2014-2015 Undergraduate Catalog

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General Education

General Education

Categories in this section include:

- General Information
- Curriculum Categories
- Waiver, Placement and Substitutions
- QRChoice Category Information
- General Education Transfer Guidelines

General Information

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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

General Education Core Requirements

- Effective Communication (GEEC)
- Quantitative Reasoning (GEQR)
- Knowledge of the Disciplines (GEKA, GEKH, GEKN & GEKS)

General Education Application Requirements

- Perspectives on a Diverse World (GEGA & GEUS)
- Learning Beyond the Classroom (GELB)
- Writing Intensive (GEWI)

Waiver, Placement and Substitutions

- Students may choose to complete ENGL 120 as an elective to prepare for the required ENGL 121 course. 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 CTAC 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/MATH 098 in preparation for MATH 110. However, students may take the Math Placement Test to place into MATH 110. (NOTE: MATH 097 and MATH 098 do NOT count toward the minimum 124 hours required for graduation. Students who complete MATH 097 and/or MATH 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 of 93 or higher are *waived* from the MATH 110 requirement.
- Upon a student's initial enrollment at EMU, the University Advising and Career Development Center (200 McKenny Hall, (734) 487-0400) 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 - University Advising and Career Development Center, 200 McKenny Hall, (734) 487-0400)
    - IB - Office of Records & Registration, 303 Pierce Hall, (734) 487-4111
    - 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 Effective Communication and Quantitative Reasoning whose guidelines appear above.

QRChoice Category Information

Students are placed into a Quantitative Reasoning (QR) category based upon their ACT or SAT math scores. 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 University Advising and Career Development Center (UACDC), 200 McKenny. (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.*
3. *A score of 93 or higher will earn the student a QR waiver**.
4. *The student cannot take the CLM test more than two times. This includes times that the test is taken for initial placement purposes.*
5. A student must wait a minimum of 30 days between a first attempt and a second attempt.

6. The test must be taken within two calendar years 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.
7. 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 University Advising and Career Development Center (UACDC) 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 University Advising and Career Development Center to be used for graduation audit purposes. A study guide can be found here.

* 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

The Michigan Transfer Agreement (MTA) satisfies EMU's General Education Core Requirements.

Transfer students with an MTA endorsement on their transcript will only need to complete the General Education Application Requirements:

1. Perspectives on a Diverse World - Demonstrate the application of learning in either global awareness or U.S. Diversity by completing one course, which may be transferred in as a part of the MTA
2. Learning Beyond the Classroom- Demonstrate the application of classroom knowledge and obtain hands on experience in settings outside of the classroom
3. Writing Intensive - Demonstrate the application of written communication skills within the major

* MTA may be completed after initial enrollment at EMU

For transfer students without the MTA endorsement, transfer courses completed before admission to EMU will be applied to General Education Core requirements if they meet the spirit of the requirement. To receive General Education 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.

For students who started at a community college prior to Fall 2014, and are currently working on a MACRAO agreement, please click here.

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 fo helping students gain a deeper understanding of course objectives, acquire new knowledge and engage in civic activity.

- **Learning Beyond the Classroom (GELB)** 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/nonprofi. 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

Academic Advising

Degree Information

Graduation (external link)

Registration & Grading

Undergraduate Policies and Information

Student Handbook & Policy Guide

Transfer Students

Academic Calendars

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 Education Advising Center

Address: 206 Porter Building

Phone: (734) 487-3415

Website: College of Education 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 Technology Advising Center

Address: 150 Sill Hall

Phone: (734) 487-8659

Website: College of Technology Advising

College of Arts and Sciences

Francine Parker Advising Center

Address: 120 Student Center

Phone: (734) 487-4599

Website: College of Arts and Sciences Advising

Return To: Academic Policies

Degree Information

Degree Information

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

- **Academics**
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  - Majors/Minors
  - Degree Requirements
- **Alternative Methods for Earning University Credit**
  - Alternative Credit Options
  - CLEP Credit
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Academics

Degrees

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board policies, please see the Board of Regents Policy Manual by clicking here.

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 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 pre-professional 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 pre-professional 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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board policies, please see the Board of Regents Policy Manual by clicking here.

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

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credits for transferred courses; grades are not used in the calculation of an EMU GPA.
- 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 reached in courses 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

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

Alternative Methods for Earning University Credit

Alternative Credit Options

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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:

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.

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.

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.

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.

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.

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	ACC 000 (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	MGMT 000 (3 hrs)
Marketing	Business Law, Introductory	70	LAW 293 (3 hrs)
	Marketing, Principles of	70	MKGT 000 (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)
Biology	*Environmental Science*	3	BIO 107 (3 hrs)
	Biology	3	BIO 110 (5 hrs)
		4	BIO 110/120 (5 hrs/ 5 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)/ COSC 112 (1 hr)
	Computer Science AB	4	COSC 111 (3 hrs)/ COSC 112 (1 hr) and COSC 211 (3 hrs)/ COSC 212 (1 hr)
Economics	*Macroeconomics*	3	ECON 201 (3 hrs)
	Microeconomics	3	ECON 202 (3 hrs)

English	*English Language*	3	ENGL 121 or WRTG 121 (3 hrs)
		4	ENGL 121 or WRTG 121 (3 hrs) and WRTG 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 AB Subscore	3	MATH 120 (4 hrs)
	Calculus BC	3	MATH 120 (4 hrs) and MATH 121 (4 hrs)
	Statistics	3	MATH 170 (3 hrs) or SOCL 250 (3 hrs)
Music and Dance	*Music Theory*	3	MUSC 100 (3 hrs)
Physics	*Physics B*	4	PHY 221 (4 hrs)
		5	PHY 221 (4 hrs) and PHY 222 (4 hrs)
	Physics C - Mechanics	4	PHY 221 (4 hrs)
	Physics C - Mechanics	5	PHY 223 (5 hrs)
	Physics C - Electricity and Magnetisim	4	PHY 222 (4 hrs)
	Physics C - Electricity and Magnetisim	5	PHY 224 (5 hrs)
	Note: Department Permission is required to register for the next course in the physics major sequence.		
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	*Chinese*	3	CHNE 121 (5 hrs)
		4	CHNE 122 (5 hrs)
	French Language or French Literature	3	FRNH 121 (5 hrs)
		4	FRNH 122 (5 hrs)
	German Langauge	3	GERN 121 (5 hrs)
		4	GERN 122 (5 hrs)
	Japanese Language and Culture	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)

International Baccalaureate (IB) Credit

EMU Course 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.

Subject Test	Level	Grade	EMU Course
		4	BIO 105 or 106 (4 hrs)
Biology	HL	5	BIO 110 (5 hrs)
		6	BIO 110 (5 hrs)
		4	
English A: Lang & Lit	HL	5	ENGL 120 or WRTG 120 (3 hrs)
		6	
		4	
English A: Literature	HL	5	GEKH LITR (3 hrs)
		6	

		4	
French B*	HL	5	GEKH FRNH (3 hrs)
		6	
		4	
HIST Europe/ME	HL	5	HIST 103 (3 hrs)
		6	
		4	
History Americas	HL	5	HIST 103 (3 hrs)
		6	
		4	
ITGS	HL	5	GEGA COSC (3 hrs)
		6	
		4	
Mathametics	HL	5	MATH 112 (4 hrs) and MATH 120 (4 hrs)
		6	
		4	
Spanish B*	HL	5	GEKH SPNH (3 hrs)
		6	
		4	
Theatre	HL	5	CTAR 150L (3 hrs)
		6	

*Direct equivalencies may be gained based on results of a placement test, available through the Department of World Languages.

Prior Learning Assessment

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

Academic standards for portfolio-assisted Prior Learning Assessment:

1. Credit is given only for learning and not for experience.
2. College credit is awarded only for college-level learning.
3. Credit is awarded only for learning that has a balance, appropriate to the subject, between theory and practical application.

4. The determination of competence levels and credit awards is made by academic experts in the appropriate subject matter.
5. 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

Alternative Methods for Earning University Credit

Alternative Credit Options

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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:

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.

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.

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.

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.

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.

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	ACC 000 (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	MGMT 000 (3 hrs)
Marketing	Business Law, Introductory	70	LAW 293 (3 hrs)
	Marketing, Principles of	70	MKGT 000 (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)
Biology	*Environmental Science*	3	BIO 107 (3 hrs)
	Biology	3	BIO 110 (5 hrs)
		4	BIO 110/120 (5 hrs/ 5 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)/ COSC 112 (1 hr)
	Computer Science AB	4	COSC 111 (3 hrs)/ COSC 112 (1 hr) and COSC 211 (3 hrs)/ COSC 212 (1 hr)
Economics	*Macroeconomics*	3	ECON 201 (3 hrs)
	Microeconomics	3	ECON 202 (3 hrs)
English	*English Language*	3	ENGL 121 or WRTG 121 (3 hrs)
		4	ENGL 121 or WRTG 121 (3 hrs) and WRTG 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 AB Subscore	3	MATH 120 (4 hrs)
	Calculus BC	3	MATH 120 (4 hrs) and MATH 121 (4 hrs)
	Statistics	3	MATH 170 (3 hrs) or SOCL 250 (3 hrs)
Music and Dance	*Music Theory*	3	MUSC 100 (3 hrs)
Physics	*Physics B*	4	PHY 221 (4 hrs)
		5	PHY 221 (4 hrs) and PHY 222 (4 hrs)
	Physics C - Mechanics	4	PHY 221 (4 hrs)
	Physics C - Mechanics	5	PHY 223 (5 hrs)
	Physics C - Electricity and Magnetisim	4	PHY 222 (4 hrs)
	Physics C - Electricity and Magnetisim	5	PHY 224 (5 hrs)
	Note: Department Permission is required to register for the next course in the physics major sequence.		
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	*Chinese*	3	CHNE 121 (5 hrs)
		4	CHNE 122 (5 hrs)
	French Language or French Literature	3	FRNH 121 (5 hrs)
		4	FRNH 122 (5 hrs)
	German Langauge	3	GERN 121 (5 hrs)
		4	GERN 122 (5 hrs)
	Japanese Language and Culture	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)

International Baccalaureate (IB) Credit

EMU Course 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.

Subject Test	Level	Grade	EMU Course
		4	BIO 105 or 106 (4 hrs)
Biology	HL	5	BIO 110 (5 hrs)
		6	BIO 110 (5 hrs)
		4	
English A: Lang & Lit	HL	5	ENGL 120 or WRTG 120 (3 hrs)
		6	
		4	
English A: Literature	HL	5	GEKH LITR (3 hrs)
		6	
		4	
French B*	HL	5	GEKH FRNH (3 hrs)
		6	
		4	
HIST Europe/ME	HL	5	HIST 103 (3 hrs)
		6	
		4	
History Americas	HL	5	HIST 103 (3 hrs)
		6	
		4	
ITGS	HL	5	GEGA COSC (3 hrs)
		6	
Mathametics	HL	4	MATH 112 (4 hrs) and MATH 120 (4 hrs)

		5	
		6	
		4	
Spanish B*	HL	5	GEKH SPNH (3 hrs)
		6	
		4	
Theatre	HL	5	CTAR 150L (3 hrs)
		6	

*Direct equivalencies may be gained based on results of a placement test, available through the Department of World Languages.

Prior Learning Assessment

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3. Credit is awarded only for learning that has a balance, appropriate to the subject, between theory and practical application.
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5. 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.
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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.

Registration & Grading

Return To: Academic Policies

Registration and Grading

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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
  - Co-requisites
  - Concurrent Prerequisites
  - Final Examinations
- Grades
  - Pass/Fail
  - Credit/Noncredit Grading
  - Incomplete
  - Grade Changes
  - Grade Grievance
  - Repeats
  - Grade Reports
  - Grade Point Average (GPA
  - Academic Probation and Dismissal
- Drops/Withdrawals from Individual Classes
- Withdrawals from the University

Academic Year

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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 advisor. 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 advisor. 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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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.

Co-requisites

Co-requisites 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 Co-requisites 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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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 F 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 F in the course.

Grades

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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-H	A with Honors Credit	4.0
A-		3.7

A- H	A- with Honors Credit	3.7
B+		3.3
B+ H	B+ with Honors Credit	3.3
B	Distinctly above the average	3.0
B H	B with Honors Credit	3.0
B-		2.7
B- H	B- with Honors Credit	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 F 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 F 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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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:
    - Grades of A, B, C or D, including D-, will be converted to S, and shall count as credit toward graduation.
    - The grade of F 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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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 f 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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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 polices effect your Financial Aid, click on this link to their website.

Grade Grievance

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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;
3. By an unreasonable and/or unannounced substantial departure from the instructor's previously articulated standards.

If a student wishes to appeal a final grade, they must follow the steps outlined in the EMU Student Handbook and Policy Guide (pg. 47-53 in 2014-2015 Guide)

Repeats

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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 F. 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.Such permission is required for every attempt of every course beyond the tenth.
5. 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)

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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. F grades will be changed to 2YR to reflect academic forgiveness.

Academic Probation and Dismissal

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

Please see the Eastern Michigan University Board of Regent's Manual, 6.2.1.6. Undergraduate Academic Standing for polices regarding Academic Probation and Dismissal.

Drops/Withdrawals from Individual Classes

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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 F 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

These policies are governed by the Eastern Michigan University Board of Regents and are subject to change. For the latest Board polices please see the Board of Regents Policy Manual by clicking here.

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 F 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.

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Undergraduate Policies and Information

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Undergraduate Policies and Information

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, non-verbally 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.

Additional Resources

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

Admissions: www.emich.edu/admissions/

Financial Aid: www.emich.edu/finaid/

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

Transfer Student Information

Return To: Academic Policies

Transfer Student Information

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

- Community College Relations
- The Michigan Transfer Agreement (MTA)
- Articulation Agreements

Community College Relations

Director
Pat Cygnar
pat.cygnar@emich.edu
103B Boone Hall

(734) 487-6577

www.emich.edu/ccr

The Office of Community College Relations works collaboratively with the faculty and staff of EMU and community colleges to promote a seamless transfer process for community college students. Our goal is to maximize the application of academic credits already earned and time already spent toward obtaining a bachelor's degree. Many EMU academic programs have signed articulation agreements with community colleges that ensure the transfer of credit from an associate degree program to a bachelor's degree program. Through an articulation agreement, students may receive credit for courses or blocks of courses that do not usually transfer. 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 advisor about the availability of articulation agreements, or visit the CCR web site www.emich.edu/ccr for a complete list of articulation agreements.

Community College Relations 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 guides and transfer information;
- Providing support to community college faculty and staff regarding transfer student issues including articulation and transfer equivalency;
- Working with EMU offices and departments to facilitate course credit equivalency;
- Providing articulation information to the EMU Advising Centers;
- Collaborating with other offices and departments to sponsor Community College transfers events and activities;
- Advocating for students with transfer issues;
- Participating in statewide transfer initiatives.

The Michigan Transfer Agreement (MTA)

Eastern Michigan University is a participant in the Michigan Transfer Agreement (MTA), which replaces the MACRAO agreement effective September 1, 2014. 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 Michigan four-year colleges.

Students with an MTA endorsement on their community college transcript have satisfied EMU's General Education Core Requirements and will be required to complete only the General Education Application Requirements of one Perspectives on a Diverse World course, one Learning beyond the Classroom experience, and a Writing Intensive course in the major. Students who started before Fall 2014 may continue to follow the MACRAO Agreement until the end of summer 2019. EMU will accept the MACRAO Agreement beyond this date, if already on a student's transcript. Students should consult an EMU advisor to find out how MACRAO applies to the general education requirements.

Students are responsible for satisfying all major, minor, and program requirements and should consult an advisor or a transfer guide to determine if specific courses will double count for both a Michigan Transfer Agreement and a program requirement.

Articulation Agreements

Eastern Michigan University has articulation agreements with 21 community colleges in Michigan and three other states. Articulation agreements 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. They provide a list the courses that will transfer to Eastern Michigan University and show how they fulfill requirements toward completion of the bachelor's degree program.

To see a complete list of colleges with program articulation agreements with EMU, go to the CCR website www.emich.edu/ccr.

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 (Pres Schol alt)	30 credit hours per year of instate tuition and fees 4 years	Residence halls for first two years	3.5 Cumulative GPA 15 credit	November 20

				hours each semester	
Regents Scholarship	**Freshman** Participate in the PSC or be admitted by March 1 and 3.7 High School GPA and 25 ACT/1150 SAT **Transfer Student** 3.7 College GPA and 30 transferable credit hours	$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	**Freshman** 3.5 High School GPA and 21 ACT/1000 SAT **Transfer Student** 3.5 College GPA and 30 transferable credit hours	$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	**Freshman** 3.0 High School GPA and 20 ACT/950 SAT **Transfer Student** 3.0 College GPA	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

Eastern Michigan University offers the following undergraduate programs off-campus:

- Business Administration (degree completion program) : EMU–Livonia
- Construction Management: EMU–Livonia
- Criminology and Criminal Justice [NEW]: EMU–Livonia
- Dietetics: EMU–Online
- Nursing (B.S.N. completion): EMU–Brighton, EMU–Detroit, EMU–Jackson, EMU–Livonia, EMU–Monroe and EMU–Online
- Technology Management (degree completion program): EMU–Online

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 statues.

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 much 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 11 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 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 to 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.

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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.

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 résumé 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

Course Prefixes

A department prefix or code is used to identify courses offered by Eastern Michigan University:

Academic Affairs Division	UNIV
Integrated Marketing Communications	IMC
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, Media and Theatre Arts	
Communication	CTAC
Interpretation/Performance Studies	CTAO
Telecommunications and Film	CTAT CTAR
Theatre and Educational Drama	
Computer Science	COSC
Economics	ECON
English Language and Literature	
Creative Writing	CRTW
English Language and Literature	ENGL
Linguistics	LING
Literature	LITR
Foreign Language and Bilingual Studies	
Bilingual-Bicultural Education	BILN
English for International Students	ESLN
General Foreign Language and Bilingual-Bicultural Education	FLAN
French	FRNH
German	GERN
Japanese	JPNE
Spanish	SPNH
Teaching English as a Second Language (TESOL)	TSLN

Geography and Geology

Earth System Science	ESSC
Geography and Geology	GEOG
Historic Preservation	GHPR
Urban and Regional Planning	GPLN

History and Philosophy

History	HIST
Philosophy	PHIL

Mathematics	MATH

Music and Dance

Dance	
Music	DANC
Applied Music has a prefix for each instrument.	MUSC
Refer to the class schedule book for the codes.	

Physics and Astronomy

Astronomy	ASTR
Physics	PHY
Physical Science	PSCI

Political Science	PLSC

Psychology	PSY

Sociology, Anthropology and Criminology

Anthropology	ANTH
Criminology	CRM
Sociology	SOCL

Women's and Gender Studies	WGST

College of Business — COB

Accounting and Finance

Accounting	ACC
Decision Science	DS
Finance	FIN

Computer Information Systems	IS

Production/Operations Management	POM

Management	MGMT

Marketing	MKTG

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-Disabled	SPLI
Physical Impairment or other Health Impairment	SPPI
Speechand Language Impairment	SPSI

Student Teaching	EDUC

Teacher Education

Curriculum	CURR
Early Childhood Education	ECE
Educational Media and Technology	EDMT
Educational Psychology	EDPS
Reading	RDNG
Social Foundations	SOFD

College of Health and Human Services IHHS

Health Promotion and Human Performance

Athletics	ATHL
Health Education	HLED
Physical Education	PHED
Recreation Courses	RECR
Sport Management	SPGT
Exercise Science and Athletic Training	SPMD

Health Sciences

Clinical Laboratory Sciences	CLSC
Clinical Research Administration	CLRA
Health Administration	HLAD
Human Nutrition	DTC
Occupational Therapy	OCTH
Therapeutic Recreation Courses	THRC

Nursing	NURS

Social Work	SWRK
Gerontology	GERT

College of Technology — COT

Engineering Technology

Computer Aided Engineering	CAE
Construction Management	CNST
Engineering Management	EM
Interior Design	IDE
Manufacturing	MFG
Polymers and Coatings	PC
Quality	QUAL

Technology Studies

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/Assistance	ISEC
Legal Administration	LEGL
Network and Information Technology Administration	NITA
Public Safety	PS
School of Staff and Command	SSC
School of Technology Studies	STS
Technology Education	TEDU
Technology Management	TM

What's New!

New Programs:

Majors

- Public Health Major (effective Winter 2014)

Minors

- Interdisciplinary Leadership Minor (effective Winter 2014)
- International Affairs Minor (effective Fall 2014)

Undergraduate Certificates

- Undergraduate Certificate in Classroom and Behavior Management Studies (effective Fall 2014)

Updated Programs:

Majors

- Anthropology Major (effective Fall 2014)
- Art History Major (effective Fall 2014)
- Communication, Media and Theatre Arts Comprehensive Major (effective Fall 2014)
- Biology Major (effective Winter 2015)
- Communication, Media and Theatre Arts Comprehensive Major (effective Fall 2014)
- Computer Information Systems Major (effective Fall 2014)
- Computer Science - Applied Major (effective Winter 2014)
- Computer Science Major (effective Winter 2014)
- Criminology and Criminal Justice Major (effective Winter 2014)
- Health Administration Major (effective Fall 2014)
- History Major (effective Fall 2014)
- International Affairs Major (PLSC 491 & PLSC 492 added to capstone section, effective Winter 2014)
- Marketing Major (effective Fall 2014)
- Mechanical Engineering Technology Major (effective Winter 2014; Second Admit - effective, Fall 2014)
- Nursing Major - B.S.N. Completion (effective Winter 2014)
- K -12 Physical Education Teacher Education Major (effective Fall 2014)
- Psychology Major (effective Winter 2014)
- Sport Management Major (effective Winter 2014)
- Sport Performance and Fitness Entrepreneurship Major (effective Fall 2014)
- Theatre Arts Major (effective Fall 2014)
- Nursing Major - B.S.N. Completion (effective Fall 2014)
- Entrepreneurship Major (effective Fall 2014)
- Bachelor of Fine Arts (effective Fall 2014)

- International Affairs Major (effective Fall 2014)
- International Affairs Minor (effective Fall 2014)
- Political Science Major (effective Fall 2014)
- Political Science Minor (effective Fall 2014)
-

Minor

- Anthropology Minor (effective Fall 2014)
- Communication Media and Theatre Arts Comprehensive Minor (effective Fall 2014)
- Computer Science Minor (effective Winter 2014)
- Coastal Environments Minor (effective Fall 2014)
- Interior Design Minor (effective Fall 2014)
- Nonprofit Administration Minor (effective Winter 2014)
- Secondary Education Computer Science Education Minor(effective Winter 2014)
- Secondary Education Earth Science Minor
- Conservation and Resource Use Minor (effective Winter 2015)
- Human Biology Minor (effective Winter 2015)
- Management Minor - (For nonbusiness majors) (effective Fall 2014)
- General Business Minor - (For nonbusiness majors) (effective Fall 2014)
- Entrepreneurship Minor (For nonbusiness majors) (effective Fall 2014)

Undergraduate Certificates

- Health Informatics Certificate (effective Fall 2014)

Other

- Initial Teacher Preparation Program Admission

New Courses:

A

- ANTH 212 - Peoples and Cultures of China
- ANTH 370 - Human Osteology in Anthropology
- ANTH 412 - Culture, Tourism and Anthropology
- ATTR 395 - Advanced Topics in AT
- ATTR 491 - Internship II
- ATTR 495 - ATEP Review Course

B

- BIO 111 - Introductory Biology I Laboratory

- BIO 121 - Introductory Biology II Laboratory
- BIO 417 - Conservation Biology

C

- COSC 112 - Introduction to Programming Online Lab
- COSC 212 - Programming Data Structures Online Lab
- CTAC 330 - Relational Communication

D

- DANC 300 - Introduction to Video Dance

E

- ESSC 453 - Marine and Lacustrine Geology

F

- FRNH 420 - Introduction to Translation (French/English - English/French)
- FRNH 421 - Introduction to French Interpretation

G

- GHPR 446 - Heritage Interpretation

H

- HIST 200 - War, Culture and Society : A Global History
- HIST 203 - Global History of Islam
- HIST 334 - Early Christianity
- HLAD 313 - Health Care Quality
- HLED 440 - Health Education Program Evaluation

I

- IHHS 200 – Reading and Writing in Nursing Studies
- IS 310 - Social Media for Business
- IS 415 - Business Mobile Application Development
- IDE 416 - Advanced Computing for Interior Design
- IDE 450 - Working with the Trades

L

- LEGL 213 - Advanced Spreadsheet Applications

- LEAD 373 - Applied Leadership Experience

M

- MKTG 361 - Advanced Professional Selling
- MSL 103 - Officer Foundations/Basic Leadership

N

- NURS 265 - R.N. Essentials of Professional Nursing Practice I
- NURS 365 - R.N. Essentials of Professional Nursing Practice II
- NURS 465 - R.N. Essentials of Professional Nursing Practice III

P

- PHED 102 - Introduction to Teaching Physical Education
- PHED 309 - Methods of Teaching Outdoor Pursuits and Adventure Education
- PHED 341 - Methods of Physical Training and Performance Enhancement
- PHED 342 - Methods of Holistic Fitness
- PHED 343 - Methods of Group Exercise Instruction
- PHED 482 - Internship for Sport Performance and Fitness Entrepreneurship
- PHIL 280 - Philosophy and the Fundamentals of Scientific Reasoning
- PLSC 491 - Honors Thesis
- PLSC 492 - International Affairs Honors Thesis
- PSY 433 - Cognitive Neuroscience

S

- SMGT 265 - Foundations of Sport Leadership
- SOFD 250 - EcoJustice Education : An Introduction

T

- TM 386 - Cooperative Education in Technology Management
- TM 385 - Cooperative Education in Technology Management

W

- WRTG 177 - Special Topics, WRTG 178 - Special Topics, WRTG 179 - Special Topics, WRTG 277 - Special Topics, WRTG 278 - Special Topics, WRTG 279 - Special Topics, WRTG 377 - Special Topics, WRTG 378 - Special Topics, WRTG 379 - Special Topics, WRTG 477 - Special Topics, WRTG 478 - Special Topics, WRTG 479 - Special Topics,

Updated Courses:

A

- ANTH 362 - Artifact Analysis (effective Summer 2014)
- ARTS 105 - Photography for Non-Majors (effective Summer 2014)
- ARTS 221 - Beginning Photography (effective Summer 2014)
- ATTR 219 - Introduction to Athletic Training
- ATTR 290 - Practicum II
- ATTR 295 - Assessment of Lower Body Injuries
- ATTR 296 - Assessment of Upper Body Injuries
- ATTR 326 - Practicum III
- ATTR 327 - Practicum IV

B

- BIO 110 - Introductory Biology I (effective Winter 2015)
- BIO 120 - Introductory Biology II (effective Winter 2015)
- BIO 328 - Microbiology for Health Professions (effective Summer 2014)
- BIO 226 - Global Ecology and the Environment (effective Winter 2015)
- BIO 252 - Human Anatomy and Physiology II (effective Winter 2015)
- BIO 255 - Human Genetics (effective Winter 2015)
- BIO 256 - The Biology of Cancer (effective Winter 2015)
- BIO 257 - Human Embryonic Development (effective Winter 2015)
- BIO 258 - Germs, Plagues and Human Infections (effective Winter 2015)
- BIO 259 - Biology of Aging (effective Winter 2015)
- BIO 269 - Biology of Sex and Gender (effective Winter 2015)
- BIO 306W - Cell and Molecular Biology and Genetics Laboratory (GEWI) (effective Winter 2015)
- BIO 311W - Laboratory in Ecology (GEWI) (effective Winter 2015)
- BIO 326 - Human Physiology (effective Winter 2015)
- BIO 328 - Microbiology for Health Professions (effective Winter 2015)
- BIO 330 - Neuroanatomy (effective Winter 2015)
- BIO 406 - The Nature of Science (effective Winter 2015)
- BIO 410 - Limnology (effective Winter 2015)
- BIO 411 - Animal Physiological Ecology (effective Winter 2015)
- BIO 412 - Biogeography (effective Winter 2015)
- BIO 413 - Wetland Ecosystems (effective Winter 2015)
- BIO 414 - Terrestrial Ecosystems (effective Winter 2015)
- BIO 415 - Microbial Ecology (effective Winter 2015)
- BIO 416 - Behavioral Ecology (effective Winter 2015)
- BIO 417 - Conservation Biology (effective Winter 2015)
- BIO 425 - General Microbiology (effective Winter 2015)
- BIO 426 - Immunobiology (effective Winter 2015)
- BIO 429 - Bacterial Pathogenesis (effective Winter 2015)
- BIO 443 - Developmental Biology (effective Winter 2015)
- BIO 446 - Genome Analysis (effective Winter 2015)
- BIO 455 - Plant Evolution and Classification (effective Winter 2015)
- BIO 456 - Freshwater Algae (effective Winter 2015)
- BIO 457 - Aquatic Plants (effective Winter 2015)

- BIO 458 - Trees and Shrubs (effective Winter 2015)
- BIO 459 - Mycology (effective Winter 2015)
- BIO 460 - Plant Anatomy (effective Winter 2015)
- BIO 461 - Plant Physiology (effective Winter 2015)
- BIO 462 - Plant Biotechnology (effective Winter 2015)
- BIO 472 - Parasitology (effective Winter 2015)
- BIO 473 - Concepts in Animal Physiology (effective Winter 2015)
- BIO 474 - Comparative Anatomy of Vertebrates (effective Winter 2015)
- BIO 476 - Mammalian Histology (effective Winter 2015)
- BIO 480 - Natural History of Invertebrates (effective Winter 2015)
- BIO 481 - Natural History of Vertebrates (effective Winter 2015)
- BIO 482 - Ichthyology (effective Winter 2015)
- BIO 483 - Mammalogy (effective Winter 2015)
- BIO 484 - Herpetology (effective Winter 2015)
- BIO 485 - Ornithology(effective Winter 2015)
- BIO 486 - Entomology (effective Winter 2015)
- BIO 488 - Biology of Arachnids (effective Winter 2015)
- BIOT 403 - Methods for Teaching Secondary Biology (effective Winter 2015)
- BIOT 407 - Nature of Science for Elementary Teachers (effective Winter 2015)

C

- COSC 311 - Algorithms and Data Structures (effective Fall 2014)
- COSC 471 - Database Principles (effective Summer 2014)
- CTAO 412 - Interpretation of Prose & Poetry (effective Summer 2014)

D

- DANC 109 - Classical Ballet Technique II for Dance Majors/Minors
- DANC 110 - Modern Dance I for Dance Majors/Minors
- DANC 208 - Classical Ballet Technique III
- DANC 209 - Classical Ballet Technique IV
- DANC 331 - Service Teaching–Ballet
- DANC 333 - Service Teaching–Modern Dance
- DANC 354 - Methods and Materials in Teaching of Dance
- DTC 375 - Integrative Medicine

E

- ESSC 424 - The Global Climate System (effective Summer 2014)
- ESSC 430 - Petroleum Geology (effective Winter 2015)
- ELEC 210 - Circuit Analysis II (effective Winter 2015)
- ELEC 214 - Digital Circuit Analysis I (effective Winter 2015)
- ELEC 300 - Analog Circuit Analysis I (effective Winter 2015)
- ELEC 310 - Analog Circuit Analysis II (effective Winter 2015)
- ELEC 320 - Microcomputer Circuits (effective Winter 2015)
- ELEC 326 - Transform Circuit Analysis with Calculus (effective Winter 2015)

- ELEC 415 - Communication Circuits (effective Winter 2015)
- ELEC 420 - Advanced Microprocessors (effective Winter 2015)
- ELEC 426 - Control Systems Engineering (effective Winter 2015)

F

- FRNH 121 - Beginning French (effective Summer 2014)
- FRNH 122 - Beginning French (effective Fall 2014)

G

- GEOG 235 - Economic Geography (effective Winter 2015)
- GEOG 333 - Unsettled Geographies (effective Fall 2014)
- GEOG 446 - Heritage Interpretation (effective Summer 2014)
- GHPR 475 - Architectural Nomenclature (effective Summer 2014)
- GEOG 315 - Travel and Tourism: The European Scene (effective Fall 2014)
- GEOG 445 - Cultural Tourism Resources (effective Winter 2015)

H

- HIST 115 - Making American Society: Race, Ethnicity and Gender in Historical Perspective (GEUS) (effective Winter 2015)
- HRM 350 - Lodging Facilities Management (effective Winter 2015)
- HRM 389 - Cooperative Education in Hotel and Restaurant Management (effective Winter 2015)
- HRM 330 - Hospitality Technology Management (effective Winter 2015)
- HRM 268 - Hotel Operations Management (effective Fall 2014)

I

- IS 215 - Information Systems for Business
- IS 247 - Introduction to Web Application Development
- IS 320 - Business Data Communications and Information Security
- IS 350 - Enterprise Resource Planning and Architecture
- IS 410 - Business Intelligence
- IS 417 - Systems Analysis and Design
- IS 425 - IS Project and Risk Management
- IS 427 - Business Process and Identity Management
- IS 437 - Introduction to Business Information Technology Audit
- IS 449W - IS Strategy, Management & Acquisition

L

- LEGL 211 - Introduction to the Legal System (effective Summer 2014)

M

- MATH 097 - Pre-College Mathematical Concepts (effective Summer 2014)
- MATH 170 - Elementary Statistics (effective Fall 2014)
- MATH 436 - Introduction to Numerical Analysis (effective Winter 2015)
- MET 470 - Mechanical Vibrations (effective Summer 2014)
- MUSC 109 - Music Therapy Improvisation Ensemble I (effective Fall 2014)
- MUSC 209 - Music Therapy Improvisation Ensemble II (effective Fall 2014)
- MUSC 225 - Voice Skills with Special Populations (effective Fall 2014)
- MUSC 237 - Pre-internship Clinical Training in Music Therapy II (effective Fall 2014)
- MUSC 238 - Methods and Materials in Music Therapy (effective Fall 2014)
- MUSC 304 - Music Therapy Professional Skills (effective Fall 2014)
- MUSC 324 - Pre-internship Clinical Training in Music Therapy IV (effective Fall 2014)
- MUSC 405 - Music Therapy Research (effective Fall 2014)
- MUSC 409 - Music Therapy Improvisation Ensemble IV (effective Fall 2014)
- MUSC 428 - Pre-internship Clinical Training in Music Therapy VI (effective Fall 2014)

N

- NURS 220 - Health Assessment (effective Summer 2014)
- NURS 275 - Essentials of Professional Nursing Practice I (effective Summer 2014)
- NURS 375W - Essentials of Professional Nursing Practice II (effective Summer 2014)
- NURS 475 - Essentials of Professional Nursing Practice III (effective Summer 2014)
- NURS 365 - R.N. Essentials of Professional Nursing Practice II (effective Fall 2014)

P

- PDD 111 - Materials (effective Fall 2014)
- PHED 100 - Foundations of Physical Education and Physical Activity (effective Fall 2014)
- PHED 200 - Anatomy and Physiology (effective Fall 2014)
- PHED 204 - Kinesiology (Biomechanics of Physical Activity) (effective Fall 2014)
- PHED 205 - Physiology of Exercise (effective Fall 2014)
- PHED 260 - Motor Development (effective Fall 2014)
- PHED 302 - Methods of Teaching Elementary Physical Education (effective Fall 2014)
- PHED 304 - Methods of Teaching Rhythmic Activities, Dance and Creative Movement (effective Fall 2014)
- PHED 306 - Methods of Teaching Games and Activities in Physical Education I (effective Fall 2014)
- PHED 307 - Methods of Teaching Games and Activities in Physical Education II (effective Fall 2014)
- PHED 315 - Methods of Fitness Education in Physical Education (effective Fall 2014)
- PHED 330 - Adapted Physical Education (effective Fall 2014)
- PHED 421 - Legal Aspects of Sport and Physical Education (effective Fall 2014)
- PHED 431 - Motor Learning (effective Fall 2014)
- PHED 460 - Assessment and Evaluation in Physical Education (effective Fall 2014)
- PHED 485 - Curriculum and Program Design in Physical Education (effective Fall 2014)
- PHED 495 - Physical Education Student Teaching Seminar (effective Fall 2014)
- PHY 330 - Intermediate Mechanics I (effective Winter 2015)
- PHY 350 - Electricity and Magnetism I (effective Winter 2015)
- PHY 360 - Heat and Thermodynamics (effective Winter 2015)
- PHY 370 - Introduction to Modern Physics (effective Winter 2015)
- PHY 406 - Ethical Issues in Physics (effective Winter 2015)

- PHY 436 - Vibration and Sound (effective Winter 2015)
- PHY 442 - Optics and Optics Laboratory (effective Winter 2015)
- PHY 444 - Applied Optics (effective Winter 2015)
- PHY 456 - Electronics for Scientists (effective Winter 2015)

S

- SOCL 312 - Sociology of Health & Illness (effective Summer 2014)
- SPMD 433 - Principles of Sport Performance Training (effective Summer 2014)
- SPNH 121 - Beginning Spanish I (effective Fall 2014)
- SPNH 122 - Beginning Spanish II (effective Summer 2014)
- SPNH 233 - Intermediate Spanish I (effective Summer 2014)
- SPNH 234 - Intermediate Spanish II (effective Fall 2014)
- SPSI 334 - Applied Phonetics (effective Fall 2014)
- SPSI 335 - Introduction to Communication Disorders (effective Fall 2014)
- SWRK 451 - Social Work Practice with People of Color (effective Summer 2014)
- SAG 235 - Flash I (effective Winter 2015)
- SAG 470 - Simulation and Animation Dynamics (effective Winter 2015)

T

- TM 387 - Cooperative Education in Technology Management (effective Fall 2014)

W

- WGST 269 - Biology of Sex and Gender (effective Winter 2015)
- Prefix Change from ENGL to WRTG, effective Summer 2014 WRTG 225 - Writing in a Changing World, WRTG 323W - Writing in the Professional World, WRTG 324W - Principles of Technical Communication, WRTG 326 - Research Writing, WRTG 328W - Writing, Style and Technology, WRTG 354 - Critical Digital Literacies, WRTG 417 - Rhetoric and the Written Word, WRTG 428 - Writing Computer Documentation, WRTG 444 - Writing for the World Wide Web, WRTG 484W - Seminar in Written Communications,

General Education:

Effective Communication

- WRTG 120 - Composition I: Writing the College Experience
- WRTG 121 - Composition II: Researching the Public Experience

Writing Intensive

- ANTH 462W - Archaeological Theory
- ENVI 305W - Current Topics in Environmental Science and Society (effective Summer 2014)
- HIST 490W - Senior Seminar

Quantitative Reasoning

- MATH 112 - Topics in Precalculus Mathematics (effective Summer 2014)

Perspectives on a Diverse World

Global Awareness

- COSC 105 - Everyday Computing and Social Responsibility
- ENVI 105 - Introduction to Environment and Society (GEGA) (effective Fall 2014)
- GERN 111 - Introduction to German Language and German-Speaking Cultures
- SPNH 111 - Introduction to Spanish Language and Hispanic Cultures

U.S. Diversity

Knowledge of the Disciplines

Humanities

- HIST 109 - World History to 1500 (effective Summer 2014)

Africology and African American Studies Programs and Courses

Africology and African American Studies

Major

African American Studies Major

Department Information:

Africology & African American Studies Department - College of Arts and Sciences

Victor Okafor, Ph.D. Department Head

620 Pray Harrold
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vokafor@emich.edu

Department Website

Advisor Information:

Victor Okafor, Ph.D.

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(734) 487-3460
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General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33 hours

Required Course: 15 hours

- AFC 101 - Introduction to African American Studies (GEUS) 3 hrs
- AFC 201 - Foundations of Knowledge in African American Studies 3 hrs
- AFC 301 - Research Methods in African American Studies 3 hrs
- AFC 302W - Writing for African American Studies (GEWI) 3 hrs
- AFC 402 - African American Studies Internship Seminar 3 hrs

Restricted Electives: 18 hours

Pick two courses from each of 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

- AFC 102 - Introduction to African Civilization (GEGA) 3 hrs
- AFC 221 - African American Social Movements 3 hrs
- AFC 311 - The African Diaspora 3 hrs
- AFC 312 - African Civilization 3 hrs
- AFC 313 - Contemporary Africa: The Struggle and Prospects for Development (GEGA) 3 hrs
  Any relevant 3 credit course with Department permission 3 hrs

Systems, Institutions & Institutional Processes: 6 hours

Pick two courses from the following

- AFC 231 - Race, Urbanization and the Policy Mindset 3 hrs
- AFC 232 - Politics in the African American Experience (GEUS) 3 hrs
- AFC 233 - Public Policy and African Americans 3 hrs
- AFC 243 - Black Women: Politics and Racism 3 hrs
- AFC 351 - The Social Context of African American Health (GEKS) 3 hrs
- AFC 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

- AFC 272 - Hip Hop Lyricism in African American Culture 3 hrs
- AFC 361 - The African American Family 3 hrs
- AFC 362 - Black Women: Religion and Sexism 3 hrs
- AFC 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 advisor 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

African American Studies Minor

Catalog Correction | This minor was modified on January 25, 2017, to correct an error. AFC 351 is now listed as a restricted elective under "Systems, Institutions & Institutional Processes"

Department Information:

Africology & African American Studies Department - College of Arts and Sciences

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Department Website

Advisor Information:

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Required Courses: 12 hours

- AFC 101 - Introduction to African American Studies (GEUS) 3 hrs
- AFC 201 - Foundations of Knowledge in African American Studies 3 hrs
- AFC 301 - Research Methods in African American Studies 3 hrs
- AFC 302W - Writing for African American Studies (GEWI) 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

- AFC 102 - Introduction to African Civilization (GEGA) 3 hrs
- AFC 221 - African American Social Movements 3 hrs
- AFC 311 - The African Diaspora 3 hrs
- AFC 312 - African Civilization 3 hrs
- AFC 313 - Contemporary Africa: The Struggle and Prospects for Development (GEGA) 3 hrs
- Any relevant 3 credit course with Department permission 3 hrs

Systems, Institutions & Institutional Processes: 3 hours

Pick one course from the following

- AFC 231 - Race, Urbanization and the Policy Mindset 3 hrs
- AFC 232 - Politics in the African American Experience (GEUS) 3 hrs
- AFC 233 - Public Policy and African Americans 3 hrs
- AFC 243 - Black Women: Politics and Racism 3 hrs
- AFC 351 - The Social Context of African American Health (GEKS) 3 hrs
- AFC 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

- AFC 272 - Hip Hop Lyricism in African American Culture 3 hrs
- AFC 361 - The African American Family 3 hrs
- AFC 362 - Black Women: Religion and Sexism 3 hrs
- AFC 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 affairs, 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.

Department Information:

Africology & African American Studies Department - College of Arts and Sciences

Victor Okafor, Ph.D. Department Head

620 Pray Harrold
(734) 487-3460
vokafor@emich.edu

Department Website

Advisor Information:

Victor Okafor, Ph.D.

620 Pray Harrold
(734) 487-3460
vokafor@emich.edu

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 or minor requirment.

Core Courses: 6 hours

- AFC 312 - African Civilization 3 hrs
- AFC 313 - Contemporary Africa: The Struggle and Prospects for Development (GEGA) 3 hrs

Restricted Elective Courses: 6 hours

Select six credit hours from the following:

- AFC 379 - Special Topics 3 hrs
  or
- AFC 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Africology

AFC 101 - Introduction to African American Studies (GEUS)

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
Previously Listed As: AAS 101
Perspectives on a Diverse World:
AFC 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.
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 102 - Introduction to African Civilization (GEGA)

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
Previously Listed As: AAS 102
Perspectives on a Diverse World:
AFC 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.
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 177
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 178
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 179
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 201
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 221
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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; AAS 231 - Urbanization and the African American Community
Last Updated: Prefix change 02/2013, effective SUMMER 2013; Title and Description Change 10/2012, effective Winter 2013

AFC 232 - Politics in the African American Experience (GEUS)

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
Previously Listed As: AAS 232
Perspectives on a Diverse World:
AFC 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: Prefix change 02/2013, effective SUMMER 2013; Links 06/2011

AFC 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
Previously Listed As: AAS 233
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 243
Last Updated: Prefix change 02/2013, effective SUMMER 2013; 2/17/2011

AFC 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
Previously Listed As: AAS 272
Last Updated: Prefix change 02/2013, effective SUMMER 2013; spelling error 07/2014

AFC 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
Previously Listed As: AAS 277
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 278
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 279
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 297
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 298
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 299
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 301 - Research Methods in African American Studies

Provides intensive exposure to research methods in African American studies, and offers an opportunity for primary research in the field.

Credit Hours: 3 hrs
Previously Listed As: AAS 401 African American Studies Research Seminar
Last Updated: title, number and prefix change 4/2013, effective Fall 2013

AFC 302W - Writing for African American Studies (GEWI)

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
Writing Intensive:

Last Updated: Prefix change 02/2013, effective SUMMER 2013; number change, 11/2012 effective Winter 2013

AFC 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
Previously Listed As: AAS 311
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 312
Last Updated: Prefix change 02/2013, effective SUMMER 2013; Class Restriction Change 08/2011, effective Fall 2011

AFC 313 - Contemporary Africa: The Struggle and Prospects for Development (GEGA)

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
Previously Listed As: AAS 313
Perspectives on a Diverse World:
AFC 313 Contemporary Africa: the Struggle & Prospects for Development is designed as a survey of Africa's cotemporary 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 contraints 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 Educaiton Program bcause 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.
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 351 - The Social Context of African American Health (GEKS)

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
Previously Listed As: AAS 351
Knowledge of the Disciplines:
AFC 351 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.
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 361
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Previously Listed As: AAS 362
Last Updated: Prefix change 02/2013, effective SUMMER 2013; 2/17/2011

AFC 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
Previously Listed As: AAS 370
Last Updated: Prefix change 02/2013, effective SUMMER 2013

AFC 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
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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
Previously Listed As: AAS 378
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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
Previously Listed As: AAS 379
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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: AFC 101 and AFC 201 and AFC 233; or department permission
Previously Listed As: AAS 402
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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
Previously Listed As: AAS 441
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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
Previously Listed As: AAS 477
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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
Previously Listed As: AAS 478
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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
Previously Listed As: AAS 479
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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
Previously Listed As: AAS 497
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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
Previously Listed As: AAS 479
Last Updated: Prefix Change 2/2013, effective Summer 2013

AFC 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

Previously Listed As: AAS 499
Last Updated: Prefix Change 2/2013, effective Summer 2013

Art Programs and Courses

Art

Major

Art History Major

This 42-46 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.

Department Information:

Art Department - College of Arts & Sciences

Colin Blakely, M.F.A, Department Head

114 Ford Hall
(734) 487-1268
cblakely@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 42-46 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 (GEGA) 3 hrs
- ARTH 162 - Survey of Western Art I (GEKA) 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs
- ARTH 264 - Survey of Western Art III 3 hrs
- ARTH 361W - Art History Seminar (GEWI) 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 (GEKH) 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 (GEKA) 3 hrs
- ARTH 467 - Art of Korea and Japan 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:

- AFC 102 - Introduction to African Civilization (GEGA) 3 hrs
- AFC 311 - The African Diaspora 3 hrs
- AFC 312 - African Civilization 3 hrs
- AFC 370 - Films of the African American Experience 3 hrs

- ANTH 150 - Introductory Archaeology (GEKS) 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 (GEKH) 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 (GEKA) 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 (GEKH) 3 hrs
- HIST 106 - Asian and African Civilizations 3 hrs
- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs
- HIST 116 - Intro to American Indian History (GEUS) 3 hrs
- HIST 151 - Reason and Revolution (GEKH) 3 hrs
- HIST 201 - The Religions of South and East Asia 3 hrs
- HIST 202 - Religions in Conflict and Dialogue: Judaism, Christianity, and Islam (GEGA) 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 (GEKH) 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 (GEKH) 3 hrs
- PHY 101 - Physical Science in the Arts (GEKN) 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 advisor for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

***** *Students may contract with art history faculty to include lower-numbered art courses for elective credit, with additional work.*

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Art Major

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.

Department Information:

Art Department - College of Arts & Sciences

Colin Blakely, M.F.A, Department Head

114 Ford Hall
(734) 487-1268
cblakely@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEWI) 3 hrs

Art History (6 Credit Hours)

Students must select 2 of the following courses:

- ARTH 161 - Survey of Non-Western Art (GEGA) 3 hrs
- ARTH 162 - Survey of Western Art I (GEKA) 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 three courses in one of the concentrations below:

Ceramics Concentration

- ARTS 225 - Beginning Ceramics 3 hrs
- ARTS 235 - Beginning Sculpture 3 hrs
- ARTS 325 - Intermediate Ceramics I 3 hrs
- ARTS 326 - Intermediate Ceramics II 3 hrs
- ARTS 425 - Advanced Ceramics I 3 hrs
- ARTS 426 - Advanced Ceramics II 3 hrs

Drawing Concentration

- ARTS 300 - Color Theory 3 hrs
- ARTS 305 - Intermediate Life Drawing 3 hrs
- ARTS 306 - Intermediate Drawing 3 hrs
- ARTS 307 - Drawing: Contemporary Methods and Materials 3 hrs
- ARTS 405 - Advanced Life Drawing 3 hrs
- ARTS 406 - Advanced Drawing 3 hrs
- ARTS 407 - Advanced Life Drawing II 3 hrs
- ARTS 408 - Advanced Drawing II 3 hrs

Fibers Concentration

- ARTS 240 - Introduction to Fibers 3 hrs
- ARTS 340 - Weaving 3 hrs
- ARTS 341 - Intermediate Surface Design: Screen Printing 3 hrs
- ARTS 440 - Three-Dimensional Fibers 3 hrs
- ARTS 441 - Digital Printing for Fibers 3 hrs
- ARTS 442 - Embellished Surfaces 3 hrs
- ARTS 443 - Advanced Fibers 3 hrs

Furniture Design Concentration

- ARTS 245 - Introduction to Furniture Design 3 hrs
- ARTS 345 - Intermediate Furniture Design 3 hrs
- ARTS 445 - Advanced Furniture Design I 3 hrs
- ARTS 446 - Advanced Furniture Design II 3 hrs

- ARTS 447 - Furniture Design Portfolio 3 hrs

Graphic Design Concentration

- ARTS 250 - Introduction to Graphic Design I 3 hrs
- ARTS 350 - Introduction to Graphic Design II 3 hrs
- ARTS 351 - Image Making I 3 hrs
- ARTS 352 - Intermediate Graphic Design I 3 hrs
- ARTS 353 - Intermediate Graphic Design II 3 hrs
- ARTS 451 - Image Making II 3 hrs
- ARTS 452 - Advanced Graphic Design 3 hrs

Metalsmithing Concentration

- ARTS 230 - Metalsmithing I 3 hrs
- ARTS 330 - Metalsmithing II 3 hrs
- ARTS 331 - Metalsmithing III 3 hrs
- ARTS 430 - Metalsmith IV 3 hrs
- ARTS 431 - Metalsmithing V 3 hrs

Painting Concentration

- ARTS 201 - Painting I 3 hrs
- ARTS 300 - Color Theory 3 hrs
- ARTS 301 - Intermediate Painting: Surface, Process & Concept 3 hrs
- ARTS 302 - Figurative Painting 3 hrs
- ARTS 401 - Advanced Painting I 3 hrs
- ARTS 403 - Advanced Painting II 3 hrs

Photography Concentration

- ARTS 221 - Beginning Photography 3 hrs
- ARTS 321 - Intermediate Photography I 3 hrs
- ARTS 322 - Intermediate Photography II 3 hrs
- ARTS 323 - Intermediate Photography III 3 hrs
- ARTS 421 - Photography Portfolio I 3 hrs
- ARTS 422 - Photography Portfolio II 3 hrs

Printmaking Concentration

- ARTS 210 - Screen Printing I 3 hrs
- ARTS 310 - Screen Printing II 3 hrs
- ARTS 311 - Etching and Intaglio 3 hrs
- ARTS 312 - Lithographic Printing 3 hrs
- ARTS 313 - Relief Printmaking 3 hrs
- ARTS 410 - Intermediate Printmaking 3 hrs

- ARTS 411 - Advanced Printmaking 3 hrs

Sculpture Concentration

- ARTS 235 - Beginning Sculpture 3 hrs
- ARTS 335 - Intermediate Sculpture 3 hrs
- ARTS 435 - Advanced Sculpture I 3 hrs
- ARTS 436 - Advanced Sculpture II 3 hrs
- ARTS 437 - Advanced Sculpture III 3 hrs

Time-Based Media Concentration

- ARTS 255 - Introduction to Time-based Media 3
- ARTS 355 - Introduction to Web and Interactive Media 3
- ARTS 356 - Installation and Performance 3
- ARTS 357 - Intermediate Time-based Media 3
- ARTS 358 - Intermediate Web and Interactive Media 3
- ARTS 455 - Advanced Time-based Media I 3
- ARTS 456 - Advanced Time-based Media II 3

Watercolor Concentration

- ARTS 215 - Watercolor I 3 hrs
- ARTS 216 - Watermedia-Mixedmedia 3 hrs
- ARTS 300 - Color Theory 3 hrs
- ARTS 315 - Watercolor II 3 hrs
- ARTS 316 - Watercolor III 3 hrs
- ARTS 416 - Watercolor IV 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor for a list of possible minors.

Elective Courses: 3 hours

3 credit hours from art studio and/or art history courses selected in consultation with an advisor.

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 advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.*

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.

Department Information:

Art Department - College of Arts & Sciences

Colin Blakely, M.F.A, Department Head

114 Ford Hall
(734) 487-1268
cblakely@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

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

- ARTH 161 - Survey of Non-Western Art (GEGA) 3 hrs
- ARTH 162 - Survey of Western Art I (GEKA) 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs
- ARTH 264 - Survey of Western Art III 3 hrs
- *One upper-level Art History course (3 hrs)

Studio Courses: 45 hours

Required Studio Courses: 6 hours

- ARTS 205 - Beginning Life Drawing 3 hrs
- ** ARTS 490W - Capstone (GEWI) 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 any course with an ARTS prefix (110 and above)

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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."

Department Information:

Art Department - College of Arts & Sciences

Colin Blakely, M.F.A, Department Head

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Department Website

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 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

Art Education:

- ARTE 355 - Interpreting Art in Visual Arts Education 3 hrs

Art History:

- ARTH 161 - Survey of Non-Western Art (GEGA) 3 hrs
- ARTH 162 - Survey of Western Art I (GEKA) 3 hrs
- ARTH 165 - Postmodern and Contemporary Art 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs
- ARTH 264 - Survey of Western Art III 3 hrs

Arts Studio:

- 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 advisor. 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

- ARTS 225 - Beginning Ceramics 3 hrs

- ARTS 235 - Beginning Sculpture 3 hrs
- ARTS 325 - Intermediate Ceramics I 3 hrs
- ARTS 326 - Intermediate Ceramics II 3 hrs
- ARTS 425 - Advanced Ceramics I 3 hrs
- ARTS 426 - Advanced Ceramics II 3 hrs

Drawing Concentration

- ARTS 300 - Color Theory 3 hrs
- ARTS 305 - Intermediate Life Drawing 3 hrs
- ARTS 306 - Intermediate Drawing 3 hrs
- ARTS 307 - Drawing: Contemporary Methods and Materials 3 hrs
- ARTS 405 - Advanced Life Drawing 3 hrs
- ARTS 406 - Advanced Drawing 3 hrs
- ARTS 407 - Advanced Life Drawing II 3 hrs
- ARTS 408 - Advanced Drawing II 3 hrs

Fibers Concentration

- ARTS 240 - Introduction to Fibers 3 hrs
- ARTS 340 - Weaving 3 hrs
- ARTS 341 - Intermediate Surface Design: Screen Printing 3 hrs
- ARTS 440 - Three-Dimensional Fibers 3 hrs
- ARTS 441 - Digital Printing for Fibers 3 hrs
- ARTS 442 - Embellished Surfaces 3 hrs
- ARTS 443 - Advanced Fibers 3 hrs

Furniture Design Concentration

- ARTS 245 - Introduction to Furniture Design 3 hrs
- ARTS 345 - Intermediate Furniture Design 3 hrs
- ARTS 445 - Advanced Furniture Design I 3 hrs
- ARTS 446 - Advanced Furniture Design II 3 hrs
- ARTS 447 - Furniture Design Portfolio 3 hrs

Graphic Design Concentration

- ARTS 250 - Introduction to Graphic Design I 3 hrs
- ARTS 350 - Introduction to Graphic Design II 3 hrs
- ARTS 351 - Image Making I 3 hrs
- ARTS 352 - Intermediate Graphic Design I 3 hrs
- ARTS 353 - Intermediate Graphic Design II 3 hrs
- ARTS 451 - Image Making II 3 hrs
- ARTS 452 - Advanced Graphic Design 3 hrs

Metalsmithing Concentration

- ARTS 230 - Metalsmithing I 3 hrs
- ARTS 330 - Metalsmithing II 3 hrs
- ARTS 331 - Metalsmithing III 3 hrs
- ARTS 430 - Metalsmith IV 3 hrs
- ARTS 431 - Metalsmithing V 3 hrs

Painting Concentration

- ARTS 201 - Painting I 3 hrs
- ARTS 300 - Color Theory 3 hrs
- ARTS 301 - Intermediate Painting: Surface, Process & Concept 3 hrs
- ARTS 302 - Figurative Painting 3 hrs
- ARTS 401 - Advanced Painting I 3 hrs
- ARTS 403 - Advanced Painting II 3 hrs

Photography Concentration

- ARTS 221 - Beginning Photography 3 hrs
- ARTS 321 - Intermediate Photography I 3 hrs
- ARTS 322 - Intermediate Photography II 3 hrs
- ARTS 323 - Intermediate Photography III 3 hrs
- ARTS 421 - Photography Portfolio I 3 hrs
- ARTS 422 - Photography Portfolio II 3 hrs

Printmaking Concentration

- ARTS 210 - Screen Printing I 3 hrs
- ARTS 310 - Screen Printing II 3 hrs
- ARTS 311 - Etching and Intaglio 3 hrs
- ARTS 312 - Lithographic Printing 3 hrs
- ARTS 313 - Relief Printmaking 3 hrs
- ARTS 410 - Intermediate Printmaking 3 hrs
- ARTS 411 - Advanced Printmaking 3 hrs

Sculpture Concentration

- ARTS 235 - Beginning Sculpture 3 hrs
- ARTS 335 - Intermediate Sculpture 3 hrs
- ARTS 435 - Advanced Sculpture I 3 hrs
- ARTS 436 - Advanced Sculpture II 3 hrs
- ARTS 437 - Advanced Sculpture III 3 hrs

Time-Based Media Concentration

- ARTS 255 - Introduction to Time-based Media 3
- ARTS 355 - Introduction to Web and Interactive Media 3

- ARTS 356 - Installation and Performance 3
- ARTS 357 - Intermediate Time-based Media 3
- ARTS 358 - Intermediate Web and Interactive Media 3
- ARTS 455 - Advanced Time-based Media I 3
- ARTS 456 - Advanced Time-based Media II 3

Watercolor Concentration

- ARTS 215 - Watercolor I 3 hrs
- ARTS 216 - Watermedia-Mixedmedia 3 hrs
- ARTS 300 - Color Theory 3 hrs
- ARTS 315 - Watercolor II 3 hrs
- ARTS 316 - Watercolor III 3 hrs
- ARTS 416 - Watercolor IV 3 hrs

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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 3 hrs

Notes:

* This course is only offered in the Winter

** This course is only offered in the Fall

Phase II: Content and Methods and Teaching: 10 hours

Prerequisite: Completion of Phase I is required

- ** 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

Notes:

* These two courses must be taken together

** This course is only offered in the Fall

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 (GELB) 6 hrs
- EDUC 497 - Student Teaching (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 264 in the major with studio courses.

Department Information:

Art Department - College of Arts & Sciences

Colin Blakely, M.F.A, Department Head

114 Ford Hall
(734) 487-1268
cblakely@emich.edu

Department Website

Required Courses: 15 hours

- ARTH 161 - Survey of Non-Western Art (GEGA) 3 hrs
- ARTH 162 - Survey of Western Art I (GEKA) 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs
- ARTH 264 - Survey of Western Art III 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Art Minor

Department Information:

Art Department - College of Arts & Sciences

Colin Blakely, M.F.A, Department Head

114 Ford Hall
(734) 487-1268
cblakely@emich.edu

Department Website

Required Courses: 9 hours

- One art history (ARTH) course (ARTH 100 cannot be used to fulfill this requirement) (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 200-level or higher courses taken at EMU.

Minor Total: 21 hours

Due to the unique numbering system in place in the Department of Art, it has been determined by the University that completion of the Art minor as written in the catalogs meets the requirements for graduation.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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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- 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 (GEKA)

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
Knowledge of the Disciplines:

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 264
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
Repeatable for Credit: No**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
Repeatable for Credit: No**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 Eduation 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
Concurrent Prerequisite: ARTE 358
Major Restrictions: K-12 Arts Education Majors only and admission to the College of Education
Previously Listed As: ART 331
Last Updated: Prerequisite and Concurrent Prerequisite 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 are 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, ARTE 358 and department permission
Class Restrictions: Junior standing
Major Restrictions: Admission to the Initial Teacher Preparation Program
Previously Listed As: ART 416
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 (GEKA)

The aim is to acquaint students with art philosophies, their elements, principles and values.

Credit Hours: 3 hrs
Previously Listed As: ART100
Knowledge of the Disciplines:
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 (GEKH)

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
Knowledge of the Disciplines:
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.
Last Updated: *

ARTH 161 - Survey of Non-Western Art (GEGA)

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
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 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.
Knowledge of the Disciplines:

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 (GEKA)

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
Knowledge of the Disciplines:
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.
Last Updated: *

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

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
Repeatable for Credit: No
Cross-Listed with: CTAT 255
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 264 - Survey of Western Art III

A continuation of the survey of western art from 1880 to the present day.

Credit Hours: 3 hrs
Prerequisite: ARTH 263
Last Updated: No longer approved for Gen Edu 6/2014, effective Fall 2014

ARTH 267 - History of Asian Art (GEKA)

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
Knowledge of the Disciplines:
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 (GEWI)

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
Repeatable for Credit: No**Prerequisite:** ARTH 161, ARTH 264 and department permission
Previously Listed As: ARTH 361
Writing Intensive:

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 Korea and Japan

A survey of the visual arts of Japan and Korea from the ancient to the contemporary, with emphasis on the unique characteristics of the visual arts traditions in Japan and Korea, as well as, the cultural linkages and artistic exchanges between them.

Credit Hours: 3 hrs
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Previously Listed As: ARTH 467 Art of East Asia; ART 422
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, Title, Prerequisite and Description change 2/2013, effective Summer 2013; 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 264 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
Repeatable for Credit: No
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 (GEKA)

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
Major Restrictions: Bachelor of Fine Arts majors are to be excluded from enrolling in this course.
Previously Listed As: ART101
Knowledge of the Disciplines:
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.
Last Updated: Change in Major Restrictions 1/2013, effective Summer 2013

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 Non-Majors (GEKA)

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
Knowledge of the Disciplines:

Last Updated: Gen Ed Approval 11/2011, effective Fall 2011

ARTS 104 - Graphic Design for Non-Majors (GEKA)

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
Knowledge of the Disciplines:
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.
Last Updated: *

ARTS 105 - Photography for Non-Majors (GEKA)

This is an introductory course in digital photography. It covers the basic tools of the medium, including camera use, image editing and digital 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. Students must furnish their own 35mm manual SLR camera, as well as some additional supplies.

Credit Hours: 3 hrs
Notes: Students must supply their own 35 mm film camera.
Previously Listed As: ART168
Knowledge of the Disciplines:

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.
Last Updated: Updated Course Description 02/2014, effective Summer 2014

ARTS 106L - Watercolor for Non-Majors (GEKA & GELB)

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
Knowledge of the Disciplines:
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.
Learning Beyond the Classroom:

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 and basic computer literacy (Note: students with insufficient computer skils are strongly encouraged to take COSC 101 or other comparable experience prior to enrolling in this course)
Previously Listed As: ART 330
Last Updated: Prereq change 1/2013, effective Summer 2013

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

Beginning Photography is an introduction to photography as an art form. Basic camera and digital photographic processes and techniques are covered with an emphasis on using these tools to a creative end. Students must furnish their own 35mm manual SLR camera, as well as some additional supplies.

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: Updated Course Description 02/2014, effective Summer 2014; 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
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

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
Repeatable for Credit: No**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
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; spelling error 07/2014

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, plannishing, 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: Grade of "C" or better in ARTS 350, ARTS 351, and department permission
Major Restrictions: Art Majors Only
Previously Listed As: ART 302
Last Updated: Prereq change 1/2013, effecitve Summer 2013; 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: Spelling Error 7/2014, 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 (GEWI)

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' 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
Writing Intensive:

Writing Intensive

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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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-calss

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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 474
Corequisites: ARTS 490W
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Previously Listed As: ART 460
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, Prereq change 1/2013, effective Summer 2013; 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 (GEWI)

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 int he 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 necessary written documents to support one's professional career.

Credit Hours: 3 hrs
Concurrent Prerequisite: Students must be enrolled in the last course of their area of concentration: ARTS 403 or ARTS 407 or ARTS 408 or ARTS 411 or ARTS 416 or ARTS 422 or ARTS 426 or ARTS 431 or ARTS 437 or ARTS 443 or ARTS 447 or ARTS 452 or ARTS 456
Class Restrictions: Senior standing only
Previously Listed As: ARTS 490
Writing Intensive:

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

Biology Programs and Courses

Biology

Major

Biology Major

Revised Program, effective Fall 2014

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 co-requisite 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.

Department Information:

Biology Department - College of Arts & Sciences

Daniel Clemans, Ph.D., Department Head (I)

316 Mark Jefferson
(734) 487-4242
dclemans@emich.edu

Department Website

Advisor Information:

Students are strongly encouraged to make annual appointments with a departmental advisor by contacting:

Biology Department Office - (734) 487-4242

A faculty advisor will help you determine which courses to take and in what sequence, to make sure that you satisfy your degree requirements as efficiently as possible. If you have not already seen a Biology faculty advisor, you should make an appointment as soon as possible, and schedule yearly appointments thereafter.

For a list faculty advisors for specific interest areas, please follow this link.

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 63-65

Biology: 36 hours

Required Foundation Courses: 13 hours

Please Note: Effective Winter 2015, BIO 110 was split into separate lecture (BIO 110) and lab (BIO 111) courses and BIO 120 was split into separate lecture (BIO 120) and lab (BIO 121) courses

- BIO 110 - Introductory Biology I (GEKN) 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 (GEWI) 3 hrs
- BIO 311W - Laboratory in Ecology (GEWI) 3 hrs

Restricted Electives: 14 hours

Choose an additional 14 semester hours from the list below. At least one course must be at the 400 level.

- BIO 305 - Cell and Molecular Biology 3 hrs
- BIO 306W - Cell and Molecular Biology and Genetics Laboratory (GEWI) 3 hrs
- BIO 310 - Ecology 3 hrs
- BIO 311W - Laboratory in Ecology (GEWI) 3 hrs
- BIO 315 - Evolution 3 hrs
- BIO 326 - Human Physiology 3 hrs
- BIO 328 - Microbiology for Health Professions 4 hrs
  or BIO 425 - General Microbiology 5 hrs (may not use both as restricted electives)
- BIO 330 - Neuroanatomy 4 hrs
- BIO 387 - Cooperative Education in Biology 3 hrs
- BIO 406 - The Nature of Science 1 hr
- BIO 410 - Limnology 3 hrs
- BIO 411 - Animal Physiological Ecology 3 hrs
- BIO 412 - Biogeography 3 hrs
- BIO 413 - Wetland Ecosystems 3 hrs
- BIO 414 - Terrestrial Ecosystems 3 hrs

- BIO 415 - Microbial Ecology 3 hrs
- BIO 416 - Behavioral Ecology 3 hrs
- BIO 417 - Conservation Biology 4 hrs
- BIO 425 - General Microbiology 5 hrs
  or BIO 328 - Microbiology for Health Professions 4 hrs (may not use both as restricted electives)
- BIO 426 - Immunobiology 3 hrs
- BIO 429 - Bacterial Pathogenesis 3 hrs
- BIO 443 - Developmental Biology 3 hrs
- BIO 446 - Genome Analysis 4 hrs
- BIO 447 - Scanning Electron Microscopy 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
- BIO 472 - Parasitology 3 hrs
- BIO 473 - Concepts in Animal Physiology 3 hrs
- BIO 474 - Comparative Anatomy of Vertebrates 4 hrs
- BIO 476 - Mammalian Histology 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
- BIO 487 - Cooperative Education in Biology 3 hrs
- BIO 488 - Biology of Arachnids 3 hrs
- BIO 490 - Special Topics 1 hr
- BIO 491 - Special Topics 2 hrs
- BIO 492 - Special Topics 3 hrs
- BIO 497 - Undergraduate Research in Biology 1 hr
- BIO 498 - Undergraduate Research in Biology 2 hrs
- BIO 499 - Undergraduate Research in Biology 3 hrs

Chemistry: 16-17 hours

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEKN) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

Math: 3-4 hours

One course from the following:

- MATH 120 - Calculus I (GEQR) 4 hrs
- MATH 170 - Elementary Statistics (GEQR) 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor 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 pre-professional program should select Option I: CHEM 371/372/373 Organic Chemistry I-II with lab.*
- *No more than 6 credit hours total of BIO 387 - Cooperative Education in Biology and BIO 497/ BIO 498/ BIO 499 can be counted toward the major.*
- *Any Biology Core Course or Biology Core Lab can be counted either toward the Core Course/Core Lab requirements or toward the Restricted Elective requirement but not both.*

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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."

Department Information:

Biology Department - College of Arts & Sciences

Daniel Clemans, Ph.D., Department Head (I)

316 Mark Jefferson
(734) 487-4242
dclemans@emich.edu

Department Website

Advisor Information:

Students are strongly encouraged to make annual appointments with a departmental advisor by contacting:

Biology Department Office - (734) 487-4242

A faculty advisor will help you determine which courses to take and in what sequence, to make sure that you satisfy your degree requirements as efficiently as possible. If you have not already seen a Biology faculty advisor, you should make an appointment as soon as possible, and schedule yearly appointments thereafter.

For a list faculty advisors for specific interest areas, please follow this link.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 57-59 hours

Required Foundation Courses: 29 hours

Please Note: Effective Winter 2015, BIO 110 was split into separate lecture (BIO 110) and lab (BIO 111) courses and BIO 120 was split into separate lecture (BIO 120) and lab (BIO 121) courses

- BIO 110 - Introductory Biology I (GEKN) 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 (GEWI) 3 hrs
- BIO 311W - Laboratory in Ecology (GEWI) 3 hrs

Elective Courses: 1 hour

One hour at the 300-level or above in biology selected in consultation with a biology advisor. 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEKN) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

Math: 3-4 hours

One course from the following:

- MATH 120 - Calculus I (GEQR) 4 hrs
- MATH 170 - Elementary Statistics (GEQR) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 (GEKN) 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 (GEKN) 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.

Department Information:

Biology Department - College of Arts & Sciences

Daniel Clemans, Ph.D., Department Head (I)

316 Mark Jefferson
(734) 487-4242
dclemans@emich.edu

Department Website

Advisor Information:

Students are strongly encouraged to make annual appointments with a departmental advisor by contacting:

Biology Department Office - (734) 487-4242

A faculty advisor will help you determine which courses to take and in what sequence, to make sure that you satisfy your degree requirements as efficiently as possible. If you have not already seen a Biology faculty advisor, you should make an appointment as soon as possible, and schedule yearly appointments thereafter.

For a list faculty advisors for specific interest areas, please follow this link.

Required Courses: 13 hours

Please Note: Effective Winter 2015, BIO 110 was split into separate lecture (BIO 110) and lab (BIO 111) courses and BIO 120 was split into separate lecture (BIO 120) and lab (BIO 121) courses

- BIO 110 - Introductory Biology I (GEKN) 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 advisor. 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Conservation and Resource Use Minor

Revised Minor, effective Fall 2014

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 advisor.

Students are strongly urged to take PLSC 202 - State and Local Government (GEKS)

Department Information:

Biology Department - College of Arts & Sciences

Daniel Clemans, Ph.D., Department Head (I)

316 Mark Jefferson
(734) 487-4242
dclemans@emich.edu

Department Website

Advisor Information:

Students are strongly encouraged to make annual appointments with a departmental advisor by contacting:

Biology Department Office - (734) 487-4242

A faculty advisor will help you determine which courses to take and in what sequence, to make sure that you satisfy your degree requirements as efficiently as possible. If you have not already seen a Biology faculty advisor, you should make an appointment as soon as possible, and schedule yearly appointments thereafter.

For a list faculty advisors for specific interest areas, please follow this link.

Required Courses: 13-14 hours

- BIO 107 - Introduction to Environmental Science (GEGA) 3 hrs
  or
- ESSC 107 - Introduction to Environmental Science (GEGA) 3 hrs

- * BIO 226 - Global Ecology and the Environment 4 hrs
- ** ECON 202 - Principles of Microeconomics (GEKS) 3 hrs

One course from the following:

- *** ESSC 108 - Earth Science for Nonscience Majors (GEKN) 3 hrs
- *** ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs

Elective Courses: 9 hours

Nine hours from the following selected in consultation with the advising coordinator (at least six credit hours must be at the 300-level or above):

- BIO 130 - Biology of Plants 4 hrs
- BIO 140 - Biology of Animals 4 hrs
- BIO 215 - Plants and People (GEGA) 3 hrs
- BIO 310 - Ecology 3 hrs
- BIO 311W - Laboratory in Ecology (GEWI) 3 hrs
- BIO 410 - Limnology 3 hrs
- BIO 412 - Biogeography 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 (GEKN) 3 hrs
- CHEM 415 - Environmental Chemistry 3 hrs

- ECON 201 - Principles of Macroeconomics (GEKS) 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 (GEKN) 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 - The Global Climate System 3 hrs
- ESSC 495 - Environmental Assessment and Planning 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 276 - Principles of Geographic Information Systems 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 in the major and substitute 4 credits of additional approved electives in the minor. Biology majors cannot apply BIO 310 and BIO 311W to this minor.*

*** Students who elect ECON 201-202 for other purposes in their curricula, as in Business Administration, may not count ECON 202 as an elective in this minor and must substitute 3 credits of additional approved electives in the minor.*

**** Students required to take ESSC 108 - Earth Science for Nonscience Majors (GEKN)(Gen Ed Area IV) in a major or minor in the Geography and Geology Department must substitute 3 credits of additional approved electives in the minor.*

Critical Graduation Information:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Human Biology Minor

Revised Program, effective Fall 2014

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.

Department Information:

Biology Department - College of Arts & Sciences

Daniel Clemans, Ph.D., Department Head (I)

316 Mark Jefferson
(734) 487-4242
dclemans@emich.edu

Department Website

Advisor Information:

Students are strongly encouraged to make annual appointments with a departmental advisor by contacting:

Biology Department Office - (734) 487-4242

A faculty advisor will help you determine which courses to take and in what sequence, to make sure that you satisfy your degree requirements as efficiently as possible. If you have not already seen a Biology faculty advisor, you should make an appointment as soon as possible, and schedule yearly appointments thereafter.

For a list faculty advisors for specific interest areas, please follow this link.

Required Courses: 4-5 hours

Please Note: Effective Winter 2015, BIO 110 was split into separate lecture (BIO 110) and lab (BIO 111) courses.

One course from the following:

- BIO 105 - Introductory Biology for Non-majors (GEKN) 4 hrs
- BIO 106 - Biology from a Human Perspective (GEKN) 4 hrs
- BIO 110 - Introductory Biology I (GEKN) 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 - Microbiology for Health Professions 4 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

Due to the unique numbering system in place in the Department of Biology, it has been determined by the University that completion of the Human Biology minor as written in the catalog meets the requirements for graduation.

Note:

Minors should start with either BIO 105 or BIO 106 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 advisor for details.

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).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

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 advisor early in their program.

Department Information:

Biology Department - College of Arts & Sciences

Daniel Clemans, Ph.D., Department Head (I)

316 Mark Jefferson
(734) 487-4242
dclemans@emich.edu

Department Website

Advisor Information:

Students are strongly encouraged to make annual appointments with a departmental advisor by contacting:

Biology Department Office - (734) 487-4242

A faculty advisor will help you determine which courses to take and in what sequence, to make sure that you satisfy your degree requirements as efficiently as possible. If you have not already seen a Biology faculty advisor, you should make an appointment as soon as possible, and schedule yearly appointments thereafter.

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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 (GEGA) 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

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

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 advisor for details.*

Critical Graduation Information:

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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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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."

Department Information:

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dclemans@emich.edu

Department Website

Advisor Information:

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Required Courses: 25 hours

Please Note: Effective Winter 2015, BIO 110 was split into separate lecture (BIO 110) and lab (BIO 111) courses.

- BIO 110 - Introductory Biology I (GEKN) 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 (GEWI) 3 hrs
- BIO 311W - Laboratory in Ecology (GEWI) 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.

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- Earn a minimum of 30 credits from courses taken at EMU.
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Zoology Minor

Department Information:

Biology Department - College of Arts & Sciences

Daniel Clemans, Ph.D., Department Head (I)

316 Mark Jefferson
(734) 487-4242
dclemans@emich.edu

Department Website

Advisor Information:

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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.

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General Education Requirements:

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Biology

BIO 105 - Introductory Biology for Non-majors (GEKN)

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
Previously Listed As: BIOL 105
Knowledge of the Disciplines:
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 (GEKN)

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
Repeatable for Credit: No
Equivalent Courses: BIO 105
Knowledge of the Disciplines:
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 (GEGA)

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
Perspectives on a Diverse World:
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 understandings 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 (GEKN)

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
Course Revisions: *The following course revisions are effective Winter 2015,* **1)** The course description will read "This lecture course, taken concurrently with BIO 111, begins the two-semester introductory core sequence for Biology majors and minors. Students are introduced to cell structures and function, molecular biology, Mendalian and population genetics, evolutionary theory and ecology. These fundamental biological concepts, principles and processes will be reinforced in upper-level courses." **2)** Credit Hours will reduce to 3 hrs **3)** BIO 111 will be added as a co- **4)** Prerequisite requirement will change to "MATH 104, MATH 105, MATH 112, MATH 119, MATH 120, or (level 4 placement or level 3 placement) with concurrent registration in MATH 104"

Knowledge of the Disciplines:
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: Change to prerequisites 5/2014, effective Winter 2015; Change to course description, credit hours, and co-reqs 4/2014, effective Winter 2015

BIO 111 - Introductory Biology I Laboratory

This is a companion laboratory course to BIO 110, the first lecture course in the core sequence for Biology majors and minors. Students will be introduced to the fundamental concepts, principles, processes and techniques upon which all of biology is based and they will learn to competently use the scientific method through the application of these principles, concepts and processes.

Credit Hours: 2 hrs
Class Restrictions: All Undergraduates
Course Revisions: Effective Winter 2015, students will be required to take this course at the same time as BIO 110.

Last Updated: New Course 4/2014, effective Winter 2015

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
Course Revisions: The following course revisions are effective Winter 2015, **1)** The course description will read *"The basic concepts 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. Evolutionary theory, ecology, plan physiology, development and diversity; animal physiology, development, diversity and behavior will be covered in this second semester of a two-semester lecture sequence;"* **2)** The total credit hours will decrease to 3 hrs **3)** A 'C' grade or better in both BIO 110 and BIO 111 will be added as a prerequisite **4)** BIO 121 will be added as co-requisite.

Last Updated: Change to course description, credit hours, prerequisite and co-requisite 4/2014, effective Winter 2015

BIO 121 - Introductory Biology II Laboratory

This course is expected to complement the lecture content in BIO 120, which covers plant and animal systems. This is an inquiry-oriented laboratory that uses lab exercises to introduce students to appropriate methods of data collection and analysis. There will be an emphasis on scientific communication. Students will be expected to present results and conclusions in the form of written scientific reports and oral presentations. These will also require the reading, interpretation and incorporation of primary scientific literature.

Credit Hours: 2 hrs
Prerequisite: A 'C' grade or better in BIO 110 - Introductory Biology I (GEKN) and BIO 111 - Introductory Biology I Laboratory
Corequisites: BIO 120 - Introductory Biology II
Class Restrictions: All Undergraduates
Last Updated: New Course 4/2014, effective Winter 2015

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: Required in Plant Biology Minor if a student is not a Biology Major
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 (GEGA)

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
Perspectives on a Diverse World:

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 biofeul 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 or BIO 106
Previously Listed As: BIOL 226
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Prerequisite option added 4/2013, effective Winter 2014; 2/28/2011, Course Revision 6/2014, effective Winter 2015

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 BIO 106 or BIO 110 or CHEM 120
Previously Listed As: ZOOL 202
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015.

Last Updated: Prereq option added 6/2014, effective Fall 2014; Course Revision 6/2014, effective Winter 2015; Course added as a prerequisite option 4/2013, effective Winter 2014; 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 106 or BIO 110
Previously Listed As: BIOL 201
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: prerequisite option added 6/2014, effective Fall 2014; Course Revision 6/2014, effective Winter 2015

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 106 or BIO 110
Previously Listed As: BIOL 204
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Prereq Option added 6/2014, effective Fall 2014; Course Revision 6/2014, effective Winter 2015

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 or BIO 106 or BIO 110 or BIO 251
Previously Listed As: BIOL 223
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** "C or better" now required in all prerequisite courses, and **2)** BIO 257 will be changed to BIO 357

Last Updated: Prerequisite option added 6/2014, effective Fall 2014; course revision note 6/2014, effective Winter 2015;

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 106 or BIO 110 or BIO 251
Previously Listed As: BIOL 228
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** "C or better" now required in all prerequisite courses, and **2)** BIO 258 will be changed to BIO 358

Last Updated: Prereq option added 6/2014, effective Fall 2014; Course Revision note 6/2014, effective Winter 2015

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 or BIO 106 or BIO 110
Previously Listed As: BIOL 239
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** "C or better" now required in all prerequisite courses

Last Updated: Prerequisite option added 6/2014, effective Fall 2014; Course Revision 6/2014, effective Winter 2015

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 or BIO 106 or BIO 110 or BIO 251
Cross-Listed with: WGST 269
Previously Listed As: BIOL 269
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** "C or better" now required in all prerequisite courses, and **2)** BIO 269 will be changed to BIO 369

Last Updated: Prerequisite option added 6/2014, effective Fall 2014; Course Revision 6/2014, effective Winter 2015

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 (GEWI)

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Writing Intensive:

Last Updated: Prerequisite change 12/2012, Course Revision 6/2014, effective Winter 2015

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 (GEWI)

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: C or better in BIO 310
Previously Listed As: BIOL 311
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Writing Intensive:

Last Updated: Course Revision 6/2014, effective Winter 2015, 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 106 or BIO 120 or BIO 140
Previously Listed As: ZOOL 326
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015.

Last Updated: Course added as a prerequisite option 4/2013, effective Winter 2014; 03/2011, Course Revision 6/2014, effective Winter 2015

BIO 328 - Microbiology for Health Professions

This course examines the biology of bacteria, viruses and other microbes including their structure, metabolism and methods of control. Causative agents/mechanisms of common diseases as well as principles of immune control are also presented. This is a lecture/laboratory course with an Allied Health focus.

Credit Hours: 4 hrs
Prerequisite: ((BIO 105 or BIO 106 or BIO 110 or BIO 252) or SPMD 202) and (CHEM 120 or CHEM 122) and (Level 2 or higher math). 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: BIO 328 - Introductory Microbiology; MICR 328
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Change to Course Title, Description, Prerequisites 01/2014, effective Summer 2014; Course added as a prerequisite option 4/2013, effective Winter 2014; 03/2011, Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Credit Hour 03/2012; 03/2011, Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, 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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Graduate Credit 07/2011; Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: BIO 121 and "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course revision 9/14; Prereq 08/2014; Graduate Credit 07/2011; Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, Graduate Credit 07/2011; Links 03/2011.

BIO 416 - Behavioral Ecology

How animals use behavior to meet the demands of their lives in nature. We will examine behavioral aspects of survival, foraging, dispersal, habitat selection, mating, and parenting within the life histories of organisms. Students will be expected to discuss primary scientific literature and conduct original research in groups.

Credit Hours: 3 hrs
Prerequisite: BIO 310

Class Restrictions: Junior, Senior, Second Bac, Post Bac. Tchr. Cert.
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: New Course 1/2013, effective Summer 2013. Course Revision 6/2014, effective Winter 2015

BIO 417 - Conservation Biology

This course uses lectures, discussion, and off-campus field work to introduce foundational concepts in Conservation Biology. Topics include key threats to biodiversity loss (e.g., habitat fragmentation, over-harvesting, invasive species), methods to asses and ameliorate loss, and practical or ethical impediments to conservation efforts.

Credit Hours: 4 hrs
Prerequisite: BIO 310
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: New Course 4/2014, effective Fall 2014. Course Revision 6/2014, effective Winter 2015

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: CHEM 451 is highly recommended.
Previously Listed As: MICR 329
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, 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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, 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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, 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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, 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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, Prereq 08/2014; 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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, 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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Graduate Credit 07/2011; Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, 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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Course Revision 6/2014, effective Winter 2015, 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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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

Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

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 493 - Special Topics

An examination of advanced topics in biology not covered in other department offerings.

Credit Hours: 4 hrs
Repeatable for Credit: Yes
Last Updated: New Course 2/2014, effective Summer 2014

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Graduate Credit 7/2011; Links 03/2011. Course Revision 6/2014, effective Winter 2015

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
Course Revisions: "C or better" now required in all prerequisite courses, effective Winter 2015

Last Updated: Links 03/2011. Course Revision 6/2014, effective Winter 2015

Chemistry Programs

Chemistry

Major

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 predental 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.

Department Information:

Chemistry Department - College of Arts & Sciences

Steven Pernecky, Ph.D., Department Head
541 Science Complex
(734) 487-0106
spernecky@emich.edu
Website: http://www.emich.edu/chemistry

Advisor Information:

Steve Pernecky
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Phone: 734.487.0106

Hedeel Evans
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Phone: 734.487.0106

Debbie Heyl-Clegg
dheylcle@emich.edu
Phone: 734.487.0106

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 55-57

Required Courses: 50-52 hours

- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- * BIO 301 - Genetics 3 hrs

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEWI) 2 hrs
- CHEM 451 - Biochemistry I 3 hrs
- CHEM 452 - Biochemistry II 3 hrs
- CHEM 453W - Biochemistry Laboratory (GEWI) 2 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs
- PHY 223 - Mechanics and Sound (GEKN) 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:

** 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Chemistry Department - College of Arts & Sciences

Steven Pernecky, Ph.D., Department Head
541 Science Complex
(734) 487-0106
spernecky@emich.
Website: http://www.emich.edu/chemistry

Advisor Information:

Program Advisor: Tim Friebe
Phone: 734.487.1423
Email: tfriebe@emich.

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 12-14 hours

- MATH 120 - Calculus I (GEQR) 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs
- PHY 223 - Mechanics and Sound (GEKN) 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEWI) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Chemistry Department - College of Arts & Sciences

Steven Pernecky, Ph.D., Department Head
541 Science Complex
(734) 487-0106
spernecky@emich.
Website: http://www.emich.edu/chemistry

Advisor Information:

Program Advisor: Steve Pernecky
Phone: 734.487.0106
Email: spernecky@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 78 hours

Required Courses: 71 hours

- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- * BIO 301 - Genetics 3 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEWI) 2 hrs
- CHEM 461 - Chemical Thermodynamics and Kinetics 3 hrs
- CHEM 463W - Physical Chemistry Laboratory (GEWI) 2 hrs
- CHEM 465 - Quantum and Statistical Mechanics 3 hrs
- MATH 120 - Calculus I (GEQR) 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 (GEKN) 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.*

** *Certification by the American Chemical Society requires appropriate selection of electives from among those indicated with "**."*

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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 in the General Education section of the catalog: General Education

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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

Department Information:

Chemistry Department - College of Arts & Sciences

Steven Pernecky, Ph.D., Department Head
541 Science Complex
(734) 487-0106
spernecky@emich.
Website: http://www.emich.edu/chemistry

Advisor Information:

Program Advisor: Steve Pernecky
Phone: 734.487.0106
Email: spernecky@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 69-70 hours

Required Courses: 67-68 hours

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEWI) 2 hrs
- CHEM 465 - Quantum and Statistical Mechanics 3 hrs
- CHEM 481 - Instrumental Analysis 4 hrs
- MATH 120 - Calculus I (GEQR) 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 (GEKN) 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 (GEWI) 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.

Critical Graduation Information:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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 in the General Education section of the catalog: General Education

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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, qualifes 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.”

Department Information:

Chemistry Department - College of Arts & Sciences

Steven Pernecky, Ph.D., Department Head
541 Science Complex
(734) 487-0106
spernecky@emich.
Website: http://www.emich.edu/chemistry

Advisor Information:

Program Advisor: 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. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:

    1. Mathematics: PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.

    2. Writing: PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.

    3. Reading: PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.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:

5. 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.

6. 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.

Additional Requirements: 12-14 hours

- MATH 120 - Calculus I (GEQR) 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs
- PHY 223 - Mechanics and Sound (GEKN) 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEWI) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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.

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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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.

Minor

Biochemistry Minor

Department Information:

Chemistry Department - College of Arts & Sciences

Steven Pernecky, Ph.D., Department Head
541 Science Complex
(734) 487-0106
spernecky@emich.
Website: http://www.emich.edu/chemistry

Advisor Information:

Program Advisor: Steve Pernecky
Phone: 734.487.0106
Email: spernecky@emich.edu

Required Courses: 22-23 hours

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEWI) 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:

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Chemistry Minor

Department Information:

Chemistry Department - College of Arts & Sciences

Steven Pernecky, Ph.D., Department Head
541 Science Complex
(734) 487-0106
spernecky@emich.
Website: http://www.emich.edu/chemistry

Advisor Information:

Program Advisor: Tim Friebe
Phone: 734.487.1423
Email: tfriebe@emich.edu

Required Courses: 17 hours

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
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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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.”

Department Information:

Chemistry Department - College of Arts & Sciences

Steven Pernecky, Ph.D., Department Head
541 Science Complex
(734) 487-0106
spernecky@emich.
Website: http://www.emich.edu/chemistry

Advisor Information:

Program Advisor: Larry Kolopajlo
Phone: 734.487.0106
Email: lkolopajl@emich.edu

Required Courses: 24 hours

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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

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:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Communication, Media and Theatre Arts Programs and Courses

Communication, Media and Theatre Arts

Major

Arts and Entertainment Management Major

The Arts and Entertainment 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 with an approved off-campus professional arts organization, creative business or artist.

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 advisor 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.

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Susan Booth

Professor

306 King Hall

(734) 487-1883

sbooth1@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 47 hours

Arts Management: 15 hours

- CTAR 317 - Case Studies in Arts Management 3 hrs
  (Course may be repeated if topic is different)
- CTAR 313 - Contemporary Issues in Arts Management 3 hrs
  (Course may be repeated if topic is different)
- CTAR 452 - Arts Management 3 hrs
- CTAR 453W - Marketing the Arts (GEWI) 3 hrs
- CTAR 454 - Law, Public Policy and the Arts 3 hrs

Internships: 2 hours

Internships are designed with advisor's approval

- CTAR 487 - Internship in Arts Management 1 hr
- CTAR 488 - Internship in Arts Management 2 hrs
- CTAR 489 - Internship in Arts Management 3 hrs

Restricted Electives: 12 hours

- ARTS 104 - Graphic Design for Non-Majors (GEKA) 3 hrs
- CTAC 354 - Organizational Communication 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAR 426 - Fund Raising in the Arts 2 hrs
- CTAR 427 - Grant Writing for the Arts 2 hrs
- CTAT 334 - Radio-Television News 3 hrs
- CTAT 335 - Studies in Film 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (GEWI) 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 481 - Managing the Entrepreneurial Venture 3 hrs

Art Fundamentals: 18 hours

Required Courses: 12 hours

You must take the following 4 courses (12 hours)

- ARTH 100 - Art Appreciation (GEKA) 3 hrs
- CTAR 150L - Introduction to Theatre (GEKA & GELB) 3 hrs
- CTAT 145 - Introduction to Film Appreciation (GEKA) 3 hrs
- MUSC 107 - Music Appreciation (GEKA) 3 hrs

Restricted Elective Courses: 6 hours

Remaining 6 credits are at the discretion of the student, but must be a class chosen from the following list:

- ARTH 161 - Survey of Non-Western Art (GEGA) 3 hrs
- ARTH 162 - Survey of Western Art I (GEKA) 3 hrs
- ARTH 165 - Postmodern and Contemporary Art 3 hrs
- ARTH 263 - Survey of Western Art II 3 hrs
- ARTS 102 - Jewelry for Nonmajors 3 hrs
- ARTS 103 - Ceramics for Non-Majors (GEKA) 3 hrs
- ARTS 105 - Photography for Non-Majors (GEKA) 3 hrs
- ARTS 106L - Watercolor for Non-Majors (GEKA & GELB) 3 hrs
- ARTS 121 - Two-Dimensional Design 3 hrs
- ARTS 122 - Three-Dimensional Design 3 hrs
- ARTS 123 - Foundations Drawing I 3 hrs
- CTAR 140 - Script Analysis for Theatre Artists 3 hrs
- CTAR 151 - African American Theatre: An Introduction (GEUS) 3 hrs
- CTAR 152 - Technical Theatre: Scenery and Lighting 3 hrs
- CTAR 153 - Technical Theatre: Costume and Makeup 3 hrs
- CTAR 158 - Fundamentals of Acting (GEKA) 3 hrs
- CTAR 222 - Drama and Play in the Human Experience (GEKA) 3 hrs
- CTAT 130 - Introduction to Electronic Media 3 hrs
- CTAT 235 - International Cinema (GEGA) 3 hrs
- DANC 100 - Ballet I (GEKA) 3 hrs
- DANC 101 - Jazz I 2 hrs
- DANC 102 - Modern Dance Fundamentals (GEKA) 3 hrs
- DANC 103 - Tap I 2 hrs
- DANC 105 - African Dance 2 hrs
- MUSC 100 - Music Fundamentals (GEKA) 3 hrs
- MUSC 105 - Appreciating Jazz: America's Music (GEKA) 3 hrs
- MUSC 131 - University Choir 1 hr
- MUSC 149M - Marching Band (GELB) 1 hr
- MUSC 151 - Class Piano 2 hrs
- MUSC 244 - Jazz Ensemble 1 hr
- MUSC 248 - University Orchestra 1 hr
- MUSC 250 - Jazz Combo 1 hr
- MUSC 271 - Beginning Classical Guitar 2 hrs

Minor Requirements:

Arts Management students are required to take a minor in the College of Business either: Management Minor - (For nonbusiness majors) or Entrepreneurship Minor (For nonbusiness majors) or 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:

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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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additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Communication Major

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Dennis Patrick
Professor

Communication, Media & Theatre Arts
124 Quirk
(734) 487-3131
dpatrick1@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 36 hours

Foundation Courses: 15 hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs

Cultural Communication: 3 hours

One course from the following:

- CTAC 260 - Gender Communication (GEUS) 3 hrs
- CTAC 274 - Intercultural Communication (GEGA) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (GEUS) 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 (GEKS) 3 hrs
- CTAC 226 - Nonverbal Communication (GEKS) 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 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 (GEWI) 3 hrs
- CTAC 460 - Theories of Speech Criticism 3 hrs
- CTAC 475W - Research in Speech Communication (GEWI) 3 hrs
- CTAC 485W - Communication Theory (GEWI) 3 hrs

Capstone Experience: 3 hours

This course is restricted to Communication Majors only.

- CTAC 495L - Communication Capstone (GELB) 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 (GEKS) 3 hrs
- CTAC 226 - Nonverbal Communication (GEKS) 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 3 hrs
- CTAC 260 - Gender Communication (GEUS) 3 hrs
- CTAC 274 - Intercultural Communication (GEGA) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (GEUS) 3 hrs
- CTAC 310 - Health Communication 3 hrs
- CTAC 330 - Relational Communication 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 (GEWI) 3 hrs
- CTAC 460 - Theories of Speech Criticism 3 hrs
- CTAC 475W - Research in Speech Communication (GEWI) 3 hrs
- CTAC 485W - Communication Theory (GEWI) 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 (GEKH) 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.

Critical Graduation Information:

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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.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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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Communication, Media and Theatre Arts Comprehensive Major

Revised Program, effective Fall 2014

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 42 credit hours, at least nine must be in 300- and 400-level courses. Majors should plan their course selections carefully with a departmental advisor and present a copy of this plan to Academic Records and Certification when requesting a graduation audit.

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Dennis Patrick
Professor
Communication, Media & Theatre Arts

124 Quirk
(734) 487-3131
dpatrick1@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 42 hours

Required Courses: 3 hours

- 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 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 (GEKH) 3 hrs

III. Electronic Media and Film Studies

- CTAT 130 - Introduction to Electronic Media 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- * CTAT 145 - Introduction to Film Appreciation (GEKA) 3 hrs
- CTAT 235 - International Cinema (GEGA) 3 hrs
- CTAT 236 - History and Criticism of Radio and Television 3 hrs

IV. Theatre Arts

- CTAR 140 - Script Analysis for Theatre Artists 3 hrs
- * CTAR 151 - African American Theatre: An Introduction (GEUS) 3 hrs
- CTAR 152 - Technical Theatre: Scenery and Lighting 3 hrs
- CTAR 153 - Technical Theatre: Costume and Makeup 3 hrs
- * CTAR 158 - Fundamentals of Acting (GEKA) 3 hrs

V. Educational Drama

- * CTAR 222 - Drama and Play in the Human Experience (GEKA) 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 327 - Plays for the Young 3 hrs

Concentration: 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, as follows:

Communication Writing Intensive (Choose One):

- *CTAC 440W - Public Discourse Analysis*
- CTAC 475W - Research in Speech Communication
- CTAC 485W - Communication Theory

Theatre Arts, I/PS and Educational Darama Writing Intensive:

- CTAR 455W - Dramaturgy

Electronic Media Writing Intensive:

- CTAT 344W - Continuity Writing for Electronic Media

Elective Courses: 9 hours

nine hours selected from areas outside the concentration

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

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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 cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Geoffrey Hammill
Professor

124 Quirk

(734) 487-3131

ghammill@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 30-34 hours

Students must earn a "C" or better grade in each required course 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 (GEKA) 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 3 hrs
- CTAT 233 - Digital Video Editing 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 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 (GEWI) 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 (GEKA) 3 hrs
- CTAT 235 - International Cinema (GEGA) 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.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Brooke Dagnan
Associate Professor

hdagnan@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 30 hours

Students must earn a "C" or better in each course required 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 (GEKA) 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 (GEWI) 3 hrs
- CTAT 444 - Dramatic Scriptwriting for Visual Media 3 hrs

Theory Courses: 6 hours

Six hours from the following:

- CTAT 235 - International Cinema (GEGA) 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 advisor.

Minor Requirements:

This program requires a minor. Please contact your program advisor 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 advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Entertainment Design and Technology Major

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Jeromy Hopgood

Associate Professor

124 Quirk

(734) 487-3131

jhopgood@emich.edu

Melanie Schuessler

Associate Professor

124 Quirk

(734) 487-3131

mschuess@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 35-41 hours

Students must earn a C or better on individual courses for major requirements. At least nine hours must be 300-level or above courses.

Foundation Courses: 15 hours

- ARTS 122 - Three-Dimensional Design 3 hrs
- CTAA 167 - Theatre Practice 1 hr
- CTAA 267 - Theatre Practice 1 hr
- CTAA 367 - Theatre Practice 1 hr
- 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

Production Courses: 12 hours

Choose any four of the following courses:
** One of the courses chosen must be media/technology intensive*

- CTAR 252 - Stagecraft: Scenery & Props 3 hrs
- * CTAR 253 - Stagecraft: Lighting & Sound 3 hrs
- CTAR 255 - Stage Management 3 hrs
- CTAR 256 - Costume Construction and Crafts 3 hrs
- * CTAR 351 - Scene Design 3 hrs
- * CTAR 352 - Drafting for the Entertainment Industry 3 hrs
- * CTAR 353 - Digital Design for Theatre and the Entertainment Industry 3 hrs
- * CTAR 362 - Lighting Design: Stage and Beyond 3 hrs
- CTAR 364 - Stage Costume: Design and Construction 3 hrs
- CTAR 365 - Costume Draping 3 hrs
- CTAR 366 - Advanced Stage Make-up 3 hrs

Writing Intensive Course: 3 hours

Choose one of the following (this requirement may be fulfilled by taking one of the courses designated with a W in the History Courses category below):

- CTAR 453W - Marketing the Arts (GEWI) 3 hrs
- CTAR 455W - Dramaturgy (GEWI) 3 hrs
- CTAT 344W - Continuity Writing for Electronic Media (GEWI) 3 hrs

- DANC 350W - History of Dance: Prehistoric to Renaissance (GEWI) 3 hrs
  and
- DANC 351W - History of Dance: Romanticism to the Present (GEWI) 3 hrs
  Both History of Dance courses must be taken to fulfill the Writing Intensive requirement.

History Courses: 4-6 hours

Choose any two of the following courses (courses marked with W will also fulfill the Writing Intensive requirement above):

- ARTH 162 - Survey of Western Art I (GEKA) 3 hrs
- ARTH 165 - Postmodern and Contemporary Art 3 hrs
- CTAR 363 - Stage Costume: History and Theory 3 hrs
- CTAR 450 - History of the Theatre to 1642 3 hrs
- CTAR 451 - History of the Theatre 1642 to the Present 3 hrs
- DANC 350W - History of Dance: Prehistoric to Renaissance (GEWI) 3 hrs
- DANC 351W - History of Dance: Romanticism to the Present (GEWI) 3 hrs
  Both History of Dance courses must be taken to fulfill the Writing Intensive requirement.
- IDE 225 - History of Interiors from Antiquity to 1800 3 hrs
- IDE 226 - History of Interiors from 1800 to Present 3 hrs

Professional Development Courses: 5 hours

- CTAR 268 - Portfolio Development 1 hr

- CTAR 368 - Applied Entertainment Design and Technology I 1 hr
- CTAR 468 - Applied Entertainment Design and Technology II 1 hr
- CTAR 396 - Career Seminar 2 hrs

Cognate Elective Courses: 9 hours

Choose any nine hours from the following offerings outside of chosen minor:
** One of the courses chosen must be media/technology intensive*

Apparel, Textiles and Merchandising

- ATM 135 - Cultural Study of Dress 3 hrs
- ATM 212 - Textile Science I: Fibers & Yarns 3 hrs
- ATM 271 - Woven Structures and Design 3 hrs
- ATM 312 - Textile Science II: Fabric Formation, Dyeing and Finishing 3 hrs
- ATM 372 - Design and Production of a Fashion Show 3 hrs
- ATM 392 - Pattern Design 3 hrs
- ATM 404 - Textiles for Merchandising 3 hrs

Art

- ARTH 161 - Survey of Non-Western Art (GEGA) 3 hrs
- ARTH 162 - Survey of Western Art I (GEKA) 3 hrs
- ARTH 165 - Postmodern and Contemporary Art 3 hrs
- ARTS 104 - Graphic Design for Non-Majors (GEKA) 3 hrs
- ARTS 121 - Two-Dimensional Design 3 hrs
- ARTS 123 - Foundations Drawing I 3 hrs
- ARTS 235 - Beginning Sculpture 3 hrs
- ARTS 240 - Introduction to Fibers 3 hrs
- ARTS 245 - Introduction to Furniture Design 3 hrs

Communication Technology

- CMT 121 - Graphic Communication 3 hrs
- CMT 131 - Introduction to Computer Graphic Systems 3 hrs
- CMT 204 - Photographic Communication 3 hrs
- * CMT 205 - Digital Photo-Technology 3 hrs
- * CMT 301 - Multimedia Authoring Techniques 3 hrs

Electronic Media and Film Studies

- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- * CTAT 231 - Audio Recording Techniques 3 hrs
- CTAT 241 - Announcing Techniques for Electronic Media 3 hrs
- * CTAT 332 - Intermediate Television Production and Direction 3 hrs
- * CTAT 333 - Fundamentals of Electronic Moviemaking 3 hrs

Management

- MGMT 202 - Business Communication 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 450 - Leadership Theories and Practice 3 hrs

Marketing

- MKTG 261 - Contemporary Selling 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 425 - Sports and Event Marketing 3 hrs

Music

- MUSC 100 - Music Fundamentals (GEKA) 3 hrs
- MUSC 107 - Music Appreciation (GEKA) 3 hrs

Simulation, Animation and Gaming

- * SAG 105L - Introduction to Simulation, Animation and Gaming (GELB) 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 275 - Texturing and Mapping 3 hrs
- * SAG 305 - Environment Design 3 hrs
- * SAG 355 - Lighting and Camera Techniques 3 hrs

Theatre, Interpretation, Performance and Drama

- CTAR 155 - Producing Theatre 3 hrs
- CTAR 158 - Fundamentals of Acting (GEKA) 3 hrs
- CTAR 355 - Play Direction 3 hrs
- CTAR 452 - Arts Management 3 hrs
- CTAR 453W - Marketing the Arts (GEWI) 3 hrs

Minor Requirements:

This major requires a minor. Select a minor from the following:

- Apparel, Textiles and Merchandising Minor
- Art Minor
- Electronic Media and Film Studies Minor

- Entrepreneurship Minor (For nonbusiness majors)
- Graphic Communication Minor
- Music Minor
- Management Minor - (For nonbusiness majors)
- Marketing Minor - (For nonbusiness majors)

(Or other minors as approved by the CMTA 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Public Relations Major (Interdisciplinary - Communication)

Revised Program, effective Fall 2013

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.

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Dennis Patrick
Professor
Communication, Media & Theatre Arts
124 Quirk
(734) 487-3131
dpatrick1@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 45 hours

Required Fundamental Courses: 21 hours

- CMT 336 - Electronic Publishing Technology 3 hrs
- JRNL 201 - Public Relations and Public Responsibility (GEKS) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 221 - Fundamentals of Social Media 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs
- JRNL 314 - Writing for Public Relations 3 hrs

One course from the following:

- CTAC 354 - Organizational Communication 3 hrs
- CTAC 370 - Nonprofit Organizational Communication 3 hrs

Required Advanced Courses: 18 hours

- CTAC 475W - Research in Speech Communication (GEWI) 3 hrs
- JRNL 333 - Integrated Campaigns 3 hrs
- JRNL 403 - The Agency 3 hrs
- JRNL 408W - Case Studies in Public Relations (GEWI) 3 hrs

One course from the following:

- CTAT 344W - Continuity Writing for Electronic Media (GEWI) 3 hrs
- JRNL 306W - Feature Writing (GEWI) 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

Restricted Elective Courses: 6 hours

- ARTS 104 - Graphic Design for Non-Majors (GEKA) 3 hrs
- CMT 204 - Photographic Communication 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 357 - Interviewing as Communication 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs
- JRNL 307 - Copy Editing 3 hrs
- JRNL 317 - Crisis Management in Public Relations 3 hrs
- JRNL 379 - Special Topics 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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.

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Byron Bond
Professor

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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.

4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 39 hours

- CTAC 224 - Public Speaking 3 hrs
- CTAC 225 - Listening Behavior (GEKS) 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 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 (GEKH) 3 hrs
- CTAR 150L - Introduction to Theatre (GEKA & GELB) 3 hrs
- CTAR 155 - Producing Theatre 3 hrs
- CTAR 158 - Fundamentals of Acting (GEKA) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor 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.

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 College of Education Initial Teacher Preparation Program.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

Theatre Arts Major

Revised Program, effective Fall 2014

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

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Department Website

Advisor Information:

Terry Heck-Seibert

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Lee Stille

Professor

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lstille@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEKA) 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 (GEKH) 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 (GEWI) 3 hrs

Electives: Advanced Specialization: 9-12 hours

In consultation with an advisor, students will select an additional **9-12 hours** of coursework from the following list. This will permit students advanced specialized studies in acting, technical theatre, directing, theatre for the young, or interpretation/performance studies.

Note: the same courses cannot be selected to fulfill categories both of Restricted Electives and Electives.

- CTAO 205 - Voice and Articulation 3 hrs
- CTAO 210 - Interpretative Reading (GEKH) 3 hrs
- CTAO 310 - Ensemble Interpretation 3 hrs
- CTAO 314 - Interpretation of Drama 3 hrs
- CTAO 405 - Voice and Dialects 3 hrs
- CTAO 411 - Adapting and Directing Literature 3 hrs
- CTAO 412 - Interpretation of Prose & Poetry 3 hrs
- CTAO 415 - Performing Oral Narratives 3 hrs
- CTAO 418 - Performing Shakespeare I 3 hrs
- CTAO 419 - Performing Shakespeare II 3 hrs
- CTAR 151 - African American Theatre: An Introduction (GEUS) 3 hrs
- CTAR 222 - Drama and Play in the Human Experience (GEKA) 3 hrs
- CTAR 252 - Stagecraft: Scenery & Props 3 hrs
- CTAR 253 - Stagecraft: Lighting & Sound 3 hrs
- CTAR 255 - Stage Management 3 hrs
- CTAR 256 - Costume Construction and Crafts 3 hrs
- CTAR 258 - Movement for Actors 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 327 - Plays for the Young 3 hrs
- CTAR 351 - Scene Design 3 hrs
- CTAR 352 - Drafting for the Entertainment Industry 3 hrs
- CTAR 353 - Digital Design for Theatre and the Entertainment Industry 3 hrs
- CTAR 358 - Characterization 3 hrs
- CTAR 360 - Playwriting 3 hrs
- CTAR 362 - Lighting Design: Stage and Beyond 3 hrs
- CTAR 363 - Stage Costume: History and Theory 3 hrs
- CTAR 364 - Stage Costume: Design and Construction 3 hrs
- CTAR 365 - Costume Draping 3 hrs

- CTAR 366 - Advanced Stage Make-up 3 hrs
- CTAR 370 - Audition 3 hrs
- CTAR 380 - Musical Theatre Acting 2 hrs
- CTAR 421 - Musical Theatre Styles 2 hrs
- CTAR 427 - Grant Writing for the Arts 2 hrs
- CTAR 452 - Arts Management 3 hrs
- CTAR 462 - Directors on Directing 2 hrs
- CTAR 463 - The American Musical Stage 3 hrs
- CTAR 464 - Style for the Actor 3 hrs

No more than 6 credit hours from the following:

- CTAR 377 - Special Topics 1 hr
- CTAR 378 - Special Topics 2 hrs
- CTAR 379 - Special Topics 3 hrs
- CTAR 477 - Special Topics 1 hr
- CTAR 478 - Special Topics 2 hrs
- CTAR 479 - Special Topics 3 hrs
- CTAR 497 - Independent Study 1 hr
- CTAR 498 - Independent Study 2 hrs
- CTAR 499 - Independent Study 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
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General Education Requirements:

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

Minor

Arts Management Minor

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Susan Booth

Professor

306 King Hall

(734) 487-1883

sbooth1@emich.edu

Required Courses: 20-21 hours

- CTAR 452 - Arts Management 3 hrs
- CTAR 453W - Marketing the Arts (GEWI) 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 Non-Majors (GEKA) 3 hrs
- CMT 121 - Graphic Communication 3 hrs
- CTAR 426 - Fund Raising in the Arts 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 (GEWI) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- IS 215 - Information Systems for Business 3 hrs

Minor Total: 22-24 hours

Critical Graduation Information:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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 in the General Education section of the catalog: General Education

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

Communication Media and Theatre Arts Comprehensive Minor

Revised Program, effective Fall 2014

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

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(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Dennis Patrick
Professor
Communication, Media & Theatre Arts
124 Quirk
(734) 487-3131
dpatrick1@emich.edu

Core Requirement: 3 hours

- CTAO 205 - Voice and Articulation 3 hrs

Restricted Elective Courses: 9 hours

At least three credits from three of the five following concentrations

I. Communication

- CTAC 224 - Public Speaking 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 (GEKH) 3 hrs

III. Electronic Media and Film Studies

- CTAT 130 - Introduction to Electronic Media 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- CTAT 145 - Introduction to Film Appreciation (GEKA) 3 hrs
- CTAT 235 - International Cinema (GEGA) 3 hrs
- CTAT 236 - History and Criticism of Radio and Television 3 hrs

IV. Theatre Arts

- CTAR 140 - Script Analysis for Theatre Artists 3 hrs
- CTAR 151 - African American Theatre: An Introduction (GEUS) 3 hrs
- CTAR 152 - Technical Theatre: Scenery and Lighting 3 hrs
- CTAR 153 - Technical Theatre: Costume and Makeup 3 hrs
- CTAR 158 - Fundamentals of Acting (GEKA) 3 hrs

V. Educational Drama

- CTAR 222 - Drama and Play in the Human Experience (GEKA) 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 327 - Plays for the Young 3 hrs

Concentration Courses: 6 hours

At least one concentration (above) selected in consultation with advising coordinator (hours here are in addition to the restricted elective courses above). Consult your advisor for course options.

Elective Courses: 6 hours

Six hours selected from areas outside the concentration. Consult your advisor for course options.

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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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Communication Minor

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Dennis Patrick
Professor
Communication, Media & Theatre Arts
124 Quirk
(734) 487-3131
dpatrick1@emich.edu

Required Courses: 21 hours

Foundation Courses: 15 hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 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 (GEKS) 3 hrs
- CTAC 226 - Nonverbal Communication (GEKS) 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 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 (GEUS) 3 hrs
- CTAC 274 - Intercultural Communication (GEGA) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (GEUS) 3 hrs

Advanced Theory and Research: 3 hours

One course from the following:

- CTAC 440W - Public Discourse Analysis (GEWI) 3 hrs
- CTAC 460 - Theories of Speech Criticism 3 hrs
- CTAC 475W - Research in Speech Communication (GEWI) 3 hrs
- CTAC 485W - Communication Theory (GEWI) 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 (GEKS) 3 hrs
- CTAC 226 - Nonverbal Communication (GEKS) 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 3 hrs
- CTAC 260 - Gender Communication (GEUS) 3 hrs
- CTAC 274 - Intercultural Communication (GEGA) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (GEUS) 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 (GEWI) 3 hrs
- CTAC 460 - Theories of Speech Criticism 3 hrs
- CTAC 475W - Research in Speech Communication (GEWI) 3 hrs
- CTAC 485W - Communication Theory (GEWI) 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 (GEKH) 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:

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at 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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    - 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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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.

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Patricia Zimmer
Professor

124 Quirk

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pzimmer@emich.edu

Christine Tanner
Associate Professor

124 Quirk

(734) 487-3131

csmithta@emich.edu

Required Courses: 15 hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- CTAR 222 - Drama and Play in the Human Experience (GEKA) 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 (GEKH) 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 - Applied Theatre 3 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:

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

Electronic Media and Film Studies Minor

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Geoffrey Hammill
Professor

124 Quirk

(734) 487-3131

ghammill@emich.edu

Required Courses: 11 hours

Students must earn a "C" or better in each of the required courses for this major

- 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 (GEKA) 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.

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

Entertainment Design and Technology Minor

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Jeromy Hopgood

Associate Professor

124 Quirk

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Melanie Schuessler
Associate Professor

124 Quirk

(734) 487-3131

mschuess@emich.edu

Required Courses: 8 hours

- CTAA 167 - Theatre Practice 1 hr
- CTAA 267 - Theatre Practice 1 hr
- CTAR 152 - Technical Theatre: Scenery and Lighting 3 hrs
- CTAR 153 - Technical Theatre: Costume and Makeup 3 hrs

Restricted Elective Courses: 9 hours

Choose nine hours from the following courses:

- CTAR 252 - Stagecraft: Scenery & Props 3 hrs
- CTAR 253 - Stagecraft: Lighting & Sound 3 hrs
- CTAR 255 - Stage Management 3 hrs
- CTAR 256 - Costume Construction and Crafts 3 hrs
- CTAR 351 - Scene Design 3 hrs
- CTAR 352 - Drafting for the Entertainment Industry 3 hrs
- CTAR 353 - Digital Design for Theatre and the Entertainment Industry 3 hrs
- CTAR 362 - Lighting Design: Stage and Beyond 3 hrs
- CTAR 364 - Stage Costume: Design and Construction 3 hrs
- CTAR 365 - Costume Draping 3 hrs
- CTAR 366 - Advanced Stage Make-up 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- CTAT 231 - Audio Recording Techniques 3 hrs

History Courses: 3 hours

Choose three hours from the following courses:

- ARTH 162 - Survey of Western Art I (GEKA) 3 hrs
- ARTH 165 - Postmodern and Contemporary Art 3 hrs
- CTAR 363 - Stage Costume: History and Theory 3 hrs
- CTAR 450 - History of the Theatre to 1642 3 hrs
- CTAR 451 - History of the Theatre 1642 to the Present 3 hrs
- DANC 350W - History of Dance: Prehistoric to Renaissance (GEWI) 3 hrs
- DANC 351W - History of Dance: Romanticism to the Present (GEWI) 3 hrs
- IDE 225 - History of Interiors from Antiquity to 1800 3 hrs
- IDE 226 - History of Interiors from 1800 to Present 3 hrs

Professional Development Course: 1 hour

- CTAR 368 - Applied Entertainment Design and Technology I 1 hr

Minor Total: 21 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

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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.

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Brooke Dagnan
Associate Professor

hdagnan@emich.edu

Required Courses: 9 hours

Students must earn a "C" or better in each course required for this minor.

- CTAT 145 - Introduction to Film Appreciation (GEKA) 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

- AFC 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 (GEGA) 3 hrs

Theory:

- Approved Special Topics courses

- LITR 400 - Narrative in Literature and Film 3 hrs
- PHIL 370W - Philosophy and Narrative (GEWI) 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.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
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    - 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
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General Education Requirements:

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

Musical Theatre Minor

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Philip E Simmons
Associate Professor

124 Quirk

(734) 487-3131

psimmon2@emich.edu

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 (GEKA) 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 (GEKA) 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 (GEKA) 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 (GEKA) 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 (GEKA) 3 hrs
- DANC 200 - Ballet II 2 hrs
- DANC 478 - Special Topics 2 hrs
- MUSC 100 - Music Fundamentals (GEKA) 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.

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at 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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General Education Requirements:

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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.

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Byron Bond
Professor

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(734) 487-3131

bbond2@emich.edu

Required Courses: 24 hours

- CTAC 225 - Listening Behavior (GEKS) 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 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 (GEKH) 3 hrs
- CTAR 150L - Introduction to Theatre (GEKA & GELB) 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs

Minor Total: 24 hours

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.*

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.

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Theatre Arts Minor

Department Information:

Communication, Media & Theatre Arts Department - College of Arts and Sciences

Kathleen Stacey, Ph.D., Department Head (I)

124 Quirk
(734) 487-3131
kstacey@emich.edu

Department Website

Advisor Information:

Terry Heck-Seibert

Professor

124 Quirk

(734) 487-3131

tseibert@emich.edu

Lee Stille

Professor

124 Quirk

(734) 487-3131

lstille@emich.edu

Required Courses: 15 hours

- CTAR 140 - Script Analysis for Theatre Artists 3 hrs
- CTAR 155 - Producing Theatre 3 hrs
- CTAR 158 - Fundamentals of Acting (GEKA) 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:

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Communication

CTAC 124 - Foundations of Speech Communication (GEEC)

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
Effective Communication:
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 individuals 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 (GEKS)

The study of the behavior, processes and theory of human listening; practice in improving listening skills.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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.
Last Updated: -

CTAC 226 - Nonverbal Communication (GEKS)

An examination of nonverbal and situational behaviors, relationships, objects and events surrounding speech communication acts.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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.
Last Updated: *

CTAC 227 - Interpersonal Communication (GEKS)

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
Knowledge of the Disciplines:
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.
Last Updated: -

CTAC 260 - Gender Communication (GEUS)

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
Perspectives on a Diverse World:
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 (GEUS)

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
Repeatable for Credit: No
Cross-Listed with: WGST 265
Perspectives on a Diverse World:

Last Updated: New Course 12/2011, effective Winter 2012

CTAC 274 - Intercultural Communication (GEGA)

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
Perspectives on a Diverse World:
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.
Last Updated: -

CTAC 275 - Interracial/Interethnic Communication (GEUS)

The analysis of how ethnocentric attitudes toward perceived racial/ethnic minority group speakers/listeners influence interpersonal communication transactions.

Credit Hours: 3 hrs
Perspectives on a Diverse World:
CTAC 275 Interracial/Interethnic Communication on 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.
Last Updated: -

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

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
Repeatable for Credit: No
Last Updated: New Course 10/2012, effective Winter 2013

CTAC 330 - Relational Communication

This is an advanced interpersonal communication course that focuses on communication in the process of development maintenance, and dissolution of close relationships.

Credit Hours: 3 hrs
Prerequisite: CTAC 227
Class Restrictions: Junior and Senior
Last Updated: New Course 01/2014, effective Summer 2014

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 theater arts at the secondary level. Students will study current trends in the Michigan secondary education communication and theater co-curriculum and acquire skills essential to directing such programs.

Credit Hours: 3 hrs
Prerequisite: CTAC 124
Last Updated: Spelling Error 7/2014, Credit Hour Change 04/2012, effective Fall 2012; Links 04/2011

CTAC 440W - Public Discourse Analysis (GEWI)

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.
Writing Intensive:

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 (GEWI)

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.
Writing Intensive:

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 (GEWI)

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.
Writing Intensive:

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 (GELB)

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
Notes: Academic Service Learning Course (Winter 2015, CRN: 24014, 24910, 26769)
Learning Beyond the Classroom:

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: Added Course Note 12/2014; 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

CTA - Activities

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: Course type 07/2014; 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
Last Updated: Course type 07/2014

CTAA 167 - Theatre Practice

Students will receive on 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 type 07/2014; 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: Course type 07/2014; 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: Course type 07/2014Links 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
Last Updated: Course type 07/2014

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
Last Updated: Course type 07/2014

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
Last Updated: Course type 07/2014

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: Course type 07/2014; 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
Last Updated: Course type 07/2014

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 type 07/2014; 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: Course type 07/2014; 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: Course type 07/2014; 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
Last Updated: Course type 07/2014

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
Last Updated: Course type 07/2014

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
Last Updated: Course type 07/2014

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: Course type 07/2014; 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
Last Updated: Course type 07/2014

CTAA 367 - Theatre Practice

Students will receive on 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 type 07/2014; 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: Course type 07/2014; 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: Course type 07/2014; 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
Last Updated: Course type 07/2014

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
Last Updated: Course type 07/2014

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
Last Updated: Course type 07/2014

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: Course type 07/2014; 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: Course type 07/2014; 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 type 07/2014; 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: Course type 07/2014; 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: Course type 07/2014; 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
Last Updated: Course type 07/2014

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
Last Updated: Course type 07/2014

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: Course type 07/2014; 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
Last Updated: Course type 07/2014

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
Last Updated: Course type 07/2014

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
Last Updated: Course type 07/2014

CTA-Theatre and Educational Drama

CTAR 106 - Introduction to the Performing Arts (GEKA)

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
Knowledge of the Disciplines:
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
Repeatable for Credit: No
Last Updated: New Course 02/2012, effective Fall 2012

CTAR 150L - Introduction to Theatre (GEKA & GELB)

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
Knowledge of the Disciplines:
Theatre is an integral component of human experience. The study of thetre 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.
Learning Beyond the Classroom:

Last Updated: Gen Edu logo & Banner Code added 3/2014

CTAR 151 - African American Theatre: An Introduction (GEUS)

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
Perspectives on a Diverse World:
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 and 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 appreciate 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.
***Last Updated:** **

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 (GEKA)

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
Knowledge of the Disciplines:
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.
Last Updated: -

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 (GEKA)

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
Knowledge of the Disciplines:
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 activites, 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.
Last Updated: -

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 acitve; 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
Repeatable for Credit: No**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
Repeatable for Credit: No**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 255 - Stage Management

Principles and practices of stage management, including rehearsal coordination, prompt book and preparation and director/designer/cast/crew relationships during the production process for theatre, and events. Classroom instruction will be reinforced with practical experiences. Students assistant-stage manage for actual productions and events during the semester and

participate in rehearsals and performances.

Credit Hours: 3 hrs
Prerequisite: CTAR 155
Last Updated: Change Course Type 7/2014, New Course 12/2012, effective Summer 2013

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
Repeatable for Credit: No**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 268 - Portfolio Development

Techniques for design, creation, and presentation of a portfolio for use in the entertainment design and technology industry.

Credit Hours: 1 hr
Class Restrictions: Undergraduate Sophomore and above
Last Updated: Change Course Type 7/2014, New Course 12/2012, effective Summer 2013

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 352 - Drafting for the Entertainment Industry

A studio course offering an applied approach to creating draftings for the entertainment industry - both hand and computer-aided drafting (CAD). Course outcomes are focused on learning and executing drafting according to standards for the entertainment industry: theatre; dance; television/film; display; etc.

Credit Hours: 3 hrs
Prerequisite: CTAR 152
Last Updated: Change Course Type 7/2014, New Course 12/2012, effective Summer 2013

CTAR 353 - Digital Design for Theatre and the Entertainment Industry

Methods of techniques for the use of digital tablets and pixel-based and vector-based software, tailored for design in the theatre and entertainment industries.

Credit Hours: 3 hrs
Prerequisite: CTAR 150L or CTAR 152 or CTAR 153 or permission of instructor
Last Updated: Change Course Type 7/2014, New Course 12/2012, effective Summer 2013

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 365 - Costume Draping

Techniques for patternmaking using the draping method. Students will use muslin and dressforms to create patterns for basic and advanced garments and lean to evaluate both logistical and aesthetic factors in patternmaking.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** CTAR 153 or ATM 118 or instructor permission
Class Restrictions: All Undergraduates
Last Updated: Change Course Type 7/2014, New Course, 4/2013, effective Winter 2014

CTAR 366 - Advanced Stage Make-up

Study and practice of advanced two- and three-dimensional makeup materials and techniques for various entertainment venues.

Credit Hours: 3 hrs
Prerequisite: CTAR 153
Last Updated: Change Course Type 7/2014, New Course 12/2012, effective Summer 2013

CTAR 368 - Applied Entertainment Design and Technology I

A laboratory course in which students will fulfill a major technical or design role in a main-stage production within the department or other approved on-campus production.

Credit Hours: 1 hr
Repeatable for Credit: No**Prerequisite:** CTAA 167 and CTAR 268
Last Updated: Change Course Type 7/2014, New Course 12/2012, effective Summer 2013

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 Topics

An exploration and 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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, Graduate Credit 07/2011

CTAR 453W - Marketing the Arts (GEWI)

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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Writing Intensive:

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 (GEWI)

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.
Writing Intensive:

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 468 - Applied Entertainment Design and Technology II

An advanced laboratory course in which students will fulfill a major technical or design role in a main-stage production within the department or other approved on-campus production. Particular emphasis will be placed on documenting the student's work for use in their professional portfolio.

Credit Hours: 1 hr
Prerequisite: CTAR 368 and CTAA 267
Last Updated: Change Course Type 7/2014, New Course 12/2012, effective Summer 2013

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 Topics

An exploration and 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
Notes: Academic Service Learning Course (Winter 2015, CRN: 26221).
Last Updated: Course Note 12/2014

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 - Applied Theatre

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: 3 hrs
Notes: Academic Service Learning Course (Winter 2015, CRN: 26730). This is a graduate course in an undergraduate program.
Last Updated: Course Note 12/2014

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 theater.

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: Spelling Error 7/2014, Links 04/2011

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 (GEKH)

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
Knowledge of the Disciplines:
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.
***Last Updated:** **

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 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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 - Interpretation of Prose & Poetry

The application of the principles of oral interpretation to the performance of prose and poetry, with an emphasis on modern and contemporary short fiction and poetry. Limited attention given to longer works of fiction.

Credit Hours: 3 hrs
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Previously Listed As: "Oral Interpretation of Poetry"
Last Updated: Change in Course Title, Description, and Prerequisite 11/2013, effective Summer 2014; 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 (GEKA)

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
Knowledge of the Disciplines:
Motion pictures are one of the most dominant, dynamic and influential art from 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.
Last Updated: -

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

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
Last Updated: New Course 10/2012, effective Winter 2013

CTAT 233 - Digital Video Editing

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
Repeatable for Credit: No**Prerequisite:** CTAT 130 and CTAT 131
Concurrent Prerequisite: CTAT 132
Last Updated: New Course 10/2012, effective Winter 2013

CTAT 235 - International Cinema (GEGA)

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
Repeatable for Credit: No
Perspectives on a Diverse World:
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

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
Repeatable for Credit: No
Cross-Listed with: ARTH 255
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 (GEWI)

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
Writing Intensive:

Last Updated: *

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

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
Repeatable for Credit: No**Prerequisite:** CTAT 332 or CTAT 333
Notes: Academic Service Learning Course (Winter 2015, CRN: 26580).
Last Updated: Course Note 12/2014; 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

Computer Science Programs and Courses

Computer Science

Major

Computer Science - Applied Major

Revised Program, effective Winter 2014

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.

Department Information:

Computer Science Department - College of Arts & Sciences

Augustine Ikeji, Ph.D., Department Head

511D Pray Harrold
(734) 487-1063
aikeji@emich.edu

Department Website

Advisor Information:

Michael Zeiger, Ph.D.

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(734) 487-3203
mzeiger@emich.edu

Pamela Moore, M.S.

512C Pray Harrold
(734) 487-3205
pamela.moore@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 11 hours

- MATH 120 - Calculus I (GEQR) 4 hrs
- MATH 205 - Mathematical Structures for Computer Science 4 hrs
- MATH 360 - Statistical Methods 3 hrs

Major Requirements: 38 hours

Required Courses: 26 hours

- COSC 111 - Introduction to Programming 3 hrs
- COSC 112 - Introduction to Programming Online Lab 1 hr
- COSC 211 - Programming Data Structures 3 hrs
- COSC 212 - Programming Data Structures Online Lab 1 hr
- 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 (GEWI) 3 hrs

Restricted Elective Courses: 12 hours

Choose 4 courses from the following:

- COSC 315 - Symbolic Computing 3 hrs
- COSC 321 - Computer Organization II 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

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Computer Science Major

Program revision, effective Winter 2014

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.

Department Information:

Computer Science Department - College of Arts & Sciences

Augustine Ikeji, Ph.D., Department Head

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Department Website

Advisor Information:

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General Studies: 65-69 Hours

General Education Requirements:

For specific requirements refer to the General Education Program.

Mathematics Requirements: 17-18 hours

- MATH 120 - Calculus I (GEQR) 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 (GEKN) 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEKN) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs

Option IV: Physics

- PHY 223 - Mechanics and Sound (GEKN) 5 hrs
- PHY 224 - Electricity and Light 5 hrs

Comprehensive Computer Science Curriculum Major: 47 hours

Required Courses: 41 hours

- COSC 111 - Introduction to Programming 3 hrs
- COSC 112 - Introduction to Programming Online Lab 1 hr
- COSC 211 - Programming Data Structures 3 hrs
- COSC 212 - Programming Data Structures Online Lab 1 hr
- 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 (GEWI) 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

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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

Computer Science Minor

Revised Program, effective Winter 2014

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.

Department Information:

Computer Science Department - College of Arts & Sciences

Augustine Ikeji, Ph.D., Department Head

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Department Website

Advisor Information:

Advisor: Michael Zeiger, Ph.D.
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Email: mzeiger@emich.edu

Advisor: Pamela Moore, M.S.
Phone: 734.487.3205
Email: pamela.moore@emich.edu

Required Courses: 17 hours

- COSC 111 - Introduction to Programming 3 hrs
- COSC 112 - Introduction to Programming Online Lab 1 hr
- COSC 211 - Programming Data Structures 3 hrs
- COSC 212 - Programming Data Structures Online Lab 1 hr
- 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 (GEWI) 3 hrs

300-Level or above

All minors must have at least six hours of course work at the 300-level or above.

Minor Total: 23 hours

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Secondary Education Computer Science Education Minor

Revised Program, effective Winter 2014

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.

Department Information:

Computer Science Department - College of Arts & Sciences

Augustine Ikeji, Ph.D., Department Head

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Department Website

Advisor Information:

Advisor: Zenia Bahorski, Ph.D.
Email: zbahorski@emich.edu
Phone: 734.487.0270

Advisor: Pamela Moore, M.S.
Email: pamela.moore@emich.edu
Phone: 734.487.3205

Required Courses: 26 hours

- COSC 101 - Computer Science Concepts and Practical Applications 3 hrs
- COSC 111 - Introduction to Programming 3 hrs
- COSC 112 - Introduction to Programming Online Lab 1 hr
- COSC 211 - Programming Data Structures 3 hrs
- COSC 212 - Programming Data Structures Online Lab 1 hr
- COSC 221 - Computer Organization I 3 hrs
- COSC 303 - Applications in Computer Science 3 hrs

- COSC 306 - Methods of Teaching Computer Science in the Secondary Schools 3 hrs
- COSC 311 - Algorithms and Data Structures 3 hrs
- COSC 342 - Programming Languages for Educators 3 hrs

Minor Total: 26 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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

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
Repeatable for Credit: No
Last Updated: New Course 10/2012, effective Winter 2013

COSC 105 - Everyday Computing and Social Responsibility (GEGA)

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
Perspectives on a Diverse World:
The Internet has literally brought the world to your backdoor; this has caused a multitude of unintended and unplanned consequences. For example. Twitter, YouTube, Facebook have become the major tools of political dissension and news dissemination. Expanded use of the Internet forces us all to evaluate our own personal/national/cultural views on issues like privacy, copyright law, and freedom of speech, and to better understand how others in the international community views these issues. This is the goal of this course. Understanding the diverse views on these matters will allow students to make informed decisions about individual and collective actions whenever employing technology. As such, COSC 105 meets the requirements of the Perspectives on a Diverse World, Global Awareness section of the General Education program.

Last Updated: General Education Approval 10/2013, effective Winter 2014

COSC 106 - Explorations in Robotics (GEQR)

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
Quantitative Reasoning:

Last Updated: Gen Ed Approval 11/2009, effective Winter 2010

COSC 107 - Introduction to Software Engineering

For students in any discipline who will make decisions about the acquisition or design of software, this course imparts basic knowledge of and skills in software engineering, including software life cycles, requirements engineering, risk assessment, interaction methods, software structures, delivery methods, system integration, verification, and validation. No programming is required.

Credit Hours: 3 hrs
Last Updated: Spelling Error 7/2014, New Course 5/2013, effective Winter 2014

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
Concurrent Prerequisite: COSC 112
Last Updated: concurrent prerequisite added 11/2013, effective Winter 2014; Links 04/2011

COSC 112 - Introduction to Programming Online Lab

This course provides students with the opportunity to learn, practice and enhance their computer programming skills in an eLearning environment. Students get to practice a variety of problems related to computer programming and receive instant feedback. Topics covered include data types, arrays, if-else statements, and loop constructs. This course should be taken concurrently with Introduction to Programming (COSC 111) or by department permission.

Credit Hours: 1 hr
Repeatable for Credit: No**Prerequisite:** MATH 104 or equivalent
Concurrent Prerequisite: COSC 111
Last Updated: New Course 11/2013, effective Winter 2014

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 >=26, SAT math >=640, MPT3 >= 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 206 - Applied Programming II

A continuation of COSC 146 for the non-major. Advanced programming topics including file I/O, elementary data structures, and process management. Students work in a combination of lectures and supervised computer labs. Does not count towards the computer science minor, major or curriculum.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** COSC 146 and (MATH 104 or MATH 170)
Last Updated: New Course, 4/2013, effective Winter 2014

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
Concurrent Prerequisite: COSC 212
Last Updated: added concurrent prerequisite 11/2013, effective Winter 2014; Links 04/2011

COSC 212 - Programming Data Structures Online Lab

This course provides students with the opportunity to learn, practice and enhance their computer programming skills in an eLearning environment. Students get to practice a variety of problems related to computer programming and receive instant feedback. Topics covered include data types, arrays, if-else statements, and loop constructs. This course should be taken concurrently with Programming Data Structures (COSC 211) or by department permission.

Credit Hours: 1 hr
Repeatable for Credit: No**Prerequisite:** COSC 111 and COSC 112

Concurrent Prerequisite: COSC 211
Last Updated: New Course 11/2013, effective Winter 2014

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

Following an introductory course in computer programming, this course covers 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.

Credit Hours: 3 hrs
Prerequisite: COSC 111 or COSC 146 or COSC 246
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 or COSC 111 or COSC 145 or COSC 146 or MATH 105 or MATH 107 or MATH 118 or MATH 119 or MATH 120 or 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
Concurrent Prerequisite: COSC 221
Last Updated: Course Revision 5/2014, effective Fall 2014; Change to Prerequisites and co-requisites 12/2013, effective Summer 2014; 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 multifiles 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: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Change to prerequisites 01/2014, effective Summer 2014; 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 (GEWI)

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.
Writing Intensive:

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.

Department Information:

Economics Department - College of Arts & Sciences

Thomas K. Venner, Dean

Acting Department Head

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(734) 487-4344
tvenner@emich.edu

Department Website

Advisor Information:

James Saunoris, Ph.D.
Assistant Professor

703 Pray Harrold
(734) 487-3395
jsaunori@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEQR) 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 (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 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 445W - Economic Fluctuations and Forecasting (GEWI) 3 hrs
- ECON 455W - Cost-Benefit Analysis (GEWI) 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.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Bachelor of Business Administration in Economics

The Bachelor of Business Administration in Economics degree, offered by the College of Business (COB), is crafted to provide professional training in economics and in business for students contemplating administrative or research careers in business or government.

The program is unique in three respects:

- It allows students to pursue a major in economics while taking the same foundations courses required of all business students. Hence the name BBA in Economics.
- Pursuing both Business and Economics curricula is a natural and synergistic combination - each reinforces the other - making this program better than either economics or business alone, thereby, providing students with an advantage in a competitive job market.
- It provides students who wish to pursue graduate studies with the option of seeking an MBA, M.A. or Ph.D. in such fields as economics, finance or management.

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Note:

Students pursuing a BBA in Economics may choose to substitute ECON 310 - Economic Statistics for DS 265 as part of the College of Business Foundation Course requirement. ECON 310 is recommended for students who plan to take ECON 415 - Introduction to Econometrics as an elective.

BBA Economics Major Requirements: 69 hours

Department Information:

Economics Department - College of Arts & Sciences

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Acting Department Head

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Department Website

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

Economics Core: 33 Hours

Mathematics Course: 3-4 hours

Please select one Mathematics course from the following:

- MATH 105 - College Algebra (GEQR) 3 hrs
- MATH 118 - Linear Models and Probability (GEQR) 3 hrs
- MATH 119 - Applied Calculus (GEQR) 3 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs

Required Economics Courses: 9 hours

Students must successfully complete ECON 201 and ECON 202 (required for COB admission) prior to enrolling in the following courses.

- ECON 411 - Intermediate Macroeconomic Analysis 3 hrs

- ECON 412 - Intermediate Microeconomic Analysis 3 hrs

Select one course from the following:

- ECON 406W - History of Economic Thought (GEWI) 3 hrs
- ECON 445W - Economic Fluctuations and Forecasting (GEWI) 3 hrs
- ECON 455W - Cost-Benefit Analysis (GEWI) 3 hrs
- ECON 480W - International Economics (GEWI) 3 hrs

Restricted Elective Economics Courses: 20-21 hours

Students are to choose any ECON courses (300 level or above) to fullfill the remaining 20-21 credit hours. **However, students are advised to select courses that are most closely related to business applications.**

Although, not required, students may choose from among the three of the remaining writing intensive courses above, plus other courses closely related to business applications such as:

- ECON 320 - Labor Economics 3 hrs
- ECON 340 - Money and Banking 3 hrs
- ECON 350 - Government Finance 3 hrs
- ECON 361 - Financial Economics 3 hrs
- ECON 405 - Economic Analysis for Business 3 hrs
- ECON 415 - Introduction to Econometrics 3 hrs

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Students may choose to pursue a Bachelor of Business Administration in Economics in the College of Business

Department Information:

Economics Department - College of Arts & Sciences

Thomas K. Venner, Dean

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Department Website

Advisor Information:

James Saunoris, Ph.D.
Assistant Professor

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jsaunori@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 3-4 hours

One course from the following:

- MATH 118 - Linear Models and Probability (GEQR) 3 hrs
- MATH 119 - Applied Calculus (GEQR) 3 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs

Major Requirements: 30 hours

Required Courses: 15 hours

- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ECON 411 - Intermediate Macroeconomic Analysis 3 hrs
- ECON 412 - Intermediate Microeconomic Analysis 3 hrs

One course from the following:

- 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.

Minor Requirements:

This program requires a minor. Please contact your program advisor for a list of possible minors.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

Economics Minor

An Economics minor provides a useful combination with majors in Business, Mathematics, Political Science, Pre-Law, Philosophy and related fields.

Department Information:

Economics Department - College of Arts & Sciences

Thomas K. Venner, Dean

Acting Department Head

214 Pray-Harrold
(734) 487-4344
tvenner@emich.edu

Department Website

Advisor Information:

James Saunoris, Ph.D.
Assistant Professor

703 Pray Harrold
(734) 487-3395
jsaunori@emich.edu

Required Course: 6 hours

- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Economics

ECON 100 - Introduction to Economic Problems and Policies (GEKS)

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.
Knowledge of the Disciplines:
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.
Last Updated: *

ECON 103L - Economics for Living (GELB)

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 (GEGA)

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 bu the globalization of the world economy.

Credit Hours: 3 hrs
Perspectives on a Diverse World:
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 interation among the economies of different naitons. Economic interraltionships 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 acheiving positive, peaceful outcomes is enhanced by a thorough understanding of the differences amont the economies of the world.
Last Updated: -

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 (GEKS)

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)
Knowledge of the Disciplines:
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 (GEKS)

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.
Knowledge of the Disciplines:
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 (GEWI)

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.
Writing Intensive:

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 445W - Economic Fluctuations and Forecasting (GEWI)

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
Repeatable for Credit: ?**Prerequisite:** ECON 201, ECON 202 and ECON 411
Writing Intensive:

Last Updated: Gen Edu Credit 12/2012, effective Winter 2013; Prerequisites 07/2011; Links 04/2011

ECON 455W - Cost-Benefit Analysis (GEWI)

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
Writing Intensive:

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 (GEWI)

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
Writing Intensive:

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, courses 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

The Creative Writing Major (30 hours) and Minor (21 hours) emphasize interdisciplinarity and experimentation through the exploration of poetry, fiction, hybrid genres, and multimedia literature. The curriculum incorporates a comprehensive approach to creative writing and critical reading, as well as experience with new media. Students learn to draw from a range of contemporary artistic practices to explore the relationship between language and aesthetic structures. We offer a sequence of workshops introducing students to a wide variety of writing styles, methods, and forms while enabling students to focus on selected areas of interest. The major in Creative Writing concludes with a Capstone Project and student performance of original work.

The Creative Writing Program promotes community engagement while guiding students' exploration of the personal and social roles of language and literature. By reading and critiquing their peers' works, students engage in a culture of collaboration and review. In addition, through classroom visits, specialized workshops, and our BathHouse Events series, students enter into dialogue with authors, publishers, translators, editors, performers, and new media artists.

Elective courses broaden students' interaction in a larger arena of the arts while providing the expertise required for interdisciplinary approaches to writing. The Program encourages students to consider Art, Philosophy, Communication, Media, Literary Studies, and Theatre Arts as possible minors.

The Creative Writing Program prepares students for a range of writing possibilities and language-centered endeavors.

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Christine Hume
Email: chume@emich.edu

Program Advisor: Carla Harryman
Email: charryma@emich.edu

Program Advisor: Rob Halpern
Email: rhalpern@emich.edu

Phone Number for Advisors: 734-487-4220

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33 hours

Required Courses: 24 hours

- CRTW 201 - Introduction to Creative Writing (GEKA) 3 hrs
- CRTW 300 - Gateway to the Creative Writing Program 3 hrs
- CRTW 335W - Creative Writing (GEWI) 3 hrs
- CRTW 422W - Writer's Workshop (GEWI) 3 hrs
  Students are required to take CRTW 422W twice under different topic subtitles, for a total of 6 hrs.
- CRTW 426 - Contemporary Forms 3 hrs
- CRTW 490 - Capstone Project 3 hrs
- ENGL 300W - Writing About Literature (GEWI) 3 hrs

One of the following:

- LITR 360 - Recent Trends in British and American Literature 3 hrs
- LITR 400 - Narrative in Literature and Film 3 hrs
- LITR 422 - Studies in the Novel in Global Perspective 3 hrs

Restricted Electives: 6 hours

Any 300 or 400 level course. The CRTW faculty recommend the following courses:

- ARTH 475 - Seminar in Modern and Contemporary Art 3 hrs
- CRTW 335W - Creative Writing (GEWI) 3 hrs
- CRTW 422W - Writer's Workshop (GEWI) 3 hrs
- CTAO 411 - Adapting and Directing Literature 3 hrs
- CTAR 360 - Playwriting 3 hrs
- CTAR 361 - Dramatic Writing 2 hrs
- LITR 310 - Modern American Literature 3 hrs
- LITR 470 - Studies in Poetry 3 hrs
- LITR 480 - Studies in Literature and Culture 3 hrs
- PHIL 460W - Philosophy of Language (GEWI) 3 hrs

Minor Requirements:

This program requires a minor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

Creative Writing Majors are required to take CRTW 422W twice under different topic subtitles. Both CRTW 422W and CRTW 335W can be repeated multiple times by both Majors and Minors as restricted electives so long as topic subtitles are different.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

English Language Major

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Daniel Seely
Email: tseely@emich.edu

Program Advisor: Verónica Grondona
Email: vgrondona@emich.edu

Program Advisor: Beverley Goodman
Email: bgoodman@emich.edu

Phone Number for Advisors: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 30 hours

Required Courses: 19-21 hours

- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- WRTG 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:

- WRTG 484W - Seminar in Written Communications (GEWI) 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.
- WRTG 225 - Writing in a Changing World 3 hrs
- WRTG 326 - Research Writing 3 hrs
- ENGL 387 - Cooperative Education in English 3 hrs
- WRTG 424 - Technical Writing 3 hrs
- WRTG 427 - Technical Editing 3 hrs
- WRTG 428 - Writing Computer Documentation 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (GEWI) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

English Linguistics Major

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Daniel Seely
Email: tseely@emich.edu

Program Advisor: Verónica Grondona
Email: vgrondona@emich.edu

Program Advisor: Beverley Goodman
Email: bgoodman@emich.edu

Phone Number for Advisors: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEWI) 3 hrs
- LING 425W - Introduction to Syntax (GEWI) 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 (GEWI) 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
- WRTG 417 - Rhetoric and the Written Word 3 hrs
- GEOG 360 - Cultural Geography 3 hrs
- LING 425W - Introduction to Syntax (GEWI) 3 hrs
- MATH 170 - Elementary Statistics (GEQR) 3 hrs
- PHIL 281 - Symbolic Logic 3 hrs
- PSY 301W - Introductory Experimental Psychology (GEWI) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Carol Schlagheck
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Program Advisor: Jim Pinson
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Program Advisor: Charles Simmons
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Program Advisor Christine Tracy
Email: ctracy1@emich.edu

Phone Number for Advisors: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33 hours

Required Courses: 24 hours

- JRNL 213 - Introduction to Journalism (GEKS) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (GEWI) 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 Non-Majors (GEKA) 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 (GEWI) 3 hrs
- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- WRTG 424 - Technical Writing 3 hrs
- WRTG 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Language, Literature and Writing Major

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Joseph Csicsila
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Program Advisor: Andrea Kaston Tange
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Program Advisor: Elizabeth Däumer
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Program Advisor: Heather Neff
Email: heather.neff@emich.edu

Program Advisor: Craig Dionne
Email: craig.dionne@emich.edu

Program Advisor: Sandy Norton
Email: anorton@emich.edu

Phone Number for Advisors: 734.487.4220

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 36 hours

Required Courses: 12 hours

- ENGL 300W - Writing About Literature (GEWI) 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 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:

- WRTG 225 - Writing in a Changing World 3 hrs

- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs
- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- WRTG 326 - Research Writing 3 hrs
- WRTG 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

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- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Literature Major

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
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Department Website

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Craig Dionne
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Sandy Norton
Email: anorton@emich.edu

Phone Number for Advisors: (734) 487-4220

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 30 hours

Required Basic Literature Course: 6 hours

- ENGL 300W - Writing About Literature (GEWI) 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 (GEKH) 3 hrs
- LITR 251 - The Bible as Literature 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Public Relations Major (Interdisciplinary - English)

Revised Program, Effective Fall 2013

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.

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

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Department Website

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Regina Luttrell, Ph.D.

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rluttrel@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 45 hours

Required Fundamental Courses: 21 hours

- CMT 336 - Electronic Publishing Technology 3 hrs
- JRNL 201 - Public Relations and Public Responsibility (GEKS) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 221 - Fundamentals of Social Media 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs
- JRNL 314 - Writing for Public Relations 3 hrs

One course from the following:

- CTAC 354 - Organizational Communication 3 hrs
- CTAC 370 - Nonprofit Organizational Communication 3 hrs

Required Advanced Courses: 18 hours

- CTAC 475W - Research in Speech Communication (GEWI) 3 hrs
- JRNL 333 - Integrated Campaigns 3 hrs
- JRNL 403 - The Agency 3 hrs
- JRNL 408W - Case Studies in Public Relations (GEWI) 3 hrs

One course from the following

- CTAT 344W - Continuity Writing for Electronic Media (GEWI) 3 hrs
- JRNL 306W - Feature Writing (GEWI) 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

Restricted Elective Courses: 6 hours

- ARTS 104 - Graphic Design for Non-Majors (GEKA) 3 hrs
- CMT 204 - Photographic Communication 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 357 - Interviewing as Communication 3 hrs
- CTAC 359 - Small Group Communication 3 hrs
- CTAT 141 - Audio and Video Production for Nonmajors 3 hrs
- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs
- JRNL 307 - Copy Editing 3 hrs
- JRNL 317 - Crisis Management in Public Relations 3 hrs
- JRNL 379 - Special Topics 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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."

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
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Department Website

Advisor Information:

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Program Advisor: Cathy Fleischer
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Program Advisor: Bill Tucker
Email:wtucker@emich.edu

Phone Number for Advisors: 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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 36 hours

Required Courses: 9 hours

- ENGL 300W - Writing About Literature (GEWI) 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 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 (GEWI) 3 hrs
- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs
- WRTG 324W - Principles of Technical Communication (GEWI) 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 (GEWI) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Written Communication Major

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

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(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Coordinator: Program Advisors:

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Steve Krause skrause@emich.edu
Ann Blakeslee ablakesle@emich.edu
Bernie Miller bmiller2@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 18 hours

Choose one option from the following:

Option I: Technical Communication Courses: 18 hours

- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- WRTG 424 - Technical Writing 3 hrs
- WRTG 427 - Technical Editing 3 hrs
- WRTG 428 - Writing Computer Documentation 3 hrs
- WRTG 444 - Writing for the World Wide Web 3 hrs
- WRTG 484W - Seminar in Written Communications (GEWI) 3 hrs

Option II: Professional Writing Courses: 18 hours

- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs
- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs
- WRTG 424 - Technical Writing 3 hrs
- WRTG 484W - Seminar in Written Communications (GEWI) 3 hrs

One course from the following:

- WRTG 354 - Critical Digital Literacies 3 hrs
- WRTG 427 - Technical Editing 3 hrs
- WRTG 428 - Writing Computer Documentation 3 hrs
- WRTG 444 - Writing for the World Wide Web 3 hrs

Option III: Writing Studies Courses: 18 hours

- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- WRTG 417 - Rhetoric and the Written Word 3 hrs
- WRTG 484W - Seminar in Written Communications (GEWI) 3 hrs

One course from the following:

- WRTG 310 - Writing and Civic Literacy 3 hrs
- WRTG 354 - Critical Digital Literacies 3 hrs

One course from the following:

- WRTG 424 - Technical Writing 3 hrs
- WRTG 427 - Technical Editing 3 hrs
- WRTG 444 - Writing for the World Wide Web 3 hrs

One course from the following:

- CRTW 335W - Creative Writing (GEWI) 3 hrs
- JRNL 306W - Feature Writing (GEWI) 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 (GEWI) 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
- ENGL 387 - Cooperative Education in English 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (GEWI) 3 hrs
- JRNL 312 - Introduction to Public Relations 3 hrs
- WRTG 310 - Writing and Civic Literacy 3 hrs
- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs
- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- WRTG 326 - Research Writing 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- WRTG 354 - Critical Digital Literacies 3 hrs
- WRTG 417 - Rhetoric and the Written Word 3 hrs
- WRTG 424 - Technical Writing 3 hrs
- WRTG 427 - Technical Editing 3 hrs
- WRTG 428 - Writing Computer Documentation 3 hrs
- WRTG 444 - Writing for the World Wide Web 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor 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 advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

Children's Literature Minor

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Ramona Caponegro

603D Pray-Harrold
(734) 487-4830
rcaponeg@emich.edu

Required Courses: 21 hours

- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- CHL 208 - Multicultural Children's Literature (GEUS) 3 hrs

One course from the following:

- CHL 450W - Children's Literature: Criticism and Response (GEWI) 3 hrs

- CHL 451W - Writing about Controversy in Literature for the Young (GEWI) 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 137 - Harry Potter: Literary Allusion, Children's Literature and Popular Culture (GEKH) 3 hrs
- CHL 209 - Global Children's Literature (GEGA) 3 hrs
- CHL 351 - World Mythology 3 hrs
- CHL 352 - Folk Literature: Ballads and Folk Tales 3 hrs
- CHL 353 - Genders and Sexualities in Literature for Young Readers 3 hrs
- CHL 450W - Children's Literature: Criticism and Response (GEWI) 3 hrs
- CHL 451W - Writing about Controversy in Literature for the Young (GEWI) 3 hrs
- CHL 453 - Illustrated Texts: Picture Books, Comics, and Graphic Novels 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

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:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Creative Writing Minor

The Creative Writing Major (30 hours) and Minor (21 hours) emphasize interdisciplinarity and experimentation through the exploration of poetry, fiction, hybrid genres, and multimedia literature. The curriculum incorporates a comprehensive approach to creative writing and critical reading, as well as experience with new media. Students learn to draw from a range of contemporary artistic practices to explore the relationship between language and aesthetic structures. We offer a sequence of workshops introducing students to a wide variety of writing styles, methods, and forms while enabling students to focus on selected areas of interest. The major in Creative Writing concludes with a Capstone Project and student performance of original work.

The Creative Writing Program promotes community engagement while guiding students' exploration of the personal and social roles of language and literature. By reading and critiquing their peers' works, students engage in a culture of collaboration and

review. In addition, through classroom visits, specialized workshops, and our BathHouse Events series, students enter into dialogue with authors, publishers, translators, editors, performers, and new media artists.

Elective courses broaden students' interaction in a larger arena of the arts while providing the expertise required for interdisciplinary approaches to writing. The Program encourages students to consider Art, Philosophy, Communication, Media, Literary Studies, and Theatre Arts as possible minors.

The Creative Writing Program prepares students for a range of writing possibilities and language-centered endeavors.

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Christine Hume
Email: chume@emich.edu

Program Advisor: Carla Harryman
Email: charryma@emich.edu

Program Advisor: Rob Halpern
Email: rhalpern@emich.edu

Phone Number for Advisors: 734-487-4220

Required Courses: 15 hours

- CRTW 201 - Introduction to Creative Writing (GEKA) 3 hrs
- CRTW 300 - Gateway to the Creative Writing Program 3 hrs
- CRTW 335W - Creative Writing (GEWI) 3 hrs
- CRTW 422W - Writer's Workshop (GEWI) 3 hrs
- CRTW 426 - Contemporary Forms 3 hrs

Restricted Electives: 6 hours

Any 300 or 400 level course. The CRTW Faculty especially encourages the following:

- ARTH 475 - Seminar in Modern and Contemporary Art 3 hrs
- CRTW 335W - Creative Writing (GEWI) 3 hrs
- CRTW 422W - Writer's Workshop (GEWI) 3 hrs
- CTAO 411 - Adapting and Directing Literature 3 hrs

- CTAR 360 - Playwriting 3 hrs
- CTAR 361 - Dramatic Writing 2 hrs
- LITR 310 - Modern American Literature 3 hrs
- LITR 470 - Studies in Poetry 3 hrs
- LITR 480 - Studies in Literature and Culture 3 hrs
- PHIL 460W - Philosophy of Language (GEWI) 3 hrs

Minor Total: 21 hours

Notes:

Both CRTW 422W and CRTW 335W can be repeated multiple times by both Majors and Minors as restricted electives so long as topic subtitles are different.

Critical Graduation Information:

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

English Language Minor

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Daniel Seely
Email: tseely@emich.edu

Program Advisor: Verónica Grondona
Email: vgrondona@emich.edu

Program Advisor: Beverley Goodman
Email: bgoodman@emich.edu

Phone Number for Advisors: 734.487.4220

Required Courses: 12 hours

- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- LING 201 - An Introduction to Linguistics 3 hrs

One course from the following:

- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- WRTG 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 advisor.
- WRTG 225 - Writing in a Changing World 3 hrs
- WRTG 326 - Research Writing 3 hrs
- ENGL 387 - Cooperative Education in English 3 hrs
- WRTG 424 - Technical Writing 3 hrs
- WRTG 427 - Technical Editing 3 hrs
- WRTG 428 - Writing Computer Documentation 3 hrs
- WRTG 484W - Seminar in Written Communications (GEWI) 3 hrs
- ENGL 487 - Cooperative Education in English 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

English Linguistics Minor

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Daniel Seely
Email: tseely@emich.edu

Program Advisor: Verónica Grondona
Email: vgrondona@emich.edu

Program Advisor: Beverley Goodman
Email: bgoodman@emich.edu

Phone Number for Advisors: 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:

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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.

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Martin B. Shichtman
Email: mshichtma1@emich.edu
Phone: 734.487.4220

Required Courses: 6 hours

- HIST 204 - Introduction to the History of Judaism (GEKH) 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 (GEGA) 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 (GEKH) 3 hrs
- HIST 202 - Religions in Conflict and Dialogue: Judaism, Christianity, and Islam (GEGA) 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 438 - Nazi Germany 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 (GEUS) 3 hrs
- LITR 171 - Imagining the Holy Land (GEGA) 3 hrs
- LITR 251 - The Bible as Literature 3 hrs
- PHIL 215 - Philosophy of Religion (GEKH) 3 hrs
- PHIL 228 - Global Ethics (GEGA & GEKH) 3 hrs
- PHIL 470W - Twentieth Century European Philosophy (GEWI) 3 hrs
- PLSC 371 - Middle East Politics 3 hrs
- PSY 225 - Psychology of Religion 3 hrs

Minor Total: 21 hours

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Journalism Minor

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Carol Schlagheck
Email: carol.schlagheck@emich.edu

Program Advisor: Jim Pinson
Email: james.pinson@emich.edu

Program Advisor: Charles Simmons
Email: charles.simmons@emich.edu

Program Advisor Christine Tracy
Email: ctracy1@emich.edu

Phone Number for Advisors: 734.487.4220

Required Courses: 18 hours

- JRNL 213 - Introduction to Journalism (GEKS) 3 hrs
- JRNL 215 - News Writing and Reporting 3 hrs
- JRNL 306W - Feature Writing (GEWI) 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 Non-Majors (GEKA) 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 (GEWI) 3 hrs
- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- WRTG 424 - Technical Writing 3 hrs
- WRTG 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Language, Literature and Writing Minor

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Joseph Csicsila
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Program Advisor: Andrea Kaston Tange
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Program Advisor: Elizabeth Däumer
Email: edaumer@emich.edu

Program Advisor: Heather Neff
Email: heather.neff@emich.edu

Program Advisor: Craig Dionne
Email: craig.dionne@emich.edu

Program Advisor: Sandy Norton
Email: anorton@emich.edu

Phone Number for Advisors: 734.487.4220

Required Courses: 6 hours

- ENGL 300W - Writing About Literature (GEWI) 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 (GEUS) 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:

- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- WRTG 417 - Rhetoric and the Written Word 3 hrs

A second writing course from the following:

- WRTG 225 - Writing in a Changing World 3 hrs
- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs
- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- WRTG 326 - Research Writing 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- WRTG 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Literature Minor

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Joseph Csicsila
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Program Advisor: Andrea Kaston Tange
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Program Advisor: Elizabeth Däumer
Email: edaumer@emich.edu

Program Advisor: Heather Neff
Email: heather.neff@emich.edu

Program Advisor: Craig Dionne
Email: craig.dionne@emich.edu

Program Advisor: Sandy Norton
Email: anorton@emich.edu

Phone Number for Advisors: 734.487.4220

Required Courses: 3 hours

- ENGL 300W - Writing About Literature (GEWI) 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 (GEKH) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.”

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Doug Baker
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Program Advisor: John Staunton
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Program Advisor: Cathy Fleischer
Email: cathy.fleischer@emich.edu

Program Advisor: Bill Tucker
Email:wtucker@emich.edu

Phone Number for Advisors: 734.487.4220

Required Courses: 15 hours

- ENGL 300W - Writing About Literature (GEWI) 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- ENGL 408W - Writing for Secondary Teachers (GEWI) 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

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:

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Writing Minor

Revised Program, effective Fall 2013

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Program Advisor: Ann Blakeslee
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Program Advisor: Steve Krause
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Program Advisor: Phil Arrington
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Phone Number for Advisors: 734.487.4220

Required Courses: 9 hours

One course from the following:

- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs

- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs

One Course from the following:

- WRTG 310 - Writing and Civic Literacy 3 hrs
- WRTG 326 - Research Writing 3 hrs
- WRTG 354 - Critical Digital Literacies 3 hrs

One course from the following:

- WRTG 370 - Peer Tutoring 3 hrs
- WRTG 417 - Rhetoric and the Written Word 3 hrs
- WRTG 424 - Technical Writing 3 hrs

Restricted Elective Courses: 12 Hours

Choose four courses from the following; however, to fulfill this requirement, students cannot choose courses they have taken in the required option:

- CRTW 335W - Creative Writing (GEWI) 3 hrs
- WRTG 225 - Writing in a Changing World 3 hrs
- WRTG 310 - Writing and Civic Literacy 3 hrs
- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs
- WRTG 324W - Principles of Technical Communication (GEWI) 3 hrs
- WRTG 326 - Research Writing 3 hrs
- WRTG 328W - Writing, Style and Technology (GEWI) 3 hrs
- WRTG 354 - Critical Digital Literacies 3 hrs
- WRTG 370 - Peer Tutoring 3 hrs
- ENGL 387 - Cooperative Education in English 3 hrs
- WRTG 417 - Rhetoric and the Written Word 3 hrs
- WRTG 424 - Technical Writing 3 hrs
- WRTG 427 - Technical Editing 3 hrs
- WRTG 428 - Writing Computer Documentation 3 hrs
- WRTG 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 (GEWI) 3 hrs
- JRNL 312 - Introduction to Public Relations 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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 (GEKH)

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
Knowledge of the Disciplines:
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 commerical products? Are the book 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 (GEKH)

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
Knowledge of the Disciplines:
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 form 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 (GEUS)

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
Perspectives on a Diverse World:
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 (GEGA)

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
Perspectives on a Diverse World:

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
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
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 focus on issues of sexuality and gender.

Credit Hours: 3 hrs
Cross-Listed with: WGST 353
Last Updated: Spelling Error 7/2014, New Course 11/2012, effective Winter 2013

CHL 450W - Children's Literature: Criticism and Response (GEWI)

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.
Writing Intensive:

Last Updated: Graduate Credit 07/2011; Links 04/2011

CHL 451W - Writing about Controversy in Literature for the Young (GEWI)

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.
Notes: Academic Service Learning Course (Winter 2015, CRN: 27627)
Writing Intensive:

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
Repeatable for Credit: Yes
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 (GEKA)

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
Knowledge of the Disciplines:
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.
Last Updated: -

CRTW 300 - Gateway to the Creative Writing Program

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, interdisciplinary, among others.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** CRTW 201
Last Updated: New Course 10/2012, effective Winter 2013

CRTW 335W - Creative Writing (GEWI)

CRTW 335W is designed to focus equally on student writing and examination of contemporary literary arts practices. This class is offered in a variety of topics (see course descriptions on the Creative Writing homepage). It may be repeated multiple times by both majors or minors as a restricted elective so long as subtitles are different.

Credit Hours: 3 hrs
Repeatable for Credit: Yes**Prerequisite:** CRTW 300 or CRTW 201
Notes: Students pursuing the Creative Writing Major are strongly encouraged to review program requirements prior to enrolling in this course. As a requirement of their program, students following the 2013-2014 catalog and earlier, are required to complete CRTW 300 prior to enrolling in this course.
Correction - Students following the Creative Writing Major in the 2012-2013 catalog or a catalog that precedes it, are not required to complete CRTW 300 prior to enrolling in this course. Students following a catalog published after the Winter 2013 semester (starting with the 2013-2014 catalog) are required to complete CRTW 300 prior to enrolling in this course.
Writing Intensive:

Last Updated: Prereq change 7/2013, effective Winter 2014; Course Description change 4/2013, effective Fall 2013; Prerequisite Change 10/2012, effective Winter 2013; Links 04/2011

CRTW 422W - Writer's Workshop (GEWI)

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 arts practices. This class is offered in a variety of topics (see

course descriptions on the Creative Writing homepage). Majors are required to take this course twice under different topic subtitles. It may be repeated multiple times by both majors or minors as a restricted elective so long as subtitles are different.

Credit Hours: 3 hrs
Repeatable for Credit: Yes**Prerequisite:** CRTW 335W
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Writing Intensive:

Last Updated: Description Change 4/2013, effective Fall 2013; 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

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
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
Equivalent Courses: WRTG 120
Last Updated: Change to course equivalency 10/2013, effective Summer 2014

ENGL 121 - Composition II: Researching the Public Experience (GEEC)

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
Equivalent Courses: WRTG 121
Effective Communication:
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. Writings 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.
Last Updated: Added equivalent course 10/2013, effective Summer 2014

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 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 (GEWI)

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
Writing Intensive:

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 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 (GEWI)

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, WRTG 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: Effective Winter 2015, this course is no longer approved for Graduate credit.

Writing Intensive:

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 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; WRTG 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; WRTG 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; WRTG 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

WRTG 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)
Equivalent Courses: ENGL 310
Previously Listed As: ENGL 310
Last Updated: Prefix change 10/2013, effective Winter 2014; Links 04/2011

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 (GEKS)

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
Course Revisions: Effective Winter 2015, the following changes will be made to this course: **1)** Prefix change to PURL

Knowledge of the Disciplines:
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 wills 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.
Last Updated: Course Revision Note added 9/2014

JRNL 213 - Introduction to Journalism (GEKS)

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
Knowledge of the Disciplines:

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 221 - Fundamentals of Social Media

Explores emerging social media technologies and studies their application in contemporary PR practice. Topics include: Social Media, Web 2.0/3.0, blogs, wikis, podcasts, RSS Feeds, viral video, social media news releases, and more. Students learn how to use such technologies to monitor conversations on the Internet, engage on-line communications, identify influencers, and establish thought leadership.

Credit Hours: 3 hrs
Class Restrictions: All Undergraduates
Course Revisions: Effective Winter 2015, the following changes will be made to this course: **1)** Prefix change to PURL

Last Updated: Course Revision Note 9/2014; New Course, 4/2013, effective Winter 2014

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 (GEWI)

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
Writing Intensive:

Last Updated: Prerequisite Change 12/2012; 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 317 - Crisis Management in Public Relations

Study of functions of communications professionals during crisis situations. Covers public relations professionals as advocates for organizations and companies in crisis and the news media as advocates of the mass public. Discussion of cases.

Credit Hours: 3 hrs
Class Restrictions: All Undergraduates
Last Updated: New Course, 4/2013, effective Winter 2014

JRNL 333 - Integrated Campaigns

The variety and scope of media and communication tools that are available to PR practitioners includes everything from public Media to one-on-one communication. That is why today's PR practitioner needs to understand all aspects within the field of communications. This includes traditional public relations, advertising, marketing, social media, controlled media, interactive media, events, and one-on-one communication. The purpose of this course will focus on the planning, implementation and evaluation of an integrated campaign. This concept of integration reflects an increase in sophistication of organizations as they seek to use variety of strategies to convey consistent messages.

Credit Hours: 3 hrs
Repeatable for Credit: No
Course Revisions: Effective Winter 2015, the following revisions will be made to this course **1)** Prefix changed to "PURL"

Last Updated: New Course 4/2013, effective Winter 2014

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 403 - The Agency

Students learn to apply theory and production skills in providing communications products and services to clients. Projects involve some independent work, but the major emphasis is on teamwork in an effort to propose, plan and deliver media projects to to specific clients needs.

Credit Hours: 3 hrs
Repeatable for Credit: Yes, 6 hrs**Prerequisite:** JRNL 314
Last Updated: New Course, 4/2013, effective Winter 2014

JRNL 408W - Case Studies in Public Relations (GEWI)

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.
Writing Intensive:

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: WRTG 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

Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Class Restriction Removed 1/2013, effective Summer 2013; 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 AFC 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 LNGE 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 (GEWI)

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
Writing Intensive:

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 (GEWI)

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.
Writing Intensive:

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 (GEKH)

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
Knowledge of the Disciplines:

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.
Last Updated: *

LITR 101 - Imaginary Worlds: An Intro to Fiction (GEKH)

Reading and critical analysis of prose fiction intended to deepen the student's understanding and enjoyment of prose fiction.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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.
Last Updated: *

LITR 102 - Metaphor Matters: An Intro to Poetry (GEKH)

Reading and critical analysis of poetry intended to deepen the student's understanding and enjoyment of poetry.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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 from with implications for the development of and/or response to culture.
Last Updated: *

LITR 103 - All the World's a Stage: An Intro to Drama (GEKH)

Reading and critical analysis of drama intended to deepen the student's understanding and enjoyment of drama.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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.
Last Updated: *

LITR 106 - Rome and America (GEKH)

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
Knowledge of the Disciplines:
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 (GEUS & GEKH)

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
Perspectives on a Diverse World:
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.
Knowledge of the Disciplines:

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.
***Last Updated:** **

LITR 161 - Native American Literature (GEUS & GEKH)

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
Perspectives on a Diverse World:
LITR 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.
Knowledge of the Disciplines:

LITR 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,m 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.
***Last Updated:** **

LITR 163 - Jewish-American Literature and Culture (GEUS)

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 more forward in the vibrant intellectual life of the 20th and 21st centuries.

Credit Hours: 3 hrs
Perspectives on a Diverse World:
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.
***Last Updated:** **

LITR 164 - Introduction to Asian American Literature (GEUS)

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
Perspectives on a Diverse World:
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.
***Last Updated:** **

LITR 171 - Imagining the Holy Land (GEGA)

"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
Perspectives on a Diverse World:

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 (GEKH)

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
Repeatable for Credit: No
Knowledge of the Disciplines:
This course has been developed in response to student interest in examining literature that goes against the grain of societal and/or literary conventions. Course topics will vary by instructor, according to themes or literary movements that reflect the course emphasis and may include topics like students in Beat Literature, Anti-War literature, and literature of Social Protests, among others. The course will include texts from a range of literary genres. Texts chosen will be examined in their historical, cultural, philosophical, and critical contexts, for the ways in which they promote greater understanding of the literature of protests and its adversarial or outsider relationship to the broader literary canon, which such works both react against and re=define. Students will acquire literary terms and apply them in analysis of literary texts; they will investigate issues in and approaches to literary analysis, and they will develop the skills of close reading and writing about literature. While investigating social, cultural, and aesthetic controversies, they will practice interpretive and writing skills. Through their studies, students will gain an appreciation for the ways in which literature is both affected by and promotes social and ideological change.
Last Updated: Gen Edu Approval 5/2013, effective Winter 2014; 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 (GEKH)

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
Knowledge of the Disciplines:

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.
Last Updated: *

LITR 201 - Introduction to Science Fiction (GEKH)

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 literacy analysis.

Credit Hours: 3 hrs
Knowledge of the Disciplines:

Last Updated: Spelling Error 7/2014, 03/2011

LITR 202 - Current Events in World Literature (GEGA)

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 genes as well as writing in different styles.

Credit Hours: 3 hrs
Perspectives on a Diverse World:

Last Updated: Links 03/2011

LITR 210 - Introduction to Shakespeare (GEKH)

An introduction to at least five of Shakespeare's plays with emphasis upon the tragedies.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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.
Last Updated: *

LITR 241 - Global Images, Narrative Worlds (GEGA)

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
Perspectives on a Diverse World:
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 tests 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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Cross-Listed with: WGST 445
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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

Writing

WRTG 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
Equivalent Courses: ENGL 120
Last Updated: New Course 10/2013, effective Summer 2014

WRTG 121 - Composition II: Researching the Public Experience (GEEC)

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
Equivalent Courses: ENGL 121
Effective Communication:
In WRTG 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. Writings 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. Writing 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.
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Repeatable for Credit: yes
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Repeatable for Credit: Yes
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Repeatable for Credit: Yes
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Previously Listed As: ENGL 225
Last Updated: Prefix Change 10/2013, effective Summer 2014; Links 04/2011

WRTG 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
Repeatable for Credit: Yes
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Repeatable for Credit: Yes
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 323W - Writing in the Professional World (GEWI)

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 323W, ENGL 323
Writing Intensive:

Last Updated: Prefix Change 10/2013, effective Summer 2014; Gen Ed Approval 5/2012; Links 01/2012

WRTG 324W - Principles of Technical Communication (GEWI)

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 324W; ENGL 324
Writing Intensive:

Last Updated: Prefix Change 10/2013, effective Summer 2014; Gen Ed Approval 5/2012; Links 04/2011

WRTG 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
Previously Listed As: ENGL 326
Last Updated: Prefix Change 10/2013, effective Summer 2014; Links 04/2011

WRTG 328W - Writing, Style and Technology (GEWI)

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, WRTG 225, ENGL 300W, WRTG 323W, WRTG 324W or WRTG 326
Previously Listed As: ENGL 328W, ENGL 328
Writing Intensive:

Last Updated: Prefix Change 10/2013, effective Summer 2014; Gen Ed Approval 5/2012; Links 04/2011

WRTG 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
Previously Listed As: ENGL 354
Last Updated: Prefix Change 10/2013, effective Summer 2014; Links 04/2011

WRTG 370 - Peer Tutoring

This course addresses strategies and approaches for working one-to-one with students from across the disciplines to help them improve their writing. It prepares students to be peer writing tutors in the University Writing Center.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** ENGL 121 or equivalent
Class Restrictions: Undergraduate, Sophmore and above
Previously Listed As: ENGL 370
Last Updated: Prefix Change 10/2013, effective Summer 2014; New Course 4/2013, effective Winter 2014

WRTG 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
Repeatable for Credit: Yes
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Repeatable for Credit: Yes
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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.
Previously Listed As: ENGL 417
Last Updated: Prefix Change 10/2013, effective Summer 2014; Graduate Credit 07/2011; Links 04/2011

WRTG 424 - Technical Writing

An advanced workshop that prepares students to communicate, particularly to write, on the job.

Credit Hours: 3 hrs
Prerequisite: WRTG 324W
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Previously Listed As: ENGL 424
Last Updated: Prefix Change 10/2013, effective Summer 2014; Graduate Credit 07/2011; Links 04/2011

WRTG 427 - Technical Editing

Editing of technical material for publication. Principles of style, format, graphics layout and publication management.

Credit Hours: 3 hrs
Prerequisite: WRTG 324W
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Previously Listed As: ENGL 427
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, Prefix Change 10/2013, effective Summer 2014; Graduate Credit 07/2011; Links 04/2011

WRTG 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 WRTG 324W or department permission
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.

Previously Listed As: ENGL 428
Last Updated: Prefix Change 10/2013, effective Summer 2014; Graduate Credt 07/2011; Links 04/2011

WRTG 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 WRTG 225, ENGL 300W or any 300-level ENGL class
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Previously Listed As: ENGL 444
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, Prefix Change 10/2013, effective Summer 2014; Graduate Credit 07/2011; Links 04/2011

WRTG 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
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Repeatable for Credit: Yes
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 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
Repeatable for Credit: Yes
Last Updated: New Course 10/2013, effective Winter 2014

WRTG 484W - Seminar in Written Communications (GEWI)

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: WRTG 424
Previously Listed As: ENGL 484W, ENGL 484

Writing Intensive:

Last Updated: Prefix Change 10/2013, effective Summer 2014; Gen Ed Approval 5/2012; Links 04/2011

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 advisor, 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.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information

Todd Grote, Ph.D.	**Maria-Serena Poli, Ph.D.**	**Katherine Ryker, Ph.D.**
303 C Mark Jefferson	221 Strong Hall	301W Mark Jefferson
(734) 487-7570	(734) 487-8063	(734) 487-6712
tgrote@emich.edu	mpoli@emich.edu	kryker@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 12-13 hours

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr

- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs

One of the following:

Either

- MATH 105 - College Algebra (GEQR) 3 hrs

or

- MATH 119 - Applied Calculus (GEQR) 3 hrs

and

- MATH 107 - Plane Trigonometry 2 hrs

or

- MATH 112 - Topics in Precalculus Mathematics (GEQR) 4 hrs

or

- MATH 120 - Calculus I (GEQR) 4 hrs

Major Requirements: 34-35 hours

Required Courses: 31 hours

- ESSC 110 - The Dynamic Earth System (GEKN) 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 (GEWI) 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 - The Global Climate System 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 (GEWI) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Geography Major

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.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Chris Mayda, Ph.D

Geography and Geology

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Zachary Moore, Ph.D.

Geography and Geology

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zmoore@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33-34 hours

Required Courses: 18 hours

- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- ESSC 227 - Topographic Maps 2 hrs
- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 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 - The Global Climate System 3 hrs
- ESSC 425W - Severe and Unusual Weather (GEWI) 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 - Unsettled Geographies 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 (GEWI) 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 advisor for a list of possible minors.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Geography Major - Geo-Tourism Concentration

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.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Kim Kozak, Ph.D
Geography and Geology

118 E Strong Hall

(734) 487-3885

kkozak@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 57 hours

Required Courses: 30 hours

- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- ESSC 227 - Topographic Maps 2 hrs
- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 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 (GEWI) 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 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 (GEGA) 3 hrs
- ESSC 114 - Geology of the National Parks (GEKN) 4 hrs
- ESSC 324 - Weather 3 hrs
- ESSC 424 - The Global Climate System 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 - First Aid and CPR Certification 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.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Geology Major - General Geology Concentration

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.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
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Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

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Geography and Geology

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Steve LoDuca, Ph.D.

Geography and Geology

214 Strong Hall

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Christine Clark, Ph.D.

Geography and Geology

303 B Mark Jefferson

(734) 487-8590
cclark7@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 6-8 hours

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr

One of the following:

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 112 - Topics in Precalculus Mathematics (GEQR) 4 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs

Major Requirements: 35 hours

- ESSC 110 - The Dynamic Earth System (GEKN) 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 (GEWI) 3 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Geology Major - Hydrogeology Concentration

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.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Michael Kasenow, Ph.D.

Geography and Geology

219 Strong Hall

(734) 487-8485

mkasenow@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 68-70 hours

- Field Hydrogeology (2 hrs)
  * see note

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- ESSC 110 - The Dynamic Earth System (GEKN) 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
- ESSC 326 - Structural Geology 4 hrs
- ESSC 329 - Igneous and Metamorphic Petrology 4 hrs
- 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 (GEWI) 3 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs

- MATH 121 - Calculus II 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs
- PHY 223 - Mechanics and Sound (GEKN) 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:

* *The hydrogeology field course may be selected from a number of universities with approval from a geology adviser.*

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Geology Major - Professional Concentration

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.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Mike Bradley, Ph.D.

Geography and Geology

227 Strong Hall

(734) 487-8592
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Steve LoDuca, Ph.D.

Geography and Geology

214 Strong Hall

(734) 487-8589
sloduca@emich.edu

Christine Clark, Ph.D.

Geography and Geology

303 B Mark Jefferson

(734) 487-8590
cclark7@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 69-74 hours

Required Courses: 60-62 hours

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- ESSC 110 - The Dynamic Earth System (GEKN) 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 (GEWI) 3 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs
- MATH 121 - Calculus II 4 hrs

One course from the following:

- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs
- PHY 223 - Mechanics and Sound (GEKN) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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."

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 advisor before you declare this major.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Dr. Katherine Ryker, Ph.D.

Geography and Geology

301W Mark Jefferson

(734) 487-6712

kryker@emich.edu

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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.

Additional Requirements: 16-17 hours

- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs

One course from the following:

- MATH 120 - Calculus I (GEQR) 4 hrs
- MATH 170 - Elementary Statistics (GEQR) 3 hrs

Major Requirements: 36 hours

- ASTR 205 - Principles of Astronomy (GEKN) 4 hrs
- ESSC 110 - The Dynamic Earth System (GEKN) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Secondary Education Geography/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 history certification code CC and geography certification code CB. This program of study meets all requirements of the National Council for Social Studies. The Michigan Test for Teacher Certification (MTTC) covering these fields are #009 History and #008 Geography.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
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rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Zachary Moore, Ph.D.

Geography and Geology
236 Strong Hall

(734) 487-8588
zmoore@emich.edu

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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.

Required Courses: 48 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 (GEKN) 4 hrs
- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- GEOG 276 - Principles of Geographic Information Systems 3 hrs
- GEOG 311 - History and Geography of the Modern World 3 hrs
- GEOG 313 - Geography of Michigan 2 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs
- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 3 hrs
- HIST 300W - Researching and Writing History (GEWI) 3 hrs
- HIST 311 - History and Geography of the Modern World 3 hrs
- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (GEKS) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Bob Jones, Ph.D.
Geography and Geology
213 Strong Hall

(734) 487-8488
rjones16@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GELB) 4 hrs
- URP 415W - Methods of Planning Analysis (GEWI) 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
- URP 387 - Cooperative Education 3 hrs
- URP 487 - Cooperative Education 3 hrs
- URP 488 - Internship 4 hrs
- URP 489 - Internship 5 hrs
- URP 490 - Internship 6 hrs
- URP 497 - Independent Study 1 hrs
- URP 498 - Independent Study 2 hrs
- URP 499 - Independent Study 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 3 hrs
- URP 409 - Professional Practice for Planners 2 hrs
- URP 452 - Infrastructure Planning and Policy 3 hrs
- URP 456 - Zoning and Land Development Regulation 2 hrs
- URP 459 - Planning/Preservation Studio 3 hrs

Minor Requirements: 20 hours

This program requires a minor. Please contact your program advisor 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 advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

William Welsh, Ph.D.
Geography and Geology
215 Strong Hall

(734) 487-7586
wwelsh@emich.edu

Hugh Semple, Ph.D.
Geography and Geology
118D Strong Hall

(734) 487-8169
hsemple@emich.edu

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 Non-Majors (GEKA) 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 (GEQR) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs

One course from the following:

- COSC 145 - Introduction to FORTRAN Programming 3 hrs
- IS 215 - Information Systems for Business 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Coastal Environments Minor

Revised program, effective Fall 2014

The Coastal Environments Minor is designed to provide students with the basic knowledge and skills necessary to identify and asses coastal environmental problems. The required core courses integrated principles and methodologies from geology and oceanography, and provide a comprehensive education in process and features that characterize coastal areas. Elective courses allow students to gain an interdisciplinary view of issues that confront coastal settings and communities. This is an ideal complimentary minor for students majoring in other disciplines and interested in geoscience, marine science, environmental science, environmental planning, GIS and remote sensing, and related fields. *Students majoring in Earth Science should consult with an advisor before electing this minor.*

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Maria-Serena Poli, Ph.D.
Geography and Geology
221 Strong Hall

(734) 487-8063
mpoli@emich.edu

Required Courses: 16 hours

- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- ESSC 320 - Oceanography 3 hrs
- ESSC 450 - Lake and Coastal Processes 3 hrs
- ESSC 485 - Introduction to Remote Sensing 3 hrs

Restricted Elective Courses: 9 hours

Nine hours from the following:

- ESSC 111 - The Earth System through Time 4 hrs
- ESSC 325 - Geomorphology 4 hrs
- ESSC 327 - Soil Science 4 hrs

- ESSC 330 - Sedimentology and Stratigraphy 4 hrs
- ESSC 370 - Glacial and Quaternary Geology 4 hrs
- ESSC 424 - The Global Climate System 3 hrs
- ESSC 453 - Marine and Lacustrine Geology 3 hrs
- ESSC 497 - Independent Study 1 hr
- GEOG 276 - Principles of Geographic Information Systems 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: 25 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 advisor, may choose other elective courses not listed above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Earth Science Minor

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Todd Grote, Ph.D.
Geography and Geology
303 C Mark Jefferson

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tgrote@emich.edu

Maria-Serena Poli, Ph.D.
Geography and Geology
221 Strong Hall
(734) 487-8063
mpoli@emich.edu

Required Courses: 17 hours

- ESSC 110 - The Dynamic Earth System (GEKN) 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 - The Global Climate System 3 hrs
- ESSC 425W - Severe and Unusual Weather (GEWI) 3 hrs
- ESSC 466W - Global Tectonics (GEWI) 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.

Critical Graduation Information:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Environmental Analysis Minor

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Todd Grote, Ph.D.
Geography and Geology
303 C Mark Jefferson

(734) 487 7570
tgrote@emich.edu

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:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

Geographic Information Systems Minor

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Huge Semple, Ph.D.
Geography and Geology
118D Strong Hall

(734) 487-8169
hsemple@emich.edu

William Welsh, Ph.D.
Geography and Geology
215 Strong Hall

(734)487-7586
wwelsh@emich.edu

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 (GEKN) 3 hrs
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- GEOG 107 - Introduction to Geography (GEKS) 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:

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that one major or 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 in the General Education section of the catalog: General Education

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

Geography Minor

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Chris Mayda, Ph.D

Geography and Geology

217 Strong Hall

(734) 487-7856

cmayda@emich.edu

William Welsh, Ph.D.
Geography and Geology

215 Strong Hall

(734) 487-7586

wwelsh@emich.edu

Zachary Moore, Ph.D.

Geography and Geology

236 Strong Hall

(734) 487-8588

zmoore@emich.edu

Required Courses: 7 hours

- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs

Restricted Elective Courses: 13 hours

Thirteen hours selected in consultation with a geography advisor.

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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- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
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General Education Requirements:

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

Geology Minor

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Mike Bradley, Ph.D.

Geography and Geology

227 Strong Hall

(734) 487-8592
mbradley@emich.edu

Steve LoDuca, Ph.D.

Geography and Geology

214 Strong Hall

(734) 487-8589
sloduca@emich.edu

Christine Clark, Ph.D.

Geography and Geology

303 B Mark Jefferson

(734) 487-8590
cclark7@emich.edu

Required Courses: 20 hours

- ESSC 110 - The Dynamic Earth System (GEKN) 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 advisor.

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:

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
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    - 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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General Education Requirements:

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

Historic Preservation Minor

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Theodore Ligibel, Ph.D.
Geography and Geology
233 Strong Hall

(734) 487-0232
tligibel@emich.edu

Dan Bonenberger, Professor

Geography and Geology
118F Strong Hall

(734) 487-8750
dbonenbe@emich.edu

Nancy Bryk, Professor
Geography and Geology
229 Strong Hall

(734) 487-7575
nbryk@emich.edu

Required Courses: 23 hours

- ARTH 472 - History of American Architecture 3 hrs
- GEOG 332 - Urban Geography 3 hrs
- GEOG 333 - Unsettled Geographies 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 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 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 (GEGA & GEKS) 3 hrs
- ANTH 150 - Introductory Archaeology (GEKS) 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:

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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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Secondary Education Earth Science Minor

Revised Program, effective Fall 2014

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 advisor before you declare this minor.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Dr. Katherine Ryker, Ph.D.

Geography and Geology

301W Mark Jefferson

(734) 487-6712

kryker@emich.edu

Michael Kasenow, Ph.D.

Geography and Geology

219 Strong Hall

(734) 487-8485

mkasenow@emich.edu

Required Courses: 31-34 hours

- ASTR 205 - Principles of Astronomy (GEKN) 4 hrs
- ESSC 110 - The Dynamic Earth System (GEKN) 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
- MATH 105 - College Algebra (GEQR) 3 hrs

Minor Total: 31-34 hours

Notes:

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Tourism Geography Minor

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Kim Kozak, Ph.D.
Geography and Geology
118 E Strong Hall

(734) 487-3885
kkozak@emich.edu

Required Courses: 21 hours

- GEOG 110 - World Regions (GEGA) 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 3 hrs

One course from the following:

- ESSC 108 - Earth Science for Nonscience Majors (GEKN) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Urban and Regional Planning Minor

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Bob Jones, Ph.D.
Geography and Geology
213 Strong Hall

(734) 487-8488
rjones16@emich.edu

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

- URP 387 - Cooperative Education 3 hrs
- URP 488 - Internship 4 hrs
- URP 489 - Internship 5 hrs
- URP 490 - Internship 6 hrs
- URP 497 - Independent Study 1 hrs
- URP 498 - Independent Study 2 hrs
- URP 499 - Independent Study 3 hrs
- PLSC 270 - Public Administration 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 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 (GELB) 4 hrs
- URP 452 - Infrastructure Planning and Policy 3 hrs
- URP 456 - Zoning and Land Development Regulation 2 hrs
- URP 459 - Planning/Preservation Studio 3 hrs
- URP 495 - Environmental Assessment and Planning 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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The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. *Some majors and minors require more than the minimum in one or more of the areas below; students are urged to consult the online catalog for the requirements of their particular programs.*

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
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General Education Requirements:

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Certificate

Undergraduate Certificate in Transportation Planning and Modeling

The goal of the Certificate in Transportation Planning and Modeling is to offer courses in a topic that is very relevant to today's mobile society and prepare students for a career with many possibilities of employment.

Admissions

Admission will be available for EMU undergraduate students from any discipline and practitioners with an acceptable undergraduate degree who wish to enhance their credentials in this field.

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.

Department Information:

Geography & Geology Department - College of Arts & Sciences

Richard Sambrook, Ph.D., Department Head

203 Strong Hall
(734) 487-0218
rsambroo@emich.edu

Department Website

Note: If no advisor information is given, please contact the department for advising.

Advisor Information:

Bob Jones, Ph.D.
Geography and Geology
213 Strong Hall

(734) 487-8488
rjones16@emich.edu

Required Courses: 15 hours

- GEOG 441 - Transportation Geography and Planning 3 hrs
- URP 215 - Introduction to Urban and Regional Planning 3 hrs
- URP 276 - Principles of Geographic Information Systems 3 hrs
- URP 452 - Infrastructure Planning and Policy 3 hrs
- URP 460 - Transportation Modeling Systems 3 hrs

Restricted Electives: 3 hours

Select one course from the following:

- CNST 304 - Construction Estimating and Bidding 3 hrs
- ECON 310 - Economic Statistics 3 hrs
- ESSC 470 - Quantitative Methods in Geography and Geology 3 hrs
- GEOG 376 - Spatial Analysis 3 hrs
- PLSC 216 - Municipal Government 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs
- URP 415W - Methods of Planning Analysis (GEWI) 3 hrs

Certificate Total: 18 hours

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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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.

Earth Systems Science

ESSC 101 - Introduction to Weather and Forecasting (GEKN)

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.
Repeatable for Credit: No
Knowledge of the Disciplines:
Students will be divided into several different groups throughout the semester to tackles 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 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 (GEGA)

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
Perspectives on a Diverse World:
Scientific research indicates that the Earth's climate is warming, and that it will continue to do so for generations to come. It is therefore important to produce a generation of students who are well informed about climate and climate change, and hence able to be spokespeople for changes in policy. For this purpose, students need to gain an understanding of the essential components of the climate system that are involved in global change processes, the feedbacks that link these components, and the nature of climate variability before the beginning of the industrial revolution. This will enable them to critically evaluate the logic and evidence that underlie various hypotheses about the nature of global warming. The knowledge obtained in this course will help students to make informed, scientifically based decisions about their personal role and responsibilities as a human beings who influence - and are influenced by - a globally changing world. As such, ESSC 105 fulfills the Global Awareness requirement of

the General Education Program.
Last Updated: -

ESSC 107 - Introduction to Environmental Science (GEGA)

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
Perspectives on a Diverse World:
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 (GEKN)

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.
Knowledge of the Disciplines:

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 (GEKN)

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
Knowledge of the Disciplines:
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 gal 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 (GEKN)

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
Knowledge of the Disciplines:
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 paced 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.
Last Updated: *

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 (GEKN)

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
Knowledge of the Disciplines:

Last Updated: Credit Hour and Course Description Change 04/2012, effective Fall 2012

ESSC 120 - Dinosaurs, Mammoths and Trilobites: An Introduction to Paleontology (GEKN)

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.
Knowledge of the Disciplines:
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 (GEKN)

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.
Knowledge of the Disciplines:
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 or ESSC 212
Last Updated: Spelling Error 7/2014, Change in Prerequisite, effective Summer 2013; 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

The study of landforms and the processes that create them. Erosional and constructional landforms are discussed in the context of prevailing surficial processes, tectonic activity, climate, and environment. Three hours lectures and two hours laboratory per week. Weekend Field trip and report required.

Credit Hours: 4 hrs
Lecture/Lab Hours: Lecture: three hours per week. Laboratory: one two-hour period per week.
Prerequisite: ESSC 111 and ESSC 110
Last Updated: Description and Lab Hour Change 5/2013, effective Winter 2014; 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
Repeatable for Credit: Yes**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. Three hours lecture and two hours laboratory per week. Weekend field trip and report required.

Credit Hours: 4 hrs
Lecture/Lab Hours: Lecture: three hours per week. Laboratory: two-hour period per week.
Prerequisite: ESSC 111
Previously Listed As: ESSC 370 - Glacial Geology
Last Updated: Change in Lab hours 1/2013, effective Summer 2013; 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 - The Global Climate System

An analysis of global, regional and applied climatology. Areas of emphasis are climatic controls, classification, world climate types, relationship of climate to other physical phenomena, and importance of climate in selected aspects of human activities. Three hours of lecture per week.

Credit Hours: 3 hrs
Prerequisite: ESSC 212
Previously Listed As: Climatology
Last Updated: Change to Title, Description, and Prerequisite 1/2014, effective Summer 2014; Links 04/2011

ESSC 425W - Severe and Unusual Weather (GEWI)

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.
Writing Intensive:

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.
Course Revisions: Effective Winter 2015, ESSC 326 wil be added as a prerequisite and "ESSC 111 and any ESSC 300-level class or above" will be removed.

Last Updated: Change to prerequisites 4/2014, effective Winter 2015

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 453 - Marine and Lacustrine Geology

The geologic history and evolution of modern continental margins, ocean basins, and large lakes (e.g. Caspian Sea and Black Sea, Great Lakes, Lake Victoria, Lake Baikal), including past and recent effects of climate change.

Credit Hours: 3 hrs
Lecture/Lab Hours: Lecture: three hours per week Laboratory: one hour per week.
Repeatable for Credit: No**Prerequisite:** ESSC 320
Last Updated: Course Type Change 7/2014, New Course 01/2014, Summer 2014

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 (GEWI)

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
Writing Intensive:

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 (GEKS)

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
Knowledge of the Disciplines:
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.
Last Updated: *

GEOG 110 - World Regions (GEGA)

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
Perspectives on a Diverse World:
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 antihero. It emphasizes that to be a tolerant global citizen, one must be aware of the weak as well as the strong points of ones 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 - Thinking Sustainably (GEGA)

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
Previously Listed As: GEOG 150 Sustainable Development
Perspectives on a Diverse World:
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 - Thinking Sustainably satisfies the Global Awareness category of the General Education program. This course will provide students with an accessible and informative introduction tot he 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: Title Change 1/2013, effective Summer 2013, 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
Course Revisions: *Effective Winter 2015, this course will be renumbered as GEOG 335 and "GEOG 107 or GEOG 110" will be added as a prerequisite requirement.*

Last Updated: Revision Note added 4/2014, effective Winter 2015

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 geo-

referencing 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

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
Repeatable for Credit: No**Prerequisite:** GEOG 110, HIST 110
Cross-Listed with: HIST 311
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 (GEWI)

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
Writing Intensive:

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 112GEOG 112
Course Revisions: Effective Winter 2015, the following revision will be made to this course **1)** Change to prerequisites "GEOG 107 or GEOG 110 and GEOG 112"

Last Updated: Change to prerequisites 5/2014 effective Winter 2015; 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 - Unsettled Geographies

This course explores human settlement patterns such as the field, streetscapes, and key house types that are associated with the rural and urban settlements of various ethnic groups and cultural hearths. Such regional patterns are examined in the context of humanistic, radical, and post-structuralist geographies, and recent geographies of place, migration, and mobility.

Credit Hours: 3 hrs
Prerequisite: GEOG 110 or GEOG 115
Class Restrictions: Junior & Senior
Previously Listed As: Settlement Geography
Last Updated: Change to Course Title and Description 2/2014, effective Summer 2014; 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.
Course Revisions: effective Winter 2015, the following revisions will be made to this coruse, **1)** Change prerequisites to (GEOG 110 or GEOG 107**) or** (GEOG 212 or GEOG 360)

Last Updated: Course Revision 6/2014, effective Winter 2015; Graduate Credit 07/2011; Links 04/2011,

GEOG 446 - Heritage Interpretation

The methodology for crafting an interpretative message that relates to an organization's mission and audience interest is a main focus of this class. The various methods for effectively communicating that through personal interpretation will be an important part of the coursework. Students should expect to present interpretative messages several times during the semester.

Credit Hours: 3 hrs
Class Restrictions: Junior, Senior, and Second Bachelor
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Equivalent Courses: GHPR 446
Cross-Listed with: GHPR 446
Previously Listed As: Heritage Interpretation and Tourism
Last Updated: Change to Description, Title and Prereqs 4/2014, effective Summer 2014 ; 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 446 - Heritage Interpretation

The methodology for crafting an interpretative message that relates to an organization's mission and audience interest is a main focus of this class. The various methods for effectively communicating that through personal interpretation will be an important part of the coursework. Students should expect to present interpretative messages several times during the semester.

Credit Hours: 3 hrs
Class Restrictions: Junior, Senior, Second Bachelor
Graduate Credit: This is a undergraduate course approved for Graduate Credit, through Summer 2015.
Equivalent Courses: GEOG 446
Cross-Listed with: GEOG 446
Last Updated: Approved for Grad Credit through Summer 2015 2/2015, effective Winter 2015; New Course 4/2014, effective Summer 2014

GHPR 475 - Architectural Nomenclature

This course focuses on the language and terms associated with historic building forms, structure, and ornamentation from the ancient world to recent developments in the United States.

Credit Hours: 2 hrs
Graduate Credit: This is an undergraduate course available for Graduate Credit
Last Updated: Change to Course Description 2/2014, effective Summer 2014; 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

URP 115 - The American City (GEKS)

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
Knowledge of the Disciplines:
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 carious 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 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
Previously Listed As: GPLN 177 - Special Topics
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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
Previously Listed As: GPLN 178
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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
Previously Listed As: GPLN 179 - Special Topics
Last Updated: Prefix Change 4/2013, effective Fall 2013

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
Previously Listed As: GPLN 216
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 geo-referencing 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 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
Previously Listed As: GPLN 277
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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
Previously Listed As: GPLN 278
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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
Previously Listed As: GPLN 279
Last Updated: Prefix Change 4/2013, effective Fall 2013

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 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
Previously Listed As: GPLN 377
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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
Previously Listed As: GPLN 378
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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
Previously Listed As: GPLN 379
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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: URP 487
Notes: Offered on a credit/no-credit basis
Previously Listed As: GPLN 387
Last Updated: Prefix Change 4/2013, effective Fall 2013; 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
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 (GELB)

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 (GEWI)

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
Writing Intensive:
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

This course gives students an understanding of the major urban and rural infrastructure 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.

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

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: Sophmore, Junior, and Senior
Last Updated: New Course 11/2012, effective Winter 2013

URP 459 - Planning/Preservation Studio

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, create 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: Sophmore 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 GEOG 276
Equivalent Courses: URP 560
Last Updated: New Course 12/2012, effective Winter 2013

URP 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: GPLN 477
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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: URP 478
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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
Previously Listed As: URP 479
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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: URP 387
Notes: Offered on a credit/no-credit basis
Previously Listed As: GPLN 487
Last Updated: Prefix change 4/2013, effective Fall 2013; Links 04/2011

URP 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
Previously Listed As: GPLN 488
Last Updated: Prefix Change 4/2013, effective Winter 2014

URP 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

Previously Listed As: GPLN 489
Last Updated: New Course, 4/2013, effective Fall 2013

URP 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
Previously Listed As: GPLN 490
Last Updated: Prefix Change 4/2013, effective Fall 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 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
Previously Listed As: GPLN 497
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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
Previously Listed As: GPLN 498
Last Updated: Prefix Change 4/2013, effective Fall 2013

URP 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
Previously Listed As: GPLN 499
Last Updated: Prefix Change 4/2013, effective Fall 2013

History and Philosophy Programs and Courses

History and Philosophy

Major

History Major

Revised Program, effective Fall 2014

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.

Department Information:

History & Philosophy Department - College of Arts & Sciences

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General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33 hours

Required Courses: 15 hours

- HIST 300W - Researching and Writing History (GEWI) 3 hrs
- HIST 490W - Senior Seminar 3 hrs
  A student who completes the requirements for Departmental Honors in History (including a Senior Thesis) may count three hours of honors credit toward HIST 490W.

One course from the following:

- HIST 101 - Western Civilization to 1648 (GEKH) 3 hrs
- HIST 102 - Western Civilization, 1648 to World War II (GEKH) 3 hrs
- HIST 103 - 20th-Century Civilization (GEGA) 3 hrs
- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs

One course from the following:

- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 3 hrs

An additional course to complete one of the following sequences:

- HIST 101 - Western Civilization to 1648 (GEKH) 3 hrs
- HIST 102 - Western Civilization, 1648 to World War II (GEKH) 3 hrs

- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs

- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

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Department Website

Advisor Information:

Margaret Crouch
Professor
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General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEKH) 3 hrs
- * PHIL 130 - Introduction to Logic 3 hrs
- PHIL 181 - Logic and Model Theory (GEQR) 3 hrs
- PHIL 280 - Philosophy and the Fundamentals of Scientific Reasoning 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 (GEWI) 3 hrs
- PHIL 331W - History of Philosophy: Modern (GEWI) 3 hrs
- PHIL 332W - History of Philosophy: 19th Century (GEWI) 3 hrs

III. Values: 3-24 hours

At least one course from the following:

- PHIL 212 - Philosophy of Art (GEKH) 3 hrs
- PHIL 220 - Ethics (GEKH) 3 hrs
- PHIL 221 - Business Ethics (GEKH) 3 hrs
- PHIL 223 - Medical Ethics (GEKH) 3 hrs
- PHIL 224 - Ethics and Food (GEKH) 3 hrs
- PHIL 225 - Political Philosophy (GEKH) 3 hrs
- PHIL 229 - Environmental Ethics (GEKH) 3 hrs
- PHIL 260 - Existentialism (GEKH) 3 hrs
- PHIL 310W - Aesthetics (GEWI) 3 hrs
- PHIL 326W - Philosophy & Sexuality (GEWI) 3 hrs
- PHIL 355W - Philosophy of Law (GEWI) 3 hrs
- PHIL 370W - Philosophy and Narrative (GEWI) 3 hrs
- PHIL 420W - Ethical Theory (GEWI) 3 hrs
- ** PHIL 426W - Topics in Gender and Philosophy (GEWI) 3 hrs
- PHIL 429W - Topics in Environmental Philosophy (GEWI) 3 hrs
- PHIL 470W - Twentieth Century European Philosophy (GEWI) 3 hrs

IV. Epistemology and Metaphysics: 3-27 hours

At least one course from the following:

- PHIL 215 - Philosophy of Religion (GEKH) 3 hrs
- PHIL 325W - Theory of Knowledge (GEWI) 3 hrs
- PHIL 375W - Metaphysics (GEWI) 3 hrs
- PHIL 480W - Philosophy of Science (GEWI) 3 hrs
- PHIL 390W - Phenomenology (GEWI) 3 hrs
- ** PHIL 426W - Topics in Gender and Philosophy (GEWI) 3 hrs
- PHIL 442W - Philosophy of Mind (GEWI) 3 hrs
- PHIL 460W - Philosophy of Language (GEWI) 3 hrs
- PHIL 471W - Early Analytic Philosophy (GEWI) 3 hrs
- PHIL 475W - Philosophy of Mathematics (GEWI) 3 hrs
- PHIL 481W - Philosophy of the Life Sciences (GEWI) 3 hrs

V. Eastern/Global: 3-9 hours

At least one course from the following:

- PHIL 226 - Feminist Theory (GEGA & GEKH) 3 hrs
- PHIL 228 - Global Ethics (GEGA & GEKH) 3 hrs
- PHIL 291 - Introduction to Asian Philosophy (GEGA) 3 hrs
- PHIL 391W - Early Chinese Philosophy (GEWI) 3 hrs

Restricted Elective Courses: 18 hours

Philosophy 100 - 499 if not already taken to complete the required 33 hours.

Course	**Credit Hour**

Minor Requirements:

This program requires a minor. Please contact your program advisor for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Secondary Education History/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 history certification code CC and geography certification code CB. This program of study meets all requirements of the National Council for Social Studies. The Michigan Test for Teacher Certification (MTTC) covering these fields are #009 History and #008 Geography.

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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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.

Required Courses: 48 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 (GEKN) 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 (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 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 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs
- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 3 hrs
- HIST 300W - Researching and Writing History (GEWI) 3 hrs

- HIST 311 - History and Geography of the Modern World 3 hrs
  or
- GEOG 311 - History and Geography of the Modern World 3 hrs

- HIST 416 - American Environmental History 3 hrs

- PLSC 112 - American Government (GEKS) 3 hrs
  or
- PLSC 113 - American Government Honors (GEKS) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor for course options.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 thise field is #084, “Social Studies;” this course of study will also lead to an endorsement in economics (CA) MTTC #007.

Department Information:

History & Philosophy Department - College of Arts & Sciences

Richard Nation, Ph.D., Department Head

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Department Website

Advisor Information:

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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 69 hours

Core Courses: 69 hours

- ECON 103L - Economics for Living (GELB) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 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 (GEWI) 3 hrs
- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs
- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 3 hrs
- HIST 300W - Researching and Writing History (GEWI) 3 hrs

- HIST 311 - History and Geography of the Modern World 3 hrs
  OR
- GEOG 311 - History and Geography of the Modern World 3 hrs

- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (GEKS) 3 hrs
- PLSC 202 - State and Local Government (GEKS) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 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.

Department Information:

History & Philosophy Department - College of Arts & Sciences

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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
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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.
6. 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: 62 hours

Core Courses: 62 hours

- One Geography (GEOG) elective at 300-level or above (3 hrs)

- ECON 103L - Economics for Living (GELB) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- GEOG 313 - Geography of Michigan 2 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
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- HIST 300W - Researching and Writing History (GEWI) 3 hrs

- HIST 311 - History and Geography of the Modern World 3 hrs
  OR
- GEOG 311 - History and Geography of the Modern World 3 hrs

- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (GEKS) 3 hrs
- PLSC 202 - State and Local Government (GEKS) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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.

- EDUC 492 - Student Teaching (GELB) 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.

Critical Graduation Information:

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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 subject areas tests for these endorsements are #008 Geography and #009 History.

Department Information:

History & Philosophy Department - College of Arts & Sciences

Richard Nation, Ph.D., Department Head

701 Pray Harrold
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Department Website

Advisor Information:

James Egge, Ph.D.

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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 63 hours

Core Courses: 54 hours

- ECON 103L - Economics for Living (GELB) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs

- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs
- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 3 hrs
- HIST 300W - Researching and Writing History (GEWI) 3 hrs

- HIST 311 - History and Geography of the Modern World 3 hrs
  or
- GEOG 311 - History and Geography of the Modern World 3 hrs

- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (GEKS) 3 hrs
- PLSC 202 - State and Local Government (GEKS) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 9 hrs
  This course requires a formal application to be submitted 7-8 months prior to the Student Teaching semester.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

History & Philosophy Department - College of Arts & Sciences

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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 69 hours

Core Courses: 57 hours

- ECON 103L - Economics for Living (GELB) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs

- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs

- GEOG 311 - History and Geography of the Modern World 3 hrs
  or
- HIST 311 - History and Geography of the Modern World 3 hrs

- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs
- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 3 hrs
- HIST 300W - Researching and Writing History (GEWI) 3 hrs
- HIST 416 - American Environmental History 3 hrs
- PLSC 112 - American Government (GEKS) 3 hrs
- PLSC 202 - State and Local Government (GEKS) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs
- PLSC 213 - Introduction to Political Thought (GEKH) 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 (GEKS) 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 (GEWI) 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 (GEWI) 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 (GEGA) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 412W - Comparative Legal Systems (GEWI) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

Area Studies Minor — Africa

Department Information:

History & Philosophy Department - College of Arts & Sciences

Richard Nation, Ph.D., Department Head

701 Pray Harrold
(734) 487-1018
richard.nation@emich.edu

Department Website

Advisor Information:

Program Advisor: Philip Schmitz, Ph.D.
Email: pschmitz@emich.edu

Program Advisor: James Egge, Ph.D.
Email: jegge@emich.edu

Phone Number for Advisors: 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 (GEGA & GEKS) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Area Studies Minor — Asia-Far East

Department Information:

History & Philosophy Department - College of Arts & Sciences

Richard Nation, Ph.D., Department Head

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richard.nation@emich.edu

Department Website

Advisor Information:

James Egge, Ph.D.

Philip Schmitz, Ph.D.

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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 (GEGA & GEKS) 3 hrs
- ANTH 336 - Social and Cultural Change 3 hrs
- ARTH 267 - History of Asian Art (GEKA) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Area Studies Minor — Latin America

Department Information:

History & Philosophy Department - College of Arts & Sciences

Richard Nation, Ph.D., Department Head

701 Pray Harrold
(734) 487-1018
richard.nation@emich.edu

Department Website

Advisor Information:

Program Advisor: Philip Schmitz, Ph.D.
Email: pschmitz@emich.edu

Program Advisor: James Egge
Email: jegge@emich.edu

Phone Number for Advisors: 734.487.1018

Required Area Courses: 15 hours

- ANTH 233 - Cultures of Mesoamerica and the Caribbean (GEGA) 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 (GEGA & GEKS) 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (GEGA) 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 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Area Studies Minor — Middle East and North Africa

Department Information:

History & Philosophy Department - College of Arts & Sciences

Richard Nation, Ph.D., Department Head

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Department Website

Advisor Information:

James Egge, Ph.D.

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jegge@emich.edu

Philip Schmitz, Ph.D.

701 Pray Harrold
(734) 487-1018
pschmitz@emich.edu

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 (GEGA & GEKS) 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 (GEGA) 3 hrs
- HIST 204 - Introduction to the History of Judaism (GEKH) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Area Studies Minor — Russia and Eastern Europe

Department Information:

History & Philosophy Department - College of Arts & Sciences

Richard Nation, Ph.D., Department Head

701 Pray Harrold
(734) 487-1018
richard.nation@emich.edu

Department Website

Advisor Information:

Program Advisor: Philip Schmitz, Ph.D.
Email: pschmitz@emich.edu

Program Advisor: James Egge
Email: jegge@emich.edu

Phone Number for Advisors: 734.487.1018

Required Area Courses: 12 hours

- GEOG 314W - Geography of Russia and Neighboring States (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

History Minor

Department Information:

History & Philosophy Department - College of Arts & Sciences

Richard Nation, Ph.D., Department Head

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Department Website

Advisor Information:

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Philip Schmitz, Ph.D.

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pschmitz@emich.edu

Required Area Courses: 6 hours

One course from the following:

- HIST 101 - Western Civilization to 1648 (GEKH) 3 hrs
- HIST 102 - Western Civilization, 1648 to World War II (GEKH) 3 hrs
- HIST 103 - 20th-Century Civilization (GEGA) 3 hrs

- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs

One course from the following:

- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

History & Philosophy Department - College of Arts & Sciences

Richard Nation, Ph.D., Department Head

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Department Website

Advisor Information:

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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 (GEKH) 3 hrs
- * PHIL 130 - Introduction to Logic 3 hrs
- PHIL 181 - Logic and Model Theory (GEQR) 3 hrs
- PHIL 280 - Philosophy and the Fundamentals of Scientific Reasoning 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 (GEWI) 3 hrs
- PHIL 331W - History of Philosophy: Modern (GEWI) 3 hrs
- PHIL 332W - History of Philosophy: 19th Century (GEWI) 3 hrs

III. Values: 3-12 hours

At least one course from the following:

- PHIL 212 - Philosophy of Art (GEKH) 3 hrs
- PHIL 220 - Ethics (GEKH) 3 hrs
- PHIL 221 - Business Ethics (GEKH) 3 hrs
- PHIL 223 - Medical Ethics (GEKH) 3 hrs
- PHIL 224 - Ethics and Food (GEKH) 3 hrs
- PHIL 225 - Political Philosophy (GEKH) 3 hrs

- PHIL 229 - Environmental Ethics (GEKH) 3 hrs
- PHIL 260 - Existentialism (GEKH) 3 hrs
- PHIL 310W - Aesthetics (GEWI) 3 hrs
- PHIL 326W - Philosophy & Sexuality (GEWI) 3 hrs
- PHIL 355W - Philosophy of Law (GEWI) 3 hrs
- PHIL 370W - Philosophy and Narrative (GEWI) 3 hrs
- PHIL 420W - Ethical Theory (GEWI) 3 hrs
- ** PHIL 426W - Topics in Gender and Philosophy (GEWI) 3 hrs
- PHIL 429W - Topics in Environmental Philosophy (GEWI) 3 hrs
- PHIL 470W - Twentieth Century European Philosophy (GEWI) 3 hrs

IV. Epistemology and Metaphysics: 3-12 hours

At least one course from the following:

- PHIL 215 - Philosophy of Religion (GEKH) 3 hrs
- PHIL 325W - Theory of Knowledge (GEWI) 3 hrs
- PHIL 375W - Metaphysics (GEWI) 3 hrs
- PHIL 480W - Philosophy of Science (GEWI) 3 hrs
- PHIL 390W - Phenomenology (GEWI) 3 hrs
- ** PHIL 426W - Topics in Gender and Philosophy (GEWI) 3 hrs
- PHIL 442W - Philosophy of Mind (GEWI) 3 hrs
- PHIL 460W - Philosophy of Language (GEWI) 3 hrs
- PHIL 471W - Early Analytic Philosophy (GEWI) 3 hrs
- PHIL 475W - Philosophy of Mathematics (GEWI) 3 hrs
- PHIL 481W - Philosophy of the Life Sciences (GEWI) 3 hrs

V. Eastern/Global: 3-9 hours

At least one course from the following:

- PHIL 226 - Feminist Theory (GEGA & GEKH) 3 hrs
- PHIL 228 - Global Ethics (GEGA & GEKH) 3 hrs
- PHIL 291 - Introduction to Asian Philosophy (GEGA) 3 hrs
- PHIL 391W - Early Chinese Philosophy (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Religious Studies Minor

Department Information:

History & Philosophy Department - College of Arts & Sciences

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Department Website

Advisor Information:

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Philip Schmitz, Ph.D.

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Required Area Courses: 3 hours

- HIST 100 - The Comparative Study of Religion (GEKH) 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 (GEGA) 3 hrs

- HIST 204 - Introduction to the History of Judaism (GEKH) 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
- HIST 334 - Early Christianity 3 hrs
- LITR 251 - The Bible as Literature 3 hrs
- PHIL 215 - Philosophy of Religion (GEKH) 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 (GEGA & GEKS) 3 hrs
- ARTH 162 - Survey of Western Art I (GEKA) 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 (GEKH) 3 hrs
- PHIL 260 - Existentialism (GEKH) 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:

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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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Social Studies Minor

New Minor, effective Fall 2013

Program Admission

Students must major in Economics , Geography, History or Political Science in order to complete this minor.

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Required Courses: 24 Hours

Eight courses from the following:

- ECON 103L - Economics for Living (GELB) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- GEOG 100 - Introduction to Geospatial Sciences and Technology 3 hrs
- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs

- GEOG 311 - History and Geography of the Modern World 3 hrs
  or
- HIST 311 - History and Geography of the Modern World 3 hrs

- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs
- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 3 hrs
- HIST 300W - Researching and Writing History (GEWI) 3 hrs

- HIST 416 - American Environmental History 3 hrs
- PLSC 202 - State and Local Government (GEKS) 3 hrs

- PLSC 112 - American Government (GEKS) 3 hrs
  or
- PLSC 113 - American Government Honors (GEKS) 3 hrs

- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs

Minor Total: 24 hours

Note:

- All minors must have at least six hours of course work at the 300-level or above.
- None of the courses counted towards a major can be counted towards the minor
- Students must take at least two courses from each discipline besides their major.

Critical Graduation Information:

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History

HIST 100 - The Comparative Study of Religion (GEKH)

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
Knowledge of the Disciplines:
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.

Last Updated: *

HIST 101 - Western Civilization to 1648 (GEKH)

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
Knowledge of the Disciplines:
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.

***Last Updated:** **

HIST 102 - Western Civilization, 1648 to World War II (GEKH)

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
Knowledge of the Disciplines:
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 grasps 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 (GEGA)

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
Perspectives on a Diverse World:

HIST 103 fufills 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 occurences, 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.
Last Updated: *

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 (GEKH)

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
Knowledge of the Disciplines:
HIST 109 - World History to 1500 meets the Humanities requirement of the Knowledge of the Discipline because it explores the history of world societies from the period of the earliest civilization to the sixteenth century mainly from a cultural perspective. During this period, humans in Africa, the Americas, Asia, and Europe developed a variety of literary, religious, and philosophical works that continue to this day to shape how we feel, think, act, interact with others, and understand the self and the outer world. A main goal of this course is to read, analyze, discuss, and write about these canonical texts of literature, religion, and philosophy. In so doing, students will gain a broad knowledge of the diverse cultures that humans in the past cultivated, and develop sensitivity to and appreciation for the cultures of both the Western and non-Western Worlds.
Last Updated: Gen Edu Credit 1/2014, effective Summer 2014

HIST 110 - World History since 1500 (GEGA)

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
Perspectives on a Diverse World:

History 110 meets the Global Awareness requirement of the Perspecttives 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 oft he past that they need to interpret the contemporary world.
Last Updated: *

HIST 115 - Making American Society: Race, Ethnicity and Gender in Historical Perspective (GEUS)

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
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** Change to course title to "HIST 115- What is an American?", and **2)** change to course description

Perspectives on a Diverse World:
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.
Last Updated: Course revision note 6/2014, effective Winter 2015

HIST 116 - Intro to American Indian History (GEUS)

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
Perspectives on a Diverse World:
The study of America's indigenous people offers an in-depth look at diversity within the United States today and in the past. Historically, interactions between Indians and people of European, African, and Asian backgrounds shaped the economics, settlement patterns, gender roles, and even the vocabularies of all. Today, Native Americans are often a forgotten minority depicted in literature and film as cruel warrior, environmentalist, or sports mascot. Their demand for political access and legal justice, however, are frequently ignored or met with hostility. This course meets the requirement for diversity in the U.S. because

it explores the traditionally non-western cultures of indigenous Americans, examines the origins and consequences of intolerance, and links their history with indigenous movements in Central and South America.

Last Updated: GEUS description revision 1/2015

HIST 123 - The United States to 1877 (GEKS)

A study of United States history through the Reconstruction following the Civil War.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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.
Last Updated: *

HIST 124 - The United States, 1877 to the Present (GEKS)

A study of United States history from the end of Reconstruction to the present.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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.
Last Updated: *

HIST 151 - Reason and Revolution (GEKH)

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
Knowledge of the Disciplines:
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.
Last Updated: *

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 200 - War, Culture and Society : A Global History

An examination of how war, society and culture have influenced each other throughout time and across the globe. Key themes include the cross-cultural exchange of ideas and technology; the influence of society and culture on how wars are waged; and the impact of wars on culture and politics, both domestic and international.

Credit Hours: 3 hrs
Repeatable for Credit: No
Course Revisions: Effective Winter 2015, the following revisions will be made to this course: **1)** Approved for inclusion in the General Education Program - Perspectives on a Diverse World - Global Awareness

Last Updated: Course Revision Note 9/2014; New Course 01/2014, effective Summer 2014

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 (GEGA)

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
Perspectives on a Diverse World:

Last Updated: 03/2011; effective Spring 2011

HIST 203 - Global History of Islam

Introductory history of the religious, political, social and intellectual life of Islam. Traces the history of Islam from its emergence in 7th century Arabia and its worldwide expansion over subsequent centuries. Introduces students to the sources, traditions, practices and institutions that have shaped the lives of Muslims around the world.

Credit Hours: 3 hrs
Repeatable for Credit: No
Course Revisions: Effective Winter 2015, the following revisions will be made to this course: **1)** Approved for inclusion in the General Education Program - Perspectives on a Diverse World - Global Awareness

Last Updated: Course Revision Note 9/2014; New Course 01/2014, effective Summer 2014

HIST 204 - Introduction to the History of Judaism (GEKH)

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
Knowledge of the Disciplines:
This course is an introduction to the academic discipline of Jewish Studies, an interdisciplinary filed that draws on approaches from both the humanities and the social sciences. This course focuses primarily on the questions and methods of the humanities,because of this 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 and historical ideas about human existence and the nature of the world, and to understand religions as historical traditions characterized by conflict and change.

To appreciate this educational requirements, it helps to recognize why the humanities are a distinct filed of learning. As the label implies, the humanities start with human experience, human activities and experience through time. The humanities recognize cultural differences as both the results and the causes of human activities. The humanities consider both the actual and the possible. The humanities encourage thinking from multiple perspectives.

The chief tool for describing and explaining in the humanities is narrative. Whether spoken or written, a narrative is essentially a story. In the humanities, explanatory narratives appeal to sources (in speech, writing, and experience) and logic to construct arguments about meaning.

Last Updated: Gen Edu Approval 12/2012, effective Winter 2013; 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 (GEWI)

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: 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
Writing Intensive:

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

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
Repeatable for Credit: No**Prerequisite:** HIST 110, GEOG 110
Cross-Listed with: GEOG 311
Last Updated: New Course 10/2012, effective Winter 2012

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: Prerequisiste/ 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 334 - Early Christianity

An introduction to the origins of Christianity and the New Testament from the historical Jesus and Paul to Christianity's emergence as a dominant religion of the Roman world in the early fourth century.

Credit Hours: 3 hrs
Class Restrictions: Sophomore, Junior, Senior, and Second Bachelor
Last Updated: New Course 4/2014, effective Summer 2014

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 Riurik 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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 438 - Nazi Germany

An in-depth exploration of the National Socialist (Nazi) government of Germany and its policies. In addition to the Second World War and the Holocaust, due attention will be given to less well-known aspects of the Nazi period, such as the electoral strategies of the early Nazi movement; the sterilization and murder of the disabled by the National Socialist regime; and the impact of the Nazis' biological theories on the arts and culture in the Third Reich.

Credit Hours: 3 hrs
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: New Course 1/2013, effective Summer 2013

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
Last Updated: Graduate Credit Rescinded 12/2013, effective Summer 2014; 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 490W - Senior Seminar

A capstone experience for students completing the History Major. Students will complete a major research project and explore comparative, synthetic, and/or innovative historical themes. The specific topic of the course will very based on the expertise of the instructor.

Credit Hours: 3 hrs
Prerequisite: HIST 300W
Major Restrictions: History Major and Minor
Previously Listed As: 490
Writing Intensive:

Last Updated: Approved for Writing Intensive 10/2013, effective Winter 2014; New Course, 4/2013, effective Winter 2014

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 (GEKH)

An introduction to philosophy by the study of important philosophical thinkers, problems and methodologies.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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 s trains 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 community 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.
Last Updated: *

PHIL 110 - Philosophies of Life (GEKH)

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
Knowledge of the Disciplines:
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 community 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 ones 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.
Last Updated: *

PHIL 120 - Introduction to Critical Reasoning (GEKH)

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
Knowledge of the Disciplines:
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.
***Last Updated:** **

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 (GEQR)

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
Quantitative Reasoning:

Last Updated: Gen Ed 11/2011

PHIL 212 - Philosophy of Art (GEKH)

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
Knowledge of the Disciplines:
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.
Last Updated: *

PHIL 215 - Philosophy of Religion (GEKH)

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
Knowledge of the Disciplines:
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.
Last Updated: *

PHIL 220 - Ethics (GEKH)

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
Knowledge of the Disciplines:
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 mid 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.
Last Updated: *

PHIL 221 - Business Ethics (GEKH)

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
Knowledge of the Disciplines:
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 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: *

PHIL 223 - Medical Ethics (GEKH)

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
Knowledge of the Disciplines:
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 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: *

PHIL 224 - Ethics and Food (GEKH)

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
Knowledge of the Disciplines:
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 (GEKH)

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
Knowledge of the Disciplines:
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.
Last Updated: *

PHIL 226 - Feminist Theory (GEGA & GEKH)

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
Perspectives on a Diverse World:
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.
Knowledge of the Disciplines:

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 theses 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 (GEGA & GEKH)

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
Perspectives on a Diverse World:
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 though, the right and the good. Both the skills and concepts addresses in this course help students in their educations, careers and personal lives.
Knowledge of the Disciplines:

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 mid 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.
Last Updated: *

PHIL 229 - Environmental Ethics (GEKH)

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
Knowledge of the Disciplines:

Last Updated: Gen Ed Approval 11/2011, effective Fall 2011; New Course 03/2011, effective Spring 2011

PHIL 260 - Existentialism (GEKH)

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
Knowledge of the Disciplines:
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.
Last Updated: *

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 280 - Philosophy and the Fundamentals of Scientific Reasoning

This course will focus on philosophical issues relevant to one or more of the following topic areas; science as falsification, scientific knowledge, the contract between traditional (or everyday) knowledge and scientific knowledge, skepticism with respect to science, statistical inference, Occam's Razor, probabilistic inference, causation, values in science, and nature of evidence. Students will learn an employ deductive logic, inductive logic, and basic probability logic, in order to address these topics in a robust way.

Credit Hours: 3 hrs
Last Updated: New Course 11/2013, effective Summer 2014

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 (GEGA)

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
Perspectives on a Diverse World:
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.
Last Updated: *

PHIL 310W - Aesthetics (GEWI)

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
Writing Intensive:

Last Updated: Links 04/2011

PHIL 325W - Theory of Knowledge (GEWI)

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
Writing Intensive:

Last Updated: Links 04/2011

PHIL 326W - Philosophy & Sexuality (GEWI)

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 326W
Writing Intensive:

Last Updated: Gen Edu Approved 12/2012, effective Winter 2013; New Course 11/2012, effective Winter 2013

PHIL 330W - History of Philosophy: Ancient (GEWI)

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
Writing Intensive:

Last Updated: Links 04/2011

PHIL 331W - History of Philosophy: Modern (GEWI)

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
Writing Intensive:

Last Updated: Links 04/2011

PHIL 332W - History of Philosophy: 19th Century (GEWI)

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
Writing Intensive:

Last Updated: Links 04/2011

PHIL 355W - Philosophy of Law (GEWI)

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
Writing Intensive:

Last Updated: Links 04/2011

PHIL 370W - Philosophy and Narrative (GEWI)

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
Writing Intensive:

Last Updated: Links 04/2011

PHIL 375W - Metaphysics (GEWI)

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
Writing Intensive:

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 (GEWI)

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
Writing Intensive:

Last Updated: Links 04/2011

PHIL 391W - Early Chinese Philosophy (GEWI)

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
Writing Intensive:
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 420W - Ethical Theory (GEWI)

A systematic study of different approaches to ethical theorizing focused primarily on the Western philosophical tradition. Specific topics may include: the objectivity, rationality, and authority of ethical norms; theories of what is good and why; accounts of moral standing; varieties of consequentialism and deontology; neo-Kantian and contractualist views; virtue theory; feminist ethics; existentialist ethics.

Credit Hours: 3 hrs
Prerequisite: Two courses in philosophy other than PHIL 120 or PHIL 130
Previously Listed As: PHIL 420
Writing Intensive:

Last Updated: Writing Intensive Credit 2/2013, effective Summer 2013; New Course 1/2013, effective Summer 2013

PHIL 426W - Topics in Gender and Philosophy (GEWI)

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
Writing Intensive:

Last Updated: Graduate Credit 07/2011; Links 04/2011

PHIL 429W - Topics in Environmental Philosophy (GEWI)

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.
Writing Intensive:

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 puts 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 (GEWI)

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
Writing Intensive:

Last Updated: Links 04/2011

PHIL 460W - Philosophy of Language (GEWI)

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
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Writing Intensive:

Last Updated: Links 04/2011

PHIL 470W - Twentieth Century European Philosophy (GEWI)

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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Writing Intensive:

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, Graduate Credit 07/2011; Links 04/2011

PHIL 471W - Early Analytic Philosophy (GEWI)

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 Wittergenstein.

Credit Hours: 3 hrs
Prerequisite: two courses in philosophy other than PHIL 120 or PHIL 130; recommended: PHIL 331W
Writing Intensive:

Last Updated: Links 04/2011

PHIL 475W - Philosophy of Mathematics (GEWI)

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
Writing Intensive:

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 (GEWI)

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
Writing Intensive:

Last Updated: Course Number Change 02/2012, effective Fall 2012; Links 04/2011

PHIL 481W - Philosophy of the Life Sciences (GEWI)

This course will focus on philosophical issues relevant to one or more of the following topic areas: the concepts and methods of the Life Sciences (e.g. Biology, Psychology, and Environmental Sciences), the biological possibility of altruism, the nature of selection, whether there are biological laws, whether there are psychological laws, the nature of empathy, the reducibility of mental phenomena, and the nature of explanation, justification, and methods of inquiry in the life Sciences.

Credit Hours: 3 hrs
Prerequisite: Two courses in Philosophy other than PHIL 120 or PHIL 130.
Writing Intensive:

Last Updated: New Course and Gen Edu Approved 12/2012, effective Summer 2013

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.

Department Information:

Mathematics Department - College of Arts & Sciences

Christopher Gardiner, Ph.D., Department Head

515 Pray Harrold
(734) 487-1444
cgardiner@emich.edu

Department Website

Advisor Information:

Program Advisor: John Curran
Email: jcurran3@emich.edu
Phone: 734.487.1444

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEQR) 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 (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 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 445W - Economic Fluctuations and Forecasting (GEWI) 3 hrs
- ECON 455W - Cost-Benefit Analysis (GEWI) 3 hrs

Minor Requirements:

This program does not require a minor.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 test is #103. The endorsement test for Mathematics Elementary is MTTC #089.

Department Information:

Mathematics Department - College of Arts & Sciences

Christopher Gardiner, Ph.D., Department Head

515 Pray Harrold
(734) 487-1444
cgardiner@emich.edu

Department Website

Advisor Information:

Program Advisor: Barbara Britton
Email: bbritton@emich.edu

Program Advisor: Carla Tayeh
Email: ctayeh@emich.edu

Phone Number for Advisors: 734.487.1444

General Education Requirements:

For specific requirements refer to the General Education Program.

Liberal Arts Major Requirements: 42 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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 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 (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GEQR) 3 hrs
- MATH 120 - Calculus I (GEQR) 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. Note that at least 9 hours in the major must be courses 300-level or higher, taken at EMU.

- MATH 107 - Plane Trigonometry 2 hrs
- MATH 118 - Linear Models and Probability (GEQR) 3 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 170 - Elementary Statistics (GEQR) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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:

* 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Mathematics Department - College of Arts & Sciences

Christopher Gardiner, Ph.D., Department Head

515 Pray Harrold
(734) 487-1444
cgardiner@emich.edu

Department Website

Advisor Information:

Program Advisor: Jay Ramanathan
Email: jramanath@emich.edu

Program Advisor: Gisela Ahlbrandt
Email: gahlbrand@emich.edu

Phone Number for Advisors: 734.487.1444

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEQR) 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

Catalog Correction: MATH 205, MATH 360, and MATH 400 have been removed from this section.

Twelve hours from the following:

Please note, each student must choose a writing intensive course as a requirement for graduation.

- MATH 311W - Mathematical Problem Solving (GEWI) 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 (GEWI) 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 448 - Differential Geometry with an Introduction to General Relativity 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 (GEWI) 3 hrs

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Any change to this program must be approved and proper paper work submitted before that change can be considered for graduation.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Mathematics Department - College of Arts & Sciences

Christopher Gardiner, Ph.D., Department Head

515 Pray Harrold
(734) 487-1444
cgardiner@emich.edu

Department Website

Advisor Information:

Program Advisor: Tanweer Shapla
Email: tshapla@emich.edu
Phone: 734.487.1444

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEQR) 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 (GEWI) 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 (GEWI) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Mathematics Department - College of Arts & Sciences

Christopher Gardiner, Ph.D., Department Head

515 Pray Harrold
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Department Website

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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 36 hours

Required Area Courses: 30 hours

- MATH 120 - Calculus I (GEQR) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GEWI) 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 (GELB) 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 advisor 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.

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 is Elementary Certification test #103. The endorsement test for Mathematics Elementary is MTTC #089.

Department Information:

Mathematics Department - College of Arts & Sciences

Christopher Gardiner, Ph.D., Department Head

515 Pray Harrold
(734) 487-1444
cgardiner@emich.edu

Department Website

Advisor Information:

Program Advisor: Barbara Britton
Email: bbritton@emich.edu

Program Advisor: Carla Tayeh
Email: ctayeh@emich.edu

Phone Number for Advisors: 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 (GEQR) 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. Note that at least 6 hours in the minor must be courses 300-level or higher, taken at EMU.

- MATH 118 - Linear Models and Probability (GEQR) 3 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs
- MATH 122 - Elementary Linear Algebra 3 hrs
- MATH 170 - Elementary Statistics (GEQR) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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

Department Information:

Mathematics Department - College of Arts & Sciences

Christopher Gardiner, Ph.D., Department Head

515 Pray Harrold
(734) 487-1444
cgardiner@emich.edu

Department Website

Advisor Information:

Program Advisor: Jay Ramanathan
Email: jramanath@emich.edu

Program Advisor: Gisela Ahlbrandt
Email: gahlbrand@emich.edu

Phone Number for Advisors: 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 (GEQR) 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 (GEWI) 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 400 - History and Development of Mathematics 3 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 (GEWI) 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 448 - Differential Geometry with an Introduction to General Relativity 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 (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Mathematics Department - College of Arts & Sciences

Christopher Gardiner, Ph.D., Department Head

515 Pray Harrold
(734) 487-1444
cgardiner@emich.edu

Department Website

Advisor Information:

Program Advisor: 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 (GEQR) 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 (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Mathematics Department - College of Arts & Sciences

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Required Courses: 26 hours

- MATH 120 - Calculus I (GEQR) 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 (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Mathematics

MATH 091 - Basic Mathematics Review

This basic math review course is for highly motivated students who need only a short review of basic math concepts before attempting to place in to a developmental algebra course. Topics include principles and applications of decimals, fractions, percents, proportions, and order of operations. The course covers concepts in an intense, fast-paced setting.
Note: Credit for this course will not count towards graduation. This is a credit/no-credit course, students will not receive a letter grade.

Credit Hours: 1
Prerequisite: Arithmetic Placement Score of 60-99 points
Last Updated: New Course 3/2013, effective Fall 2013

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 Course Outline

Credit Hours: 4 hrs
Prerequisite: program placement
Notes: Credit for this course will not count toward graduation
Last Updated: Credit Hour Change 2/2014, effective Summer 2014; added course outline 6/14

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 (GEQR)

A study of functions and their graphs, including polynomial, rational, exponential and logarithmic functions; inverse functions; equations and inequalities; and applications.
For more information about this course, review the Math 105 Course Outline

Credit Hours: 3 hrs
Prerequisite: placement or (at least a C in MATH 104)
Quantitative Reasoning:

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; added course outline 6/14

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.
For more information about this course, review the Math 107 Course Outline

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; added course outline 6/14

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.
For more information about this course, review the Math 108 Course Outline

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; added course outline 6/14

MATH 110 - Mathematical Reasoning (GEQR)

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.
For more information about this course, review the Math 110 Course Outline

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
Quantitative Reasoning:

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; added course outline 6/14

MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (GEQR)

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.
For more information about this course, review the Math 110E Course Outline

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
Quantitative Reasoning:

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 techniqes 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 deisgned 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; added course outline 6/14

MATH 112 - Topics in Precalculus Mathematics (GEQR)

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.
For more information about this course, review the Math 112 Course Outline

Credit Hours: 4 hrs
Prerequisite: placement or MATH 105
Notes: Some knowledge of trigonometry is assumed.
Quantitative Reasoning:

The focus of MATH 112 is on the important families of functions used in calculus, their properties, and their applications. Students will learn to use functions to model physical phenomena, and catalog of functions - linear, power, quadratic, polynomial, rational, absolute value. exponential, logarithmic and trigonometric. By the end of the course, students will know the basic properties and graphs of all of these families of functions, and will know how to use them as models for real world

applications
Last Updated: Gen Edu Approval 1/2014, effective Summer 2014; Links 04/2011; added course outline 6/14

MATH 118 - Linear Models and Probability (GEQR)

Linear models, systems of linear equations, linear regression, probability theory, probabilistic simulations, decision theory, descriptive statistics; combinatorics and/or financial models as time permits.
For more information about this course, review the Math 118 Course Outline

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)
Quantitative Reasoning:

Last Updated: Links 04/2011; Gen Ed Approval 12/2006, effective Winter 2007; added course outline 6/14

MATH 119 - Applied Calculus (GEQR)

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.
For more information about this course, review the Math 119 Course Outline

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)
Quantitative Reasoning:

Last Updated: Links 04/2011; Gen Ed Approval 04/2008, effective Spring 2008; added course outline 6/14

MATH 120 - Calculus I (GEQR)

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.
For more information about this course, review the Math 120 Course Outline

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))
Quantitative Reasoning:

Last Updated: Links 04/2011; Gen Ed Approval 03/2007, effective Spring 2007; added course outline 6/14

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.
For more information about this course, review the Math 121 Course Outline

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.
For more information about this course, review the Math 122 Course Outline

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; added course outline 6/14

MATH 140 - Applied Trigonometry and Calculus I for Technology (GEQR)

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.
For more information about this course, review the Math 140 Course Outline

Credit Hours: 4 hrs
Prerequisite: MATH 105 with a C or better or math placement level 5
Equivalent Courses: MATH 119
Quantitative Reasoning:

Last Updated: Spelling Error 7/2014, Links 03/2011; added course outline 6/14

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.
For more information about this course, review the Math 141 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 140
Last Updated: Links 04/2011; added course outline 6/14

MATH 170 - Elementary Statistics (GEQR)

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.
For more information about this course, review the Math 170 Course Outline

Credit Hours: 3 hrs
Prerequisite: Placement (or at least a C) in either of the following courses: MATH 098 or MATH 098B , OR a passing grade in any of the following courses: MATH 104, MATH 105, MATH 107, MATH 110, MATH 110E, MATH 112, MATH 118, MATH 119, or MATH 120.
Quantitative Reasoning:

Last Updated: Change to prerequisites 4/2014, effective Fall 2014

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.
For more information about this course please review the course outline: Math 210 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 108 and MATH 110E
Major Restrictions: Prospective Elementary Teachers only
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, 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.

For more information about this course please review the course outline: Math 211 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 121 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, 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.
For more information about this course please review the course outline: Math 223 Course Outline

Credit Hours: 4 hrs
Prerequisite: at least a C in both MATH 121 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, 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.
For more information about this course please review the course outline: Math 240 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 108 and MATH 110E
Major Restrictions: Prospective Elementary Teachers only
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, 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.
For more information about this course please review the course outline: Math 301 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 108 and MATH 110E; or MATH 210; or MATH 240
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, 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.
For more information about this course please review the course outline: Math 305 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 120 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, Link 5/2012; Links 04/2011

MATH 306W - Teaching Mathematics in Secondary School (GEWI)

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
Writing Intensive:

Last Updated: Link 5/2012; Links 03/2011

MATH 311W - Mathematical Problem Solving (GEWI)

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.
For more information about this course please review the course outline: Math 311W Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 211
Terms Offered: Course Rotation Schedules
Writing Intensive:

Last Updated: Course Outline 6/2014, 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.
For more information about this course please review the course outline: Math 319 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 120 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, 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.
For more information about this course please review the course outline: Math 325 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 121 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, Link 5/2012; Links 04/2011

MATH 341 - College Geometry

An introduction to several geometries such as affine, projective, space-time and non-Euclidean.
For more information about this course please review the course outline: Math 341 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 211
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, 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.
For more information about this course please review the course outline: Math 360 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 120
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, 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.
For more information about this course please review the course outline: Math 370 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 223
Terms Offered: Course Rotation Schedules
Last Updated: Course Outline 6/2014, 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.)
For more information about this course please review the course outline: Math 372 Course Outline

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: Course Outline 6/2014, 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.
For more information about this course please review the course outline: Math 381 Course Outline

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: Course Outline 6/2014, 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.
For more information about this course, review the Math 400 Course Outline

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; added course outline 6/14

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.
For more information about this course, review the Math 401 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 240 and MATH 301
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011; added course outline 6/14

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.
For more information about this course, review the Math 403 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 301 and CURR 304
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011; added course outline 6/14

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.
For more information about this course, review the Math 407 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 211
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011; added course outline 6/14

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.
For more information about this course, review the Math 411 Course Outline

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; added course outline 6/14

MATH 416 - Linear Algebra

Theoretical aspects of linear algebra: vector spaces, linear transformations and matrices, systems of linear equations, diagonalization, inner product spaces.
For more information about this course, review the Math 116 Course Outline

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; added course outline 6/14

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.
For more information about this course, review the Math 418 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 121 and MATH 122
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011; added course outline 6/14

MATH 419W - Introduction to Stochastic Mathematical Modeling (GEWI)

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.
For more information about this course, review the Math 419W Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 223, MATH 311W, MATH 319, MATH 360 or MATH 370 and MATH 122
Terms Offered: Course Rotation Schedules
Writing Intensive:

Last Updated: Link 5/2012; Links 04/2011; added course outline 6/14

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.
For more information about this course, review the Math 420 Course Outline

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; Links 04/2011; added course outline 6/14

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.
For more information about this course, review the Math 424 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 211 and MATH 223
Last Updated: Link 5/2012; Links 04/2011; added course outline 6/14

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.
For more information about this course, review the Math 425 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 223
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011; added course outline 6/14

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 COSC 111
Terms Offered: Course Rotation Schedules
Course Revisions: effective Winter 2015, COSC 120 will be added as a prerequisite

Last Updated: Change to prerequisites 4/2014, effective Winter 2015

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, multicolinearity, auto-correlation of error terms, residual analysis and stepwise regression. A statistical software package (SAS) is used extensively.
For more information about this course, review the Math 461 Course Outline

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; added course outline 6/14

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.
For more information about this course, review the Math 462 Course Outline

Credit Hours: 3 hrs
Prerequisite: MATH 360 or MATH 370
Terms Offered: Course Rotation Schedules
Last Updated: Link 5/2012; Links 04/2011; added course outline 6/14

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.)
For more information about this course, review the Math 472 Course Outline

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; added course outline 6/14

MATH 474W - Applied Statistics (GEWI)

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.
For more information about this course, review the Math474W_CourseOutline

Credit Hours: 3 hrs
Prerequisite: MATH 360 or MATH 370

Terms Offered: Course Rotation Schedules
Writing Intensive:

Last Updated: Link 5/2012; Links 04/2011; added course outline 6/14

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

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 or 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 advisor 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 advisor. 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.

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Sherry Wilkinson, Professor

Music and Dance
N101 Alexander Hall
(734) 487-4380
sjerome@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEWI) 3 hrs
- DANC 351W - History of Dance: Romanticism to the Present (GEWI) 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 advisor 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 (GELB) 1 hr
- PEGN 103 - Ballroom Dance (GELB) 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 (GEKA) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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."

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Program Advisor: 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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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.

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 (GEWI) 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

Wind and Percussion Principals: 11 Hours

- MUSC 249 - University Band (GELB) 1 hr
  Students are required to take 8 hrs of MUSC 249, only one credit hour will be counted towards the degree each semester.
- MUSC 149M - Marching Band (GELB) 1 hr
  Students are required to take 3 hours of MUSC 149M, only one credit hour will be counted towards the degree each semester.

String Principals: 8 Hours

- MUSC 248 - University Orchestra 1 hr
  Students are required to take 8 hours of MUSC 248, only one credit hour will count towards the degree each semester.

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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 3 hrs

The following courses require formal admission to the Inital 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 (GEWI) 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 (GELB) 6 hrs
- EDUC 497 - Student Teaching (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

K-12 Music Education Major (Vocal)

Program Revised, effective Fall 2013

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.

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Program Advisor: 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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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.

Music Courses: 69–77 hours

Core Courses: 45 hours

- MUSC 101 - Music Theory I 3 hrs
- MUSC 102 - Music Theory II 3 hrs
- MUSC 110 - Vocal Diction I: English and Italian 1 hr
- MUSC 111 - Vocal Diction II: German and French 1 hr
- 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 1 hr
- MUSC 301W - History of Music to 1750 (GEWI) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 6 hrs
- EDUC 497 - Student Teaching (GELB) 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:

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.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.*

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Program Advisor: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEWI) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Program Advisor: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEWI) 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 preformed.

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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
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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 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Music Performance Major (Vocal)

Program Revised, Effective Fall 2013

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.

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Program Advisor: Dr. David Pierce
Email: david.pierce@emich.edu
Phone: 734.487.4380

General Education Requirements:

For specific requirements refer to the General Education Program.

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 110 - Vocal Diction I: English and Italian 1 hr
- MUSC 111 - Vocal Diction II: German and French 1 hr
- 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 (GEWI) 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 (GEKH) 4 hrs
- FRNH 122 - Beginning French (GEKH) 4 hrs
- GERN 121 - Beginning German (GEKH) 5 hrs
- GERN 122 - Beginning German (GEKH) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.™

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 tmerril1@emich.edu.

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Program Advisor:

Theresa Merrill
Assistant Professor

Music and Dance
N101 Alexander
(734) 487-4380
tmerril1@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEWI) 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 (GEKN) 4 hrs
- PSY 360 - Abnormal Psychology 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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 advisor upon admission into the program.

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Sherry Wilkinson, Professor

Music and Dance
N101 Alexander Hall
(734) 487-4380
sjerome@emich.edu

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 (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Program Advisor: 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

Due to the unique numbering system in place in the Department of Music and Dance, it has been determined by the University that completion of the Music minor as written in the catalog meets the requirements for graduation.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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 tmerril1@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.

Department Information:

Music & Dance Department - College of Arts & Sciences

Diane L. Winder, D.M., Department Head

354 Alexander Building
(734) 487-1421
diane.winder@emich.edu

Department Website

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 additional department polices posted on the department's website.

Advisor Information:

Program Advisor: 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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 (GEKA)

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
Knowledge of the Disciplines:
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 perform aces 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 (GEKA)

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
Knowledge of the Disciplines:
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 (GEKA)

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
Knowledge of the Disciplines:
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: *

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
Last Updated: Major Restriction Removed 10/2013, effective Winter 2014; 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
Major Restrictions: Only Music Major and Music Minor students may enroll in this course
Last Updated: Major restriction added 10/2013, effective Winter 2014

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
Last Updated: Major Restriction Removed 10/2013, effective Winter 2014; 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
Last Updated: Major Restriction Removed 10/2013, effective Winter 2014; 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
Last Updated: Spelling Error 7/2014

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 300 - Introduction to Video Dance

An experimental examination of the concepts and processes involved in making digital dance videos. Students will have an opportunity to practice recording, audio and editing techniques for dance as they become knowledgeable of aesthetic issues.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** DANC 110, DANC 210, and DANC 245
Class Restrictions: Sophomore, Junior and Senior
Last Updated: New Course 01/2014, effective Summer 2014

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
Major Restrictions: Only Music Major and Music Minor Students may enroll in this course.
Last Updated: Major Restriction added 10/2013, effective Winter 2014

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
Major Restrictions: Only Music Major students may enroll in this course
Last Updated: Major Restriction added 10/2013, effective Winter 2014

DANC 350W - History of Dance: Prehistoric to Renaissance (GEWI)

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
Writing Intensive:

Last Updated: *

DANC 351W - History of Dance: Romanticism to the Present (GEWI)

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
Writing Intensive:

Last Updated: *

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
Major Restrictions: Only Music Major Students may enroll in this course.
Last Updated: Major Restriction added 10/2013, effective Winter 2014; 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 (GEKA)

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
Knowledge of the Disciplines:
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 (GEKA)

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
Repeatable for Credit: No
Knowledge of the Disciplines:

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 (GEKA)

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
Knowledge of the Disciplines:
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: *

MUSC 107 - Music Appreciation (GEKA)

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: Students in the following majors can not enroll in this course: Choral Music; Music Education-Undecided; Music Education, Instrumental; Music Education, Vocal; Music Performance; Music Education; Piano Pedagogy; Music; Music Theory - Literature.
Knowledge of the Disciplines:
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 from, 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.
Last Updated: *

MUSC 108 - World Music (GEGA & GEKA)

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
Perspectives on a Diverse World:
In prehistoric times, every culture conceived of the idea of using their voices and creating instruments to communicate; yet each culture's conception of music differed wildly. In this course, each selected musical tradition is traced from its point of origin to wherever its individual pathway of continuity and transformation may have led. Through this "music-cultural" lens, students view not only the creators of the music, but also how each unique musical tradition relates to diverse and intersecting planes of geography, history, identity and cultural worldview and practice. Global issues such as religious and ideological conflicts, Diasporas, militarism, and nationalism have always been vividly illustrated by a culture's music. Students will gain the ability to see past and present world events from the vantage point of the people who were and are directly affected by them. For these reasons, this course meets the Global Awareness category of the General Education program.
Knowledge of the Disciplines:

The world's diverse and ever-changing forms of music can foster an appreciation for the inherent qualities of creativity and shared global perspectives teaches students to approach its diversity with an open mind, open ears, thoughtfulness, and engagement. By learning to identify the building blocks of music, and how they are organized in each unique culture, students develop the tools to increase their appreciation and enjoyment of music overall. Moreover, these tools provide students with a productive lens through which to view how music undergoes a process of creative transformation that reflects cultures as they change, grow, intersect and adapt. Upon achieving these objectives, students gain the capacity to enhance their appreciation for cultural diversity and intercultural tolerance. For these reasons, this course meets the Arts Discipline category of the General Education program.
Last Updated: Gen Ed Approval 1/2013, effective Summer 2013; 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: Music Therapy Major and Music Therapy Equivalency Certificate
Last Updated: Links 04/2011

MUSC 110 - Vocal Diction I: English and Italian

Designed to introduce the International Phonetic Alphabets, pronunciation rules for Italian and English, its application, and to focus on systematic study of phonetics to increase proficiency in singing in Italian and English.

Credit Hours: 1 hr
Major Restrictions: Restricted to all Music Majors and Minors
Last Updated: New Course, 4/2013, effective Winter 2014

MUSC 111 - Vocal Diction II: German and French

Designed to introduce the International Phonetic Alphabet, pronunciation rules for German and French, its application, and to focus on systematic study of phonetics to increase proficiency in signing in German and French. Prerequisite: Vocal Diction I in English and Italian, or permission from the instructor.

Credit Hours: 1 hr
Repeatable for Credit: No**Prerequisite:** MUSC 110
Major Restrictions: Restricted to All Music Majors and Minors
Last Updated: New Course, 4/2013, effective Winter 2014

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 (GELB)

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
Learning Beyond the Classroom:

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: Bachelor of Music Therapy Major and Music Therapy Equivalency Certificate students only
Last Updated: *

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 (GEKA)

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
Knowledge of the Disciplines:

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
Repeatable for Credit: ?**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 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: Course Revisions 6/2014, effective Fall 2014, 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
Major Restrictions: Music majors and minors only
Last Updated: *

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 (GELB)

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
Learning Beyond the Classroom:
This course satisfies Option 3 of Group One of Learning Beyond the Classroom (LBC)
Last Updated: Number Change 6/2013, effective Winter 2014; 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: 1 hr

Major Restrictions: Music Majors and Minors only
Last Updated: credit hour change 1/2013, effective Summer 2013

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 (GEWI)

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
Writing Intensive:
For music majors, **MUSC 301W - History of Music to 1750** satisfies the General Education Writing Intensive requirement. The course has ben designed to use writing as a central sapect of the pedagaogy, that is, you will write to learn music history. In addition, as an upper level course for music majors, a significant goal fo 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
Repeatable for Credit: ?**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 237
Corequisites: MUSC 324
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

Corequisites: MUSC 304
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: Course Revisions 6/2014, effective Fall 2014, 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

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.

Department Information:

Psychology Department - College of Arts & Sciences

Carol Freedman-Doan, Ph.D., Department Head

341C Mark Jefferson Science Complex
(734) 487-1155
cfreedman@emich.edu

Department Website

Advisor Information:

Please contact the department for Advisor Information

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 32 hours

Required Courses: 14 hours

- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
- PSY 103 - General Psychology Laboratory (GEKN) 1 hr
- PSY 205 - Quantitative Methods in Psychology 3 hrs
- PSY 301W - Introductory Experimental Psychology (GEWI) 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 433 - Cognitive Neuroscience 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

Students may elect any PSY course, that is not already a requirement, to satisfy the 6 hours of elective credit.

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

Minor

Human Sexuality Minor

Program Revised, effective Fall 2013

Department Information:

Psychology Department - College of Arts & Sciences

Carol Freedman-Doan, Ph.D., Department Head

341C Mark Jefferson Science Complex
(734) 487-1155
cfreedman@emich.edu

Department Website

Advisor Information:

Pamela Landau

341E Science Complex

(734) 487-0437

plandau@emich.edu

Required Courses: 9 hours

(Note: PSY 101 is a prerequisite course for all PSY courses)

- 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

- AFC 362 - Black Women: Religion and Sexism 3 hrs
- ANTH 355 - Anthropology of Women 3 hrs
- ANTH 437 - Kinship, Marriage, and Social Organization 3 hrs
- BIO 269 - Biology of Sex and Gender 3 hrs
- CTAC 260 - Gender Communication (GEUS) 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 (GEUS) 3 hrs
- WGST 242 - Psychology of Women 3 hrs
- WGST 260 - Gender Communication (GEUS) 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: 21 hours

Note:

Students may not take more than six credits of PSY courses as electives.

Critical Graduation Information:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Psychology Department - College of Arts & Sciences

Carol Freedman-Doan, Ph.D., Department Head

341C Mark Jefferson Science Complex
(734) 487-1155
cfreedman@emich.edu

Department Website

Advisor Information:

Please contact the department for Advisor Information

Required Courses: 3-4 hours

- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
  or

  PSY 101 - General Psychology Lecture (GEKN) 3 hrs
  and
- PSY 103 - General Psychology Laboratory (GEKN) 1 hr

Elective Courses: 16-17 hours

In consultation with an advisor, students may elect any PSY course, that is not already a requirement, to satisfy the 16-17 hours of elective credit. At least 6 hours must be 300 - level or above.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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."

Department Information:

Psychology Department - College of Arts & Sciences

Carol Freedman-Doan, Ph.D., Department Head

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Department Website

Advisor Information:

Please contact the department for Advisor Information

Required Courses: 3-4 hours

- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
  or

  PSY 101 - General Psychology Lecture (GEKN) 3 hrs
  and
- PSY 103 - General Psychology Laboratory (GEKN) 1 hr

Elective Courses: 16-17 hours

In consultation with an advisor, students may elect any PSY course, that is not already a requirement, to satisfy the 16-17 hours of elective credit. At least 6 hours must be 300 - level or above.

Minor Total: 20 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:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at 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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Psychology

PSY 101 - General Psychology Lecture (GEKN)

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
Knowledge of the Disciplines:

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 (GEKN)

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
Knowledge of the Disciplines:

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, PSY 101 and 103 together, meet the requirements of a natural science courses in the Knowledge of the Disciplines portion of the General Education Program.
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 (GEWI)

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
Writing Intensive:

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 433 - Cognitive Neuroscience

This course will introduce students to basic neuro-anatomy, as well as how the discipline of neuroscience defines such constructs as the mind and brain. Further, it will utilize cognitive neurosceicne methodologies (e.g. fMRI, MRI, PET, and ERPs) to describe the processes of perception, attention, memory, language, and executive functioning (e.g. reasoning, decision making).

Credit Hours: 3 hrs
Prerequisite: PSY 301W
Class Restrictions: All Undergraduates, Post Bac. Teacher Cert.
Last Updated: New Course 12/2013, effective Summer 2014

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

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.

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

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afleisch@emich.edu

Department Website

Advisor Information:

Jeffrey Bernstein, Ph.D.

Political Science
601 Pray Harrold
(734) 487-3113
jbernstei@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 3 hours

One of the following:

- PLSC 112 - American Government (GEKS) 3 hrs
- PLSC 113 - American Government Honors (GEKS) 3 hrs

Undergraduate Requirements: 30 hours

Required Core Courses: 9 hours

- PLSC 210 - Introduction to Political Analysis (GEQR) 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 (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs
- PLSC 213 - Introduction to Political Thought (GEKH) 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 (GEGA) 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 (GEWI) 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 (GEGA) 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 advisor 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 advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Political Science Department - College of Arts & Sciences

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Department Website

Advisor Information:

Jeffrey Bernstein, Ph.D.

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General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 3 hours

- MATH 170 - Elementary Statistics (GEQR) 3 hrs
  or
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 3 hrs

Undergraduate Requirements: 30 hours

Required Core Courses: 9 hours

- PLSC 210 - Introduction to Political Analysis (GEQR) 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 (GEKS) 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 (GEWI) 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

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

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Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

Required Courses: 12 hours

- PLSC 210 - Introduction to Political Analysis (GEQR) 3 hrs
- PLSC 211 - Introduction to Comparative Government (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs
- PLSC 327W - American Foreign Policy Process (GEWI) 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

Catalog Correction: PLSC 344L is also an option for this section

Two courses from the following:

- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 343L - Model United Nations (GELB) 3 hrs
- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 346 - International Political Economy 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (GEGA) 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. 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 491 - Honors Thesis 3 hrs
- PLSC 492 - International Affairs Honors Thesis 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

- AFC 311 - The African Diaspora 3 hrs
- AFC 313 - Contemporary Africa: The Struggle and Prospects for Development (GEGA) 3 hrs

International Economics Perspective

- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 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 (GEWI) 3 hrs

International Geography Perspective

- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- GEOG 111 - Regions and Resources 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 314W - Geography of Russia and Neighboring States (GEWI) 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 (GEGA) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 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 (GEGA & GEKS) 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (GEGA) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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. 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. Students should consult a departmental advisor for guidance about applying these and special topics courses towards the major.

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

601 Pray Harrold
(734) 487-3113
afleisch@emich.edu

Department Website

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 (GEQR) 3 hrs

Two courses from the following:

- PLSC 211 - Introduction to Comparative Government (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs
- PLSC 213 - Introduction to Political Thought (GEKH) 3 hrs
- PLSC 215 - Civil Rights and Liberties in a Diverse US (GEUS) 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 (GEKS) 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 (GEWI) 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:

Catalog Correction: PLSC 343L and PLSC 344L are also options in this category

- 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 (GEWI) 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 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 (GEGA) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 412W - Comparative Legal Systems (GEWI) 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 advisor for a list of possible minors.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 advisor. Recommended choices include: Computer Science, Economics, General Business, Management, Writing, Communication, Conservation and Resource Use, Criminology and Criminal Justice, Aging Studies, Historic Preservation, Journalism Minor, Health Administration, Environmental Analysis, Military Science and Leadership, Nonprofit Administration, Public Law and Government, Social Work, and Urban and Regional Planning

Students are encouraged to take PLSC 112/PLSC 113 American Government as a General Education course prior to the required core courses. With permission of the public administration advisor, 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 advisor 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

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

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(734) 487-3113
afleisch@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 3 hours

- MATH 170 - Elementary Statistics (GEQR) 3 hrs
  or
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 3 hrs

Major Requirements: 36 hours

Required Courses: 21 hours

- PLSC 210 - Introduction to Political Analysis (GEQR) 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 (GEWI) 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 (GEKS) 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. A minor is to be selected in consultation with a public administration advisor. Recommended choices include: Computer Science, Economics, General Business, Management, Writing, Communication, Conservation and Resource Use, Criminology and Criminal Justice, Aging Studies, Historic Preservation, Journalism Minor, Health Administration, Environmental Analysis, Military Science and Leadership, Nonprofit Administration, Public Law and Government, Social Work, and Urban and Regional Planning

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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 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. 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

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

601 Pray Harrold
(734) 487-3113
afleisch@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEWI) 3 hrs

Public Law Elective Courses: 9 hours

Students may not double count courses taken in the Required Area Course Requirements.

- 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 (GEWI) 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 (GEKS) 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 (GEWI) 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 (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 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 (GEWI) 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 346 - International Political Economy 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 (GEQR) 3 hrs
- PLSC 213 - Introduction to Political Thought (GEKH) 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 advisor for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Note:

Courses may not be counted toward more than one requirement within the major.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

601 Pray Harrold
(734) 487-3113
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Department Website

Advisor Information:

Program Advisor: Dr. Joseph Ohren
Email: johren@emich.edu
Phone: 734.487.3113

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 63-64 hours

Foundation Group: 12 hours

One course from the following:

- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs
- ANTH 214 - U.S. Racial and Cultural Minorities (GEUS) 3 hrs
- SOCL 214 - U.S. Racial and Cultural Minorities (GEUS) 3 hrs

One course from the following:

- PLSC 202 - State and Local Government (GEKS) 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 (GEWI) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Minor

International Affairs Minor

New Program, effective Fall 2014

This curriculum provides students with an opportunity to develop an understanding of both area and global issues. It is intended to prepare students for participation in global society, including work with government, business, and non-governmental organizations. It is intended for students who are interested in diplomacy, international affairs, and international service.

There are two tracks within this minor: **Cognate Option A** does not have a foreign language requirement and is directed to students who are either already proficient in a foreign language or who anticipate employment in which such proficiency is not expected. **Cognate Option B** includes a foreign language requirement and is *strongly recommended* for individuals who are seeking work outside of the United States or work in which some familiarity with a foreign language may be asset, such as employment with the foreign service.

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

601 Pray Harrold
(734) 487-3113
afleisch@emich.edu

Department Website

Required Courses: 6 Hours

- PLSC 211 - Introduction to Comparative Government (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs

Comparative Politics Course: 3 Hours

Pick one course 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

International Politics Courses: 3 hours

Catalog Correction: PLSC 344L is also an option in this section

Pick one course from the following:

- PLSC 341 - International Law 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 343L - Model United Nations (GELB) 3 hrs

- PLSC 345 - War and Peace in the Nuclear Age 3 hrs
- PLSC 346 - International Political Economy 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (GEGA) 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:

Students will pick one of the following two cognate options:

Cognate Option A: 9 Hours

Students will select courses from at least two disciplines from an approved list of courses in History, Economics, Anthropology, Geography, Africology & African American Studies, World Languages, and International Business. If a foreign language is selected, students will consult with a World Languages advisor to select an appropriate sequence of classes.

Cognate Option B: 9-12 Hours

Students will take an appropriate sequence of courses in a foreign language - **French**, **German**, **Spanish**, **Japaneses**, or **Chinese** (9-12 Hours). Students will consult with a World Languages advisor to select an appropriate sequence of classes.

Program Total: 21-24 Hours

In total, the minor requires 21 hours (Cognate Option A) or 21-24 hours (Cognate Option B, which may include more hours due to the language labs attached to some courses). This compares to 61-64 credit hours for the existing International Affairs Major .

300-Level or above

All minors must have at least six hours of course work at the 300-level or above.

Cognate Courses:

Africology & African American Studies

- AFC 311 - The African Diaspora 3 hrs
- AFC 313 - Contemporary Africa: The Struggle and Prospects for Development (GEGA) 3 hrs

International Economics Perspective

- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ECON 370 - Comparative Economic Systems 3 hrs
- ECON 385 - Economic Development 3 hrs
- ECON 411 - Intermediate Macroeconomic Analysis 3 hrs

- ECON 412 - Intermediate Microeconomic Analysis 3 hrs
- ECON 480W - International Economics (GEWI) 3 hrs

International Historical Perspective

Students should select only one of the following 100-Level Classes:

- HIST 103 - 20th-Century Civilization (GEGA) 3 hrs
  or
- HIST 110 - World History since 1500 (GEGA) 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 461 - Foreign Relations of the United States 3 hrs

International Social/Cultural Perspective

- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (GEGA) 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

International Geography

- GEOG 107 - Introduction to Geography (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- GEOG 111 - Regions and Resources 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 314W - Geography of Russia and Neighboring States (GEWI) 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 Business

- IB 210 - Fundamentals of Global Business (GEGA) 3 hrs

- IB 370 - International Business Ethics 1.5 hrs
  and
- IB 375 - Doing Business in Countries/Regions 1.5 hrs
  Note: To count toward the INTA Minor, IB 370 and IB 375 would both have to be taken, for a total of 3 credit hours

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Nonprofit Administration Minor

Revised Program, effective Winter 2014

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.

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

601 Pray Harrold
(734) 487-3113
afleisch@emich.edu

Department Website

Advisor Information:

Program Advisor: Dr. Claudia Petrescu
Email: cpetrescu@emich.edu
Phone: 7343.487.3113

Required Courses: 18 hours

General Management Courses:12 Hours

Students need to take the following courses:

- 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
- PLSC 435 - Nonprofit Management and Leadership 3 hrs

Specialty Courses: 3 Hours

Choose one of the following courses:

- CTAC 370 - Nonprofit Organizational Communication 3 hrs
- MGMT 384 - Human Resource Management 3 hrs
- PLSC 334 - Personnel Administration in Government 3 hrs
- PLSC 434 - Nonprofit Board Development 3 hrs
- PLSC 436 - Fundraising for Nonprofits 3 hrs

Practical Application (Skills Development): 3 Hours

- PLSC 480 - Field Seminar in Political Science/Public Administration 3 hrs
  Note: Can be waived for extensive administrative experience in the nonprofit sector with special permission from program advisor

Elective Courses: 3-6 hours

One or two courses (depending on whether an internship is required) from the following not previously been taken.

- AFC 231 - Race, Urbanization and the Policy Mindset 3 hrs
- AFC 351 - The Social Context of African American Health (GEKS) 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 (GEWI) 3 hrs
- LAW 393 - Law of Business Enterprises 3 hrs
- LAW 403 - Employment Law 3 hrs
- MGMT 386 - Organizational Behavior and Theory 3 hrs
- MKTG 360 - Principles of Marketing 3 hrs
- PLSC 434 - Nonprofit Board Development 3 hrs
- PLSC 436 - Fundraising for Nonprofits 3 hrs

- PSY 321 - Child Psychology 3 hrs
- PSY 322 - Psychology of Adolescence 3 hrs
- SOCL 214 - U.S. Racial and Cultural Minorities (GEUS) 3 hrs
- SOCL 303 - Sociology of Childhood and Youth 3 hrs
- SOCL 462 - Complex Organizations 3 hrs

300-Level or above

All minors must have at least six hours of course work at the 300-level or above.

Minor Total: 21-24 hours

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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.

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

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(734) 487-3113
afleisch@emich.edu

Department Website

Required Core Courses: 6 hours

Two courses from the following:

- PLSC 210 - Introduction to Political Analysis (GEQR) 3 hrs
- PLSC 211 - Introduction to Comparative Government (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs
- PLSC 213 - Introduction to Political Thought (GEKH) 3 hrs
- PLSC 215 - Civil Rights and Liberties in a Diverse US (GEUS) 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 (GEKS) 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 (GEWI) 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:

Catalog Correction: PLSC 343L and PLSC 344L are options in this category

- 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 (GEWI) 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 (GEGA) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 412W - Comparative Legal Systems (GEWI) 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:

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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).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at 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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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.

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

601 Pray Harrold
(734) 487-3113
afleisch@emich.edu

Department Website

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 (GEQR) 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 (GEWI) 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 (GEKS) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 deparment website here: http://www.emich.edu/polisci/Internship/undergrad_majors.html

Department Information:

Political Science Department - College of Arts & Sciences

Arnold Fleischmann, Ph.D., Department Head

601 Pray Harrold
(734) 487-3113
afleisch@emich.edu

Department Website

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 (GEWI) 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 (GEUS) 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 (GEWI) 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 (GEKS) 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 (GEWI) 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 (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 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 (GEWI) 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 (GEGA) 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 (GEQR) 3 hrs
- PLSC 213 - Introduction to Political Thought (GEKH) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Political Science

PLSC 112 - American Government (GEKS)

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.
Knowledge of the Disciplines:
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 tot he 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 (GEKS)

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.
Knowledge of the Disciplines:
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.
Last Updated: *

PLSC 120 - Global Issues (GEGA)

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
Perspectives on a Diverse World:
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.
Last Updated: *

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 05/0212, 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 (GEKS)

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
Knowledge of the Disciplines:
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.
Last Updated: *

PLSC 210 - Introduction to Political Analysis (GEQR)

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
Notes: *General Education credit is only available to students who meet QR Choice requirements
Quantitative Reasoning:

Last Updated: Gen Ed Approval 06/2006, effective Summer 2006

PLSC 211 - Introduction to Comparative Government (GEGA)

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
Perspectives on a Diverse World:
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 change 10/2012

PLSC 212 - Introduction to International Politics (GEKS)

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
Knowledge of the Disciplines:
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.
Last Updated: *

PLSC 213 - Introduction to Political Thought (GEKH)

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
Knowledge of the Disciplines:

This course introduces students to the philosophical approach to the discipline of political science. Through careful and exacting readings of primary texts, students are introduce 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.
Last Updated: *

PLSC 215 - Civil Rights and Liberties in a Diverse US (GEUS)

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
Perspectives on a Diverse World:

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.
Last Updated: *

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: AFC 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
Last Updated: *

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 (GEWI)

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
Writing Intensive:
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 and interdisciplinary approach, this course will help students understand the evolution of the nonprofi

t 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 (GELB)

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 (GELB)

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

This course examines the impact of politics on the global economy. This course discusses broad ideas such a 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 (GEWI)

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
Writing Intensive:

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
Repeatable for Credit: No
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: AFC 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 (GEGA)

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
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
Learning Beyond the Classroom:

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 (GEWI)

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.
Writing Intensive:

Last Updated: Graduate Credit 07/2011; Links 04/2011

PLSC 431W - Theories of Public Organization (GEWI)

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.
Writing Intensive:

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 Humanics 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 491 - Honors Thesis

This is a capstone course for Political Science Honors students. A senior thesis is completed in consultation with the faculty member.

Credit Hours: 3 hrs
Prerequisite: Member of the Honors College
Last Updated: Change course type 7/2014, New Course 10/2013, effective Winter 2014

PLSC 492 - International Affairs Honors Thesis

This is a capstone course for Honors students in the International Affairs Program. A senior thesis is completed in consultation with the faculty member.

Credit Hours: 3 hrs
Class Restrictions: Honors College Students Only
Last Updated: New Course 10/2013, effective Winter 2014

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

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.

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

Alexandria Oakes, Ph.D., Department Head

309 Strong Hall
(734) 487-4144
aoakes@emich.edu

Department Website

Advisor Information:

Program Advisor: Dr. Alexandria Oakes
Email: aoakes@emich.edu
Phone: 734.487.8647

Program Advisor: Dr. Weidian Shen
Email: wshen@emich.edu
Phone: 734.487.8797

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 62 hours

Required Math Courses: 18 hours

- MATH 120 - Calculus I (GEQR) 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 (GEKN) 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 (GEWI) 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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:

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

General Science Comprehensive Major

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.

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

Alexandria Oakes, Ph.D., Department Head

309 Strong Hall
(734) 487-4144
aoakes@emich.edu

Department Website

Advisor Information:

Program Advisor: Dr. Bonnie Wylo
Email: bwylo@emich.edu
Phone: 734.487.8642

General Education Requirements:

For specific requirements refer to the General Education Program.

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 advisor 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 (GEKN) 4 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- MATH 105 - College Algebra (GEQR) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 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 (GEKN) 4 hrs
- BIO 105 - Introductory Biology for Non-majors (GEKN) 4 hrs
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- MATH 105 - College Algebra (GEQR) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 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 (GEKN) 4 hrs
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- MATH 105 - College Algebra (GEQR) 3 hrs

- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 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 (GEKN) 4 hrs
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 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 (GEKN) 4 hrs
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs
- MATH 121 - Calculus II 4 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor 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 advisor for course options.

* *Approved Elective Courses:*

This list is not complete; consult with the general science advisor for other possible courses.

- ASTR 204 - Astronomical Investigations (GEKN) 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 (GEKN) 4 hrs
- ESSC 228 - Mineralogy 4 hrs
- ESSC 229 - Rocks and Minerals 3 hrs
- ESSC 320 - Oceanography 3 hrs
- MATH 120 - Calculus I (GEQR) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

Alexandria Oakes, Ph.D., Department Head

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Department Website

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Program Advisor: Diane Jacobs
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Phone: 734.487.8646

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33 hours

Required Courses: 29 hours

- PHY 223 - Mechanics and Sound (GEKN) 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 (GEWI) 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 (GEQR) 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 advisor 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

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Phone: 734.487.8797

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 7 hours

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- COSC 111 - Introduction to Programming 3 hrs

Major Requirements: 57 hours

Required Mathematics Courses: 18 hours

- MATH 120 - Calculus I (GEQR) 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 (GEKN) 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 (GEWI) 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:

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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)."

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.

4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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.

Comprehensive Major Requirements: 57 hours

Life Sciences Courses: 14 hours

- BIO 110 - Introductory Biology I (GEKN) 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 (GEKN) 4 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- CHEM 123 - General Chemistry II 3 hrs
- CHEM 124 - General Chemistry II Laboratory 1 hr
- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs
- PHY 222 - Electricity and Light 4 hrs

Earth/Space Sciences Courses: 18 hours

- ASTR 205 - Principles of Astronomy (GEKN) 4 hrs
- ASTR 315 - Observational Astronomy 3 hrs
- ESSC 110 - The Dynamic Earth System (GEKN) 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 (GEQR) 3 hrs

Option II:

- MATH 120 - Calculus I (GEQR) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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.

Notes:

The below requirement for students to complete a mininimum number of credits at the 300-level or higher is waived for this major. The requirement is met through the Intial Teacher Preparation Program (ITPP).

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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."

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

Alexandria Oakes, Ph.D., Department Head

309 Strong Hall
(734) 487-4144
aoakes@emich.edu

Department Website

Advisor Information:

Program Advisor: Dr. Bonnie Wylo
Email: bwylo@emich.edu
Phone: 734.487.8642

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 54-55 hours

Required Physical Science Courses: 54-55 hours

- ASTR 205 - Principles of Astronomy (GEKN) 4 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEKN) 4 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 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 (GEKN) 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 (GEQR) 3 hrs

Option II:

- MATH 120 - Calculus I (GEQR) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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.

Note:

Each student must choose writing intensive courses as part of major completion requirements. Consult your advisor for course options.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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."

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

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Department Website

Advisor Information:

Program Advisor: Dr. Bonnie Wylo
Email: bwylo@emich.edu
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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:

    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 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 (GEKN) 4 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEKN) 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 (GEKN) 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 (GEQR) 3 hrs

Option B:

- MATH 120 - Calculus I (GEQR) 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 (GEKN) 4 hrs
- ASTR 315 - Observational Astronomy 3 hrs
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- ESSC 111 - The Earth System through Time 4 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 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 (GEKN) 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 (GEQR) 3 hrs

Option B:

- MATH 120 - Calculus I (GEQR) 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEKN) 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 (GEKN) 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 (GEQR) 3 hrs

Option B:

- MATH 120 - Calculus I (GEQR) 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEKN) 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 (GEKN) 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 (GEQR) 3 hrs

Option B:

- MATH 120 - Calculus I (GEQR) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor for course options.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached 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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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.

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

Alexandria Oakes, Ph.D., Department Head

309 Strong Hall
(734) 487-4144
aoakes@emich.edu

Department Website

Advisor Information:

Program Advisor: Dr. Diane Jacobs
Email: djacobs@emich.edu
Phone: 734.487.8799

Program Advisor: 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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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: 35 hours

Required Courses: 31 hours

- ASTR 204 - Astronomical Investigations (GEKN) 1 hr
- ASTR 205 - Principles of Astronomy (GEKN) 4 hrs
- PHY 223 - Mechanics and Sound (GEKN) 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 (GEQR) 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 (GEKN) 3 hrs
  and
- CHEM 116 - Chemistry and Society Laboratory (GEKN) 1 hr

- CHEM 117 - Fundamentals of Chemistry-Lecture (GEKN) 3 hrs
  and
- CHEM 118 - Fundamentals of Chemistry Laboratory (GEKN) 1 hr

- CHEM 120 - Fundamentals of Organic and Biochemistry (GEKN) 4 hrs

- CHEM 121 - General Chemistry I (GEKN) 3 hrs
  and
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr

One course from the following:

- BIO 105 - Introductory Biology for Non-majors (GEKN) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor 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.

Note:

Each student must choose writing intensive courses as part of major completion requirements. Consult your advisor for course options.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

Alexandria Oakes, Ph.D., Department Head

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Department Website

Advisor Information:

Program Advisor: Dr. Patrick Koehn
Email: pkoehn@emich.edu
Phone: 734.487.8795

Program Advisor: David Pawlowski
Email: dpawlows@emich.edu
Phone: 734.487.8644

Required Courses: 11 hours

- ASTR 204 - Astronomical Investigations (GEKN) 1 hr
- ASTR 205 - Principles of Astronomy (GEKN) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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.

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

Alexandria Oakes, Ph.D., Department Head

309 Strong Hall
(734) 487-4144
aoakes@emich.edu

Department Website

Advisor Information:

Program Advisor: Dr. Bonnie Wylo
Email: bwylo@emich.edu
Phone: 734.487.8642

With a major in biology, take the following courses:

- ASTR 205 - Principles of Astronomy (GEKN) 4 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- MATH 105 - College Algebra (GEQR) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs

One course from the following:

- Others as approved by general science advisor
- 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 (GEKN) 4 hrs
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- MATH 105 - College Algebra (GEQR) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs

One course from the following:

- Others as approved by general science advisor
- 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 (GEKN) 4 hrs
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- MATH 120 - Calculus I (GEQR) 4 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs

One course from the following:

- Others as approved by general science advisor
- 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 (GEKN) 4 hrs
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- MATH 120 - Calculus I (GEQR) 4 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs

One course from the following:

- Others as approved by general science advisor
- 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 (GEQR) 3 hrs
- PHY 222 - Electricity and Light 4 hrs

With a major in mathematics, take the following courses:

- ASTR 205 - Principles of Astronomy (GEKN) 4 hrs
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs

One course from the following:

- Others as approved by general science advisor
- 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 (GEKN) 4 hrs
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs

One course from the following:

- Others as approved by general science advisor
- 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

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

Alexandria Oakes, Ph.D., Department Head

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Advisor Information:

Program Advisor: Dr. Marshall Thomsen
Email: jthomsen@emich.edu
Phone: 734.487.8794

Program Advisor: David Pawlowski
Email: dpawlows@emich.edu
Phone: 734.487.8644

Program Advisor: Diane Jacobs
Email: djacobs@emich.edu
Phone: 734.487.8646

Required Courses: 21 hours

- PHY 223 - Mechanics and Sound (GEKN) 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 (GEQR) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
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    - 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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."

Department Information:

Physics & Astronomy Department - College of Arts & Sciences

Alexandria Oakes, Ph.D., Department Head

309 Strong Hall
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aoakes@emich.edu

Department Website

Advisor Information:

Program Advisor: Dr. Diane Jacobs
Email: djacobs@emich.edu
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Program Advisor: Dr. David Pawlowski
Email: dpawlows@emich.edu
Phone: 734.487.8644

Required Physics and Astronomy Courses: 21 hours

- PHY 223 - Mechanics and Sound (GEKN) 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 (GEQR) 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

Note:

** BIO 406, CHEM 406, or ESSC 406 may be substituted for PHY 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Astronomy

ASTR 105 - Exploration of the Universe (GEKN)

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
Knowledge of the Disciplines:
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.

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.
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 (GEKN)

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
Knowledge of the Disciplines:
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 (GEKN)

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
Knowledge of the Disciplines:
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.

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 (GEKN)

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.
Knowledge of the Disciplines:
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.
Last Updated: *

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 (GEKN)

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.
Knowledge of the Disciplines:
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.
Last Updated: Spelling Error 11/2014

PHY 101 - Physical Science in the Arts (GEKN)

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.
Knowledge of the Disciplines:
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.
Last Updated: *

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 (GEKN)

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
Knowledge of the Disciplines:
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 LosAngeles, 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 (GEKN)

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
Knowledge of the Disciplines:
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
Course Revisions: effective Winter 2015, (a C or better in PHY 224) will be required prior to enrolling in this course.

Last Updated: Change to prereq 5/2014, effective Winter 2015; 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
Course Revisions: effective Winter 2015, a C or better in PHY 224 will be required prior to enrolling in this course.

Last Updated: change to prereq 5/2014, effective Winter 2015; 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
Course Revisions: effective Winter 2015, (at least a C in PHY 222) or (at least a C in PHY 224) and MATH 223 will be required prior to enrolling in this course

Last Updated: Change to prereq 5/2014, effective Winter 2015; 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

Course Revisions: effective Winter 2015, (At least a C in PHY 222) or (at least a C in PHY 224) and MATH 121 will be required prior to enroll in this course

Last Updated: Change to Prereq 5/2014, effective Winter 2015; 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.

Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit. Also, (a C or better in PHY 222) or (a C or better in PHY 224), and (PHY 230 or PHY 330) and MATH 121 will be required prior to enrolling in this course.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, Change to prereq 5/2014, effective Winter 2015; 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 (GEWI)

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.
Writing Intensive:

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.
Course Revisions: effective Winter 2015, (At least a C in PHY 222) or (at least a C in PHY 224) and MATH 223 will be needed to enroll in this course

Last Updated: Change to prereq 5/2014, effective Winter 2015; 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, spectroscopes 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.
Course Revisions: effective Winter 2015, At least a C in PHY 222 or PHY 224 and MATH 121 will be needed to enroll in this course

Last Updated: Change to Prereq 5/2014, effective Winter 2015; 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.
Course Revisions: Effective Winter 2015, Change to prerequisites "at least a C in PHY 224"

Last Updated: Change to prerequisites 5/2014, effective Winter 2015; 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, dipoleradiation, 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 224; PHY 230 or PHY 330; MATH 121 or Departmental Permission
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit. Also, (a C or better in PHY 224) will now be required prior to enrolling in this course.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, Change in Prerequisites 5/2014, effective Winter 2015; Change in Prerequisites 2/2013, effective Summer 2013; 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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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

Sociology, Anthropology and Criminology Programs and Courses

Sociology, Anthropology and Criminology

Major

Anthropology Major

Program Revised, effective Fall 2014

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 sub-field.

Department Information:

Sociology, Anthropology, and Criminology Department - College of Arts & Sciences

Anders Linde-Laursen, Ph.D., Department Head

712 Pray Harrold
(734) 487-0012
alindela@emich.edu

Department Website

Advisor Information:

Liza Cerroni-Long, Ph.D., Professor

712 Pray Harrold
(734) 487-0012
liza.cerroni-long@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 30 hours

Required Courses: 12 hours

- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs
- ANTH 140 - Introduction to Physical Anthropology 3 hrs
- ANTH 150 - Introductory Archaeology (GEKS) 3 hrs
- ANTH 210 - History of Anthropological Theory 3 hrs

Restricted Elective Courses: 12 hours

Two anthropology courses at the 400-level (6 hrs), at least one of which must be in cultural anthropology (see advisor), in addition to the following:

One Culture Area Course:

Three hours selected from this list.

- ANTH 212 - Peoples and Cultures of China 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (GEGA) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ANTH 237 - Native North American Cultures (GEUS) 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
- ANTH 370 - Human Osteology in Anthropology 3 hrs
- ANTH 471 - Research Methods in Bio-archaeology 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 advisor for a list of possible minors.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Criminology and Criminal Justice Major

Revised Program, effective Winter 2014

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.

Department Information:

Sociology, Anthropology, and Criminology Department - College of Arts & Sciences

Anders Linde-Laursen, Ph.D., Department Head

712 Pray Harrold
(734) 487-0012
alindela@emich.edu

Department Website

Advisor Information:

Program Advisor: Marilyn Horace-Moore
Email: mhoracem@emich.edu
Phone: 734.487.0012

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 3 hours

One course from the following:

- PHIL 120 - Introduction to Critical Reasoning (GEKH) 3 hrs
- PHIL 130 - Introduction to Logic 3 hrs

Major Requirements: 70 hours

Core Requirements: 12 hours

- SOCL 105 - Introductory Sociology (GEKS) 3 hrs
- SOCL 202 - Social Problems 3 hrs
- PSY 101 - General Psychology Lecture (GEKN) 3 hrs

One course from the following:

- PLSC 112 - American Government (GEKS) 3 hrs
- PLSC 113 - American Government Honors (GEKS) 3 hrs

Criminology and Criminal Justice Courses: 30 hours

- CRM 300 - Criminal Justice 3 hrs
- CRM 301 - Criminology 3 hrs
- CRM 331 - Introduction to Corrections 3 hrs
- CRM 338 - Women, Crime and Justice 3 hrs
- CRM 354 - Juvenile Delinquency 3 hrs
- CRM 362 - Ethics for Criminal Justice Professionals 3 hrs
- CRM 370 - White Collar Crime 3 hrs
- CRM 431 - Policing in Society 3 hrs
- CRM 447W - Senior Seminar in Criminology (GEWI) 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 (GEQR) 3 hrs
- SOCL 304 - Methods in Sociological Research 3 hrs

Sociology/Anthropology Courses: 12 hours

- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs
- ANTH 214 - U.S. Racial and Cultural Minorities (GEUS) 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:

- AFC 441 - Law in the African American Experience 3 hrs
- ANTH 330 - Anthropology of Law and Politics 3 hrs
- CRM 222 - Pornography and Crime 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
- PHIL 355W - Philosophy of Law (GEWI) 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

Nine hours from the following:

- CRM 222 - Pornography and Crime 3 hrs
- CRM 320 - Criminal Investigation 3 hrs
- CRM 321 - Cooperation and Conflict in Society 3 hrs
- CRM 412 - Law and 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
- CRM 420 - Drugs, Crime and Criminal Justice 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:

- ANTH 330 - Anthropology of Law and Politics 3 hrs
- CRM 222 - Pornography and Crime 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 412 - Law and Society 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
- PSY 340 - Psychological Perspectives on Prejudice and Discrimination 3 hrs
- SWRK 120 - Introduction to Social Work Services and Professional Roles 3 hrs

IV. Criminal Justice Administration (CRM ADM)

- CRM 332 - Community Corrections 3 hrs
- CRM 432 - Police Organization 3 hrs

Nine hours from the following:

- ANTH 330 - Anthropology of Law and Politics 3 hrs
- ANTH 345 - Ethnographic Methods 3 hrs
- CRM 222 - Pornography and Crime 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 412 - Law and Society 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
- MGMT 202 - Business Communication 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 (GEWI) 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.*

Extended Programs

This program is available at an EMU off-campus location. For a list of locations, please click here.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

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.

Department Information:

Sociology, Anthropology, and Criminology Department - College of Arts & Sciences

Anders Linde-Laursen, Ph.D., Department Head

712 Pray Harrold
(734) 487-0012
alindela@emich.edu

Department Website

Advisor Information:

Denise Reiling, Ph.D.

712 Pray Harrold
(734) 487-0012

dreiling@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 33 hours

Required Courses: 18 hours

- SOCL 105 - Introductory Sociology (GEKS) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 3 hrs
- SOCL 304 - Methods in Sociological Research 3 hrs
- SOCL 308 - Social Psychology 3 hrs
- SOCL 403W - Modern Sociological Theory (GEWI) 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 (GEGA & GEKS) 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 (GEWI) 3 hrs
- SOCL 312 - Sociology of Health & Illness 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 (GEWI) 3 hrs
- SOCL 312 - Sociology of Health & Illness 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 advisor 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:

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
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General Education Requirements:

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

Minor

Anthropology Minor

Revised program, effective Fall 2014

Department Information:

Sociology, Anthropology, and Criminology Department - College of Arts & Sciences

Anders Linde-Laursen, Ph.D., Department Head

712 Pray Harrold
(734) 487-0012
alindela@emich.edu

Department Website

Advisor Information:

Liza Cerroni-Long, Ph.D.
712 Pray Harrold
(734) 487-0012
liza.cerroni-long@emich.edu

Required Courses: 12 hours

- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs
- ANTH 140 - Introduction to Physical Anthropology 3 hrs
- ANTH 150 - Introductory Archaeology (GEKS) 3 hrs
- ANTH 210 - History of Anthropological Theory 3 hrs

One Culture Area Course: 3 hours

One course from the following:

- ANTH 212 - Peoples and Cultures of China 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (GEGA) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ANTH 237 - Native North American Cultures (GEUS) 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

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.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
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    - 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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General Education Requirements:

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

Criminology/Criminal Justice Minor

Department Information:

Sociology, Anthropology, and Criminology Department - College of Arts & Sciences

Anders Linde-Laursen, Ph.D., Department Head

712 Pray Harrold
(734) 487-0012
alindela@emich.edu

Department Website

Advisor Information:

Program Advisor: 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 (GEWI) 3 hrs
- PLSC 308 - Political Violence and Revolution 3 hrs
- PLSC 412W - Comparative Legal Systems (GEWI) 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:

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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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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.

Department Information:

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Anders Linde-Laursen, Ph.D., Department Head

712 Pray Harrold
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alindela@emich.edu

Department Website

Advisor Information:

Denise Reiling, Ph.D.

712 Pray Harrold
(734) 487-0012

dreiling@emich.edu

Required Courses: 15 hours

- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs
- ANTH 329 - Medical Anthropology 3 hrs
- SOCL 105 - Introductory Sociology (GEKS) 3 hrs
- SOCL 311W - Aging and the Life Course (GEWI) 3 hrs
- SOCL 312 - Sociology of Health & Illness 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:

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- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal 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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- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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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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.

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Department Website

Advisor Information:

Denise Reiling, Ph.D.

712 Pray Harrold
(734) 487-0012

dreiling@emich.edu

Required Courses: 21 hours

- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs
- ANTH 309 - Culture and Personality 3 hrs
- SOCL 105 - Introductory Sociology (GEKS) 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.

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Sociology Minor

Department Information:

Sociology, Anthropology, and Criminology Department - College of Arts & Sciences

Anders Linde-Laursen, Ph.D., Department Head

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Department Website

Advisor Information:

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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 (GEKS) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Anthropology

ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS)

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
Perspectives on a Diverse World:
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.

Knowledge of the Disciplines:

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 (GEKS)

A general survey of the field of archeology; the methodologies and analyses employed in the study of prehistoric cultures.

Credit Hours: 3 hrs
Knowledge of the Disciplines:
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 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 212 - Peoples and Cultures of China

This course provides an overview of anthropological approaches to the study of both traditional and contemporary China, with an emphasis on conditions in the most recent decades. It pays particular attention to issues of family and social relations, gender and kinship, ethnicity, social inequality, and China in globalization.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** ANTH 135
Class Restrictions: All Undergraduates
Last Updated: New Course 4/2014, effective Fall 2014

ANTH 214 - U.S. Racial and Cultural Minorities (GEUS)

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
Perspectives on a Diverse World:
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 233 - Cultures of Mesoamerica and the Caribbean (GEGA)

A regional, historical and topical survey of Mesoamerica (Mexico, Guatemala, Belize, El Salvador and Honduras) and Caribbean cultures.

Credit Hours: 3 hrs
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 religions 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 (GEUS)

A regional, historical and topical survey of aboriginal North American cultures.

Credit Hours: 3 hrs
Perspectives on a Diverse World:
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.
Last Updated: *

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
Repeatable for Credit: No**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
Concurrent Prerequisite: ANTH 361 or ANTH 461
Last Updated: Change to prerequisites 1/2014, effective Summer 2014; 2/18/2011

ANTH 370 - Human Osteology in Anthropology

An in-depth introduction to the human skeleton from an anthropological bio-cultural evolutionary perspective, covering bone histology, growth and development, human variation, pathology, bio-mechanics, taphonomy, and ethical considerations for applications in forensic anthropology and bioarchaeology

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** ANTH 140
Class Restrictions: Sophomore, Junior, Senior, and Second Bachelor
Last Updated: New Course 4/2014, effective Summer 2014

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 412 - Culture, Tourism and Anthropology

Focusing on anthropological studies of cultural tourism, the class introduces major relevant theories and examines ethnographic case studies from around the world, to understand the consequences of tourism on local, regional, national and transnational scales.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** ANTH 135 and ANTH 210
Last Updated: New Course 01/2014, effective Summer 2014

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
Repeatable for Credit: No
Last Updated: New Course 07/2011, effective Fall 2011

ANTH 437 - Kinship, Marriage, and Social Organization

This course emphasizes Variation in family groups, larger descent groups, marriage systems, and kin terminology, with an emphasis on how these strategies are related to property ownership, labor, and gender. The course also emphasizes the historic and ongoing factors behind changing kinship strategies.

Credit Hours: 3 hrs
Prerequisite: ANTH 135 and ANTH 210
Previously Listed As: Kinship and Social Structure
Last Updated: Title and Description Change 2/2013, effective Summer 2013; Graduate Credit Removal 04/2012, effective Fall 2012; Graduate Credit 07/2011

ANTH 439W - Seminar in Anthropological Theory (GEWI)

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
Writing Intensive:

Last Updated: Graduate Credit Removal 04/2012, effective Fall 2012; Gen Ed Approval 12/2011; Graduate Credit 07/2011

ANTH 445W - Culture Analysis Seminar (GEWI)

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
Graduate Credit: Yes
Previously Listed As: ANTH 445
Writing Intensive:

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 462W - Archaeological Theory (GEWI)

A history of archaeological thought and the development of different theoretical trends in contemporary archeology.

Credit Hours: 3 hrs
Prerequisite: ANTH 150 and ANTH 210
Previously Listed As: 462
Writing Intensive:

Last Updated: General Education Approval 10/2013, effective Winter 2014; New Course 1/2013, effective Summer 2013

ANTH 465W - Political Economy in Anthropology (GEWI)

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
Previously Listed As: ANTH 465
Writing Intensive:

Last Updated: General Education Writing Intensive Credit 2/2013, effective Summer 2013; 2/18/2011

ANTH 471 - Research Methods in Bio-archaeology

Applications of methods in bio-archaeological research, including curation, ethical considerations, data collection, and quantitative and qualitative analysis on ancient human skeletal remains.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** ANTH 140 and ANTH 370
Class Restrictions: Sophomore, Junior, Senior, and Second Bachelor
Last Updated: New Course 4/2014, effective Summer 2014

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 (GEKS)

An introduction to policy issues, theories and strategies regarding the fields of criminal justice and criminology.

Credit Hours: 3 hrs
Knowledge of the Disciplines:

Last Updated: -

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 354 - Juvenile Delinquency

The nature, incidence and measurement of juvenile delinquency; theories and causation; juvenile justice philosophies and treatment methods.

Credit Hours: 3 hrs
Last Updated: Department change 7/2014

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
Repeatable for Credit: No
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 410 - Forensic Science Evidence in Criminal Cases

A study of scientific evidence in criminal cases, the standards used to prevent "junk science", the reliability of common forms of evidence (fingerprints,handwriting, hair, bite marks, ballistics, fire and Arson, blood stains, and social sciences testimony), and the impact of DNA exonerations on the reliability of forensic science evidence.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** CRM 300
Last Updated: New Course 5/2013, effective Winter 2014

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 (GEWI)

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
Writing Intensive:

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 (GEKS)

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
Knowledge of the Disciplines:
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: WGST 208
Last Updated: Links 03/2011

SOCL 214 - U.S. Racial and Cultural Minorities (GEUS)

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
Perspectives on a Diverse World:
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 addressed, particularly the social, economic, political and policy consequences.

Credit Hours: 3 hrs
Cross-Listed with: AGIN 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 (GEQR)

Introduction to the evaluation and interpretation of numerical and categorical data using descriptive and inferential statistical techniques.

Credit Hours: 3 hrs
Prerequisite: MATH 104 (with a grade of C or better) or MATH 110 or level 4 math placement (math ACT score greater or equal to 23 or SAT Math score greater or equal to 580 or at least 53 on the College Level Math part of the Mathematics placement test).
Quantitative Reasoning:

Last Updated: prerequsite added 1/2/13, effective Summer 2013 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: Tittle 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 (GEWI)

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
Writing Intensive:

Last Updated: Title and Course Description Change 10/2011, effective Winter 2012; Links 03/2011

SOCL 312 - Sociology of Health & Illness

Sociological Aspects of the experience of health and illness, help-seeking behavior, patient-provider relationship, and health-care systems. Social distribution of diseases and impairment, and associated causal social factors.

Credit Hours: 3 hrs
Prerequisite: SOCL 105
Previously Listed As: Medical Sociology
Last Updated: Change to Title and Description 11/2013, effective Summer 2014; 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 (GEWI)

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
Writing Intensive:
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
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** Change to course title, to "Gendered Globalization:Economic, Political and Cultural Dimensions, and **2)** change to course description.

Last Updated: Course revision note added 6/2014, effective Winter 2015; 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

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.

Department Information:

Women's and Gender Studies - College of Arts & Sciences

Jacqueline K. Goodman, Ph.D., Department Head

714a Pray Harrold
(734) 487-1177
jgoodma9@emich.edu

Department Website

Advisor Information:

Suzanne Gray

714Q Pray Harold
(734) 487-1177
sgray17@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 30 hours

Core Courses: 12 hours

- WGST 200 - Introduction to Women's Studies (GEUS) 3 hrs
  or
- WGST 202 - Introduction to Gender and Sexuality (GEUS) 3 hrs

- PHIL 226 - Feminist Theory (GEGA & GEKH) 3 hrs
  or
- WGST 226 - Feminist Theory (GEGA & GEKH) 3 hrs

- WGST 300 - Feminist Inquiry 3 hrs
- WGST 400W - Capstone Seminar (GEWI) 3 hrs

Restricted Elective Courses: 12 hours

Three hours from each of the following four groups. Special Topics/Independent Study substitutions need to be 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
- HIST 415 - Sexual Communities in American History 3 hrs
- PHIL 326W - Philosophy & Sexuality (GEWI) 3 hrs
- PHIL 426W - Topics in Gender and Philosophy (GEWI) 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 326W - Philosophy & Sexuality (GEWI) 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 415 - Sexual Communities in American History 3 hrs
- WGST 426W - Topics in Gender and Philosophy (GEWI) 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

- AFC 243 - Black Women: Politics and Racism 3 hrs
- AFC 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

- AFC 243 - Black Women: Politics and Racism 3 hrs
- AFC 361 - The African American Family 3 hrs
- AFC 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 (GEGA) 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 3 hrs
- WGST 450 - Topics in Women's and Gender Studies 3 hrs
- WGST 456 - Global Women: A Cross-Cultural Approach 3 hrs

IV. Communities

- BMMT 205 - Women in Business (GEUS) 3 hours
- CTAC 260 - Gender Communication (GEUS) 3 hrs
- CTAC 265 - Communicating and LGBT Community (GEUS) 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 (GEUS) 3 hrs
- WGST 230L - Conversations with Girls (GELB) 4 hrs

- WGST 260 - Gender Communication (GEUS) 3 hrs
- WGST 265 - Communicating and LGBT Community (GEUS) 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 - Internship in Women's and Gender Studies 3 hrs

Elective Courses: 6 hours

Students may choose 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

Minor Requirements:

This program requires a minor. Please contact your program advisor 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

Queer Studies Minor

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.

Department Information:

Women's and Gender Studies - College of Arts & Sciences

Jacqueline K. Goodman, Ph.D., Department Head

714a Pray Harrold
(734) 487-1177
jgoodma9@emich.edu

Department Website

Advisor Information:

Please contact department for advisor information

Required Courses: 6 hours

- WGST 202 - Introduction to Gender and Sexuality (GEUS) 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 (GEUS) 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 (GEUS) 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 326W - Philosophy & Sexuality (GEWI) 3 hrs
- LITR 445 - Sexualities in Literature and Culture 3 hrs
- WGST 326W - Philosophy & Sexuality (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Women's and Gender Studies Minor

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 advisor for other approved women's and gender studies courses offered in the term for which you register.

Department Information:

Women's and Gender Studies - College of Arts & Sciences

Jacqueline K. Goodman, Ph.D., Department Head

714a Pray Harrold
(734) 487-1177
jgoodma9@emich.edu

Department Website

Advisor Information:

Suzanne Gray

714Q Pray Harold
(734) 487-1177
sgray17@emich.edu

Required Courses: 3 hours

- WGST 200 - Introduction to Women's Studies (GEUS) 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 (GEGA & GEKH) 3 hrs
- PHIL 426W - Topics in Gender and Philosophy (GEWI) 3 hrs
- WGST 226 - Feminist Theory (GEGA & GEKH) 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 (GEWI) 3 hrs
- WGST 436 - Women in Art 3 hrs
- WGST 443 - Women in Literature 3 hrs

II. Social and Physical Sciences

Catalog Correction: WGST 210 - Gender in a Transnational World is a course option in this section.

- AFC 243 - Black Women: Politics and Racism 3 hrs
- AFC 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 (GEUS) 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 242 - Psychology of Women 3 hrs
- WGST 243 - Black Women: Politics and Racism 3 hrs
- WGST 260 - Gender Communication (GEUS) 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 Advisor.

- BMMT 205 - Women in Business (GEUS) 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 (GEUS) 3 hrs
- WGST 205 - Women in Business (GEUS) 3 hrs
- WGST 230L - Conversations with Girls (GELB) 4 hrs
- WGST 300 - Feminist Inquiry 3 hrs
- WGST 370 - Women's and Gender Studies Abroad 3 hrs
- WGST 387 - Cooperative Education in Women’s Studies 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 3 hrs
- WGST 487 - Internship in Women’s and Gender 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:

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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 reached in courses 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 in the General Education section of the catalog: General Education

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

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 (GEUS)

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
Perspectives on a Diverse World:
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.
Last Updated: *

WGST 202 - Introduction to Gender and Sexuality (GEUS)

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
Perspectives on a Diverse World:
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.
Last Updated: *

WGST 205 - Women in Business (GEUS)

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
Perspectives on a Diverse World:
This course fulfills the requirement for General Education in the area of Perspectives of a Diverse World- U.S. Diversity, as it reviews the role of women in business from the perspective of the individual and the manager. It traces the development of women's roles in the workforce starting with the dramatic influx of women in manufacturing during World War II. Then it looks at the changing social and business conditions from the 1960's through today that have added to the growing numbers of women workers. Laws enacted to eliminate gender discrimination in employment are reviewed, as well as legislation only applicable to women (such as with pregnancy). This course also examines masculine, feminine and androgynous management and leadership styles, and the unique work challenges faced by women of color. The challenges of global job assignments are reviewed, particularly as they relate to women in children, Lastly, the course introduces students to organizations that provide support for women pursuing business careers.
Last Updated: Gen Edu Approval 5/2013, effective Winter 2014; 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: SOCL 208
Last Updated: Links 03/2011

WGST 210 - Gender in a Transnational World (GEGA)

This course introduces students to a comparative framing of gender issues through a cross-national and inter-sectional 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 inter-sectional 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
Perspectives on a Diverse World:
Gender relations have been increasingly impacted by economic, cultural and political globalization processes. This has led to new dynamics between the local and global in the construction and transformation of gender. By contextualizing and comparing

gender issues across-cultures and socio-economic contexts this course fosters global understanding and values, as well as it builds necessary skills and knowledge to improve gender relations and combat gender inequalities within and among local and global locations. Critically understanding gender relations from a cross cultural perspective becomes central to one's full participation as citizens and workers in increasingly globalized gendered communities and workplaces. As such, WGST 210 *Gender in a Transnational World* meets the outcomes for a course in the Global Awareness category of the General Education Program.
Last Updated: Gen Edu Approval 1/2013, effective Summer 2013; New Course 11/2012, effective Winter 2013

WGST 226 - Feminist Theory (GEGA & GEKH)

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
Perspectives on a Diverse World:
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.
Knowledge of the Disciplines:

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 theses 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 (GELB)

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: AFC 243, PLSC 243
Last Updated: Links 03/2011

WGST 260 - Gender Communication (GEUS)

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
Perspectives on a Diverse World:
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 and WGST 260 meet 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 (GEUS)

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
Perspectives on a Diverse World:

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
Course Revisions: Effective Winter 2015, the following revisions will be made to this course **1)** Number change from "269" to "369" **2)** Cross-listed with BIO 369

Last Updated: Course Revision note added 8/2014, effective Winter 2015; 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 326W - Philosophy & Sexuality (GEWI)

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 326W
Writing Intensive:

Last Updated: Gen Edu Approval 12/2012, effective Winter 2013; 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 focus on issues of sexuality and gender.

Credit Hours: 3 hrs
Cross-Listed with: CHL 353
Last Updated: Spelling Error 7/2014, 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: AFC 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

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
Repeatable for Credit: May be repeated for credit.**Prerequisite:** program director approval
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 400W - Capstone Seminar (GEWI)

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
Writing Intensive:

Last Updated: Gen Edu Approval 12/2012, effective Winter 2013

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

This course surveys gender issues surrounding technology development, transfer and use. We will examine the gender implications of technologies used in everyday life, particularly those that apply to work, health, reproduction, education, and communication. Historical and cross-cultural/global perspectives will be integrated into course themes.

Credit Hours: 3 hrs

Cross-Listed with: STS 420
Last Updated: 03/2011

WGST 426W - Topics in Gender and Philosophy (GEWI)

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
Writing Intensive:

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 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
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Cross-Listed with: LITR 445
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, New Course 11/2012, effective Winter 2013

WGST 450 - Topics in Women's and Gender Studies

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
Repeatable for Credit: May be repeated for credit.**Prerequisite:** WGST 200 or WGST 202
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
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** Change to course title, to "Gendered Globalization:Economic, Political and Cultural Dimensions, and **2)** change to course description.

Last Updated: Course revision note added 6/2014, effective Winter 2015; 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 - Internship in Women's and Gender 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
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

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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 (GEWI) 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

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

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rweston3@emich.edu

Department Website

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 (GEWI) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Group Major in Language and International Careers - French

Revised Program, Effective Fall 2013

The major in language and international careers is designed to integrate the study of modern foreign languages and cultures with preparation in an international career. 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 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

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rweston3@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

Language, International, and Cultural Studies: 33-36 Hours

Language Courses: 24 Hours

Students must complete a minimum of 24 credit hours in french. Depending on initial placement, beginning students may need to take FRNH 121, FRNH 122, FRNH 221, FRNH 222, FRNH 233, or FRNH 234.

Required Courses: 18 Hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 361 - French for International Trade 3 hrs
- FRNH 446 - Business French I 3 hrs
- FRNH 466 - French Speaking Cultures of the World 3 hrs
- A Special Topics in Translation course 3 hrs

Elective Courses: 6 Hours

- FRNH 441 - Survey of French Literature I 3 hrs
- FRNH 442 - Survey of French Literature II 3 hrs
- FRNH 447 - Business French II 3 hrs
- FRNH 450 - French Civilization in Film 3 hrs
- FRNH 466 - French Speaking Cultures of the World 3 hrs
- FRNH 446 - Business French I 3 hrs

International and Cultural Courses (Restricted Electives): 6 Hours

Select 2 required elective courses from the following lists in consultation with an advisor.

Note: students may need to take prerequisites for some courses listed here. Some of these 200-level course may also be used to satisfy EMU general education requirements. Courses selected to fulfill the LIC 6-hour minimum in international and cultural studies cannot also be counted toward the minor.

Anthropology Courses

- ANTH 214 - U.S. Racial and Cultural Minorities (GEUS) 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (GEGA) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ANTH 248 - Peoples and Cultures of the Pacific 3 hrs
- ANTH 329 - Medical Anthropology 3 hrs
- ANTH 330 - Anthropology of Law and Politics 3 hrs
- ANTH 336 - Social and Cultural Change 3 hrs
- ANTH 350 - Ancient Civilizations of Mesoamerica 3 hrs
- ANTH 385 - Culture of Japan 3 hrs

Business Courses

- ACC 475 - International Accounting 3 hrs
- FIN 370 - International Business Finance 3 hrs
- IB 210 - Fundamentals of Global Business (GEGA) 3 hrs
- IB 370 - International Business Ethics 1.5 hrs
- LAW 350 - International Business Law 3 hrs
- MGMT 202 - Business Communication 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

Communication Courses

- CTAC 225 - Listening Behavior (GEKS) 3 hrs
- CTAC 226 - Nonverbal Communication (GEKS) 3 hrs
- CTAC 274 - Intercultural Communication (GEGA) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (GEUS) 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 352 - Communication in Negotiation 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs
- CTAC 376 - Communication and Conflict Resolution 3 hrs

Economic Courses

- ECON 108 - Introduction to the Global Economy (GEGA) 3 hrs
- ECON 385 - Economic Development 3 hrs
- ECON 480W - International Economics (GEWI) 3 hrs

Geography Courses

- GEOG 212 - Geography of Travel and Tourism 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 314W - Geography of Russia and Neighboring States (GEWI) 3 hrs
- GEOG 315 - Travel and Tourism: The European Scene 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 336 - Tourism and Socioeconomic Development 3 hrs

History Courses

- HIST 316 - History and Geography of Modern Europe 3 hrs
- HIST 317 - History and Geography of Spanish America 3 hrs
- HIST 326 - History and Geography of Modern Asia 3 hrs
- HIST 355 - Latin America: Colonial Period 3 hrs
- HIST 356 - Latin America: National Period 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

Political Science Courses

- PLSC 211 - Introduction to Comparative Government (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs
- PLSC 311 - Politics of the Developing World 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 374 - Asian Politics 3 hrs
- PLSC 412W - Comparative Legal Systems (GEWI) 3 hrs

Field Experience: 3-6 Hours

Consult with LIC Advisor for one of the following:

- FRNH 490 - Intensive French Abroad 6 hrs
- 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

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Recommendation for the Minor (21 Hours)

In consultation with an advisor in LIC and an appropriate areas, students can chose a minor to receive concentrated training in a wide variety of professional disciplines, such as Economics, Political Science, Geography, History, Business for non-business majors, Communication, Computer Science, International Affairs, Journalism, Public Law and Government, Health Administration, School Health Education, Social Work, Social Services, Public Administration, Hotel and Restaurant Management, Sociology, Tourism, Military Science and Leadership (ROTC).

Note:

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Group Major in Language and International Careers - Spanish

Revised Program, Effective Fall 2013

The major in language and international careers is designed to integrate the study of modern foreign languages and cultures with preparation in an international career. 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 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

Language, International, and Cultural Studies: 33-36 Hours

Language Courses: 24 Hours

Students must complete a minimum of 24 credit hours in Spanish. Depending on initial placement, beginning students may need to take SPNH 121 , SPNH 122 , SPNH 233 , SPNH 234 , or SPNH 322.

Required Courses: 18 Hours

- SPNH 343 - Spanish Grammar and Composition 3 hrs
- SPNH 344 - Spanish Conversation and Composition 3 hrs
- SPNH 361 - Spanish for International Trade 3 hrs

- SPNH 411 - The Cultures of Spain 3 hrs
  or
- SPNH 412 - The Cultures of Spanish America 3 hrs

- SPNH 446 - Business Spanish I 3 hrs
- A Special Topics in Translation course 3 hrs

Elective Courses: 6 Hours

- SPNH 420 - Introduction to Translation 3 hrs
- SPNH 423 - Hispanic Linguistics 3 hrs
- SPNH 430 - Spanish Phonetics and Phonology 3 hrs
- SPNH 447 - Business Spanish II 3 hrs

International and Cultural Courses (Restricted Electives): 6 Hours

Select 2 required elective courses from the following lists in consultation with an advisor.

Note: students may need to take prerequisites for some courses listed here. Some of these 200-level course may also be used to satisfy EMU general education requirements. Courses selected to fulfill the LIC 6-hour minimum in international and cultural studies cannot also be counted toward the minor.

Anthropology Courses

- ANTH 214 - U.S. Racial and Cultural Minorities (GEUS) 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (GEGA) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ANTH 248 - Peoples and Cultures of the Pacific 3 hrs
- ANTH 329 - Medical Anthropology 3 hrs
- ANTH 330 - Anthropology of Law and Politics 3 hrs
- ANTH 336 - Social and Cultural Change 3 hrs
- ANTH 350 - Ancient Civilizations of Mesoamerica 3 hrs
- ANTH 385 - Culture of Japan 3 hrs

Business Courses

- ACC 475 - International Accounting 3 hrs
- FIN 370 - International Business Finance 3 hrs
- IB 210 - Fundamentals of Global Business (GEGA) 3 hrs
- IB 370 - International Business Ethics 1.5 hrs
- LAW 350 - International Business Law 3 hrs
- MGMT 202 - Business Communication 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

Communication Courses

- CTAC 225 - Listening Behavior (GEKS) 3 hrs
- CTAC 226 - Nonverbal Communication (GEKS) 3 hrs
- CTAC 274 - Intercultural Communication (GEGA) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (GEUS) 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 352 - Communication in Negotiation 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs
- CTAC 376 - Communication and Conflict Resolution 3 hrs

Economic Courses

- ECON 108 - Introduction to the Global Economy (GEGA) 3 hrs
- ECON 385 - Economic Development 3 hrs
- ECON 480W - International Economics (GEWI) 3 hrs

Geography Courses

- GEOG 212 - Geography of Travel and Tourism 3 hrs
- GEOG 235 - Economic Geography 3 hrs

- GEOG 314W - Geography of Russia and Neighboring States (GEWI) 3 hrs
- GEOG 315 - Travel and Tourism: The European Scene 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 336 - Tourism and Socioeconomic Development 3 hrs

History Courses

- HIST 316 - History and Geography of Modern Europe 3 hrs
- HIST 317 - History and Geography of Spanish America 3 hrs
- HIST 326 - History and Geography of Modern Asia 3 hrs
- HIST 355 - Latin America: Colonial Period 3 hrs
- HIST 356 - Latin America: National Period 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

Political Science Courses

- PLSC 211 - Introduction to Comparative Government (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs
- PLSC 311 - Politics of the Developing World 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 374 - Asian Politics 3 hrs
- PLSC 412W - Comparative Legal Systems (GEWI) 3 hrs

Field Experience: 3-6 Hours

Consult with LIC Advisor for one of the following:

- SPNH 490 - Intensive Spanish 6 hrs
- 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

Recommendation for the Minor (21 Hours)

In consultation with an advisor in LIC and an appropriate areas, students can chose a minor to receive concentrated training in a wide variety of professional disciplines, such as Economics, Political Science, Geography, History, Business for non-business majors, Communication, Computer Science, International Affairs, Journalism, Public Law and Government, Health

Administration, School Health Education, Social Work, Social Services, Public Administration, Hotel and Restaurant Management, Sociology, Tourism, Military Science and Leadership (ROTC).

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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Group Major in Language and International Careers- German

Revised Program, Effective Fall 2013

The major in language and international careers is designed to integrate the study of modern foreign languages and cultures with preparation in an international career. 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 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

Language, International, and Cultural Studies: 33-36 Hours

Language Courses: 24 Hours

Students must complete a minimum of 24 credit hours in German. Depending on initial placement, beginning students may need to take GERN 121, GERN 122, GERN 221, GERN 233, or GERN 234.

Required Courses: 18 Hours

- GERN 343 - German Composition on Cultures and Civilization 3 hrs
- GERN 344 - Principles of German Phonetics and Conversation 3 hrs
- GERN 361 - German for International Trade 3 hrs
- GERN 366 - The Cultures of German-Speaking Europe 3 hrs
- GERN 446 - Business German I 3 hrs
- A Special Topics in Translation course 3 hrs

Elective Courses: 6 Hours

- GERN 428 - German Literature and Film from 1945 to the Present 3 hrs
- GERN 441 - Survey of German Literature 800-Enlightenment 3 hrs
- GERN 442 - Survey of German Literature: Enlightenment to 1945 3 hrs
- GERN 443W - German Syntax and Advanced Composition (GEWI) 3 hrs
- GERN 444 - Advanced German Conversation 3 hrs
- GERN 447 - Business German II 3 hrs

International and Cultural Courses (Restricted Electives): 6 Hours

Select 2 required elective courses from the following lists in consultation with an advisor.

Note: students may need to take prerequisites for some courses listed here. Some of these 200-level course may also be used to satisfy EMU general education requirements. Courses selected to fulfill the LIC 6-hour minimum in international and cultural studies cannot also be counted toward the minor.

Anthropology Courses

- ANTH 214 - U.S. Racial and Cultural Minorities (GEUS) 3 hrs
- ANTH 233 - Cultures of Mesoamerica and the Caribbean (GEGA) 3 hrs
- ANTH 236 - Peoples and Cultures of Africa 3 hrs
- ANTH 248 - Peoples and Cultures of the Pacific 3 hrs
- ANTH 329 - Medical Anthropology 3 hrs
- ANTH 330 - Anthropology of Law and Politics 3 hrs
- ANTH 336 - Social and Cultural Change 3 hrs
- ANTH 350 - Ancient Civilizations of Mesoamerica 3 hrs
- ANTH 385 - Culture of Japan 3 hrs

Business Courses

- ACC 475 - International Accounting 3 hrs
- FIN 370 - International Business Finance 3 hrs
- IB 210 - Fundamentals of Global Business (GEGA) 3 hrs
- IB 370 - International Business Ethics 1.5 hrs
- LAW 350 - International Business Law 3 hrs
- MGMT 202 - Business Communication 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

Communication Courses

- CTAC 225 - Listening Behavior (GEKS) 3 hrs
- CTAC 226 - Nonverbal Communication (GEKS) 3 hrs
- CTAC 274 - Intercultural Communication (GEGA) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (GEUS) 3 hrs
- CTAC 350 - Persuasion 3 hrs
- CTAC 352 - Communication in Negotiation 3 hrs
- CTAC 356 - Argumentation and Debate 3 hrs
- CTAC 376 - Communication and Conflict Resolution 3 hrs

Economic Courses

- ECON 108 - Introduction to the Global Economy (GEGA) 3 hrs
- ECON 385 - Economic Development 3 hrs
- ECON 480W - International Economics (GEWI) 3 hrs

Geography Courses

- GEOG 212 - Geography of Travel and Tourism 3 hrs
- GEOG 235 - Economic Geography 3 hrs
- GEOG 314W - Geography of Russia and Neighboring States (GEWI) 3 hrs
- GEOG 315 - Travel and Tourism: The European Scene 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 336 - Tourism and Socioeconomic Development 3 hrs

History Courses

- HIST 316 - History and Geography of Modern Europe 3 hrs
- HIST 317 - History and Geography of Spanish America 3 hrs
- HIST 326 - History and Geography of Modern Asia 3 hrs
- HIST 355 - Latin America: Colonial Period 3 hrs
- HIST 356 - Latin America: National Period 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

Political Science Courses

- PLSC 211 - Introduction to Comparative Government (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 3 hrs
- PLSC 311 - Politics of the Developing World 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 374 - Asian Politics 3 hrs
- PLSC 412W - Comparative Legal Systems (GEWI) 3 hrs

Field Experience: 3-6 Hours

Consult with LIC Advisor for one of the following:

- GERN 490 - Intensive German in Europe 6 hrs
- 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

Recommendation for the Minor (21 Hours)

In consultation with an advisor in LIC and an appropriate areas, students can chose a minor to receive concentrated training in a wide variety of professional disciplines, such as Economics, Political Science, Geography, History, Business for non-business majors, Communication, Computer Science, International Affairs, Journalism, Public Law and Government, Health Administration, School Health Education, Social Work, Social Services, Public Administration, Hotel and Restaurant Management, Sociology, Tourism, Military Science and Leadership (ROTC).

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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Advisor Information:

Program Advisor: 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 (GEWI) 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 (GEWI) 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 (GEGA) 3 hrs
- PLSC 212 - Introduction to International Politics (GEKS) 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 (GEWI) 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 Advisor.

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 advisor.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 (GEWI) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

K-12 French Teaching Major

This major was revised on February 14, 2019, to correct an error. FLAN 411 and FLAN 412 were removed from the Professional Secondary Education Sequence.

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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major

is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEWI) 3 hrs
- FRNH 444 - Advanced French Conversation 3 hrs

Group II: Civilzation 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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.

- EDMT 330 - Instructional Applications of Media and Technology 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-stuent teaching hours is required.

- EDUC 489 - Student Teaching (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

K-12 German Language and Literature Major

This major was revised on February 14, 2019, to correct an error. FLAN 411 and FLAN 412 were removed from the Professional Secondary Education Sequence.

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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEWI) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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.

- EDMT 330 - Instructional Applications of Media and Technology 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 (GELB) 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 advisor for a list of possible minors.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
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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 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

K-12 Japanese Language and Culture Teaching Major

This major was revised on February 14, 2019, to correct an error. FLAN 411 and FLAN 412 were removed from the Professional Secondary Education Sequence.

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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Advisor Information:

Program Advisor: 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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEWI) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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.

- EDMT 330 - Instructional Applications of Media and Technology 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

K-12 Spanish Teaching Major

This major was revised on February 14, 2019, to correct an error. FLAN 411 and FLAN 412 were removed from the Professional Secondary Education Sequence.

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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
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Department Website

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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

- 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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.

** This course 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 (GEWI) 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.

** This course must be taken with or after CURR 305.

- ** EDMT 330 - Instructional Applications of Media and Technology 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
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Department Website

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEWI) 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

Foreign Language Education 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

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Department Website

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Email: anerenz@emich.edu
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Program Advisor: Carla Damiano
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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:

    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEWI) 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

Foreign Language Education 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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

Foreign Language Education 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor for a list of possible minors.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

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.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 advisor for a list of possible minors.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Advisor Information:

Program Advisor: 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 (GEWI) 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 advisor.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Advisor Information:

Program Advisor: 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 advisor.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Classical Studies Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Advisor Information:

Program Advisor: 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 (GEWI) 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 (GEKH) 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 (GEGA) 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:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Required Courses: 12 hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 443W - Advanced French Grammar and Composition (GEWI) 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

One course from the following:

- FRNH 441 - Survey of French Literature I 3 hrs
- FRNH 442 - Survey of French Literature II 3 hrs

Foreign Language Education 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Elementary Education German Language and Literature Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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.

Foreign Language Education 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: 26 hours

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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

Foreign Language Education 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.

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:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 (GEEC), 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 advisor.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Required Courses: 21 hours

- WRTG 225 - Writing in a Changing World 3 hrs
- WRTG 326 - Research Writing 3 hrs
- ESLN 412 - Academic ESL Writing (GEEC) 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 4 hrs

One course from the following:

- ESLN 314 - Advanced ESL Reading 4 hrs
- ESLN 316 - Advanced ESL Speaking and Listening 4 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Foundations in Spanish Translation Minor

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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Required Courses: 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

French Language and Literature Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

French Language Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Required Courses: 12 hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 443W - Advanced French Grammar and Composition (GEWI) 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 advisor.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

German Language and Literature Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 advisor.

Minor Total: 20 hours

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 that 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 reached in courses 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 Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

German Language Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 (GEWI) 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 advisor

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

German Literature Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 advisor.

Minor Total: 20 hours

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Japanese Language Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Required Courses: 12 hours

- JPNE 343W - Japanese Composition (GEWI) 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 advisor.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Required Courses: 12 hours

- FRNH 343 - French Composition 3 hrs
- FRNH 344 - French Conversation 3 hrs
- FRNH 443W - Advanced French Grammar and Composition (GEWI) 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

Foreign Language Education 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

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 (GEWI) 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

Foreign Language Education 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.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Secondary 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.

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 from 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

Immersion Experience: 6 Hours

- SPNH 490 - Intensive Spanish 6 hrs

Foreign Language Education 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Spanish Culture and Literature Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 advisor.

Minor Total: 20 hours

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Spanish Language Minor

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

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 advisor.

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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."

Department Information:

World Languages Department - College of Arts & Sciences

Rosemary Weston-Gil, Ph.D., Department Head

219 Alexander Hall
(734) 487-0130
rweston3@emich.edu

Department Website

Advisor Information:

Program Advisor: 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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 cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Chinese

CHNE 121 - Beginning Chinese I (GEKH)

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
Notes: Students who earn a 3 on the AP Chinese Exam may receive credit in this course.
Knowledge of the Disciplines:

Last Updated: AP credit added 5/2013

CHNE 122 - Beginning Chinese II (GEKH)

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
Notes: Students who earn a 4 on the AP Chinese Exam may earn credit in this course.
Knowledge of the Disciplines:

Last Updated: Links 04/2011

CHNE 211 - Beginning Chinese III (GEKH)

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
Knowledge of the Disciplines:

Last Updated: Links 04/2011

CHNE 212 - Beginning Chinese IV (GEKH)

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
Knowledge of the Disciplines:

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 (GEKH)

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
Knowledge of the Disciplines:
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 002 - Foundations in ESL Writing

This course develops basic writing skills including appropriate use of selected vocabulary and grammar at the foundational level. Students will produce accurate sentences and progress to short and simple paragraphs on topics related to their personal and everyday life.

Credit Hours: 6 hrs
Repeatable for Credit: No**Prerequisite:** Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

ESLN 004 - Foundations in ESL Reading

Students learn basic reading, vocabulary, and grammar skills. Students will able to recognize basic parts of a sentence and understand the main idea. Students will be able to understand short and simplified reading passages related to their daily life and community.

Credit Hours: 6 hrs
Repeatable for Credit: No**Prerequisite:** Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

ESLN 006 - Foundations in ESLN Speaking/Listening

This course builds basic speaking and listening skills in personal contexts. Student practice simple phrases and sentences such as asking and answering simple questions on personal and daily topics. Students learn vocabulary and grammar, improve pronunciation, and develop fluency and confidence.

Credit Hours: 6 hrs
Repeatable for Credit: no**Prerequisite:** Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

ESLN 008 - Foundations in ESL Vocabulary

This course is designed to expand students' knowledge of general vocabulary and improve their use of strategies for vocabulary learning. Students learn to recognize new vocabulary in reading passages and listening excerpts at the beginning level, and use it correctly in speaking and writing activities.

Credit Hours: 3 hrs
Repeatable for Credit: Yes, 3 hrs**Prerequisite:** Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

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 builds on students' knowledge of sentence writing and leads them through the process of writing paragraphs. Students write, revise, and edit paragraphs on a variety of personal topics. Students develop their use of basic vocabulary and grammar.

Credit Hours: 6 hrs
Prerequisite: department permission
Corequisites: ESLN 010
Cross-Listed with: ESLN 112
Last Updated: Course description and credt hour change 03/2013; effective SUMMER 2013: 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

This course teaches students to read simplified texts on general topics of interest. Students learn to identify the structure, main ideas, and supporting details of texts.. Students use knowledge of grammar and vocabulary to comprehend meaning in readings and to respond effectively through written or spoken assignments.

Credit Hours: 6 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 114
Last Updated: Credit hour and course description change 03/2013; effective SUMMER 2013: Links 04/2011

ESLN 015 - 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 016 - Beginning ESL Speaking and Listening

This course builds speaking and listening skills in social settings. Students learn and practice short conversations on personal topics. Students develop vocabulary and improve fluency, using understandable pronunciation and grammar.

Credit Hours: 6 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 116
Last Updated: Credit hour and course description change 03/2013; effective SUMMER 2013: 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 - Beginning ESL Vocabulary

This course is designed to expand students' knowledge of general vocabulary and improve their use of strategies for vocabulary learning. Students learn to recognize new vocabulary in reading passages and listening excerpts at the pre-intermediate level, and use it correctly in speaking and writing activities.

Credit Hours: 3 hrs
Repeatable for Credit: Yes**Prerequisite:** Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

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 teaches students how to write different kinds of paragraphs with good support. Students write a series of paragraphs and short essays on personal and general interest topics. Students learn how to use intermediate grammar and new vocabulary to write clearly.

Credit Hours: 6 hrs
Prerequisite: department permission
Corequisites: ESLN 020

Cross-Listed with: ESLN 212
Last Updated: Credit hour and course description change 03/2013; effective SUMMER 2013: Links 04/2011

ESLN 024 - Intermediate ESL Reading

This course teaches students to read intermediate texts on general topics of interest. Students learn to identify the structure, main ideas, and supporting details of texts. Students use knowledge of grammar and vocabulary to comprehend meaning in intermediate-level readings and to respond effectively through written or spoken assignments.

Credit Hours: 6 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 214
Last Updated: Credit hour and course description change 03/2013; effective SUMMER 2013: Links 04/2011

ESLN 026 - Intermediate ESL Speaking and Listening

This course teaches students to speak fluently and understand informal spoken English. Student improve their ability to talk about personal and informal topics in social and academic settings. Students learn pronunciation, spoken vocabulary and grammar.

Credit Hours: 6 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 216
Last Updated: Credit hour and course description change 03/2013; effective Summer 2013: Links 04/2011

ESLN 028 - Intermediate ESL Vocabulary

This course is designed to expand students' knowledge of general vocabulary and improve their use of strategies for vocabulary learning. Students learn to recognize new vocabulary in reading passages and listening excerpts at the intermediate level, and use it correctly in speaking writing activities.

Credit Hours: 3 hrs
Prerequisite: Department Permission
Last Updated: Spelling Error 7/2014, New Course 3/2013, effective Summer 2013

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 read and write effective compositions in multiple genres and develop their ability to analyze and critique peer writing. Students will improve their use of advanced

vocabulary and grammar structures.

Credit Hours: 4 hrs
Prerequisite: department permission
Corequisites: ESLN 030
Cross-Listed with: ESLN 312
Last Updated: Change in Description and Credit Hours 2/2013, effective Summer 2013; 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

This course teaches students to comprehend authentic, informational texts. Students identify main and supporting ideas, summarize information, pose critical questions and infer the meaning of new vocabulary from context. Students practice skills in intensive and extensive reading, and will us skills in academic vocabulary and grammar to build reading fluency.

Credit Hours: 4 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 314
Last Updated: Change in Description and Credit Hours 2/2013, effective Fall 2013; Links 04/2011

ESLN 036 - Advanced ESL Speaking and Listening

This course improves oral skills for participation in academic and social settings. Students practice listening and speaking skills in classroom presentations and discussions. Students learn note-taking skills from talks featuring a variety of accents. Student learn to use informal versus academic vocabulary and grammar form appropriately in context.

Credit Hours: 4 hrs
Prerequisite: department permission
Cross-Listed with: ESLN 316
Last Updated: Change in Description and Credit Hours 2/2013, effective Summer 2013; 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
Notes: Academic Service Learning Course (Winter 2015, CRN: 25531).
Last Updated: Course Note 12/2014; 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 041 - Advanced ESL Vocabulary

This course is designed to expand students' knowledge of academic vocabulary and improve their use of strategies for vocabulary learning. Students learn to recognize new vocabulary in reading passages and listening excerpts at the high-intermediate level, and use it correctly in speaking and writing activities.

Credit Hours: 3 hrs
Repeatable for Credit: Yes, 3 hrs**Prerequisite:** Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

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 049 - Academic ESL Vocabulary

This course is designed to expand students' knowledge of academic vocabulary and improve their use of strategies for vocabulary learning. Students learn to recognize new vocabulary in reading passages and listening excerpts at the advanced level, and use it correctly in speaking and writing activities.

Credit Hours: 3 hrs
Prerequisite: Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

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 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 builds on students' knowledge of sentence writing and leads them through the process of writing paragraphs. Students write, revise, and edit paragraphs on a variety of personal topics. Students develop their use of basic vocabulary and grammar.

Credit Hours: 6 hrs
Prerequisite: Department permission
Corequisites: ESLN 110
Last Updated: Change in Description and Credit Hours 2/2013, effective Summer 2013; 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

This course teaches students to read simplified texts on general topics of interest. Students learn to identify the structure, main ideas, and supporting details of texts. Students use knowledge of grammar and vocabulary to comprehend meaning in readings

and to respond effectively through written or spoken assignments.

Credit Hours: 6 hrs
Prerequisite: department permission or placement exam
Last Updated: Change in Description and Credit Hours 2/2013, effective Summer 2013

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 speaking and listening skills in social settings. Students learn and practice short conversations on personal topics. Students develop vocabulary and improve fluency, using understandable pronunciation and grammar.

Credit Hours: 6 hrs
Prerequisite: department permission
Last Updated: Change in Description and Credit Hours 2/2013, effective Summer 2013

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 120 - Beginning ESL Vocabulary

This course is designed to expand students' knowledge of general vocabulary and improve their use of strategies for vocabulary learning. Students learn to recognize new vocabulary in reading passage and listening excerpts at the pre-intermediate level, and use it correctly in speaking and writing activities.

Credit Hours: 3 hrs
Prerequisite: Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

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 teaches students how to write different kinds of paragraph with good support. Students write a series of paragraphs and short essays on personal and general interests topics. Student learn how to use intermediate grammar and new vocabulary to write clearly.

Credit Hours: 6 hrs
Prerequisite: department permission
Corequisites: ESLN 210
Last Updated: Change in Description and Credit Hours 2/2013, effective Summer 2013; Links 04/2011

ESLN 214 - Intermediate ESL Reading

This course teaches students to read intermediate texts on general topics of interest. Students learn to identify the structure, main ideas, and supporting details of texts. Students use knowledge of grammar and vocabulary to comprehend meaning in intermediate-level readings and to respond effectively through written or spoken assignments.

Credit Hours: 6 hrs
Prerequisite: department permission or placement
Last Updated: Change in description & credit hours 2/2013, effective Summer 2013

ESLN 216 - Intermediate ESL Speaking and Listening

This course teaches students to speak fluently and understand informal spoken English. Students improve their ability to talk about personal and informal topics in social and academic settings. Students learn pronunciation, spoken vocabulary, and grammar.

Credit Hours: 6 hrs
Prerequisite: department permission or placement
Last Updated: Change in Description & Credit Hours 2/2013, effective Summer 2013

ESLN 219 - Intermediate ESL Vocabulary

This course is designed to expand students' knowledge of general vocabulary and improve their use of strategies for vocabulary learning. Students learn to recognize new vocabulary in reading passages and listening excerpts at the intermediate level, and use it correctly in speaking writing activities.

Credit Hours: 3 hrs
Repeatable for Credit: Yes, 3 Credits**Prerequisite:** Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

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 read and write effective compositions in multiple genres, and develop their ability to analyze and critique peer writing. Students will improve their use of advanced vocabulary and grammar structures.

Credit Hours: 4 hrs
Prerequisite: department permission
Corequisites: ESLN 310
Last Updated: Change in Description and Credit Hours 2/2013, effective Summer 2013; 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

This course teaches students o comprehend authentic, informational texts. Students identify main and supporting ideas, summarize information, pose critical questions and infer the meaning of new vocabulary from context. Students practice skills in academic vocabulary and grammar to build reading fluency.

Credit Hours: 4 hrs
Prerequisite: ESLN 214, department permission or placement
Last Updated: Description and Credit Hour Change, 2/2013, effective Summer 2013; 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 oral skills for participation in academic and social settings. Students practice listening and speaking skills in classroom presentations and discussions. Students learn note-taking skills, especially from talks featuring a variety of accents. Students learn to use informal versus academic vocabulary and grammar forms appropriately in context.

Credit Hours: 4 hrs
Prerequisite: ESLN 216, department permission or placement
Last Updated: Change in Description & Credit Hours 2/2013, effective Summer 2013; 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
Notes: Academic Service Learning Course (Winter 2015, CRN: 25530).
Last Updated: Course Note 12/2014

ESLN 320 - Advanced ESL Vocabulary

This course is designed to expand students' knowledge of academic vocabulary and improve their use of strategies for vocabulary learning. Students learn to recognize new vocabulary in reading passages and listening excerpts at the high-intermediate level, and use it correctly in speaking and writing activities.

Credit Hours: 3 hrs
Repeatable for Credit: Yes, 3 Credits**Prerequisite:** Department Permission
Last Updated: New Course 3/2013, effective Summer 2013

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 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: Department change 7/2014

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 (GEEC)

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
Effective Communication:
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 419 - Academic ESL Vocabulary Seminar

This course is designed to expand students' knowledge of academic vocabulary and improve their use of strategies for vocabulary learning. Students learn to recognize new vocabulary in reading passages and listening excerpts at the advanced level, and use it correctly in speaking and writing activities.

Credit Hours: 3 hrs
Prerequisite: Department permission
Last Updated: New course 03/2013; effective Summer 2013

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

French

FRNH 111 - Introduction to French and the French-Speaking World (GEGA)

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
Repeatable for Credit: No
Perspectives on a Diverse 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 (GEKH)

Introductory course including practice in listening, speaking, reading and writing in French. Sessions in the language laboratory are part of regular assignments.

Credit Hours: 4 hrs
Knowledge of the Disciplines:
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.
Last Updated: Change to Credit Hours 2/2014, effective Summer 2014

FRNH 122 - Beginning French (GEKH)

Introductory course including practice in listening, speaking, reading and writing in French. Sessions in the language laboratory are part of regular assignments.

Credit Hours: 4 hrs
Prerequisite: FRNH 121 or by placement exam
Knowledge of the Disciplines:
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: Change to Credit Hours 12/2013, effective Fall 2014; 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) (GEKH)

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
Knowledge of the Disciplines:

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

FRNH 222 - Intermediate French (Reading) (GEKH)

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
Knowledge of the Disciplines:

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

FRNH 233 - Intermediate French Conversation, Composition and Grammar (GEKH)

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

Knowledge of the Disciplines:

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

FRNH 234 - Intermediate French Conversation, Composition and Grammar (GEKH)

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
Knowledge of the Disciplines:

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: Spelling Error 7/2014, 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 420 - Introduction to Translation (French/English - English/French)

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 French and French into English. Various professional areas are included (Business, tourism, office etiquette, etc.)

Credit Hours: 3 hrs
Prerequisite: FRNH 343 and FRNH 344
Concurrent Prerequisite: FRNH 443W
Last Updated: New Course 2/2014, effective Fall 2014

FRNH 421 - Introduction to French Interpretation

Introductory course in consecutive dialogue interpreting for the professions. Compare modes of expression and introduce theoretical aspects and practical techniques of interpreting using simulations. Students interpret from English into French and French into English. Various professional areas are included (business, tourism, office etiquette, etc). Students also do a field project and write a research paper on an aspect of interpreting.

Credit Hours: 3 hrs
Prerequisite: FRNH 443W
Last Updated: New Course 2/2014, effective Fall 2014

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 (GEWI)

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.
Writing Intensive:

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 490 - 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
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Notes: Offered on a credit/no-credit basis.
Last Updated: Department change 7/2014, Graduate Credit 07/2011

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 111 - Introduction to German Language and German-Speaking Cultures (GEGA)

This course introduces student to the German language as well as the cultures of the German-speaking world thought interactive participation, films, readings, and extracurricular cultural activities. Student will gain basic knowledge of German language. Does not count toward German major or minor. Taught in German and English.

Credit Hours: 3 hrs
Repeatable for Credit: No
Perspectives on a Diverse World:

Last Updated: Gen Edu Approval 6/2013, effective Winter 2014; New Course 4/2013, effective Winter 2014

GERN 121 - Beginning German (GEKH)

Instruction includes pronunciation, aural-oral pattern practice, the fundamentals of grammar, written exercises and reading.

Credit Hours: 5 hrs
Knowledge of the Disciplines:

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.
Last Updated: *

GERN 122 - Beginning German (GEKH)

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
Knowledge of the Disciplines:
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 (GEKH)

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
Knowledge of the Disciplines:
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 (GEKH)

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
Knowledge of the Disciplines:
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 (GEKH)

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
Knowledge of the Disciplines:
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 (GEKH)

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
Knowledge of the Disciplines:
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 and 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: Spelling error 07/2014; Graduate Credit 07/2011; Links 04/2011

GERN 443W - German Syntax and Advanced Composition (GEWI)

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.
Writing Intensive:

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 (GEKH)

Practice in elementary conversation with special attention to reading and writing the two Japanese syllabaries and basic ideographs.

Credit Hours: 5 hrs
Knowledge of the Disciplines:
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.
Last Updated: *

JPNE 122 - Beginning Japanese II (GEKH)

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
Knowledge of the Disciplines:
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 (GEKH)

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
Knowledge of the Disciplines:

Last Updated: Gen Ed Approval 04/2012, effective Fall 2012; Links 04/2011

JPNE 212 - Intermediate Japanese II (GEKH)

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
Knowledge of the Disciplines:

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 (GEWI)

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
Writing Intensive:

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 111 - Introduction to Spanish Language and Hispanic Cultures (GEGA)

This course introduces students to the Spanish Language as well as the cultures of the Spanish - Speaking world through interactive participation, films, readings and extracurricular cultural activities. Students will gain basic knowledge of Spanish language. Does not count towards SPNH major. Taught in English and Spanish.

Credit Hours: 3 hrs
Class Restrictions: All Undergraduates
Perspectives on a Diverse World:

Last Updated: Gen Edu Approval 6/2013, effective Winter 2014; New Course, 4/2013, effective Winter 2014

SPNH 121 - Beginning Spanish I (GEKH)

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: 4 hrs
Knowledge of the Disciplines:
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 theses structures while developing a new perspective on their own language, and an appreciation of a foreign cultural viewpoint.
Last Updated: Change to Credit Hours 12/2013, effective Summer 2014

SPNH 122 - Beginning Spanish II (GEKH)

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: 4 hrs
Prerequisite: SPNH 121 or by placement exam
Knowledge of the Disciplines:
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: Change to Credit Hours 02/2014, effective Summer 2014; 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 233 - Intermediate Spanish I (GEKH)

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: 3 hrs
Prerequisite: SPNH 122 or by placement exam
Previously Listed As: SPNH 201
Knowledge of the Disciplines:
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: Change to course number and credit hours 2/2014, effective Summer 2014; Links 03/2011

SPNH 234 - Intermediate Spanish II (GEKH)

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: 3 hrs
Prerequisite: SPNH 233 or by placement exam
Previously Listed As: SPNH 202
Knowledge of the Disciplines:
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: Change to Number and Credit Hours 12/2013, effective Fall 2014; 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

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 234 or by department permission
Previously Listed As: SPNH 222

Last Updated: Removal from Gen Edu 3/2013, effective Summer 2013; Number and Prerequisite change 11/2012, effective Winter 2013; Gen Ed Approval 04/2012, effective Fall 2012; 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 234 or department permission
Last Updated: Prerequiste 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 234 or department permission
Last Updated: Prerequisite change 11/2012, 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 322 or departmental permission
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
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 322 or department permission
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
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
Repeatable for Credit: Yes (up to 9 credits)**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.
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

Interdisciplinary Programs

Interdisciplinary Programs

Major

Interdisciplinary Environmental Science and Society (IESS)

Program Revised, Effective Fall 2013

The Interdisciplinary Environmental Science and Society (IESS) program is an interdisciplinary program designed to provide broad knowledge of the interaction between humans and the environment from various points of view. Students can tailor their curriculum by following one of several concentrations and sub-concentrations to gain a deeper understanding of an environmental issue depending on their interest. Currently, concentrations in *Environmental Science* and *Environment and Society* are available, but more can be developed in the future. All IESS students will learn how population growth and increased economic activity affect our environment and how GIS can be used as a tool to present environmental data. Students choosing the *Environmental Science* concentration learn the concepts needed to understand the "Grand Challenges in Environmental Science" as identified by the National Academies of Science including biodiversity and ecosystem functioning, climate variability, hydrologic forecasting, land-use dynamics, and biogeochemical cycles. Students choosing the *Environment and Society* concentration learn how environmental policies and regulations have economic, political, and social impacts.

Students completing the program will be competitive to enter careers such as environmental technician, environmental advocate, hydrologist, resource manager, and environmental lobbyist. Research institutions, regulatory agencies, nonprofit organizations, and consulting firms will be the main source of employment for graduates of the program. Although, as with many science baccalaureate degrees, many of the jobs available to students who complete the *Environmental Science* concentration are entry-level, experience and graduate work can allow students to advance to environmental management positions. The environmental science degree, in consultation with an advisor, prepares students to enter a graduate degree or graduate certificate program in a specific environmental science such as atmospheric scientist, ecologist, or hydrogeologist.

General Education Requirements:

For specific requirements refer to the General Education Program.

Advisor Information:

Tom Kovacs, Ph.D., Professor

303D Mark Jefferson Science Complex
(734) 487-8591
tkovacs@emich.edu

Required Core Courses: 32-34 hours

- ENVI 105 - Introduction to Environment and Society (GEGA) 3 hrs
- ENVI 305W - Current Topics in Environmental Science and Society (GEWI) 3 hrs

- ENVI 405 - Capstone Seminar 1 hr
- GEOG 276 - Principles of Geographic Information Systems 3 hrs
- MATH 170 - Elementary Statistics (GEQR) 3 hrs
- PHIL 229 - Environmental Ethics (GEKH) 3 hrs

One of the following:

- BIO 107 - Introduction to Environmental Science (GEGA) 3 hrs
- ESSC 107 - Introduction to Environmental Science (GEGA) 3 hrs

One of the following:

- * BIO 110 - Introductory Biology I (GEKN) 5 hrs
- BIO 226 - Global Ecology and the Environment 4 hrs

One of the following:

- CHEM 115 - Chemistry and Society (GEKN) 3 hrs
  AND
- CHEM 116 - Chemistry and Society Laboratory (GEKN) 1 hr

  OR

- * CHEM 121 - General Chemistry I (GEKN) 3 hrs
  AND
- * CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr

One of the following:

- ESSC 108 - Earth Science for Nonscience Majors (GEKN) 3 hrs
  AND
- ESSC 109 - Earth Science Laboratory for Non-Science Majors (GEKN) 1 hr

  OR

- * ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs

Choose a Concentration:

Students must choose from either the Environmental Science concentration or the Environment and Society concentration.

Environmental Science Concentration: 45-58 hours

Students choose an emphasis from the list below. Students must complete all the requirements of the emphasis chosen.

Atmosphere and Climate Emphasis

Environmental Biology Emphasis

Environmental Chemistry Emphasis

Environmental Geoscience Emphasis

Environmental Hydrology Emphasis

Environment and Society Concentration: 30 hours

Required Concentration Courses: 15 hours

- ESSC 495 - Environmental Assessment and Planning 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- HIST 416 - American Environmental History 3 hrs
- LAW 456 - Environmental Law 3 hrs
- PLSC 381 - Public Policy Analysis 3 hrs

Concentration Electives: 15 hours

Students choose 5 courses from the following:

- ECON 336 - Economics of Environment and Natural Resources 3 hrs
- WRTG 310 - Writing and Civic Literacy 3 hrs
- GEOG 150 - Thinking Sustainably (GEGA) 3 hrs
- PHIL 224 - Ethics and Food (GEKH) 3 hrs
- PHIL 429W - Topics in Environmental Philosophy (GEWI) 3 hrs
- PLSC 336 - Foundations of the U.S. Nonprofit Sector 3 hrs
- PLSC 342 - International Organizations 3 hrs
- PLSC 435 - Nonprofit Management and Leadership 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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

Department Information:

English Language & Literature Department - College of Arts & Sciences

Mary K. Ramsey, Ph.D., Department Head

612 Pray Harrold
(734) 487-4220
mramsey6@emich.edu

Department Website

Advisor Information:

Ramona Caponegro

603D Pray-Harrold
(734) 487-4830
rcaponeg@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 36 hours

Required Courses: 21 hours

- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- CHL 208 - Multicultural Children's Literature (GEUS) 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 (GEWI) 3 hrs
- CHL 451W - Writing about Controversy in Literature for the Young (GEWI) 3 hrs

One course from the following:

- CTAR 222 - Drama and Play in the Human Experience (GEKA) 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 advisors permission, substitute appropriate 500- level course.

- CHL 137 - Harry Potter: Literary Allusion, Children's Literature and Popular Culture (GEKH) 3 hrs
- CHL 209 - Global Children's Literature (GEGA) 3 hrs
- CHL 351 - World Mythology 3 hrs
- CHL 352 - Folk Literature: Ballads and Folk Tales 3 hrs
- CHL 353 - Genders and Sexualities in Literature for Young Readers 3 hrs
- CHL 450W - Children's Literature: Criticism and Response (GEWI) 3 hrs
- CHL 451W - Writing about Controversy in Literature for the Young (GEWI) 3 hrs
- CHL 453 - Illustrated Texts: Picture Books, Comics, and Graphic Novels 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 (GEKH) 3 hrs
- CTAR 222 - Drama and Play in the Human Experience (GEKA) 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 advisor about the materials to be submitted and the date that they are due. All materials must be submitted at least on 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

Sustainability Minor

New Minor, effective Fall 2014

Scholarly discussions of sustainability aim to address three basic questions: sustainability of what, for what, for whom, and why? The Sustainability Minor takes an interdisciplinary approach to answering these questions. Students who participate in the Minor will think critically about different views of sustainability, and will refine their abilities to communicate effectively with regard to sustainability-related issues.

Advisor Information:

Chris Mayda, Ph.D.

Geography and Geology
205 Strong Hall
(734) 487-0218
cmayda@emich.edu

Required Core Courses: 9 Hours

- BIO 107 - Introduction to Environmental Science (GEGA) 3 hrs
  or
- ESSC 107 - Introduction to Environmental Science (GEGA) 3 hrs

- GEOG 150 - Thinking Sustainably (GEGA) 3 hrs
- PHIL 229 - Environmental Ethics (GEKH) 3 hrs

Restricted Elective Courses: 12 Hours

Select a total of 12 hours from at least two of the following groups. All students must earn at least 6 credits at the 300 level or above.

Design & Technology:

- CNST 440 - LEED for New Construction and Major Renovations 3 hrs
- IDE 221 - Environmental Systems for Interior Designers 3 hrs
- IDE 122 - Interior Design Theory II 3 hrs

Society, Planning, Justice:

- ENVI 105 - Introduction to Environment and Society (GEGA) 3 hrs
- GEOG 111 - Regions and Resources 3 hrs
  (Prerequisite: GEOG 110)
- GEOG 320 - Geography of the United States and Canada 3 hrs
  (Prerequisite: GEOG 110)
- GEOG 333 - Unsettled Geographies 3 hrs
  (Prerequisite: GEOG 110 or GEOG 115)
- GEOG 336 - Tourism and Socioeconomic Development 3 hrs
  (Prerequisite:GEOG 112 or GEOG 212)
- GHPR 335 - Historic Preservation 3 hrs
  (Prerequisite: GEOG 115)
- HIST 416 - American Environmental History 3 hrs
  (Prerequisite: HIST 123 or HIST 124 or BIO 107 or ESSC 107)
- PHIL 280 - Philosophy and the Fundamentals of Scientific Reasoning 3 hrs
- PHIL 224 - Ethics and Food (GEKH) 3 hrs
- PHIL 429W - Topics in Environmental Philosophy (GEWI) 3 hrs

Business & Economics:

- ECON 336 - Economics of Environment and Natural Resources 3 hrs
  (Prerequisite: ECON 202)
- LAW 456 - Environmental Law 3 hrs

Sciences:

- BIO 226 - Global Ecology and the Environment 4 hrs
  (Prerequisite: BIO 107/ESSC 107 and (BIO 105 or BIO 110 or BIO 106))
- CHEM 115 - Chemistry and Society (GEKN) 3 hrs
- CHEM 415 - Environmental Chemistry 3 hrs
  (Prerequisite: (CHEM 123 and CHEM 124) or (CHEM 125 and CHEM 126))
- ESSC 105 - Climate Change in Human Times (GEGA) 3 hrs

- ESSC 208 - Natural Environmental Hazards 3 hrs
  (Prerequisite: ESSC 105 or (BIO 107 or ESSC 107) or ESSC 108 or ESSC 114 or ESSC 202)
- ESSC 300 - Introduction to Hydrology 3 hrs
  (Prerequisite: ESSC 110)
- ESSC 212 - Weather, Climate and the Earth System 3 hrs
  (Prerequisite: ESSC 110)

Minor Total: 21 hours

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Other Programs

General Education

Categories in this section include:

- General Information
- Curriculum Categories
- Waiver, Placement and Substitutions
- QRChoice Category Information
- General Education Transfer Guidelines

General Information

Chris Foreman, Ph.D., Director
cforeman@emich.edu

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

General Education Core Requirements

- Effective Communication (GEEC)
- Quantitative Reasoning (GEQR)
- Knowledge of the Disciplines (GEKA, GEKH, GEKN & GEKS)

General Education Application Requirements

- Perspectives on a Diverse World (GEGA & GEUS)
- Learning Beyond the Classroom (GELB)
- Writing Intensive (GEWI)

Waiver, Placement and Substitutions

- Students may choose to complete ENGL 120 as an elective to prepare for the required ENGL 121 course. 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 CTAC 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/MATH 098 in preparation for MATH 110. However, students may take the Math Placement Test to place into MATH 110. (NOTE: MATH 097 and MATH 098 do NOT count toward the minimum 124 hours required for graduation. Students who complete MATH 097 and/or MATH 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 of 93 or higher are *waived* from the MATH 110 requirement.
- Upon a student's initial enrollment at EMU, the University Advising and Career Development Center (200 McKenny Hall, (734) 487-0400) 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 - University Advising and Career Development Center, 200 McKenny Hall, (734) 487-0400)
    - IB - Office of Records & Registration, 303 Pierce Hall, (734) 487-4111
    - 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 Effective Communication and Quantitative Reasoning whose guidelines appear above.

QRChoice Category Information

Students are placed into a Quantitative Reasoning (QR) category based upon their ACT or SAT math scores. 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 University Advising and Career Development Center (UACDC), 200 McKenny. (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.*
3. *A score of 93 or higher will earn the student a QR waiver**.*
4. *The student cannot take the CLM test more than two times. This includes times that the test is taken for initial placement purposes.*
5. A student must wait a minimum of 30 days between a first attempt and a second attempt.
6. The test must be taken within two calendar years 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.
7. 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 University Advising and Career Development Center (UACDC) 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 University Advising and Career Development Center to be used for graduation audit purposes. A study guide can be found here.

* 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

The Michigan Transfer Agreement (MTA) satisfies EMU's General Education Core Requirements.

Transfer students with an MTA endorsement on their transcript will only need to complete the General Education Application Requirements:

1. Perspectives on a Diverse World - Demonstrate the application of learning in either global awareness or U.S. Diversity by completing one course, which may be transferred in as a part of the MTA
2. Learning Beyond the Classroom- Demonstrate the application of classroom knowledge and obtain hands on experience in settings outside of the classroom
3. Writing Intensive - Demonstrate the application of written communication skills within the major

    * MTA may be completed after initial enrollment at EMU

For transfer students without the MTA endorsement, transfer courses completed before admission to EMU will be applied to General Education Core requirements if they meet the spirit of the requirement. To receive General Education 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.

For students who started at a community college prior to Fall 2014, and are currently working on a MACRAO agreement, please click here.

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 can qualify to sit for national certification examinations. In Michigan, CPA candidates can 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.

Department Information:

Accounting & Finance - College of Business

Zafar Khan, Ph.D. Department Head (I)

406 Owen Bldg
(734) 487-3320
zkhan@emich.edu

Accounting & Finance Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Major Requirements: 69 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

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 (GEWI) 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 needed to take IS 380.

- 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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) can qualify to sit for national certification examinations. In Michigan, CPA candidates can 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.

Department Information:

Accounting & Finance - College of Business

Zafar Khan, Ph.D. Department Head (I)

406 Owen Bldg
(734) 487-3320
zkhan@emich.edu

Accounting & Finance Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Major Requirements: 60 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
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Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

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 (GEWI) 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:

** 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.*

Critical Graduation Information:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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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.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Undergraduate admission is dependent on:

1. completion of 90 hours of undergraduate course work including College of Business admission criteria, 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 advisor.

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 or higher or GRE score of 306 or higher (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 on 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

Department Information:

Accounting & Finance - College of Business

Zafar Khan, Ph.D. Department Head (I)

406 Owen Bldg
(734) 487-3320
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Accounting & Finance Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

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General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Undergraduate Program Requirements: 60 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

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 Controllership (GEWI) 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 460 - Principles of Fraud Examination 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 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

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Graduate Program Requirements: 24 hours

Required Accounting Courses: 6 hours

- ACC 567 - Professional Auditing
- ACC 696 - Accounting Theory, Research and Policy

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 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 684 - Electronic Tax Preparation 3 hrs
- ACC 686 - Advanced Taxation of Corporations and Partnerships 3 hrs
- ACC 687 - Tax Compliance, Research and Policy 3 hrs
- ACC 699 - Independent Study 3 hrs

Restricted Elective Courses: 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

Notes:

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Undergraduate admission is dependent on:

1. completion of 90 hours of undergraduate course work including College of Business Admission Criteria, 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 advisor.

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 or higher or GRE score of 306 or higher (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 on 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

Department Information:

Accounting & Finance - College of Business

Zafar Khan, Ph.D. Department Head (I)

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Accounting & Finance Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

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Department Advisors:

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Professor
bwadding@emich.edu

406 Owen Bldg
(734) 487-3320

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Undergraduate Requirements: 69 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

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 Controllership (GEWI) 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 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

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Graduate Program Requirements: 24 hours

Required Accounting Courses: 9 hours

- ACC 540 - Corporate Financial Reporting
- ACC 567 - Professional Auditing
- ACC 696 - Accounting Theory, Research and Policy

Restricted Elective Accounting Courses: 9 hours

- ACC 510 - Contemporary Accounting Information Systems
- ACC 511 - Accounting for E-Commerce

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 684 - Electronic Tax Preparation 3 hrs
- ACC 686 - Advanced Taxation of Corporations and Partnerships 3 hrs
- ACC 687 - Tax Compliance, Research and Policy 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

Notes:

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Accounting & Finance - College of Business

Zafar Khan, Ph.D. Department Head (I)

406 Owen Bldg
(734) 487-3320
zkhan@emich.edu

Accounting & Finance Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Major Requirements: 60 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

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 (GEWI) 3 hrs

Restricted Elective Courses: 12 hours

Twelve hours from the following:

- ACC 358 - Analysis of Financial Statements 3 hrs
- ECON 445W - Economic Fluctuations and Forecasting (GEWI) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

Accounting Minor - (For nonbusiness majors)

Department Information:

Accounting & Finance - College of Business

Zafar Khan, Ph.D. Department Head (I)

406 Owen Bldg
(734) 487-3320
zkhan@emich.edu

Accounting & Finance Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Finance Minor - (For nonbusiness majors)

Department Information:

Accounting & Finance - College of Business

Zafar Khan, Ph.D. Department Head (I)

406 Owen Bldg
(734) 487-3320
zkhan@emich.edu

Accounting & Finance Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

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 (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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: Linkts 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 (GEWI)

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
Writing Intensive:

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

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

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 (GEWI)

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
Writing Intensive:

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

Revised Program, effective Fall 2014

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.

Department Information:

Department of Computer Information Systems - College of Business

F LaVerne Higgins, Ph.D., Department Head (I)

473 Owen Bldg
(734) 487-4140
lhiggins@emich.edu

Department Office
412 Owen
734.487.2454

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Computer Information Systems Major: 66 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs

- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

CIS Core: 21 hours

- IS 247 - Introduction to Web Application Development 3 hrs
- IS 320 - Business Data Communications and Information Security 3 hrs
- IS 350 - Enterprise Resource Planning and Architecture 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
- IS 449W - IS Strategy, Management & Acquisition (GEWI) 3 hrs

Restricted Electives: 9 hours

Choose three courses from the following:

- IS 310 - Social Media for Business 3 hrs
- IS 315 - Object-Oriented Application Development 3 hrs
- IS 410 - Business Intelligence 3 hrs
- IS 415 - Business Mobile Application Development 3 hrs
- IS 427 - Business Process and Identity Management 3 hrs
- IS 437 - Introduction to Business Information Technology Audit 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

Business Information Technology Governance Minor

Department Information:

Department of Computer Information Systems - College of Business

F LaVerne Higgins, Ph.D., Department Head (I)

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College of Business Academic Services

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Click here to make an appointment

Required Courses: 15 hours

- IS 320 - Business Data Communications and Information Security 3 hrs
- IS 350 - Enterprise Resource Planning and Architecture 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.

Department Information:

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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 and Architecture 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:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. *Some majors and minors require more than the 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 30 credits from courses taken at EMU.
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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 the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached 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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University Information: Consult the online catalog at catalog.emich.edu.

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 - Information Systems for Business

This course covers concepts, tools, and problem-solving techniques in business information systems. The main topics of this course are: IT infrastructure, data communications and network, data management, electronic business, strategic information systems such as ERP, CRM, and SCM, the role of information systems in business processes, security, impact of IS on society, and business applications using Microsoft Office.

Credit Hours: 3 hrs
Major Restrictions: Computer Information Systems Major
Terms Offered: Course Rotation Schedules
Previously Listed As: IS 215 - End-User Computing; ORI 215
Last Updated: Change to Course Title, Description, and Major Restriction 12/2013, effective Summer 2014; 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 instructs students in applying Internet technologies to significantly impact business processes in supply chain management, marketing, finance, accounting, and human resources management. To this end, students build front-end web solutions using standards like HTML, CSS, JavaScript, and XHML to effectively connect business to customers, vendors and other stakeholders.

Credit Hours: 3 hrs
Prerequisite: IS 215
Class Restrictions: Sophmore and above
Terms Offered: Course Rotation Schedules
Previously Listed As: ORI 247
Last Updated: Change to Course Description, Prerequisites, and Major Restriction 12/2013, effective Summer 2014; 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 310 - Social Media for Business

The proliferation of user generated content (UGC) has resulted in the phenomenon known as social media. The success of social media deployment requires a blend of technical and organizational knowledge and skills. This course introduces students how to successfully develop and engage in social media, to measure key performances indicators of social media success and to manage social media effort, condensed into social media engagement, analytics and management.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** IS 215
Class Restrictions: Sophomore and above
Last Updated: New Course 12/2013, effective Summer 2014

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 covers topics related to both computer and systems architecture and communication networks, with an overall focus on the services and capabilities that IT infrastructure solutions enable in an organizational context. The course focuses strongly on Internet-based solutions, computer and network security, business continuity, and the role of infrastructure in regulatory compliance.

Credit Hours: 3 hrs
Prerequisite: IS 215
Class Restrictions: Junior and Senior standing
Terms Offered: Course Rotation Schedules
Previously Listed As: IS 420, ORI 420
Last Updated: Change to Course Description, Prerequisites and Class Restriction 12/2013, effective Summer 2014; 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 and Architecture

The main focus of this course is to explore the relationship between enterprise architecture, processes and enterprise systems for the organization to meet its business objectives. Students learn strategies for infrastructure management, system administration, distributed computing, middleware, system integration, vendor selection, total cost of ownership, enterprise system implementation, and technology trends.

Credit Hours: 3 hrs
Prerequisite: IS 215
Terms Offered: Course Rotation Schedules
Previously Listed As: Enterprise Resource Planning
Last Updated: Spelling error 07/2014; Updated Course Description and Title 01/2014, effective Summer 2014; 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
Major Restrictions: Computer Information Systems Major
Terms Offered: Course Rotation Schedules
Previously Listed As: ORI 410
Last Updated: Change to Prerequisites and Major Restriction 1/2014, effective Summer 2014; 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 415 - Business Mobile Application Development

The course is designed to introduce students to the continuously growing market for handheld devices, mainly smart-phones. It focuses on the principles and challenges in designing and developing business mobile applications. Some of the main topics covered include: working with and responding to user interactions, storing and fetching data from multiple sources, connecting to the Internet and processing XML data, retrieving remote data and working with web-services.

Credit Hours: 3 hrs
Prerequisite: IS 247
Class Restrictions: Junior, Senior, and Second Bacc.
Last Updated: New Course 1/2014, effective Summer 2014

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 covers a systematic methodology for analyzing a business problem or opportunity, determining what role, if any, computer-based technologies can play in addressing the business need, articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the particular information systems solution.

Credit Hours: 3 hrs
Prerequisite: IS 247
Major Restrictions: Computer Information Systems Major
Terms Offered: Course Rotation Schedules
Previously Listed As: ORI 417
Last Updated: Change to Course Description, Prerequisites, and Major Restriction 1/2014, effective Summer 2014; 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 discusses the processes, methods, techniques and tools that organizations use to manage their information systems projects. The course covers a systematic methodology for initiating, planning, executing, controlling, and closing projects. This course assumes that project management in the modern organization is a complex team-based activity, where various types of technologies are in inherent part of the project management process.

Credit Hours: 3 hrs
Prerequisite: IS 380
Class Restrictions: Sophomore standing
Major Restrictions: Computer Information Systems Major
Terms Offered: Course Rotation Schedules
Previously Listed As: ORI 425
Last Updated: Change to Course Description, Prerequisites, and Major Restriction 1/2014, effective Summer 2014; 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, programming language related to ERP, Role Management, Business-Driven Identity Management, Compliance and Auditing, Password Management, Connectivity and Services for a major ERP system (i.e. SAP or Microsoft Dynamics)

Credit Hours: 3 hrs
Prerequisite: IS 350 or Department Permission
Class Restrictions: Sophomore standing
Major Restrictions: Computer Information Systems Major
Terms Offered: Course Rotation Schedules

Last Updated: Changes to Course Description, Prerequisites, and Major Restriction 1/2014, effective Summer 2014; 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 main focus of this course is on identifying information controls, the types of controls and their impact on the organization and how to manage and audit them. The concepts and techniques used in information technology audits will be reviewed.

Credit Hours: 3 hrs
Prerequisite: IS 320 or department permission
Class Restrictions: Senior Standing
Major Restrictions: Computer Information Systems Major
Terms Offered: Course Rotation Schedules
Last Updated: Changes to Course Description, Prerequisites, and Major Restriction 1/2014, effective Summer 2014; Links 06/2012

IS 439 - Search Marketing Practicum

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
Repeatable for Credit: No**Prerequisite:** IS 239 and department permission
Class Restrictions: All Undergraduates, Second Bacc
Terms Offered: Course Rotation Schedules
Last Updated: Course Type Change 7/2014, New Course 05/2012, effective Winter 2013

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 - IS Strategy, Management & Acquisition (GEWI)

This course explores the issues and approaches in managing the information systems function in organizations and how the IS function integrates/supports/enables various types of organizational capabilities. It takes a senior management perspective in exploring the acquisition, development and implementation of plans and policies to achieve efficient and effective information systems.

Credit Hours: 3 hrs
Prerequisite: IS 417 and IS 425
Major Restrictions: Computer Information Systems Major

Notes: Departmental Permission
Terms Offered: Course Rotation Schedules
Previously Listed As: IS 449, ORI 449; Information Systems Integration
Writing Intensive:

Last Updated: Spelling Error 7/2014, Updated title, description, prerequisite, & Major Restriction 01/2014, effective Summer 2014; 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

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

Program Revised, effective Fall 2014

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.

Department Information:

Management Department - College of Business

Fraya Wagner-Marsh, Ph.D., Department Head

466 Owen Bldg
(734) 487-3240
fwagnerm@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Major Requirements: 60 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

Discipline: 24 hours

- MGMT 384 - Human Resource Management 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 480W - Management Responsibility and Ethics (GEWI) 3 hrs
- MGMT 481 - Managing the Entrepreneurial Venture 3 hrs
- MGMT 488L - Field Studies in Entrepreneurship (GELB) 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 473 - Marketing and Product Innovation 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:

** Students may select one of these courses if not previously taken to meet marketing requirement*

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Management Department - College of Business

Fraya Wagner-Marsh, Ph.D., Department Head

466 Owen Bldg
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Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
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Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

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Non-College of Business Foundation Courses: 15 Hours

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- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Major Requirements: 60 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs

- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

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 (GEWI) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Management Department - College of Business

Fraya Wagner-Marsh, Ph.D., Department Head

466 Owen Bldg
(734) 487-3240
fwagnerm@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs

- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Major Requirements: 60 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

Management Required Courses: 12 hours

- MGMT 384 - Human Resource Management 3 hrs
- MGMT 460 - Management Skills 3 hrs
- * MGMT 480W - Management Responsibility and Ethics (GEWI) 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 (GELB) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Minor

Entrepreneurship Minor (For nonbusiness majors)

Department Information:

Management Department - College of Business

Fraya Wagner-Marsh, Ph.D., Department Head

466 Owen Bldg
(734) 487-3240
fwagnerm@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

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 (GELB) 3 hrs
- FIN 352 - Financial Management for Entrepreneurs 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs
- MGMT 480W - Management Responsibility and Ethics (GEWI) 3 hrs
- MGMT 481 - Managing the Entrepreneurial Venture 3 hrs
- MGMT 488L - Field Studies in Entrepreneurship (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

General Business Minor - (For nonbusiness majors)

Department Information:

Management Department - College of Business

Fraya Wagner-Marsh, Ph.D., Department Head

466 Owen Bldg
(734) 487-3240
fwagnerm@emich.edu

Department Website

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 (not including Internships/Cooperative Education courses).

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Management Minor - (For nonbusiness majors)

Program Revised, effective Fall 2014

Department Information:

Management Department - College of Business

Fraya Wagner-Marsh, Ph.D., Department Head

466 Owen Bldg
(734) 487-3240
fwagnerm@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

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 (excluding MGMT 381, 382 , 387, 457, 487)
- ACC 130 - Accounting for Nonbusiness Majors 3 hrs
- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- IS 215 - Information Systems for Business 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 (GEWI)

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
Writing Intensive:
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 (GELB)

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
Terms Offered: Course Rotation Schedules
Previously Listed As: MGMT 488
Learning Beyond the Classroom:
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).

Department information:

Marketing Department - College of Business

Shiri Vivek, Ph.D., Department Head

469 Owen Building
(734) 487-6819
svivek@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Major Requirements: 60-66 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

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 (GEGA) 3 hrs
- IB 370 - International Business Ethics 1.5 hrs

Restricted Elective Course: 15 hours

The number of electives a students 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 (GEWI) 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

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 Controllership (GEWI) 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

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 (GEWI) 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 - IS Strategy, Management & Acquisition (GEWI) 3 hrs

Restricted Electives:

Choose one course from the following:

- IS 350 - Enterprise Resource Planning and Architecture 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 (GEWI) 3 hrs
- MGMT 481 - Managing the Entrepreneurial Venture 3 hrs
- MGMT 488L - Field Studies in Entrepreneurship (GELB) 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 (GEWI) 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 (GEWI) 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 445W - Economic Fluctuations and Forecasting (GEWI) 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 (GEWI) 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 (GEWI) 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 (GEWI) 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 444 - Direct and Interactive Marketing 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 (GEGA) 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 (GEWI) 3 hrs

Restricted Electives: (Choose four from the following)

- DOTS 346 - Industrial Climate 3 hrs
- IS 350 - Enterprise Resource Planning and Architecture 3 hrs
- LAW 350 - International Business Law 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 368W - Marketing Strategy (GEWI) 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:

*** Foreign language credits may be used to satisfy General Education requirements. Students who have learned English as a second language may have minimum requirements of French, German, Japanese or Spanish waived.*

***** 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Marketing Major

Revised Program, effective Fall 2014

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.

Department information:

Marketing Department - College of Business

Shiri Vivek, Ph.D., Department Head

469 Owen Building
(734) 487-6819
svivek@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

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Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs

- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Major Requirements: 60 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

Discipline: 24 hours

Required Courses: 15 hours

- MKTG 261 - Contemporary Selling 3 hrs
- MKTG 365 - Consumer Behavior 3 hrs
- MKTG 368W - Marketing Strategy (GEWI) 3 hrs
- MKTG 470 - Marketing Research 3 hrs
- MKTG 475 - Marketing Planning and Management 3 hrs

Concentration Courses: 9 hours

(Choose 2 or 3 from Integrated Marketing Communications Concentration or 2 for the other concentrations + 1 from the list of Restricted Electives or any three from the list of Restricted Electives except Sports Marketing Concentration)

Integrated Marketing Communications:

- MKTG 369 - Advertising 3 hrs
- MKTG 474 - Promotional Strategy 3 hrs
- MKTG 444 - Direct and Interactive Marketing 3 hrs

Sports Marketing:

must do all three

- MKTG 425 - Sports and Event Marketing 3 hrs
- MKTG 426 - Sponsorship 3 hrs
- LAW 411 - Sports Law 3 hrs

Retailing:

- MKTG 363 - Retailing 3 hrs
- MKTG 430 - Marketing of Services 3 hrs

Business to Business (B2B):

- MKTG 374 - Business to Business Marketing 3 hrs
- SCM 385 - Logistics 3 hrs

Sales:

- MKTG 361 - Advanced Professional Selling 3 hrs (Prerequsite: MKTG 261 & MKTG 360)
- MKTG 461 - Sales Management 3 hrs

Eligible Restricted Electives:

All of the following have MKTG 360 as a prerequisite, except where noted

- MKTG 361 - Advanced Professional Selling 3 hrs (MKTG 261)
- MKTG 363 - Retailing 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 426 - Sponsorship 3 hrs
- MKTG 430 - Marketing of Services 3 hrs
- MKTG 444 - Direct and Interactive Marketing 3 hrs
- MKTG 460 - International Marketing 3 hrs
- MKTG 461 - Sales Management 3 hrs (MKTG 261)
- MKTG 473 - Marketing and Product Innovation 3 hrs
- MKTG 474 - Promotional Strategy 3 hrs (MKTG 369)
- MKTG 479 - Special Topics 3 hrs
- MKTG 499 - Independent Study 3 hrs
- SCM 380 - Introduction to Supply Chain Management 3 hrs (no prerequisite)
- SCM 385 - Logistics 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Supply Chain Management Major

Department information:

Marketing Department - College of Business

Shiri Vivek, Ph.D., Department Head

469 Owen Building
(734) 487-6819
svivek@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
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Click here to make an appointment

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 Hours

Students seeking admission to any program in the College of Business must complete 56 credit hours of course work to include the courses listed below.

The foundation courses for admission to the College of Business must be completed with a minimum earned grade of C- (C required for transfer courses) in each. Students must also have an EMU GPA of at least 2.50.

College of Business Foundation Courses: 21 Hours

The following seven COB courses are to be completed prior to COB admission, and count toward the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Non-College of Business Foundation Courses: 15 Hours

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- Quantitative Reasoning (GEQR) requirement 3 hrs

Additional Coursework: 20 Hours

In addition to the courses listed above, students must complete an additional 20 credit hours of course work prior to admission to the College of Business.

Major Requirements: 63 hours

Business Core: 36 Hours

College of Business Foundation Courses: 21 Hours

The following COB courses are to be completed prior to admission, and count towards the total credit hours required for this major.

- ACC 240 - Principles of Financial Accounting 3 hrs
- ACC 241 - Principles of Managerial Accounting 3 hrs
- COB 200L - Introduction to Business (GELB) 3 hrs
- DS 265 - Business Statistics I 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- LAW 293 - Legal Environment of Business 3 hrs
- MGMT 202 - Business Communication 3 hrs

Post Admission Core Requirement: 15 Hours

- FIN 350 - Principles of Finance 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
  Note: 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.

Supply Chain Management Required Courses: 15 Hours

- IB 210 - Fundamentals of Global Business (GEGA) 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 (GEWI) 3 hrs

Restricted Electives: 12 Hours

Choose four courses from the following:

- DOTS 346 - Industrial Climate 3 hrs
- IS 350 - Enterprise Resource Planning and Architecture 3 hrs
- LAW 350 - International Business Law 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 368W - Marketing Strategy (GEWI) 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.

Critical Graduation Information:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Minor

International Business Minor

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.

This minor is only open to non-business majors.

Department information:

Marketing Department - College of Business

Shiri Vivek, Ph.D., Department Head

469 Owen Building
(734) 487-6819
svivek@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

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Required Courses: 12 hours

- COB 200L - Introduction to Business (GELB) 3 hrs
- IB 210 - Fundamentals of Global Business (GEGA) 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 (GEWI) 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 444 - Direct and Interactive Marketing 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Marketing Minor - (For nonbusiness majors)

Department information:

Marketing Department - College of Business

Shiri Vivek, Ph.D., Department Head

469 Owen Building
(734) 487-6819
svivek@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

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 361 - Advanced Professional Selling 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 365 - Consumer Behavior 3 hrs
- MKTG 368W - Marketing Strategy (GEWI) 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 426 - Sponsorship 3 hrs
- MKTG 430 - Marketing of Services 3 hrs
- MKTG 444 - Direct and Interactive Marketing 3 hrs
- MKTG 460 - International Marketing 3 hrs
- MKTG 461 - Sales Management 3 hrs
- MKTG 470 - Marketing Research 3 hrs
- MKTG 473 - Marketing and Product Innovation 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Supply Chain Management Minor

Department information:

Marketing Department - College of Business

Shiri Vivek, Ph.D., Department Head

469 Owen Building
(734) 487-6819
svivek@emich.edu

Department Website

Advisor Information:

College of Business Academic Services

Undergraduate Academic Advising

306 Owen
(734) 487-2344
cob.undergraduate@emich.edu

Click here to make an appointment

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 (GEGA) 3 hrs
- IS 350 - Enterprise Resource Planning and Architecture 3 hrs
- LAW 350 - International Business Law 3 hrs
- MKTG 363 - Retailing 3 hrs
- MKTG 368W - Marketing Strategy (GEWI) 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 (GEWI) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

International Business

IB 210 - Fundamentals of Global Business (GEGA)

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
Perspectives on a Diverse World:
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 361 - Advanced Professional Selling

This course is intended to help student add depth to their skill sets and increase their marketability. It covers topics such as customer relationship building, negotiation techniques, financial value analysis, account management, and team selling. Teaching methods such as case studies, role-plays, group exercises, and guest speakers will be used.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** MKTG 261 and MKTG 360
Class Restrictions: Junior, Senior, Second Bacc., and Teacher Cert.
Notes: Department Permission
Last Updated: New Course 2/2014, effective Fall 2014

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 (GEWI)

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
Writing Intensive:

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
Notes: Academic Service Learning Course (Winter 2015, CRN: 20715).
Terms Offered: Course Rotation Schedules
Last Updated: Course Note 12/2014; 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 and 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 (GEWI)

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
Writing Intensive:
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

Minor

Interdisciplinary Leadership Minor

New Program, effective Winter 2014

The Interdisciplinary LEADership Minor promotes college student leadership development by educating undergraduate students for and about leadership in a complex world. The goal of this minor is to prepare students to serve effectively in formal and informal leadership roles on campus, and in local, national and global contexts. Faculty & students in the minor are dedicated to advancing the field of leadership studies by building upon and critically evaluating existing theoretical, research-based, and practical knowledge. Core courses in the minor are sequenced to meet an increasingly complex set of learning outcomes across cognitive, personal development, and group/organizational domains. Students in the minor are exposed to diverse theories and perspectives on leadership that will compliment their academic interests for career and personal/public enrichment.

emich.edu/coe/lc/lead/

Department Information:

Leadership & Counseling Department - College of Education

Jaclynn Tracy, Ph.D., **Department Head**

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Department Website

Advisor Information:

Elizabeth Broughton, Ed.D.
Interdisciplinary LEADership Minor Program Coordinator
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Leadership Core: 9 Hours

- LEAD 201 - Introduction to Leadership 3 hrs
- LEAD 301 - Emerging as a Culturally Competent Leader 3 hrs
- LEAD 401 - Inventing A Leadership Life 3 hrs

Global Context/Cultural Competency: 3 Hours

Choose one course from the following:

- CTAC 274 - Intercultural Communication (GEGA) 3 hrs
- CTAC 275 - Interracial/Interethnic Communication (GEUS) 3 hrs
- PLSC 390 - Poverty, Human Rights and Health (GEGA) 3 hrs
- PLSC 391 - Field Study: Global Experience - Poverty, Human Rights and Health 3 hrs
- PLSC 211 - Introduction to Comparative Government (GEGA) 3 hrs
- SWRK 200 - Human Diversity and Social Justice 3 hrs

Ethical Leadership: 3 Hours

Choose one course from the following:

- CTAC 340 - Communication Ethics 3 hrs
- MGMT 480W - Management Responsibility and Ethics (GEWI) 3 hrs
- PHIL 220 - Ethics (GEKH) 3 hrs
- PHIL 221 - Business Ethics (GEKH) 3 hrs
- PHIL 223 - Medical Ethics (GEKH) 3 hrs
- PHIL 228 - Global Ethics (GEGA & GEKH) 3 hrs

Communication: 3 Hours

Choose one course from the following:

- COUN 450 - An Introduction: Counseling Concepts and Skills 3 hrs
- CTAC 226 - Nonverbal Communication (GEKS) 3 hrs
- CTAC 340 - Communication Ethics 3 hrs
- CTAC 354 - Organizational Communication 3 hrs
- CTAC 376 - Communication and Conflict Resolution 3 hrs
- CTAC 359 - Small Group Communication 3 hrs

Experiential Electives: 6 Hours

- LEAD 374 - Applied Leadership Experience 2 hrs
- LEAD 375 - Applied Leadership Experience 3 hrs
- LEAD 376 - Applied Leadership Experience 4 hrs
- MGMT 450 - Leadership Theories and Practice 3 hrs
- PLSC 435 - Nonprofit Management and Leadership 3 hrs
- RECR 260 - Recreation Leadership 3 hrs

Minor Total: 24 Hours

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Counseling

COUN 100L - Career Exploration and Decision-Making (GELB)

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
Learning Beyond the Classroom:

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

Leadership

LEAD 201 - Introduction to Leadership

This course serves as an introduction to the study of leadership, including theoretical, philosophical, and conceptual Foundations. Students will discover traits and practices necessary to expand and develop personal leadership plans. With an emphasis on reflection, writing and experiential learning, the course will engage a variety of learning styles and activities to introduce the vast discipline of leadership. Students will be exposed to opportunities and services on campus necessary for support in the pursuits of academic, personal, and social goals at Eastern Michigan University. This course will expand the range of the student's leadership skills/styles across campus units, thereby linking theory to practice. The course is designed and required for all personas interest in pursuing a leadership minor and must be taken prior to LEAD 301 - Emerging as a Culturally Competent Leader and LEAD 401 - Inventing A Leadership Life.

Credit Hours: 3 hrs
Last Updated: New Course 11/2013, effective Winter 2014

LEAD 301 - Emerging as a Culturally Competent Leader

This course serves to compliment the theoretical, philosophical, and conceptual foundations of leadership, and the application of styles approaches to leadership related to humanities, natural sciences, behavioral science, education, business, human services, and social curricula. The leaders of today and tomorrow need to understand the dynamics of cross-cultural interactions so they

may effectively guide their organizations in an ethical way. This course provides an introduction to leadership geared across cultures with an emphasis on social justice. Specifically, it focuses understanding yourself and the culture from which you come and how these affect your understanding of other cultures as you attempt to make your community a better place. The ability to see challenges from multiple perspectives is one of the hallmarks of a liberal arts curriculum that prioritizes the development of critical thinking skills. This course challenges each student to broaden and deepen one's ability to use different filters to understand human behavior and apply leadership to all facets of life.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** LEAD 201
Last Updated: New Course 11/2013, effective Winter 2014

LEAD 373 - Applied Leadership Experience

This Applied Leadership Experience (ALE) course is intended to provide a way for students to apply their formal education to a "real world" work/immersion experience. Through this course, students will have the opportunity to develop skills in many areas including: (1) Academic - integrate classroom leadership theories with practice and clarify academic goals; (2) Professional - understand workplace culture, gain workplace competencies, benefit from professional networking, and enjoy increased access to post-graduation employment opportunities; (3) Personal- determine strengths and weakness of personal leadership abilities and skills, enhance interpersonal, intrapersonal, and communication skills. This course challenges each student to broaden and deepen one's ability to analyze the needs of an organization and apply leadership to make organizational changes and improvements

Credit Hours: 1 hr
Prerequisite: LEAD 201
Concurrent Prerequisite: LEAD 301
Major Restrictions: Interdisciplinary Leadership Minor
Last Updated: New course 08/2014, effective Fall 2014

LEAD 374 - Applied Leadership Experience

This Applied Leadership Experience (ALE) course is intended to provide a way for students to apply their formal education to a "real world" work/immersion experience. Through this course, students will have the opportunity to develop skills in many areas including: (1) Academic - integrate classroom leadership theories with practice and clarify academic goals; (2) Professional - understand workplace culture, gain workplace competencies, benefit from professional networking, and enjoy increased access to post-graduation employment opportunities; (3) Personal- determine strengths and weakness of personal leadership abilities and skills, enhance interpersonal, intrapersonal, and communication skills. This course challenges each student to broaden and deepen one's ability to analyze the needs of an organization and apply leadership to make organizational changes and improvements

Credit Hours: 2 hrs
Prerequisite: LEAD 201
Concurrent Prerequisite: LEAD 301
Major Restrictions: Course restricted to Interdisciplinary Leadership Minor
Last Updated: New Course 11/2013, effective Winter 2014

LEAD 375 - Applied Leadership Experience

This Applied Leadership Experience (ALE) course is intended to provide a way for students to apply their formal education to a "real world" work/immersion experience. Through this course, students will have the opportunity to develop skills in many areas including: (1) Academic - integrate classroom leadership theories with practice and clarify academic goals; (2) Professional - understand workplace culture, gain workplace competencies, benefit from professional networking, and enjoy increased access to post-graduation employment opportunities; (3) Personal- determine strengths and weakness of personal leadership abilities and skills, enhance interpersonal, intrapersonal, and communication skills. This course challenges each student to broaden and deepen one's ability to analyze the needs of an organization and apply leadership to make organizational changes and improvements

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** LEAD 201
Concurrent Prerequisite: LEAD 301
Major Restrictions: Course restricted to Interdisciplinary Leadership Minor
Last Updated: New Course 11/2013, effective Winter 2014

LEAD 376 - Applied Leadership Experience

This Applied Leadership Experience (ALE) course is intended to provide a way for students to apply their formal education to a "real world" work/immersion experience. Through this course, students will have the opportunity to develop skills in many areas including: (1) Academic - integrate classroom leadership theories with practice and clarify academic goals; (2) Professional - understand workplace culture, gain workplace competencies, benefit from professional networking, and enjoy increased access to post-graduation employment opportunities; (3) Personal- determine strengths and weakness of personal leadership abilities and skills, enhance interpersonal, intrapersonal, and communication skills. This course challenges each student to broaden and deepen one's ability to analyze the needs of an organization and apply leadership to make organizational changes and improvements

Credit Hours: 4 hrs
Repeatable for Credit: No**Prerequisite:** LEAD 201
Concurrent Prerequisite: LEAD 301
Last Updated: New Course 11/2013, effective Winter 2014

LEAD 401 - Inventing A Leadership Life

This course serves as a capstone study of leadership, designed to provide opportunities for application and extension of theories concepts and strategies introduced across the core and restricted electives of the minor. During this course, students will work with traits and practices they have identified as a part of their emerging leadership plan. Building upon foundational, philosophical, operational, and theoretical concepts of leadership, as they apply their understanding to refine and implement a personal leadership plan through an Academic Service Learning project in the broader community. In addition, they will analyze leaders within their area of disciplinary focus to further develop their operational knowledge of leadership skills and strategies.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** LEAD 201 and LEAD 301
Last Updated: New Course 11/2013, effective Winter 2014

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 advisor 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 MTTC "Elementary Education" certification test, #103.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

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Department Website

Advisor Information:

(Advisors are assigned alphabetically by the student's last name)

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General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.

6. 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 (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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

Policy Change

Students combining the Liberal Arts in Elementary Education with Special Education Major who take and pass the elementary certification test but are not immediately successful in taking their disability specific test are still eligible for recommendation for the elementary certification.

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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs

- ✧ ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GEWI) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 advisor 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.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
jfisher3@emich.edu

Department Website

Advisor Information:

(Advisors are assigned alphabetically by the student's last name)

A-C: Jacquelyn McGinnis

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P-S: Tsai-Ping (Alicia) Li

128M Porter Bldg.
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126 Porter Bldg.
(734) 487-3300
aorr@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.

6. 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 (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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 MTTC "Elementary Education" certification test, #103.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
jfisher3@emich.edu

Department Website

Advisor Information:

Jennifer Desiderio

125 Porter Bldg.

(734) 487-3300
jdesider@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.

5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

K-12 Special Education Core: 23 hours

*These courses require formal admission to the Initial Teacher Preparation Program.

- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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

Policy Change

Students combining the Liberal Arts in Elementary Education with Special Education Major who take and pass the elementary certification test but are not immediately successful in taking their disability specific test are still eligible for recommendation for the elementary certification.

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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs

- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GEWI) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
jfisher3@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

K-12 Special Education Core: 23 hours

*These courses require formal admission to the Initial Teacher Preparation Program.

- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Advisor Information:

Jennifer Desiderio

125 Porter Bldg.
(734) 487-3300
jdesider@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 MTTC "Elementary Education" certification test, #103.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
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Department Website

Advisor Information:

Jacquelyn McGinnis

128E Porter Bldg.
(734) 487-3300
jmcginnis@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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

Policy Change

Students combining the Liberal Arts in Elementary Education with Special Education Major who take and pass the elementary certification test but are not immediately successful in taking their disability specific test are still eligible for recommendation for the elementary certification.

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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GEWI) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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 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 advisor 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.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

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Department Website

Advisor Information:

Jacquelyn McGinnis

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General Education Requirements:

For specific requirements refer to the General Education Program.

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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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 is #057, "Speech and Language Impairment. Students selecting Elementary Certification must complete a second major in Liberal Arts for Elementary Education. In addition, those selecting Elementary Certification must pass the MTTC "Elementary Education" certification test, #103. Students are required to regularly meet with their program area faculty advisor 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 advisors in speech pathology.

Note: *Students must have and maintain a 3.0 GPA in order to be admitted into and take SPSI courses.*

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
jfisher3@emich.edu

Department Website

Advisor Information:

(See department for advisor information)

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 3 hrs
- SPGN 323W - Writing for Professionals in Special Education (GEWI) 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 347 - Normal Aging and Health Issues in Speech-Language Pathology 3 hrs

Policy Change

Students combining the Liberal Arts in Elementary Education with Special Education Major who take and pass the elementary certification test but are not immediately successful in taking their disability specific test are still eligible for recommendation for the elementary certification.

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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GEWI) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Special Education Major K-12 Speech/Language Pathology Endorsement - Secondary

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. 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 advisor 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 prepares individuals to meet the requirements in speech pathology only. Specific requirements may be obtained from the advisors in speech pathology.

Note:

Students must have a 3.0 GPA in order to be admitted into SPSI courses.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
jfisher3@emich.edu

Department Website

Advisor Information:

(See department for advisor information)

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.

6. 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 (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 3 hrs
- SPGN 323W - Writing for Professionals in Special Education (GEWI) 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 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 MTTC "Elementary Education" certification test, #103.

Students are required to regularly meet with their program area faculty advisor to expedite their program of study.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
jfisher3@emich.edu

Department Website

Advisor Information:

Tsai-Ping (Alicia) Li

128M Porter Bldg.
(734) 487-3300
tli@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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

Policy Change

Students combining the Liberal Arts in Elementary Education with Special Education Major who take and pass the elementary certification test but are not immediately successful in taking their disability specific test are still eligible for recommendation for the elementary certification.

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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ✧ ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 3 hrs
- MATH 108 - Problem Solving and Number Concepts for Elementary School Teachers 3 hrs
- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GEWI) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 advisor 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.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
jfisher3@emich.edu

Department Website

Advisor Information:

Tsai-Ping (Alicia) Li

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(734) 487-3300
tli@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.

3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.

5. 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.
6. 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 (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GEWI) 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 (GELB) 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 advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 advisors in speech pathology.

Note: *Students must have and maintain a 3.0 GPA in order to be admitted into and take SPSI courses.*

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
jfisher3@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

K-12 Special Education Core: 15 hours

- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 3 hrs
- SPGN 323W - Writing for Professionals in Special Education (GEWI) 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 347 - Normal Aging and Health Issues in Speech-Language Pathology 3 hrs

Elective Courses: 17 hours

Select courses with advisor approval.

Minor Requirements:

This program requires a minor. Please contact your program advisor 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Advisor Information:

(See department for advisor information)

Certificate

Undergraduate Certificate in Classroom and Behavior Management Studies

New Certificate, effective Fall 2014

Goals and Objectives

1. To provide the opportunity for general education teachers to enhance their expertise in student and classroom behavior management and to increase teach candidate marketability with the documentation of a certificate.
2. To increase and improve the application of validated behavior management skills among educational professionals.

Department Information:

Special Education Department - College of Education

Janet Fisher, Ph.D., Department Head

128 Porter Bldg
(734) 487-2716
jfisher3@emich.edu

Department Website

Advisor Information:

Department of Special Education

128 Porter Bldg.
(734) 487-3300

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria:

In order to be admitted to this Undergraduate Certificate in Classroom and Behavior Management, you have to meet the following conditions. One, you must be either pursuing an undergraduate degree at EMU as part of the Initial Teacher Preperation Progrom (Special Education Majors are not eligible) or you can apply as a baccalaureate degree holder. You must have a cumulative GPA of 2.5, have completed a Certificate Program Application, and have completed the following courses.

- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
  Please be aware that 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.
  or
- EDPS 322 - Human Development and Learning 4 hrs
  or
- EDPS 325 - Life Span Human Growth and Development 4 hrs

- SPGN 251 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 3 hrs

Required Courses: 17 hours

- SPEI 301 - Children and Adolescents with Emotional Impairment 4 hrs
- SPEI 401L - Programming, Methods and Curriculum for Elementary Students with Emotion Impairment (GELB) 4 hrs
- SPEI 449 - Beyond Behavior 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

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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 (GELB)

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
Notes: Academic Service Learning Course (Winter 2015, CRN: 24518).
Last Updated: Course Note 12/2014; 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 models and theories that explain the etiology of youth emotional-behavioral impairments. Diagnostic categories and related evidence-based interventions for inclusive and other educational settings will be explored. The role of parents, guardians, educators, and other ancillary professionals will be defined and discussed.

Credit Hours: 4 hrs

Prerequisite: SPGN 251
Concurrent Prerequisite: SPEI 240
Major Restrictions: Emotional Impairment Majors only
Last Updated: Description and Prerequisite Change 2/2013, effective Summer 2013; 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 (GELB)

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 and Department Permission
Class Restrictions: Junior standing
Last Updated: Change to Prerequisites 10/2013, effective Winter 2014; 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 (To Be Deleted)

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: to be deleted 5/2013, effective Winter 2014; 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: 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: prequisite change, 5/2013 effective Winter 2014; 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS)

An introductory survey course providing the historical, philosophical and organizational factors leading to the enactment of federal and state laws, rules, and regulations governing person with disabilities, including those in special education. Characteristics, educational and functional considerations, and implication of all areas of exceptionalities are addressed.

Credit Hours: 3 hrs

Previously Listed As: Education of Students with Exceptionalities
Perspectives on a Diverse World:
This course introduces students to issues of diversity in American society, workplace, schools, and community through an examination of the historical and contemporary lived experiences of persons with disabilities in the United States. As such, it fulfills the U.S. Diversity requirement of the General Education Curriculum. The course explores how persons with disabilities have been denied the guarantees of liberty and equal protection of the laws provided for in the U.S. Constitution and traces the disabilities rights movement as its participants challenged unjust laws and fought social intolerance, prejudice, and stereotypes in order to participate more fully in the social, political, and economic life of the nation. Given that almost one-fifth of people in the United States have disability, students will likely interact with, or may become a member of, this important subgroup of American citizens. Through this course, students will acquire an understanding of the cultural complexity of disability in American society. The accumulation of readings, discussions, and activities will prepare students to apply concepts and practices of inclusion belonging, and institutional transformation in their future workplace and social experiences.
Last Updated: Gen Edu Approval 5/2013, effective Winter 2014; title and description change 2/2013, effective Summer 2013

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 (GEWI)

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
Writing Intensive:

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

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
Repeatable for Credit: No**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

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
Repeatable for Credit: No**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 and Department Permission
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Prerequisite change 10/2013, effective Winter 2014; 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
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
Last Updated: co-requisite removed 5/2014, effective Fall 2014; 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
Class Restrictions: Junior standing or higher
Last Updated: Co-requisite removed 5/2014, effective Fall 2014; 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
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
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 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
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 recommendation for endorsement in early childhood, certification code ZS. The Michigan Test for Teacher Certification (MTTC) for this field are #106, "Early Childhood Education," and Elementary Certification Test , #103, 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 advisor.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

313 Porter Bldg
(734) 487-3260
mkinneys@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 42 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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs

- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 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 (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GELB) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 4 hrs
- EDUC 498 - Student Teaching (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 is Elementary Certification test #103. The endorsement test for Integrated Science (Elementary) is MTTC#093.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

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Department Website

General Education Requirements:

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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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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 42 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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 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 (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GEKN) 3 hrs
- BIO 105 - Introductory Biology for Non-majors (GEKN) 4 hrs
- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CHEM 101 - Chemistry for Elementary Teachers (GEKN) 3 hrs
- CHEM 312 - Teaching Elementary Chemistry 3 hrs
- ESSC 202 - Earth Science for Elementary Teachers (GEKN) 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 (GEKN) 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 (GEKN) 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 (GEGA) 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 (GEKN) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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:

** These courses are listed as co-requisites.*

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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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.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that one major or minor.
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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 is Elementary Certification test #103. The endorsement test for Language Arts is MTTC #090.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

313 Porter Bldg
(734) 487-3260
mkinneys@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

Initial Teacher Preparation Program Admission

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Criteria:

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2. Appropriate cumulative GPA. One of:
    1. An overall EMU GPA of 2.5 or higher based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 42 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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 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 (GEQR) 3 hrs

- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GEKH) 3 hrs
- CHL 208 - Multicultural Children's Literature (GEUS) 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 (GEKA) 3 hrs
- CTAR 323 - Improvising and Role-Play 3 hrs

Two courses from the following:

- CHL 209 - Global Children's Literature (GEGA) 3 hrs
- CHL 351 - World Mythology 3 hrs
- CHL 352 - Folk Literature: Ballads and Folk Tales 3 hrs
- CHL 353 - Genders and Sexualities in Literature for Young Readers 3 hrs
- CHL 450W - Children's Literature: Criticism and Response (GEWI) 3 hrs
- CHL 451W - Writing about Controversy in Literature for the Young (GEWI) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 is Elementary Certification test #103.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

313 Porter Bldg
(734) 487-3260
mkinneys@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 42 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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs

- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 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 (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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:

- 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits 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 reached 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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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 is Elementary Certification test #103. Them endorsement test for Reading (Elementary) is MTTC #005.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

313 Porter Bldg
(734) 487-3260
mkinneys@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.

    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 42 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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
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- ✧ MATH 110E - Mathematical Reasoning: Applications for Elementary School Teachers (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 is Elementary Certification test #103. The endorsement test for Social Studies-Elementary is MTTC #105.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

313 Porter Bldg
(734) 487-3260
mkinneys@emich.edu

Department Website

General Education Requirements:

For specific requirements refer to the General Education Program.

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Liberal Arts Major Requirements: 42 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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 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 (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 (GEKS) 3 hrs
- GEOG 110 - World Regions (GEGA) 3 hrs
- GEOG 320 - Geography of the United States and Canada 3 hrs
- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- HIST 109 - World History to 1500 (GEKH) 3 hrs
- HIST 110 - World History since 1500 (GEGA) 3 hrs
- HIST 124 - The United States, 1877 to the Present (GEKS) 3 hrs
- HIST 308 - Integrated Elementary Social Studies Methods 3 hrs
- PLSC 112 - American Government (GEKS) 3 hrs
- PLSC 305 - Law and Policy in a Constitutional Democracy 3 hrs

One course from the following:

- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs
- SOCL 105 - Introductory Sociology (GEKS) 3 hrs

One course from the following:

- ECON 100 - Introduction to Economic Problems and Policies (GEKS) 3 hrs

- ECON 200 - The American Economy 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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:

** These courses are listed as corequisites.*

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
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General Education Requirements:

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Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 is Elementary Certification test #103. The endorsement test for Integrated Science (Elementary) is MTTC #093.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

313 Porter Bldg
(734) 487-3260
mkinneys@emich.edu

Department Website

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.

2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.

4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

Required Courses: 15 hours

- ASTR 105 - Exploration of the Universe (GEKN) 3 hrs
- BIOT 303 - Life Science for Elementary Teachers 3 hrs
- CHEM 101 - Chemistry for Elementary Teachers (GEKN) 3 hrs
- * ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs

Three courses from the following: 9-10 hours

- BIO 105 - Introductory Biology for Non-majors (GEKN) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits 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 reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Elementary Education Language Arts Group Minor

Revised Program, effective Fall 2014

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 is Elementary test #103. The endorsement test for Language Arts is MTTC #090.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

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Department Website

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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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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major

is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEKH) 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 (GEUS) 3 hrs
- CHL 209 - Global Children's Literature (GEGA) 3 hrs

One course from the following:

- CTAR 222 - Drama and Play in the Human Experience (GEKA) 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.

Minoring in Language Arts & Reading

Students may elect to minor in both the Elementary Education Language Arts Group Minor and the Elementary Education Reading Minor. Students who choose to minor in both programs are required to complete the following requirements:

Reading Minor: 21 Hours

- RDNG 230 - Word Study in the Reading Program 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 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 400 - Program Development for Struggling Readers 3 hrs (substituted for RDNG 300)
- RDNG 410 - Literacy in and Beyond the Classroom 3 hrs (substituted for RDNG 220)
- RDNG 420 - Middle School Literacy and the Early Adolescent Reader 3 hrs (substituted for RDNG 350)

Language Arts Group Minor: 24 Hours

Required Courses: 18 Hours

- CHL 207 - Introduction to Children's Literature (GEKH) 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 (GEUS) 3 hrs
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- CTAR 222 - Drama and Play in the Human Experience (GEKA) 3 hrs
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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Elementary Education Reading Minor

Revised Program, effective Fall 2014

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 is Elementary Certification test #103. The endorsement test for Reading (Elementary) is MTTC #005.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

313 Porter Bldg
(734) 487-3260
mkinneys@emich.edu

Department Website

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.

Minoring in Language Arts & Reading

Students may elect to minor in both the Elementary Education Language Arts Group Minor and the Elementary Education Reading Minor. Students who choose to minor in both programs are required to complete the following requirements:

Reading Minor: 21 Hours

- RDNG 230 - Word Study in the Reading Program 3 hrs
- RDNG 240 - Reading and Writing Connections in the Elementary Grades 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 400 - Program Development for Struggling Readers 3 hrs (substituted for RDNG 300)
- RDNG 410 - Literacy in and Beyond the Classroom 3 hrs (substituted for RDNG 220)
- RDNG 420 - Middle School Literacy and the Early Adolescent Reader 3 hrs (substituted for RDNG 350)

Language Arts Group Minor: 24 Hours

Required Courses: 18 Hours

- CHL 207 - Introduction to Children's Literature (GEKH) 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 (GEUS) 3 hrs
- CHL 209 - Global Children's Literature (GEGA) 3 hrs

One course from the following:

- CTAR 222 - Drama and Play in the Human Experience (GEKA) 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

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 meeting Michigan Department of Education requirements.

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.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

313 Porter Bldg
(734) 487-3260
mkinneys@emich.edu

Department Website

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 is Elementary Certification test #103.

Liberal Arts Major Requirements: 42 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 (GEKA) 3 hrs
- CHL 207 - Introduction to Children's Literature (GEKH) 3 hrs
- ✧ CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- ✧ ESSC 202 - Earth Science for Elementary Teachers (GEKN) 3 hrs
- ✧ GEOG 110 - World Regions (GEGA) 3 hrs
- ✧ HIST 123 - The United States to 1877 (GEKS) 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 (GEQR) 3 hrs
- ✧ MUSC 220 - Music for the Elementary Teacher (GEKA) 3 hrs
- ✧ PHY 100 - Physics for Elementary Teachers (GEKN) 3 hrs
- ✧ PLSC 112 - American Government (GEKS) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 meeting Michigan Department of Education requirements.

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.

Department Information:

Teacher Education Department - College of Education

Martha Kinney-Sedgwick, Ph.D., Department Head

313 Porter Bldg
(734) 487-3260
mkinneys@emich.edu

Department Website

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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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

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 302, 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
Class Restrictions: All Undergraduates
Last Updated: Class Restriction Removed 5/2013, effective Fall 2013

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

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 302, 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
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 250 - EcoJustice Education : An Introduction

An introduction to EcoJustice Education, the study of the cultural roots of ecological and social crises with particular focus on what educators (P-12, community and university educators) can do to revitalize communities and stem the tide of ecological degradation and world-wide insecurities.

Credit Hours: 3 hrs
Repeatable for Credit: No
Class Restrictions: All Undergraduates, Second Bac., and Post-Bac.
Last Updated: New Course 01/2014, effective Summer 2014

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 (GEWI)

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
Writing Intensive:

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

Special Education

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: Course Type Change 7/2014, Links 03/2011

Student Teaching

EDUC 489 - Student Teaching (GELB)

Credit Hours: 12 hrs
Learning Beyond the Classroom:

Last Updated: 4/27/2011; effective Spring 2011

EDUC 490 - Student Teaching (GELB)

Credit Hours: 8 hrs
Learning Beyond the Classroom:

Last Updated: Gen Edu Logo & Banner code added 3/2014

EDUC 491 - Student Teaching (GELB)

Credit Hours: 9 hrs
Learning Beyond the Classroom:

Last Updated: Gen Edu logo & Banner code added 3/2014

EDUC 492 - Student Teaching (GELB)

Credit Hours: 9 hrs
Learning Beyond the Classroom:

Last Updated: Gen Edu logo & Banner code added 3/2014

EDUC 493 - Student Teaching (GELB)

For experienced, certified teachers.

Credit Hours: 2 hrs
Prerequisite: permission from College of Education Office of Academic Services
Learning Beyond the Classroom:

Last Updated: Gen edu logo & Banner code added 3/2014

EDUC 494 - Student Teaching (GELB)

For experienced, certified teachers.

Credit Hours: 3 hrs
Prerequisite: permission from College of Education Office of Academic Services
Learning Beyond the Classroom:

Last Updated: Gen Edu logo & Banner Code added 3/2014

EDUC 495 - Student Teaching (GELB)

Credit Hours: 4 hrs
Prerequisite: permission from College of Education Office of Academic Services
Learning Beyond the Classroom:

Last Updated: Gen Edu logo & Banner Code added 3/2014

EDUC 496 - Student Teaching (GELB)

Credit Hours: 6 hrs
Learning Beyond the Classroom:

Last Updated: Gen Edu logo & Banner Code added 3/2014

EDUC 497 - Student Teaching (GELB)

Credit Hours: 6 hrs
Prerequisite: credit toward certification in either EDUC 496 or EDUC 499
Learning Beyond the Classroom:

Last Updated: Links 04/2011

EDUC 498 - Student Teaching (GELB)

Credit Hours: 5 hrs
Prerequisite: credit toward certification in either EDUC 496 or EDUC 499
Learning Beyond the Classroom:

Last Updated: Gen Edu logo & Banner Code added 3/2014; Links 04/2011

EDUC 499 - Student Teaching (GELB)

Credit Hours: 4 hrs
Learning Beyond the Classroom:

Last Updated: Gen Edu logo & Banner Code added 3/2014

Military Science and Leadership Programs

Military Science and Leadership

Minor

Military Science and Leadership Minor

Department Information:

Military Science and Leadership Department - College of Technology

Robert "Chuck" Baker, LTC., Department Head

18 Roosevelt Hall
(734) 487-1020
rbaker21@emich.edu

Department Website

Advisor Information:

Philip Parrish

Military Science and Leadership
18 Roosevelt Hall
(734) 487-4659
pparris1@emich.edu

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 (GELB) 2 hrs
- MSL 102 - Basic Leadership (GELB) 2 hrs
- MSL 201 - Individual Leadership Studies (GELB) 2 hrs
- MSL 202 - Leadership and Teamwork (GELB) 2 hrs
- MSL 301 - Leadership and Problem Solving (GELB) 3 hrs
- MSL 302 - Leadership and Ethics (GELB) 3 hrs
- MSL 401 - Adaptive Leadership (GELB) 3 hrs
- MSL 402 - Leadership in a Complex World (GELB) 3 hrs

Minor Total: 20 hours

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

School of Engineering Technology Programs and Courses

School of Engineering Technology

Major

Applied Technology Major

Program Revised, Effective Fall 2013

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 the Applied Technology program and many community colleges, including, but not limited to the following:

Applied Technology - Oakland Community College Articulation Guide

To see a complete list of current colleges with program articulation agreements with EMU, please click here.

School Information:

School of Engineering Technology - College of Technology

Bob Lahidji, Ph.D., School Director

118 Sill Hall
(734) 487-2040
bob.lahidji@emich.edu

School Website

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 (GEKN) 3 hrs

- CHEM 118 - Fundamentals of Chemistry Laboratory (GEKN) 1 hr
- ELEC 200 - Circuit Analysis I 3 hrs
- MATH 105 - College Algebra (GEQR) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs
- SET 350W - Engineering Communication (GEWI) 3 hrs

Restricted Elective Courses: 6 hours

Select six hours of restricted electives in consultation with an advisor.

Restricted Elective Courses: 15 hours

Select 15 hours at the 300- and 400-level in consultation with an advisor.

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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).

- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 Information:

School of Engineering Technology - College of Technology

Bob Lahidji, Ph.D., School Director

118 Sill Hall
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bob.lahidji@emich.edu

School Website

Advisor Information:

Jonathon Lin, Ph.D.

118 Sill Hall
(734) 487-2040
jonathon.lin@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 83-89 hours

Required Courses: 65 hours

- CET 151 - Introduction to Computing in Engineering Technology 3 hrs
- CET 215 - Computer Hardware and Software 3 hrs
- CET 273 - Unmanned Vehicle Systems 3 hrs
- CET 353 - Web Development for Engineering Applications 3 hrs
- CET 364 - Computer Embedded Systems 3 hrs
- CET 427 - Programmable Logic Controller 3 hrs
- CET 491 - Senior Design Capstone 3 hrs
- COSC 111 - Introduction to Programming 3 hrs
- 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 320 - Microcomputer Circuits 3 hrs
- ELEC 420 - Advanced Microprocessors 3 hrs
- ET 100 - Introduction to Engineering Technology 3 hrs
- IA 210 - Concepts of Network and Business Technology 3 hrs
- PDD 122 - Engineering Graphics 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 222 - Electricity and Light 4 hrs
- PHY 224 - Electricity and Light 5 hrs

Restricted Electives: 16-18 hours

Select six courses from the following courses upon the advisor's approval

- CET 374 - Sensors, Control, and Data Acquisition 3 hrs
- CET 375 - Robotics Engineering 3 hrs
- CET 384 - Computer Interfacing Programming 3 hrs
- CET 385 - Data and Computer Communications 3 hrs
- CET 435 - VHDL & FPGA Design 3 hrs
- CET 451 - Engineering Database Development 3 hrs
- CET 453 - Engineering Programming 3 hrs
- CET 449 - Cloud Computing 3 hrs
- IA 103 - Information Security Overview 3 hrs
- IA 212 - Open Systems Platform and Network Administration 3 hrs
- IA 344 - Administration of Computer Systems 3 hrs
- IA 430 - Network Forensics 3 hrs

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 Information:

School of Engineering Technology - College of Technology

Bob Lahidji, Ph.D., School Director

118 Sill Hall
(734) 487-2040
bob.lahidji@emich.edu

School Website

Advisor Information:

Jamal Bari, Ph.D.

118 Sill Hall
(734) 487-2040
jamal.bari@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 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 (GEKN) 4 hrs
- PHY 223 - Mechanics and Sound (GEKN) 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 (GEQR) 4 hrs
- MATH 140 - Applied Trigonometry and Calculus I for Technology (GEQR) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Mechanical Engineering Technology Major

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.

http://www.emich.edu/cot/met

School Information:

School of Engineering Technology - College of Technology

Bob Lahidji, Ph.D., School Director

118 Sill Hall
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School Website

Advisor Information:

Mary L. Brake, Ph.D.

School of Engineering Technology
118 Sill Hall
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mbrake@emich.edu

Program Admission:

Requirements for Admission - Students must meet the following requirements to be admitted to the Mechanical Engineering Technology Program:

1. A minimum EMU cumulative GPA of 2.3. (If a student has not yet established an EMU GPA, a combined GPA of 2.3 from all transfer institutions will be accepted)
2. Completion of PHY 221 or PHY 223 with a grade of C or higher (or equivalent Transfer Credit)
3. Completion of MATH 120 or MATH 140, with a grade of C or higher (or equivalent Transfer Credit)

Application Process - Students who wish to be admitted to the Mechanical Engineering Technology Program must do the following:

1. Complete all requirements listed above. Students may be enrolled in one or two of the **required** courses listed above during the semester they apply.
2. Submit an Application on-line by October 1, February 1, or July 1
3. Attend a mandatory meeting a MET faculty member or COT Staff Advisor. (Student will be contacted to schedule appointment after the receipt of their application)

Decision Notification Process - Students will be notified by letter after a decision is made. This notification will be made no later than the start of the semester following the application.

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 MET prefix);
2. *Maintain a cumulative GPA of at least 2.3 on a 4.0 scale
3. **Must see an advisor for academic advising before enrolling in each semester.

Notes: *A student whose cumulative GPA or cumulative major GPA falls below 2.3 will be placed on program probation for the next succeeding term or two semesters if the student is a part-time student (defined as taking 11 credits or less). If the student fails to raise his or her GPA to 2.3 or higher with the grades earned during the probationary term(s), the student will be dismissed from the program. Students may reapply for admission once their GPA is raised to 2.3 or higher.

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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEQR) 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 3 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
- SET 350W - Engineering Communication (GEWI) 3 hrs

One of the following:

- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs
- PHY 223 - Mechanics and Sound (GEKN) 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 (GEQR) 4 hrs
- MATH 140 - Applied Trigonometry and Calculus I for Technology (GEQR) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 Information:

School of Engineering Technology - College of Technology

Bob Lahidji, Ph.D., School Director

118 Sill Hall
(734) 487-2040
bob.lahidji@emich.edu

School Website

Advisor Information:

Philip Rufe

118 Sill Hall
(734) 487-2040
prufe@emich.edu

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 (GEKN) 3 hrs
- CHEM 118 - Fundamentals of Chemistry Laboratory (GEKN) 1 hr
- MATH 105 - College Algebra (GEQR) 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 (GEKN) 4 hrs
- PHY 222 - Electricity and Light 4 hrs
- QUAL 320 - Industrial Quality Control 3 hrs
- SET 350W - Engineering Communication (GEWI) 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.**

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Minor

Computer Engineering Minor

School Information:

School of Engineering Technology - College of Technology

Bob Lahidji, Ph.D., School Director

118 Sill Hall
(734) 487-2040
bob.lahidji@emich.edu

School Website

Required Courses: 6 Hours

- CET 151 - Introduction to Computing in Engineering Technology 3 hrs
- CET 375 - Robotics Engineering 3 hrs

Restricted Elective Courses: 15 hours

Students must take 5 courses from the following list:

- CET 215 - Computer Hardware and Software 3 hrs
- CET 273 - Unmanned Vehicle Systems 3 hrs
- CET 353 - Web Development for Engineering Applications 3 hrs
- CET 364 - Computer Embedded Systems 3 hrs
- CET 374 - Sensors, Control, and Data Acquisition 3 hrs
- CET 384 - Computer Interfacing Programming 3 hrs
- CET 385 - Data and Computer Communications 3 hrs
- CET 427 - Programmable Logic Controller 3 hrs
- CET 435 - VHDL & FPGA Design 3 hrs
- CET 449 - Cloud Computing 3 hrs
- CET 451 - Engineering Database Development 3 hrs
- CET 453 - Engineering Programming 3 hrs
- CET 491 - Senior Design Capstone 3 hrs

300-Level or above

All minors must have at least six hours of course work at the 300-level or above.

Minor Total: 21 hours

Critical Graduation Information:

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- Meet the requirements of the General Education program (see information below).

- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves 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
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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 reached in courses 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.

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.

Advisor Information:

Jamal Bari, Ph.D.

118 Sill Hall
(734) 487-2040
jamal.bari@emich.edu

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.

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Critical Graduation Information:

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
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    - 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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 advisor in the School of Engineering Technology.

School Information:

School of Engineering Technology - College of Technology

Bob Lahidji, Ph.D., School Director

118 Sill Hall
(734) 487-2040
bob.lahidji@emich.edu

School Website

Advisor Information:

Philip Rufe

118 Sill Hall
(734) 487-2040
prufe@emich.edu

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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The following are minimum requirements for all bachelor's degrees awarded by Eastern Michigan University. *Some majors and minors require more than the 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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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.

Polymers and Coatings Minor

The overall goal of this program is to provide opportunity for undergraduate students interested in science and engineering to graduate with a Minor in Polymers and Coatings technology, helping them to broaden their field of study and career opportunities.

Admission

Open to all undergraduate students

School Information:

School of Engineering Technology - College of Technology

Bob Lahidji, Ph.D., School Director

118 Sill Hall
(734) 487-2040
bob.lahidji@emich.edu

School Website

Required Courses: 18 Hours

- PC 260 - Introduction to Coatings Science and Technology 3 hrs
- PC 310 - Polymers for Engineers and Technologists 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

Restrictive Elective Courses: 6 hours

Select 6 credit hours from the following:

- CHEM 341 - Fundamentals of Material Science 3 hrs
- PC 387 - Cooperative Education in Interdisciplinary Technology 3 hrs
- PC 404 - Coatings Raw Materials 3 hrs
- PC 460 - Advanced Coatings Topics 3 hrs
- PC 497 - Independent Study 1 hr
- PC 498 - Independent Study 2 hrs
- PC 499 - Independent Study 3 hrs

Minor Total: 24 Hours

Critical Graduation Information:

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

Advisor Information:

Vijay Mannari, Ph.D

118 Sill Hall
(734) 487-2040
vijay.mannari@emich.edu

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 215 - Computer Hardware and Software

The course provides students with the knowledge and skills required to assemble components based on customer requirements, install, configure and maintain devices, PCs and software for end users, understand the basics of networking and security/forensics, properly and safely diagnose, resolve and document common hardware and software issues while applying troubleshooting skills. Provide appropriate customer support; understand the basics of vitalization, desktop imagine, and deployment.

Credit Hours: 3 hrs
Last Updated: New Course 5/2013, effective Winter 2014

CET 273 - Unmanned Vehicle Systems

An unmanned vehicle system (UVS) is a vehicle without a human pilot, navigator, or driver on-board. The unmanned vehicle systems are mainly categorized a unmanned aerial vehicle (UAV) or commonly known as drone, unmanned ground vehicle (UGV), and unmanned underwater vehicle (UUV) . These systems are either controlled autonomously by on-board computers or by a driver/navigator/ pilot on the ground using remote control. This course provides hands-on opportunity for the students to assemble/design their own UVS systems. Students will work as teams to practically lean how to collaborate and work with each other to create and build their own UVS with both autonomous and remote control navigation, telemetry, imaging, weather logging, and autopilot mission.

Credit Hours: 3 hrs
Prerequisite: MATH 104
Last Updated: New Course 5/2013, effective Winter 2014

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 364 - Computer Embedded Systems

The course covers the knowledge and understanding of the main embedded system principles and concepts. Students will understand what embedded system means form a business and technical perspective, as well as what is involved in embedded hardware, embedded system design process, and software development. Practical experiments and lab projects are emphasized.

Credit Hours: 3 hrs
Prerequisite: COSC 246
Last Updated: New Course 5/2013, effective Winter 2014

CET 374 - Sensors, Control, and Data Acquisition

Introduction to sensors and actuators, components of sensors; actuators, and data acquisitions systems; Analog/digital signal conditioning and conversion; structures of various sensors including pressure, level, flow, temperature, heat, humidity, density, position, motion, sound, light, force and torque; Structure of various actuators and controllers including regulator, power, and

motors; RFID systems, Signal transmission and control.

Credit Hours: 3 hrs
Prerequisite: ET 100
Last Updated: New Course 5/2013, effective Winter 2014

CET 375 - Robotics Engineering

This course provides hands-on opportunity for the students to assemble/design their own mobile robot. Students will work as teams to practically lean how to collaborate and work with each other to create and build an autonomous mobile robot. Topics include fundamentals of electronics and mechanics of robots; robot motion and speed control systems; robot dynamics and kinematics; robot programming; construction, mechanics, and electrical control of robots; sensing and vision systems for robots, obstacle avoidance systems for robots; robot communications and interfacing; different structures of mobile robots including four wheel and differential drives.

Credit Hours: 3 hrs
Prerequisite: ET 100
Last Updated: New Course 5/2013, effective Winter 2014

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 384 - Computer Interfacing Programming

This course introduces the principles and programming skills for students to develop interfacing programs for controlling a wide variety of control devices. Students design and build the interfacing circuits using various electronic components. The Design and development of computer programs for controlling and monitoring control systems are emphasized.

Credit Hours: 3 hrs
Prerequisite: COSC 246
Last Updated: New Course 5/2013, effective Winter 2014

CET 385 - Data and Computer Communications

This course introduces students to the areas of data communications and networking, protocols and TCP/IP protocol suite. Emphasis is placed in data communications, wide area networks. local area networks, network and transport protocols, security, and Internet applications. Practical lab exercises and animations are also emphasized

Credit Hours: 3 hrs
Prerequisite: CET 215
Last Updated: New Course 5/2013, effective Winter 2014

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 435 - VHDL & FPGA Design

Introduction to sensors and actuators, components of sensors; actuators, and data acquisitions systems; analog/digital signal conditioning and conversion; structures of various sensors including pressure, level, flow, temperature, heat, humidity, density, position, motion, sound, light, force and torque; structure of various actuators and controllers including regulator, power, and motors; RFID systems, signal transmission and control.

Credit Hours: 3 hrs
Prerequisite: ET 100
Last Updated: New Course 5/2013, effective Winter 2014

CET 449 - Cloud Computing

The course covers the knowledge and understanding of the main cloud computing principles and concepts. Students will understand what cloud computing means form a business and technical perspective, as well as what is involved in moving to and

governing the cloud. The course will address the domains of CompTIA cloud Essentials as well as vitalization, security, disaster recovery, cloud architecture, managing, migrating, mobile cloud, designing cloud-based solutions, coding cloud-based applications, scalability, and cloud programming software programs. Practical projects are emphasized.

Credit Hours: 3 hrs
Prerequisite: CET 353 or IA 344
Last Updated: New Course 5/2013, effective Winter 2014

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, WRTG 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

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
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
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** Remove Coreq of MATH 120, Add prereq of ELEC 200

Last Updated: Course Revision 6/2014, effective Winter 2015; 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
Course Revisions: Remove Coreq of MATH 121, effective Winter 2015

Last Updated: Links 04/2011, Course Revision 6/2014, effective Winter 2015

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
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** Remove Prereq of ELEC 120, **2)** add prereq ELEC 210

Last Updated: Course Revision 6/2014, effective Winter 2015; 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
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** Remove coreq of ELEC 314

Last Updated: Course Revision 6/2014, effective Winter 2015; 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
Course Revisions: effective Winter 2015, the following revisions will be made to this course, **1)** COSC 211 will be removed as a prerequisite, and **2)** COSC 246 will be added as a prerequisite

Last Updated: Course Revision 6/2014, effective Winter 2015; Links 04/2011,

ELEC 426 - Control Systems Engineering

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
Course Revisions: effective Winter 2015, the following revisions will be made to this course, 1) Add prereq of MATH 121

Last Updated: Course Revision 6/2014, effective Winter 2015; 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

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)
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major Restriction Added 3/2014, effective Fall 2014; 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
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major Restriction added 3/2014, effective Fall 2014; 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
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major Restriction added 3/2014, effective Fall 2014; 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
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major restriction added 3/2014, effective Fall 2014; 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
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major restriction added 3/2014, effective Fall 2014; 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
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major restriction added 3/2014, effective Fall 2014; 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
Major Restrictions: Mechanical Engineering Technology Major
Notes: Offered on a credit/no-credit basis.
Last Updated: Major Restriction added 3/2014, effective Fall 2014

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
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major Restriction added 3/2014, effective Fall 2014; 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
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major restriction added 3/2014, effective Fall 2014; Links 04/2011

MET 470 - Mechanical Vibrations

Time and frequency domain mathematical techniques for linear system vibrations, equations of motion of discrete systems, undamped systems response, viciously damped systems, forced response and base excitation are some of the topics that will be covered. Matlab will be used extensively to solve equations of motion and to plot the response.

Credit Hours: 3 hrs
Prerequisite: MET 312, MATH 121 or MATH 141, and CET 151
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major restriction added 3/2014, effective Fall 2014; Change to Description, Credit Hours and Prerequisites 11/2013, effective Summer 2014; 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
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major restriction added 3/2014, effective Fall 2014; 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
Major Restrictions: Mechanical Engineering Technology Major
Last Updated: Major restriction added 3/2014, effective Fall 2014; 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 inseminate 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, cellulosics.

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
Concurrent Prerequisite: MATH 104 or higher math course
Previously Listed As: MFG 111
Last Updated: Change to prerequisites 3/2014, effective Fall 2014; 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 protypes 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 (GEGA)

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
Perspectives on a Diverse World:
In this course, students will investigate how global trade has and is changing the lives or 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 (GEWI)

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
Writing Intensive:

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

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
Repeatable for Credit: No
Last Updated: New Course 08/2011, effective Fall 2011; updated 'create under' 7/14

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
Last Updated: Updated 'create under' 7/14

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
Last Updated: Updated 'create under' 7/14

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
Repeatable for Credit: No
Last Updated: New Course 03/2012; updated 'create under' 7/14

TEDU 110 - Teaching Impacts of Design, Engineering and Technology

An introduction to teaching the impacts of design, engineering, and technology. Topics to be included are: scope of technology, resources and technology, creating technology, technological contests, and technology and society. The students will learn to collect, analyze, and use information to make judgments regarding the use and development of technology. Students will also be introduced to instructional methods for K-12 education.

Credit Hours: 3 hrs
Class Restrictions: All Undergraduates
Last Updated: New Course 5/2013, effective Winter 2014; updated 'create under' 7/14

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
Last Updated: Updated 'create under' 7/14

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
Last Updated: Updated 'create under' 7/14

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; updated 'create under' 7/14

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
Last Updated: Updated 'create under' 7/14

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; updated 'create under' 7/14

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
Last Updated: Updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

TEDU 340 - Teaching Introduction to Engineering Design

Introduction to engineering design tools, techniques, and communication, including Three-Dimensional solid modeling- utilizing Autodesk Inventor, engineering reporting and technical documentation, engineering research and analysis, engineering standards, and the global and human impacts of engineering. Activity, project,and problem- based learning methods and assessment will be covered.

Credit Hours: 3 hrs
Prerequisite: TEDU 110 or advisor permission
Last Updated: New Course 5/2013, effective Winter 2014; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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.
Last Updated: Updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

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; updated 'create under' 7/14

School of Information Security and Applied Computing Programs

School of Information Security and Applied Computing

Major

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 Information:

School of Information Security and Applied Computing - College of Technology

Wade Tornquist, Ph.D., School Director (I)
Dean, College of Technology

109 Sill Hall
(734) 487-0354
wtornquis@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GELB) 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 (GEQR) 3 hrs
- STS 300W - Research and Writing: The Technology Career Perspective (GEWI) 3 hrs

One course from the following: 3 hours

- CTAC 224 - Public Speaking 3 hrs
- CTAC 225 - Listening Behavior (GEKS) 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 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 (GEWI) 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 (GEQR) 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 (GEWI) 3 hrs
- COSC 105 - Everyday Computing and Social Responsibility (GEGA) 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:

** 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

School of Technology & Professional Services Management Programs

School of Technology and Professional Services Management

Major

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 Information:

School of Technology and Professional Services Management - College of Technology

Pam Becker, Ph.D., School Director

122 Sill Hall
(734) 487-1161
pbecker@emich.edu

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 (GEWI) 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:

* *This course is a flight course involving flight activities conducted at the Eagle Flight Center.*

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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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
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General Education Requirements:

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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 Information:

School of Technology and Professional Services Management - College of Technology

Pam Becker, Ph.D., School Director

122 Sill Hall
(734) 487-1161
pbecker@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 12 hours

- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 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 (GEWI) 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 - Information Systems for Business 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.

Critical Graduation Information:

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- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a 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 6 credits in 300-level or higher courses at EMU in each minor

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General Education Requirements:

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

Distribution Operations & Technical Sales Major

Revised Program, effective Winter 2014

The Distribution Operations & Technical Sales 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 advisor 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 Information:

School of Technology and Professional Services Management - College of Technology

Pam Becker, Ph.D., School Director

122 Sill Hall
(734) 487-1161
pbecker@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 66-75 hours

Required Courses: 43 hours

- DOTS 140 - Introduction to Wholesale Distribution 3 hrs
- DOTS 240 - Profit Strategies in Distribution 3 hrs
- DOTS 340 - Relationships in Wholesaling 3 hrs
- DOTS 345 - Marketing in Wholesale Distribution 3 hrs
- DOTS 346 - Industrial Climate 3 hrs
- DOTS 387 - Co-operative Education 3 hrs
- DOTS 391 - Wholesale Account Development 3 hrs
- DOTS 440 - Inventory Strategies in Distribution 3 hrs
- DOTS 444 - Quality Planning in Distribution 3 hrs
- DOTS 448 - Best Practices in Wholesale Distribution 3 hrs
- IS 215 - Information Systems for Business 3 hrs
- IS 350 - Enterprise Resource Planning and Architecture 3 hrs
- PDD 123 - Manufacturing Processes 4 hrs
- STS 300W - Research and Writing: The Technology Career Perspective (GEWI) 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.

Critical Graduation Information:

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General Education Requirements:

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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 Information:

School of Technology and Professional Services Management - College of Technology

Pam Becker, Ph.D., School Director

122 Sill Hall
(734) 487-1161
pbecker@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 3 hours

- STS 300W - Research and Writing: The Technology Career Perspective (GEWI) 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 - Hospitality Technology 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:

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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 the Legal System, 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 Information:

School of Technology and Professional Services Management - College of Technology

Pam Becker, Ph.D., School Director

122 Sill Hall
(734) 487-1161
pbecker@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 6 hours

Option I:

- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs

Option II:

- SOCL 105 - Introductory Sociology (GEKS) 3 hrs
- SOCL 202 - Social Problems 3 hrs

Major Requirements: 69-72 hours

Required Courses: 33-36 hours

- LEGL 211 - Introduction to the Legal System 3 hrs
- LEGL 212 - Law Office Administration and Technology 3 hrs
- *** LEGL 304W - Legal Writing, Research and Analysis I (GEWI) 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 417 - 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 (GEWI) 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 (GEWI) 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
- LEGL 213 - Advanced Spreadsheet Applications 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 Information:

School of Technology and Professional Services Management - College of Technology

Pam Becker, Ph.D., School Director

122 Sill Hall
(734) 487-1161
pbecker@emich.edu

Advisor Information:

Program Advisor: 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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.
    2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
    3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.
5. 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.
6. 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 (GEKS) 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

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 (GEWI) 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 - Introduction to Inclusion and Disabilities Studies in a Diverse Society (GEUS) 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 (GEWI) 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 (GELB) 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 advisor 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.

Notes:

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

** These courses need only be taken once to count for Vocational Endorsement and Professional Education cores.*

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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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 the Technology Management program and many community colleges, including, but not limited to the following:

Technology Management - San Diego Miramar College Articulation Guide

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 Information:

School of Technology and Professional Services Management - College of Technology

Pam Becker, Ph.D., School Director

122 Sill Hall
(734) 487-1161
pbecker@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 9-12 hours

- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs

One course from the following:

- MATH 118 - Linear Models and Probability (GEQR) 3 hrs
- STS 224 - Solving Quantitative Problems in Technology (GEQR) 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 (GEWI) 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 (GEWI) 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 (GEQR) 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 in Technology Management 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.

Extended Programs

This program is available at an EMU off-campus location. For a list of locations, please click here.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in 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 Information:

School of Technology and Professional Services Management - College of Technology

Pam Becker, Ph.D., School Director

122 Sill Hall
(734) 487-1161
pbecker@emich.edu

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 the Legal System 3 hrs
- LEGL 212 - Law Office Administration and Technology 3 hrs
- MGMT 388 - Introduction to Entrepreneurship 3 hrs
- MGMT 480W - Management Responsibility and Ethics (GEWI) 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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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
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General Education Requirements:

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

Hotel and Restaurant Management Minor

School Information:

School of Technology and Professional Services Management - College of Technology

Pam Becker, Ph.D., School Director

122 Sill Hall
(734) 487-1161
pbecker@emich.edu

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.

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal 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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- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that one major or minor.
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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 Information:

School of Technology Studies - College of Technology

Wade Tornquist, Ph.D., School Director (I)

Dean, College of Technology

109 Sill Hall
(734) 487-0354
wtornquis@emich.edu

STS Office

122 Sill Hall
(734) 487-1161

School Website

Advisor Information:

Program Advisor: 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 advisor 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

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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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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General Education Requirements:

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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.

School of Visual and Built Environments Programs

School of Visual and Built Environments

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 Information:

School of Visual and Built Environments - College of Technology

Deb de Laski-Smith, Ph.D., School Director

206 Roosevelt
(734) 487-2490
ddelaski@emich.edu

Advisor Information:

Subhas Ghosh

206 Roosevelt
734-487-2476
sghosh@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 27 hours

- STS 300W - Research and Writing: The Technology Career Perspective (GEWI) 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.

Critical Graduation Information:

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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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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 Information:

School of Visual and Built Environments - College of Technology

Deb de Laski-Smith, Ph.D., School Director

206 Roosevelt
(734) 487-2490
ddelaski@emich.edu

Advisor Information:

David Gore

208 Sill Hall
(734) 487-0726
dgore@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEWI) 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

Pick One Course Group

Pick one course group from the following two choices

- COSC 146 - Applied Programming 3 hrs
  &
- COSC 206 - Applied Programming II 3 hrs
  or
- COSC 221 - Computer Organization I 3 hrs
  &
- COSC 231 - Internet-based Computing 3 hrs

Option II: Information Management

- IS 215 - Information Systems for Business 3 hrs
- 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

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 427 - Digital Imaging and Reproduction 3 hrs

Communication Theory and Practice: 6 hours

- CTAC 227 - Interpersonal Communication (GEKS) 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
- CMT 336 - Electronic Publishing Technology 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.

Critical Graduation Information:

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

Construction Management Major

Program Revised, Effective Fall 2013

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 advisor) 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, guidelines 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 Information:

School of Visual and Built Environments - College of Technology

Deb de Laski-Smith, Ph.D., School Director

206 Roosevelt
(734) 487-2490
ddelaski@emich.edu

Advisor Information:

Jim Stein, Ph.D.

206 Roosevelt
(734) 487-1940
jstein@emich.edu

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 3 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 1 hr
- CNST 403 - Production Control 3 hrs
- CNST 406W - Construction Law (GEWI) 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):

- CNST 426 - Mechanical and Electrical Construction Applications 3 hrs
- CNST 427 - Industrial Construction 3 hrs
- CNST 437 - Environmental Construction Contracting 3 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
- CNST 497 - Directed Study in Construction Management Techniques 1 hrs
- GHPR 335 - Historic Preservation 3 hrs
- IDE 208 - Introduction to Basic Design 3 hrs
- IDE 317 - Lighting Systems for Interior Designers 3 hrs
- MATH 105 - College Algebra (GEQR) 3 hrs
- MATH 107 - Plane Trigonometry 2 hrs
- URP 215 - Introduction to Urban and Regional Planning 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 (GEKN) 3 hrs
  with
- CHEM 118 - Fundamentals of Chemistry Laboratory (GEKN) 1 hr
- MATH 120 - Calculus I (GEQR) 4 hrs
  Additional courses with advisor approval.

General Restricted Electives: 14 hours

- ESSC 110 - The Dynamic Earth System (GEKN) 4 hrs
- MATH 170 - Elementary Statistics (GEQR) 3 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 hrs

Choose one of the following:

- ECON 100 - Introduction to Economic Problems and Policies (GEKS) 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.

Extended Programs

This program is available at an EMU off-campus location. For a list of locations, please click here.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

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 Information:

School of Visual and Built Environments - College of Technology

Deb de Laski-Smith, Ph.D., School Director

206 Roosevelt
(734) 487-2490
ddelaski@emich.edu

Advisor Information:

Dr. Deb de Laski-Smith

202A Roosevelt
(734) 487-8254
ddelaski@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 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 (GEWI) 3 hrs

Interior Design Elective Courses: 6 hours

Courses are selected in consultation with an interior design advisor and are not limited to those listed below

- ARTS 104 - Graphic Design for Non-Majors (GEKA) 3 hrs
- ARTS 105 - Photography for Non-Majors (GEKA) 3 hrs
- ARTS 121 - Two-Dimensional Design 3 hrs
- ARTS 122 - Three-Dimensional Design 3 hrs
- ARTS 245 - Introduction to Furniture Design 3 hrs
- CNST 440 - LEED for New Construction and Major Renovations 3 hrs
- HIST 329 - Power, Place and Image in Florence and Rome 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 advisor for course options.

Critical Graduation Information:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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 Information:

School of Visual and Built Environments - College of Technology

Deb de Laski-Smith, Ph.D., School Director

206 Roosevelt
(734) 487-2490
ddelaski@emich.edu

Advisor Information:

Pam Speelman, Ph.D.

15 Sill Hall
(734) 487-2041
pspeelman@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 105L - Introduction to Simulation, Animation and Gaming (GELB) 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 (GEWI) 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 purses 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 (GEWI) 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:

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)

- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

Minor

Apparel, Textiles and Merchandising Minor

School Information:

School of Visual and Built Environments - College of Technology

Deb de Laski-Smith, Ph.D., School Director

206 Roosevelt
(734) 487-2490
ddelaski@emich.edu

Advisor Information:

Subhas Ghosh

206 Roosevelt
734-487-2476
sghosh@emich.edu

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.

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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).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a 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 cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

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 Information:

School of Visual and Built Environments - College of Technology

Deb de Laski-Smith, Ph.D., School Director

206 Roosevelt
(734) 487-2490
ddelaski@emich.edu

Advisor Information:

Jim Stein, Ph.D.

206 Roosevelt
(734) 487-1940
jstein@emich.edu

Required Courses: 23 hours

- CNST 125 - Introduction to Construction 3 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.

Critical Graduation Information:

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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 Information:

School of Visual and Built Environments - College of Technology

Deb de Laski-Smith, Ph.D., School Director

206 Roosevelt
(734) 487-2490
ddelaski@emich.edu

Advisor Information:

David Gore

208 Sill Hall
(734) 487-0726
dgore@emich.edu

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 advisor 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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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.

- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

Interior Design Minor

Revised Program, effective Fall 2014

School Information:

School of Visual and Built Environments - College of Technology

Deb de Laski-Smith, Ph.D., School Director

206 Roosevelt
(734) 487-2490
ddelaski@emich.edu

Advisor Information:

Dr. Deb de Laski-Smith

202A Roosevelt
(734) 487-8254
ddelaski@emich.edu

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: 15 hours

Choose 5 of the following courses:

- IDE 110 - Interior Design Studio I 3 hrs
- IDE 121 - Interior Design Materials and Components 3 hrs
- IDE 122 - Interior Design Theory II 3 hrs
- IDE 221 - Environmental Systems for Interior Designers 3 hrs
- IDE 225 - History of Interiors from Antiquity to 1800 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

Minor Total: 21 hours

Note

All minors must have at least six hours of course work at the 300-level or above.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a 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 cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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.

School of Health Promotion and Human Performance Programs and Courses

School of Health Promotion and Human Performance

Major

Athletic Training Major

Corrected Major

This major was modified on October 10, 2016, to correct an error. ATTR 491 and ATTR 495 are not required for this major and were removed. The "Sports Medicine – Athletic Training" core was reduced by six credit hours, from 86 to 80.

The Bachelor of Science in Athletic Training 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 pr 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 Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D., School Director

319J Porter Building
(734) 487-2815
cherman2@emich.edu

School of Health Promotion & Human Performance's Website

Advisor Information:

Jodi Schumacher
734-487-2817
jschuma5@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Additional Requirements: 8 hours

- CHEM 120 - Fundamentals of Organic and Biochemistry (GEKN) 4 hrs
- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
- PSY 103 - General Psychology Laboratory (GEKN) 1 hr

Sports Medicine - Athletic Training: 80 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 3 hrs
- ATTR 295 - Assessment of Lower Body Injuries 4 hrs
- ATTR 296 - Assessment of Upper Body Injuries 4 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 3 hrs
- ATTR 327 - Practicum IV 3 hrs
- ATTR 384 - Ergogenic Aids and Athletic Performance 2 hrs
- ATTR 390 - Senior Practicum 3 hrs
- ATTR 395 - Advanced Topics in AT 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
- PHIL 223 - Medical Ethics (GEKH) 3 hrs
- 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 (GEWI) 3 hrs

Electives: 13 hours

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Notes:

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:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 reached in courses 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.

Exercise Science Major

Admission Criteria:

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 by going to the UACDC website
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, and a biographical sketch, and turn this in to their advisor. 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 Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D., School Director

319J Porter Building
(734) 487-2815
cherman2@emich.edu

School of Health Promotion & Human Performance's Website

Advisor Information:

Andrew Cornett, Ph.D.

318 Porter Building
(734) 487-2810
acornet2@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 66-68 hours

Pre-candidacy Courses: 24-25 hours

- PHY 221 - Mechanics, Sound and Heat (GEKN) 4 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 (GEKN) 4 hrs
- * BIO 110 - Introductory Biology I (GEKN) 5 hrs

Group II:

- * CHEM 120 - Fundamentals of Organic and Biochemistry (GEKN) 4 hrs
  OR
- * CHEM 121 - General Chemistry I (GEKN) 3 hrs
  AND
- * CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr

Required Courses: 13 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 (GEWI) 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 Sport Performance Training 3 hrs
- SPMD 480 - Internship — Exercise Science 8 hrs

Elective Courses: 5-6 hours

- Any undergraduate or graduate 500-level SPMD course
- ATTR 295 - Assessment of Lower Body Injuries 4 hrs
- ATTR 296 - Assessment of Upper Body Injuries 4 hrs
- 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 431 - 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.

Critical Graduation Information:

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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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K -12 Physical Education Teacher Education Major

Revised Program, effective Fall 2014

K-12 Physical Education Teacher Education (PETE) Admission

Starting in Fall 2014, the Physical Education Program will be initiating an accreditation-related internal application process for all K-12 Physical Education Teacher Education (PETE) intent major students. The K-12 PETE admission process will be as follows:

Eligibility to apply:

1. Students must declare a K-12 PETE intent major and follow advising guidance from the School of Health Promotion & Human Performance intent advisor
2. In the student's second fall semester and after the student has completedPHED 100 and PHED 200 with a grade of a C or better, the student will be eligible to apply for admission to the major
3. The student must also have completed or intend to complete PHED 102, PHED 204, PHED 205, and PHED 260 with a minimum of a C grade by end of the application decision semester (Winter).

Specific application information and format is available form the School of Health Promotion & Human Performance intent advisor and on the Physical Education Program website.

Application Process:

By Nov. 1 of the year of application, the student must complete and submit an application for admission to the K-12 PETE major. The initial application includes the following components:

1. Student demographic information
2. Personal statement of professional goals related to Physical Education teaching
3. Verification of current 2.5 overall EMU GPA
4. Advisor verification of all necessary pre-admission coursework

By Dec. 15 of the same year, the student must:

1. Complete a candidacy interview
2. Have complete FITNESSGRAM health-related fitness assessment data on file with the Physical Education Program
3. Have complete fundamental motor competency performance data on file with the Physical Education Program

Applicants will be informed of available dates and times for interviews, FITNESSGRAM fitness assessments, and fundamental motor competency assessments. It is the student's responsibility to make sure he or she is available to complete the required admission assessments after dates are released each school year.

By Feb. 15 of each year, the Physical Education Program will make K-12 PETE major admission decisions. If an admitted student is deficient in one or more of the following categories: (1) motor skill performance, (2) FITNESSGRAM health-related fitness, and/or (3) professional dispositions as they relate to the teaching profession, the student will be required to meet with his or her assigned faculty adviser to create an individual professional development plan (IPDP) to remediate areas of professional weakness. This plan will include personal progress goals, possible student strategies for remediation, a time-line for progress, and how progress will be assessed.

Successful Progress in the K-12 PETE Major:

If the student fails to do any of the following by Nov. 1 of the final school year of coursework, the student will be dismissed from the major.

1. Meet progress expectations of an individual remediation of professional weakness plan,
2. Maintain a minimum of a cumulative 2.5 GPA
3. Achieve admission into the College of Education Initial Teacher Preparation program
4. Achieve a minimum grade of B- in every Methods of Teaching course and a minimum grade of C in all other major courses

K-12 PETE Student Teaching Eligibility:

Each K-12 PETE major is responsible for maintaining progress to his or her major and minor plan of study in conjunction with a faculty advisor. Student teaching is the final professional experience in this teacher certification program. Applications to student teach are due to the EMU College of Education by January 15 (fall student teaching) or June 15 (winter student teaching). http://www.emich.edu/coe/students/undergraduate/student_teaching/applications.html

In additional to following all EMU College of Education student teaching application requirements, the student must also submit a complete Physical Education Pre-Student Teaching portfolio to the Physical Education Program by November 15 (for Winter semester student teaching) and April 15 (for Fall semester student teaching). This portfolio must follow all official guidelines as established by the Physical Education Program. These guidelines include

1. Documentation of 100 hours of specific pre-student teaching K-12 Physical Education observation/clinical experiences,
2. 30 hours of K-12 Physical Education professional development experiences, and
3. Artifacts and reflection of how the student meets or exceeds target professional expectations and standards of an "Initial Physical Education Teacher" as established by the National Association for Sport and Physical Education (NASPE, 2008).

Guidelines and procedures for completing this portfolio are overviewed in PHED 102, are available on the Physical Education Program website, and are a part of advising once accepted to the major.

Student Appeals:

If a student wishes to appeal an admission or dismissal decision, the student must submit a request for appeal with the Physical Education Program coordinator. The Physical Education Program coordinator will follow up with each student appeal on a case-by-case basis according to the EMU College of Education Red Flag policy (linked below) and a decision will be made if/how the student is allowed to continue in the K-12 PETE major.

http://www.emich.edu/coe/oas/docs/manuals/general_policies_procedures.pdf

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 based on a minimum of 12 credit hours taken at EMU. An EMU GPA of 2.5 or higher in your major, based on at least one course in your major. The Elementary Education Major is comprehensive, therefore, the elementary major GPA is based on the cumulative of liberal arts curriculum and content course work.
    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. *If Secondary:* ENGL 121, CTAC 124, Quantitative Reasoning (GEQR), one lab science, all professional education courses, and, if special education, PSY 101.
    2. *If Elementary:* ENGL 121, CTAC 124, MATH 108, MATH 110E, PHY 100, ESSC 202, all of the professional education courses, all courses that state "for elementary teachers," and, if special education, PSY 101.
4. Official Test Scores showing competency in each of the following areas: mathematics, reading and writing. Scores are accepted from the Professional Readiness Exam (PRE), Basic Skills Test (no longer offered), ACT, or Michigan Merit Exam (MME). The following scores are acceptable:
    1. *Mathematics:* PRE pass, Basic Skills pass, ACT mathematics 22 or higher, or MME mathematics 1116 or higher.

2. *Writing:* PRE pass, Basic Skills pass, ACT combined English/writing 24 or higher, or MME writing 1129 or higher.
3. *Reading:* PRE pass, Basic Skills pass, ACT reading 22 or higher, or MME reading 1108 or higher.

5. 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.
6. Meet academic, social, moral, and financial obligations as a member of the EMU community.

School Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D., School Director

319J Porter Building
(734) 487-2815
cherman2@emich.edu

School of Health Promotion & Human Performance's Website

Advisor Information:

Julie Jahn, M.A.

318 Porter Building
(734) 487-2816
jjahn2@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Pre-Admission Requirements: 20 Hours

Students will need to complete these courses prior to being admitted into the K- 12 Physical Education Teacher Education Major

- PEGN 210L - Lifetime Wellness and Fitness (GELB) 2 hrs
- PHED 100 - Foundations of Physical Education and Physical Activity 2 hrs
- PHED 102 - Introduction to Teaching Physical Education 2 hrs
- PHED 200 - Anatomy and Physiology 5 hrs
- PHED 204 - Kinesiology (Biomechanics of Physical Activity) 3 hrs
- PHED 205 - Physiology of Exercise 4 hrs
- PHED 260 - Motor Development 2 hrs

Major Requirements: 33 hours

Students must be admitted to the K-12 Physical Education Major prior to taking the following courses.

Students must complete all methods of teaching courses with no single course grade lower than a B-. All other major courses must be completed with no single course grade lower than a C.

- HLED 210 - First Aid and CPR Certification 2 hrs
- PEGN 204 - Lifeguard Training (GELB) 2 hrs
- PHED 302 - Methods of Teaching Elementary Physical Education 3 hrs
- PHED 306 - Methods of Teaching Games and Activities in Physical Education I 2 hrs
- PHED 307 - Methods of Teaching Games and Activities in Physical Education II 2 hrs
- PHED 308 - Methods of Teaching Rhythmic Activities, Dance and Creative Movement 2 hrs
- PHED 309 - Methods of Teaching Outdoor Pursuits and Adventure Education 2 hrs
- PHED 315 - Methods of Fitness Education in Physical Education 2 hrs
- PHED 330 - Adapted Physical Education 3 hrs
- PHED 354 - American Red Cross Water Safety Instructor 2 hrs
- PHED 431 - Motor Learning 3 hrs
- PHED 460 - Assessment and Evaluation in Physical Education 4 hrs
- PHED 485 - Curriculum and Program Design in Physical Education 3 hrs
- PHED 495 - Physical Education Student Teaching Seminar 1 hr

Initial Teacher Preperation Program: 22 hours

Pre-admission: 4 hours

- EDPS 322 - Human Development and Learning 4 hrs

Phase I: 3 hours

- SOFD 328W - Schools for a Diverse and Democratic Society (GEWI) 3 hrs

Phase II: 3 hours

- RDNG 311 - Teaching Reading in the Secondary School 3 hrs

Phase III: 12 hours

- EDUC 496 - Student Teaching (GELB) 6 hrs
- EDUC 497 - Student Teaching (GELB) 6 hrs

Minor Requirements:

This program requires a minor. Please contact your program advisor for a list of possible minors. Students in this major are strongly encouraged to select the School Health Education 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Sport Management Major

Revised Program, effective Winter 2014

School Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D., School Director

319J Porter Building
(734) 487-2815
cherman2@emich.edu

School of Health Promotion & Human Performance's Website

Advisor Information:

Michael Bretting, Ph.D.

318 Porter
734-487-0275
mbretting@emich.edu

Program 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 by going to UACDC's Website.

2. Achieve an overall GPA at Eastern Michigan University of 2.5 (transfer GPA evaluated separately) after the sophomore year.
3. Student must have attained a minimum of a B- in SMGT 201, SMGT 255, and SMGT 265 before being approved to register for 300 and 400 level courses in the program.

Once accepted, the student must maintain a minimum of a 2.75 GPA in the major courses. The student will not be allowed to complete the Fieldwork experience any semester that overall average falls below a 2.75. In addition, a grade of a B- or better must be attained in the following courses: SMGT 201, SMGT 255, and SMGT 265 before being approved to register for 300 and 400 level courses in the program.

General Education Requirements:

For specific requirements refer to the General Education Program.

Required Core Courses: 42 hours

- LAW 411 - Sports Law 3 hrs
  or
- PHED 421 - Legal Aspects of Sport and Physical Education 3 hrs

- SMGT 201 - Foundations of Sport Management 3 hrs
- SMGT 255 - Sports in Society 3 hrs
- SMGT 265 - Foundations of Sport Leadership 3 hrs
- SMGT 305 - Applied Sport Psychology for Sport Management Professionals 3 hrs
- SMGT 325 - Sport Facilities 3 hrs
- SMGT 375 - Sport and Event Planning 3 hrs
- SMGT 385W - Introduction to Research in Sport Management (GEWI) 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 (For nonbusiness majors)
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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Sport Performance and Fitness Entrepreneurship Major

Revised Program, effective Fall 2014

The Sport Performance and Fitness Entrepreneurship Major is available for students who wish to pursue careers in physical activity, fitness, sport, performance training, and wellness. Graduates have found employment in fitness centers, corporate wellness and fitness, community recreation, athletic performance training centers, and in entrepreneurial fitness ventures.

School Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D., School Director

319J Porter Building
(734) 487-2815
cherman2@emich.edu

School of Health Promotion & Human Performance's Website

Advisor Information:

Julie Jahn, M.A.

318 Porter Building
(734) 487-2816
jjahn2@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Sport Performance and Fitness Entrepreneurship Major:

Sports Performance and Fitness: 56 hours

Theoretical Core Courses: 24 hours

- HLED 210 - First Aid and CPR Certification 2 hrs
- HLED 242 - Theoretical Foundations of Heath Behavior 3 hrs
- PHED 100 - Foundations of Physical Education and Physical Activity 2 hrs
- PHED 200 - Anatomy and Physiology 5 hrs
  Note: Department may allow students to subsititute SPMD 201 - Human Anatomy for Sports Medicine & SPMD 202 - Human Physiology for Sports Medicine for PHED 200.
- PHED 204 - Kinesiology (Biomechanics of Physical Activity) 3 hrs
- PHED 205 - Physiology of Exercise 4 hrs
- PHED 260 - Motor Development 2 hrs
- PHED 431 - Motor Learning 3 hrs

Applied Core Courses: 19 hours

- DTC 101 - Fundamentals of Personal Nutrition 3 hrs
- PEGN 206 - Fitness Instructor and Personal Trainer Certification Preparation (GELB) 3 hrs
- SPMD 380W - Behavioral Aspects of Sports Medicine (GEWI) 3 hrs
- SPMD 407 - Fitness Center Management 3 hrs
- SPMD 410 - Laboratory Techniques in Human Performance Analysis 4 hrs
- SPMD 433 - Principles of Sport Performance Training 3 hrs

Performance and Fitness Courses: 13 hours

- CTAC 224 - Public Speaking 3 hrs
- PHED 257 - Physical Education for the Classroom Teacher 2 hrs
  Note: Sport Performance and Fitness Entrepreneurship Majors need to take a specific section of PHED 257. Please see program coordinator for more information.
- PHED 309 - Methods of Teaching Outdoor Pursuits and Adventure Education 2 hrs
- PHED 341 - Methods of Physical Training and Performance Enhancement 2 hrs
- PHED 342 - Methods of Holistic Fitness 2 hrs
- PHED 343 - Methods of Group Exercise Instruction 2

Entrepreneurship Minor:

This program requires students to complete the Entrepreneurship Minor (For nonbusiness majors) in the Management Department in the College of Business.

Internship: 8 hours

Prior to Internship enrollment, students are required to complete all coursework in the Sport Performance and Fitness Entrepreneurship Major and the Entrepreneurship Minor (For nonbusiness majors). Students should contact their faculty advisor for internship application deadlines and further details.

- PHED 482 - Internship for Sport Performance and Fitness Entrepreneurship 8

Major Total: 64 hours

Entrepreneurship Minor: 21 hours

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Minor

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 Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D., School Director

319J Porter Building
(734) 487-2815
cherman2@emich.edu

School of Health Promotion & Human Performance's Website

Advisor Information:

Kathleen Conley
734-487-2808
kconley@emich.edu

Minor Requirements: 20 hours

Required Courses: 17 hours

- HLED 130 - Healthy Sexuality 3 hrs
- HLED 210 - First Aid and CPR Certification 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 advisor.

Minor Total: 20 hours

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Note:

All minors must have at least six hours of course work at the 300-level or above.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.

- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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 Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D., School Director

319J Porter Building
(734) 487-2815
cherman2@emich.edu

School of Health Promotion & Human Performance's Website

Advisor Information:

Jerry Ricciardo, Ph.D.

318 Porter Building
(734) 487-2827
jricciard@emich.edu

Required Courses: 9 hours

- RECR 100L - Introduction to Recreation and Leisure (GELB) 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 (GELB) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and

additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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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 Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D., School Director

319J Porter Building
(734) 487-2815
cherman2@emich.edu

School of Health Promotion & Human Performance's Website

Advisor Information:

Kathleen Conley, Ph.D.

318 Porter Building
(734) 487-2808
kconley@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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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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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 Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D., School Director

319J Porter Building
(734) 487-2815
cherman2@emich.edu

School of Health Promotion & Human Performance's Website

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 205 - Physiology of Exercise 4 hrs
- PHED 315 - Methods of Fitness Education in Physical Education 2 hrs
- PHED 330 - Adapted Physical Education 3 hrs
- PHED 485 - Curriculum and Program Design in Physical Education 3 hrs

One course from the following:

- PHED 306 - Methods of Teaching Games and Activities in Physical Education I 2 hrs
- PHED 307 - Methods of Teaching Games and Activities in Physical Education II 2 hrs

Minor Total: 25 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:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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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 that 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 reached in courses 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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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
Last Updated: Prerequisite Change 12/2013, effective Summer 2014; 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
Course Revisions: Effective Winter 2015, SPMD 119 will be removed as a prerequisite for this course.

Last Updated: Course revision note 10/2014; 2/28/2011

ATTR 290 - Practicum II

This course will provide students 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, and emergency care. The clinical component will require a minimum of 20-25 hours per week.

Credit Hours: 3 hrs
Prerequisite: ATTR 225, 2.9 GPA and department permission
Corequisites: ATTR 296 and ATTR 304
Major Restrictions: Athletic Training Major
Last Updated: Change to Course Description and Credit Hours 12/2013, effective Summer 2014; 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: 4 hrs
Prerequisite: ATTR 290 and ATTR 296
Corequisites: ATTR 310, ATTR 321 and ATTR 326
Last Updated: Change to Credit Hours 12/2013, effective Summer 2014; 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: 4 hrs

Prerequisite: ATTR 219, ATTR 201, ATTR 202 and ATTR 225
Corequisites: ATTR 290 and ATTR 304
Last Updated: Change to Credit Hours 12/2013, effective Summer 2014; 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

This course will 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 & 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 20-25 hours per week.

Credit Hours: 3 hrs
Prerequisite: ATTR 290
Corequisites: ATTR 310, ATTR 321 and ATTR 295
Major Restrictions: Athletic Training Major
Last Updated: Change to Course Description and Credit Hour Total 12/2013, effective Summer 2014; 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. The content of the course will involve situational orthopedic assessments (upper & lower extremity) , therapeutic modalities skill assessment, assessment of pharmacological knowledge and application, and skills assessment associated with advanced medical emergency situations. The course will also provide opportunities for skill development in the areas of strength & conditioning, rehabilitation techniques and recognition of general medical conditions. The clinical component will require a minimum of 20-25 hours per week.

Credit Hours: 3 hrs
Prerequisite: ATTR 326 and department permission
Corequisites: ATTR 322 and ATTR 419
Major Restrictions: Athletic Training Major
Last Updated: Change to Credit Hours and Description 12/2013, effective Summer 2014; 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 395 - Advanced Topics in AT

This course will allow students to explore advanced techniques and current topics in Athletic Training. Students will learn advanced techniques along with, but not limited to, gait analysis and manual therapy techniques. Students will learn how to use evidence based practice in the profession of Athletic Training.

Credit Hours: 3 hrs
Prerequisite: ATTR 327
Class Restrictions: Senior, Second Bachelor
Major Restrictions: Athletic Training Major
Last Updated: New Course 12/2013, effective Summer 2014

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

ATTR 491 - Internship II

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 is taken in conjunction with the ATTR 490 course. It is supplement to the internship. It will allow the student to do a "full-time" internship during his/her senior semester.

Credit Hours: 5 hrs
Prerequisite: ATTR 390
Class Restrictions: Senior, Second Bachelor
Major Restrictions: Athletic Training Major
Last Updated: New Course 12/2013, effective Summer 2014

ATTR 495 - ATEP Review Course

A course designed to provide students with structured guidance and directed learning opportunities in preparation for the BOC examination and to assess their ability to obtain an entry-level position. Students will be provided with opportunities to practice their understanding of didactic and practicum-based material and will engage in mock examinations.

Credit Hours: 1 hr
Prerequisite: ATTR 390
Class Restrictions: Senior, Second Bachelor
Major Restrictions: Athletic Training Major
Last Updated: New Course 12/2013, effective Summer 2014

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, CHEM 120 or CHEM 121/ CHEM 122, departmental permission and 2.5 GPA in Exercise Science.
Corequisites: SPMD 202
Cross-Listed with: ATTR 201
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, CHEM 120 or CHEM 121/ CHEM 122, departmental permission and 2.5 GPA in Exercise Science.
Corequisites: SPMD 201
Cross-Listed with: ATTR 202
Last Updated: Remove line from Course Revision 9/2014, 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
Course Revisions: Course deleted in 15/16 catalog

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 205
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 (GEWI)

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
Writing Intensive:

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: Exercise Science Major, Sport Management Major, and Sport Performance and Fitness Entrepreneurship Major
Last Updated: Change to Major restrictions 4/2014, effective Fall 2014

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 205/SPMD 300 and candidacy
Major Restrictions: Sport Performance and Fitness Entrepreneurship Major and Exercise Science Major
Last Updated: Change to Major restrictions 4/2014, effective Fall 2014; 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, infarction and the effects of drug therapy.

Credit Hours: 3 hrs
Prerequisite: PHED 205/SPMD 300 and candidacy
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 205/SPMD 300 and candidacy
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 Sport Performance Training

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 205/SPMD 300
Class Restrictions: Junior or Senior standing or department permission
Major Restrictions: Sport Performance and Fitness Entrepreneurship Major and Exercise Science Major/Intent
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Last Updated: Change to Title 11/2013, effective Summer 2014; 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 205/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 205/SPMD 300 or equivalent
Last Updated: Added to Catalog 04/2012

General Activity

PEGN 101 - Weight Control and Fitness (GELB)

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
Learning Beyond the Classroom:

Last Updated: Gen Edu logo added

PEGN 102 - Aerobic Dance (GELB)

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
Learning Beyond the Classroom:

Last Updated: Gen Edu logo added 3/2014

PEGN 103 - Ballroom Dance (GELB)

Students will learn theory, technique and beginning patterns in merengue, swing, fox trot, waltz, tango and ballrooming.

Credit Hours: 1 hr
Learning Beyond the Classroom:

Last Updated: Gen Edu logo added 3/2014

PEGN 104 - Cardio Kickboxing (GELB)

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
Learning Beyond the Classroom:

Last Updated: Gen Edu logo added 3/2014

PEGN 106 - Kendo (GELB)

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
Repeatable for Credit: This course may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 107 - Water Aerobics (GELB)

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
Repeatable for Credit: This course may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 108 - Basketball (GELB)

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
Learning Beyond the Classroom:

Last Updated: Gen Edu logo added 3/2014

PEGN 110 - Beginning Tae Kwon Do (GELB)

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
Learning Beyond the Classroom:

Last Updated: Gen Edu Logo Added

PEGN 111 - Volleyball (GELB)

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
Learning Beyond the Classroom:

Last Updated: Gen Edu logo added

PEGN 112 - Spinning (GELB)

A course designed to introduce indoor cycling as a workout along with core training exercises.

Credit Hours: 1 hr
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 113 - Core Training (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 114 - Exercise Equipment Selection and Usage (GELB)

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
Repeatable for Credit: yes, up to 2 hrs
Learning Beyond the Classroom:

Last Updated: Course type change 7/2014, New Course 11/2012, effective Winter 2013

PEGN 115 - Karate (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 116 - Bully Proofing (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 118 - Mixed Martial Arts (GELB)

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
Repeatable for Credit: This course may be repeate for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 119 - Women's Gymnastics (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 122 - Men's Gymnastics I (GELB)

This is a basic men's gymnastic skills class, and an introduction to the sport of gymnastics.

Credit Hours: 1 hr
Learning Beyond the Classroom:

Last Updated: *

PEGN 123 - Line Dance (GELB)

Introduction to various types of line dances including country western, multicultural, contemporary club dances, as well as "classic" dances.

Credit Hours: 1 hr
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 124 - Fitness Walking (GELB)

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
Repeatable for Credit: Yes, 2 hrs
Learning Beyond the Classroom:

Last Updated: *

PEGN 125 - Family Fitness (GELB)

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
Repeatable for Credit: Yes, 2 hrs
Learning Beyond the Classroom:

Last Updated: Course type change 7/2014, New Course 11/2012, effective Winter 2013

PEGN 126 - Conditioning Activities (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 127 - Healthy Hearts (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 128 - Judo I (GELB)

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
Learning Beyond the Classroom:

Last Updated: 04/2012

PEGN 129 - Kung Fu, Strength and Conditioning (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 130 - Assault and Rape Prevention (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 131 - Aikido I (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 132 - Extreme Workout (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 133 - Women's Fitness (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 140 - Marching Band (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 142 - Racquetball and Paddleball (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 143 - Fencing (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 145 - Cross-Country Skiing (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 146 - Beginning Snow Skiing (GELB)

A class designed to provide instruction in the basic fundamentals of downhill snow skiing at a recreational level.

Credit Hours: 1 hr
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 148 - Tennis (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 149 - Badminton (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 150 - Golf (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 151 - Bowling (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 152 - Sailing (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 153 - Swimming (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 157 - Rape Aggression Defense System (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 171 - Nia (GELB)

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
Last Updated: *

PEGN 172 - Capoeira (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 173 - Judo II (GELB)

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
Repeatable for Credit: This class may be repeated for credit.**Prerequisite:** PEGN 128
Last Updated: New Course 04/2012, effective Fall 2012

PEGN 174 - Leading Creative Play (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

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 (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 190 - Extramural Club Sports (GELB)

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
Learning Beyond the Classroom:

Last Updated: Links 04/2011

PEGN 193 - Swing Dance I (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 201 - Fitness Activities (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 203 - Latin Dance (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 204 - Lifeguard Training (GELB)

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
Repeatable for Credit: This course may be repeate for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 206 - Fitness Instructor and Personal Trainer Certification Preparation (GELB)

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
Repeatable for Credit: This class may be repeated for credit.
Learning Beyond the Classroom:

Last Updated: New Course 04/2012, effective Fall 2012

PEGN 210L - Lifetime Wellness and Fitness (GELB)

A lecture course covering the essential elements of wellness and fitness. The course is geared toward entering freshmen.

Credit Hours: 2 hrs
Learning Beyond the Classroom:

Last Updated: Links 03/2011

PEGN 211 - Intermediate Volleyball (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 215 - Tai Chi (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 220 - Varsity Rifle Team (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 222 - Men's Gymnastics II (GELB)

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
Last Updated: *

PEGN 224 - Jogging (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 226 - Weight Training (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 229 - Varsity Soccer (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 230 - Varsity Cross Country (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 231 - Varsity Football (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 232 - Varsity Basketball (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 233 - Varsity Swimming (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 234 - Varsity Gymnastics (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 235 - Varsity Wrestling (GELB)

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
***Last Updated:** **

PEGN 236 - Varsity Track (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 237 - Varsity Baseball (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 238 - Varsity Golf (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 239 - Varsity Tennis (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 240 - Varsity Volleyball (GELB)

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
***Last Updated:** **

PEGN 242 - Varsity Softball (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

PEGN 256 - Basic River Kayak (GELB)

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
Learning Beyond the Classroom:

***Last Updated:** **

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 (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

PEGN 348 - Basic Scuba Diving (GELB)

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
Learning Beyond the Classroom:

Last Updated: *

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 (GELB)

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
Learning Beyond the Classroom:

Last Updated: Links 04/2011

PEGN 498 - Directed Study (GELB)

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
Learning Beyond the Classroom:

Last Updated: Links 04/2011

PEGN 499 - Directed Study (GELB)

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
Learning Beyond the Classroom:

Last Updated: Links 04/2011

Health Education

HLED 120 - Healthful Living

Develops in students the responsibility for guiding and evaluating their own health. Acquisition of attitudes, habits, skills, and ideas favorable to efficient and healthful living. Material and information concerning mental, physical, and social well-being.

Credit Hours: 3 hrs
Class Restrictions: Undergraduates Only
Last Updated: *

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 - First Aid and CPR Certification

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
Previously Listed As: HLED 210 Standard American Red Cross First Aid
Last Updated: Title Change 12/2012, effecitve Summer 2013

HLED 242 - Theoretical Foundations of Heath Behavior

This course provides an introduction to health behavior change and the theoretical basis for health behaviors. Discussion of all major behavioral theories as well as strategies for using a theoretical foundation in planning effective health education and health promotion programs will be included.

Credit Hours: 3 hrs
Repeatable for Credit: No
Last Updated: New Course 1/2013, effective Summer 2013

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 260 - Introduction to Community Health

This course focuses on health issues of different populations. These issues will be discussed using examples from health education work settings highlighting the special role of health educators in addressing these issues. Early exposure to health education literature. community organizations that support health education and the roles of a health educator will be included. This course includes an out - of - class service learning component.

Credit Hours: 3 hrs
Repeatable for Credit: No
Last Updated: New Course 4/2013, effective Winter 2014

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 345 - Community Health Education Methods and Materials

This course examines methods and Materials used in community health education, and is designed for students in the undergraduate Public Health Major. Course content will be delivered through lecture, discussion, and application activities in both the classroom and campus computer labs.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** HLED 242, HLED 260, HLED 270, and (HLED 130 or HLED 250 or HLED 371 or HLED 490)
Last Updated: New Course 5/2013, effective Winter 2014

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 371 - Injury and Violence Prevention

Injury, both intentional and unintentional, is a leading cause of death and disability in the United States. Students will be introduced to different types of injury, focusing on risk and protective factors, personal and environmental influences, and best practice prevention strategies. This course is intended for students in the undergraduate Public Health Major. Methods will include lecture, individual and small group activities, computer applications, and assigned projects.

Credit Hours: 3 hrs
Last Updated: New Course 2/2013, effective Summer 2013

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 440 - Health Education Program Evaluation

The course examines models and strategies for conducting formative and summative evaluation of health education program interventions. Emphasis is given to model selection, the politics and ethics associated with evaluation, planning evaluations, evaluation designs, sampling, data analysis, cost analysis, and report generation. Students complete an application evaluation

project.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** HLED 355
Class Restrictions: All Undergraduates
Last Updated: New Course 6/2013, effective Fall 2014

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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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.
Course Revisions: Effective Winter 2015, this course is no longer approved for Graduate credit.

Last Updated: No longer available for Graduate credit 10/14, effective Winter 2015, 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 lend 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

PHED 100 - Foundations of Physical Education and Physical Activity

This course introduces students to the history and impact of Physical Education and physical activity in society, as well as to the profession of Physical Education and its related fields. The course will cover Physical Education philosophy, ancient up to current historical impact of Physical Education; physical activity trends; and potential career options in the professional fields of Physical Education and physical activity.

Credit Hours: 2 hrs
Class Restrictions: All Undergraduates, Second Bacc, Post Bacc.
Previously Listed As: History and Foundations of Physical Education
Last Updated: Change to Title & Description 3/2014, effective Fall 2014

PHED 102 - Introduction to Teaching Physical Education

This course introduces K -12 Physical Education Teacher Education Major intent students and Physical Education Minor students to fundamental pedagogical principals, basic planning and instruction strategies, professional standards, and classroom management strategies.

Credit Hours: 2 hrs
Repeatable for Credit: No
Class Restrictions: All Undergraduates, Second Bacc., Post Bacc. Teaching
Last Updated: New Course 3/2014, effective Fall 2014

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

The purpose of this course is to provide students with an introduction to the principles of human anatomy and physiology, which focuses on important functions and the makeup of the human body. This course will provide a better understanding of the anatomical and physiological processes necessary for physical education-related careers. This lecture course is supplemented by demonstrations and on-line labs focusing on the structure and functions of the body systems, such as the muscular, skeletal, digestive, urinary, respiratory, cardiovascular systems.

Credit Hours: 5 hrs
Class Restrictions: All Undergraduates, Post Bac. Teacher Cert.
Last Updated: Change to Course Description 3/2014, effective Fall 2014

PHED 204 - Kinesiology (Biomechanics of Physical Activity)

The purpose of this course is for students to merge concepts of human anatomical kinesiology with essential mechanical principles fundamental to human locomotion and physical activity. The emphases of this course will be placed on those bio-mechanical conditions that exist within the sport, dance, and recreational context.

Credit Hours: 3 hrs
Prerequisite: PHED 200 or SPMD 201/ATTR 201 and SPMD 202/ATTR 202
Class Restrictions: All Undergraduates, Second Bacc, Teacher Cert.
Last Updated: Change to Course Description 3/2014, effective Fall 2014; Links 04/2011

PHED 205 - Physiology of Exercise

This course will examine the fundamental principles of Exercise Physiology. All major physiological systems will be explored with regard to both acute responses and chronic adaptations to exercise. Upon completion of this course students will have various methods and apparati used to measure responses in the field of exercise physiology. This class will also serve as a forum for contemplation and discussion of the concepts presented.

Credit Hours: 4 hrs
Prerequisite: PHED 200 or (SPMD 201 or ATTR 201) and SPMD 202 or ATTR 202)

Cross-Listed with: SPMD 300
Previously Listed As: PHED 300 - Physiology of Exercise
Last Updated: Change to Course Title & Description 3/2014, effective Fall 2014; 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 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

This course will focus on principles of motor development with implications for learning fine and gross motor skills. Factors will be examined that are associated with growth and maturation, environmental variables, and individual differences in attaining motor proficiency throughout a lifespan.

Credit Hours: 2 hrs
Prerequisite: PHED 200 or (SPMD 201 or ATTR 201) & (SPMD 202 or ATTR 202)
Class Restrictions: All Undergraduates, Second Bacc, Teacher Cert.
Last Updated: Change to Course Description 2/2014, effective Fall 2014

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 302 - Methods of Teaching Elementary Physical Education

This course will utilize the Skill Theme Approach and other validated instructional frameworks to prepare students in applied developmental theory, curriculum, instruction, and assessment in the elementary Physical Education classroom setting.

Credit Hours: 3 hrs
Major Restrictions: K -12 Physical Education Teacher Education Major
Previously Listed As: PHED 317 - Methods of Teaching Elementary Physical Education
Last Updated: Change to Course Number, Credit Hours, Description, Prerequisite and Major Restriction 3/2014, effective Fall 2014; 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 306 - Methods of Teaching Games and Activities in Physical Education I

This course will utilize several instructional models in Physical Education to prepare students in applied developmental theory, curriculum, instruction and assessment in the upper elementary and secondary Physical Education classroom settings. Students will become familiar with the theory and practice of teaching net/wall and target games through the Tactical Games Approach, Teaching Personal & Social Responsibility and other key Physical Education instructional models in a secondary setting through field experiences in controlled and dynamic school-based settings.

Credit Hours: 2 hrs
Major Restrictions: K -12 Physical Education Teacher Education Major
Notes: Department Permission
Previously Listed As: PHED 215 - Methods of Teaching Individual Sports
Last Updated: Change to Course Number, Title, Description, Major Restriction 3/2014, effective Fall 2014

PHED 307 - Methods of Teaching Games and Activities in Physical Education II

This course will utilize several instructional models in Physical Education to prepare students in applied developmental theory, curriculum, instruction and assessment in the upper elementary and secondary Physical Education classroom settings Students will become familiar with the theory and practice of teaching invasion and striking/field games through the Direct and Sport Education instructional models in a secondary setting through field experiences in controlled and dynamic school-based settings

Credit Hours: 2 hrs
Prerequisite: PHED 302 and PHED 306
Major Restrictions: K -12 Physical Education Teacher Education Major
Previously Listed As: PHED 217 - Methods in Teaching Team Sports
Last Updated: Change to Course Title, Number, Description and Major Restriction 3/2014, effective Fall 2014

PHED 308 - Methods of Teaching Rhythmic Activities, Dance and Creative Movement

This course will focus on the teaching, performance, analysis, and evaluation of fundamental rhythmic, social dance, locomotor, nonlocomotor, and manipulative skills and creative movement activities in the K-12 Physical Education setting.

Credit Hours: 2 hrs
Prerequisite: PHED 302
Major Restrictions: K -12 Physical Education Teacher Education Major
Previously Listed As: PHED 219 - Methods of Teaching Rhythmic Activities, Fundamental Movement and Movement Education
Last Updated: Change to Course Number, Title, Description, Prerequisite and Major Restriction 3/2014, effective Fall 2014

PHED 309 - Methods of Teaching Outdoor Pursuits and Adventure Education

This course is dedicated to the promotion of physical activity, wellness, and an appreciation of nature through experience-based outdoor pursuits and adventure education. This course will prepare students to facilitate team-building, adventure education, and basic outdoor activities to a variety of participants with a focus on the implementation of leadership, theory, and methodology of adventure education.

Credit Hours: 2 hrs
Major Restrictions: K -12 Physical Education Teacher Education Major and Sport Performance and Fitness Entrepreneurship Major
Last Updated: New Course 3/2014, effective Fall 2014

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 Fitness Education in Physical Education

In this course, pre-service Physical Education teachers will learn to implement best practices in the planning, teaching, and assessing of health-related physical fitness activities in the K-12 movement setting.

Credit Hours: 2 hrs
Major Restrictions: K -12 Physical Education Teacher Education Major
Previously Listed As: PHED 315 - Methods of Teaching Conditioning Activities
Last Updated: Change to Title, Description and Prerequisites 3/2014, effective Fall 2014; 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 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

This course is an introductory experience in the field of Adapted Physical Education and incorporates understanding of the nature, behavior characteristic, and motor limitations of various disabilities. Students will acquire the basic skills necessary to prepare, meaningful individualized movement experiences for individuals with disabilities in inclusive, self-contained, community, and/or home settings.

Credit Hours: 3 hrs
Prerequisite: PHED 260
Major Restrictions: K -12 Physical Education Teacher Education Major
Last Updated: Change to Course Description, Major restriction, and prerequisites 3/2013, effective Fall 2014; 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 341 - Methods of Physical Training and Performance Enhancement

The purpose of this course is for students to review, analyze, practice and demonstrate the various forms of physical and resistance training technique applicable to the sport performance enhancement specialist and personal fitness trainer employed among various commercial, corporate, community, and school settings.

Credit Hours: 2 hrs
Prerequisite: (PHED 205 or SPMD 300) and (PHED 204 or SPMD 305)
Last Updated: New Course 3/2014, effective Fall 2014

PHED 342 - Methods of Holistic Fitness

The purpose of this course is to introduce students to a variety of physical training methods that integrate a mind-body approach to achieve positive changes in physiological measures of physical fitness. These disciplines include but are not limited to yoga, neuromuscular integrative action (NIA), pilates, and some forms of martial arts.

Credit Hours: 2 hrs
Prerequisite: PHED 204 and PHED 205
Last Updated: New Course 3/2013, effective Fall 2014

PHED 343 - Methods of Group Exercise Instruction

This course is designed to introduce science-based concepts and techniques used in the development and implementation of safe and effective group exercise instruction for a variety of clinical, scholastic and commercial settings. Both theoretical learning and practical applications will be emphasized throughout the course with special emphasis on aerobic and anaerobic modes of training.

Credit Hours: 2
Prerequisite: PHED 204 and PHED 205
Class Restrictions: Junior & Senior
Last Updated: New Course 3/2014, effective Fall 2014

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 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 (GEWI)

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
Course Revisions: Effective Winter 2015, credit hours will be changed from "2 hrs" to "3 hrs".

Writing Intensive:

Last Updated: Course Revision Note 12/2014, effective Winter 2015; 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 421 - Legal Aspects of Sport and Physical Education

Individual rights, due process, selected legal concepts and principles, liability, safe environments, risk management, contracts, insurance, disability (ADA) laws, video rights and jurisdictions, compliance issues, facility issues and negligence, crisis management, product liability, antitrust and labor law, the legal implications of "pay to play," and other selected topics.

Credit Hours: 3 hrs
Class Restrictions: Junior, Senior, Second Bacc.
Previously Listed As: Legal Aspects of Sport, Physical Education, and Recreation
Last Updated: Change to Course Title, Credit Hours and Description 3/2014, effective Fall 2014

PHED 431 - Motor Learning

This course will provide students with a thorough understanding of the neurological and psychological process of acquiring and developing movement skills. The course will allow students to examine factors (individual, task, environment) and interactions that influence skill acquisition and performance in educational, recreational, clinical and scientific settings.

Credit Hours: 3 hrs
Prerequisite: PHED 260
Previously Listed As: PHED 360 - Motor Learning
Last Updated: Change to course number, description, and prerequisite 3/2014, effective Fall 2014; 04/2011

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 460 - Assessment and Evaluation in Physical Education

This course will address the planning and implementation of tests and measurements in the evaluation process in Physical Education. Included will be the evaluations of cognitive learning, affective learning, heath-related fitness, motor ability, physical performance, and sports skills, Emphasis will be placed on both traditional and alternative methods of assessing.

Credit Hours: 4 hrs
Prerequisite: PHED 308, PHED 307, and PHED 330
Major Restrictions: K -12 Physical Education Teacher Education Major
Graduate Credit: This is an undergraduate course available to graduate students for graduate credit.
Previously Listed As: PHED 470 - Assessment and Evaluation in Physical Education
Last Updated: Change to course number, credit hours, description, prereq, and major restriction 3/2014, effective Fall 2014;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 482 - Internship for Sport Performance and Fitness Entrepreneurship

The purpose of the Sport Performance and Fitness Entrepreneurship internship is to enable the student an opportunity to develop applied, practical, skills based upon theory, knowledge and principles acquired in the classroom and laboratory. In addition, the internship provides students the opportunity to become proficient with behaviors deemed appropriate among their peers in the professional setting and clients in the employment environment of their discipline.

Credit Hours: 8

Class Restrictions: Senior
Notes: Prior to Internship enrollment, students are required to complete all coursework in the Sport Performance and Fitness Entreprenuership major and the Business Entrepreneurship minor.
Last Updated: New Course 3/2014, effective Fall 2014

PHED 483 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 4 hrs
Repeatable for Credit: Yes
Last Updated: New Course 3/2014, effective Summer 2014

PHED 485 - Curriculum and Program Design in Physical Education

This course introduces late-term pre-service teacher candidates to curriculum theory, Physical Education instructional models, and development of a school culture of Physical Education and physical activity. Students will be challenged to understand the role of Physical Education in a 21st Century society, while also applying that understanding to how and what should be taught in K-12 Physical Education content.

Credit Hours: 3 hrs
Prerequisite: PHED 460
Major Restrictions: K -12 Physical Education Teacher Education Major
Previously Listed As: PHED 415 - Curriculum and Instruction in Physical Education
Last Updated: Change to Number, Description, Prereq, and major restriction 3/2014, effective Fall 2014; Links 04/2011

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 491 - Special Topics

An exploration and study of topics not covered in other departmental offerings. Students may elect more than once, provided different topics are studied.

Credit Hours: 8 hrs
Last Updated: New Course 3/2014, effective Summer 2014

PHED 495 - Physical Education Student Teaching Seminar

This seminar supplements the Physical Education student teaching semester experience. Major topics and themes discussed will include the transition from student to educator through the student teaching process, professional preparation for the education field, and discussion of the application of Physical Education pedagogical skills.

Credit Hours: 1 hr
Class Restrictions: Senior, Second Bac., Post. Bac. Tchr. Cert.
Major Restrictions: K -12 Physical Education Teacher Education Major
Previously Listed As: PHED 495 - Senior Seminar
Last Updated: Change to title, description and Major Restriction 3/2013, effective Fall 2014; 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 (GELB)

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, treads and job opportunities.

Lecture, discussion, film and speakers from the field.

Credit Hours: 3 hrs
Notes: Academic Service Learning Course (Winter 2015, CRN: 22292, 22609).
Last Updated: Course Note 12/2014; 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 (GELB)

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
Notes: Academic Service Learning Course (Winter 2015, CRN: 22293).
Last Updated: Course Note 12/2014; Links 03/2011

RECR 282L - Backpacking (GELB)

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
Notes: Academic Service Learning Course (Winter 2015, CRN: 23417).
Last Updated: Course Note 12/2014; Links 03/2011

RECR 284 - Backcountry First Aid

This course is designed to prepare outdoor recreation managers, commercial providers, and users of remote/backcountry outdoor recreation areas with the knowledge, skills, and abilities to provide first responder care to injured or ill participants in a backcountry setting.

Credit Hours: 3
Repeatable for Credit: Yes, up to 6 hrs
Last Updated: Change to Concurrent Prerequisite 4/2014, effective Fall 2014; New Course 12/2012, effective Summer 2013

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 - Sports in Society

This is a required introductory level course for SMGT Majors which examines the sociological factors that influence sport in our society. The purpose of the course is to provide the student with a sound theoretical basis and the ability to critically examine the sociological issues found within sport.

Credit Hours: 3 hrs
Prerequisite: PSY 101
Previously Listed As: SMGT 225 ; SMGT 255 Social Psychology of Sport
Last Updated: Title and Description Change 1/2013, effective Summer 2013; Links 03/2011

SMGT 265 - Foundations of Sport Leadership

This course examines the management and leadership components of those who supervise sport organizations. Areas such as developing goals, decision making, strategic planning, leadership styles and resource management will be examined with the objective of developing a management and leadership philosophy.

Credit Hours: 3 hrs
Repeatable for Credit: No
Last Updated: New Course 11/2013, effective Summer 2014

SMGT 305 - 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
Previously Listed As: SMGT 405
Last Updated: Number Change 1/2013, effective Summer 2013; 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 and 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 (GEWI)

A course to teach students the research skills that can be applied to their professional careers. The student will be ale to effectively located 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
Writing Intensive:

Last Updated: Links 04/2011

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 advisor 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:

1. 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.
2. No grade below C in any mathematics or science course.
3. 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.
4. 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.
5. TOEFL scores of 570 or above (230 on the computer-based exam or 88 on the internet-based exam).
6. Students may retake any science, math or CLSC course only one time in order to improve a grade.
7. 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 pre-professional 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 advisors 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 Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

Lynne M. Shetron-Rama PhD, MT(ASCP)
Associate Professor/Program Director
342 Marshall Building
(734) 487-2381
lshetron@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Clinical Laboratory Sciences Major Requirements: 52 hours

- AHPR 200 - Medical Terminology 1 hr
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 305 - Cell and Molecular Biology 3 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEWI) 3 hrs
- CLSC 407 - Hematology 3 hrs
- CLSC 408 - Clinical Hematology Laboratory 1 hr

One from the following:

- MATH 170 - Elementary Statistics (GEQR) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 advisor 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 pre-professional 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 advisors 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 Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

Lynne Shetron, Ph.D.

341 Marshall
(734) 487-2381
lshetron@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Clinical Laboratory Sciences Major Requirements: 57 hours

- AHPR 200 - Medical Terminology 1 hr
- BIO 110 - Introductory Biology I (GEKN) 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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
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- 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 (GEWI) 3 hrs
- CLSC 407 - Hematology 3 hrs
- CLSC 408 - Clinical Hematology Laboratory 1 hr

One from the following:

- MATH 170 - Elementary Statistics (GEQR) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 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 (GEKH) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 advisor 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 pre-professional 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 advisors 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 Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

Lynne Shetron, Ph.D.

341 Marshall
(734) 487-2381
lshetron@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Clinical Laboratory Sciences Major Requirements: 52-55 hours

- AHPR 200 - Medical Terminology 1 hr
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 305 - Cell and Molecular Biology 3 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEWI) 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 (GEQR) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 advisor 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:

Pre-professional 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 as a physician assistant. 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.

he 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 F) 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 probation) 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 Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

Lynne Shetron, Ph.D.

341 Marshall
(734) 487-2381
lshetron@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Clinical Laboratory Sciences Major Requirements: 55 hours

- AHPR 200 - Medical Terminology 1 hr
- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- BIO 301 - Genetics 3 hrs
- BIO 305 - Cell and Molecular Biology 3 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEWI) 3 hrs
- CLSC 407 - Hematology 3 hrs
- CLSC 408 - Clinical Hematology Laboratory 1 hr

One from the following:

- MATH 170 - Elementary Statistics (GEQR) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 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 (GEWI) 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 (GEKH) 3 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Combined Occupational Therapy BS/MOT (COT)

Program Revised, effective Fall 2014

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 that employment of occupational therapists is projected to grow 29 percent from 2012 to 2022, much faster than the average for all occupations.. 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. Occupational Therapy was rated the 9th best job in health care and 14th best job overall by US News and World Report (2014). In 2012, Forbes identified a master of occupational therapy as a top degree to pursue for employment.

Accreditation

The EMU Occupational Therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, Suite 200, Bethesda, MD 20814-3449. ACOTE's telephone number, c/o AOTA, is (301) 652-AOTA and its web address is www.acoteonline.org.

School Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

Sharon Holt, M.H.S., O.T.R.L.

313 Marshall Bldg
(734) 487-4096
ot_intent_advising@emich.edu

Admissions Requirements:

The Occupational Therapy Program Admission Requirements were developed to be straightforward and attainable for prospective applicants. They are intended to serve as a guide for those interested in applying to program. These are the minimum requirements for an application to be reviewed and evaluated. All admission requirements must be met for an applicant portfolio to be considered and reviewed. Simply meeting these minimum requirements does not guarantee admission to the program.

There are two routes of entry to the occupational therapy degree. Student applicants are integrated into one cohort once admitted into the program. Please carefully review the tracks below to identify which option fits you.

- If you are applying to the occupational therapy program as an undergraduate student and will not have completed a degree prior to the start of the program you should apply to the program as a Combined Occupational Therapy (COT) student.
- If you are applying to the occupational therapy program and have already received a bachelor's degree or will have received a degree prior to the start of the program you should apply as a graduate student to the MOT program.

Option 1 Master of Occupational Therapy (MOT)

The Masters of Occupational Therapy (MOT) track is designed for individuals who have already completed an undergraduate degree in a field other than occupational therapy. Applicants to this track must have a baccalaureate degree from a regionally accredited college/university or appropriate international institution. Candidates may apply while their degree is in progress, but degree completion, demonstrated by transcript evaluation, is necessary prior to the start of the Occupational Therapy Program. This track requires students to complete twenty-four months of full-time, year-round graduate course work in occupational therapy followed by 24 weeks of Level II Fieldwork. This track culminates with a Master of Occupational Therapy (MOT degree).

Please visit the Master of Occupational Therapy (MOT) page in the graduate catalog for additional information.

Option 2 Combined Occupational Therapy (COT)

The Combined Occupational Therapy (COT) track is often referred to as the 3+2 program. The COT track is designed for undergraduate students who do not yet have a bachelor's degree. This track requires students to complete twenty-four months of full-time, year-round graduate course work in occupational therapy followed by 24 weeks of Level II Fieldwork. This track culminates with a Bachelor of Science degree and a Master of Occupational Therapy (MOT) degree. To be eligible to apply as a COT student:

- 75 Undergraduate credits must be completed by the August 1st application deadline.

- 90 Undergraduate credits must be completed by the start of the OT program in the January after the application deadline.
- If submitting a portfolio on August 1st with less than 90 credits a plan for how the full 90 credits will be complete by the January immediately following the application deadline must be included.
- All general education courses have been or will be fully complete by the January immediately following the application deadline. General education courses can be completed in the fall semester as portfolios are being reviewed.
- Transfer students have been accepted to EMU and have met with a general academic advisor to identify how previous coursework will transfer to EMU.

Portfolio Deadline

The competitive admission process consists of a review of portfolios. Portfolios must be received no later than August 1st 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, three academic references, documentation of 100 hours of completed volunteer service with a minimum of two volunteer reference forms from these experiences, and a sample of reflective writing. Detailed information about the portfolio 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 and meet with the OT Intent Advisor in order to successfully complete their application. Applicants may only apply to the Occupational Therapy Program two times.

Graduate Record Examination (GRE)

The GRE revised General Test or GRE General Test is required as part of the application process to EMU Occupational Therapy program for both the MOT and COT tracks.. There is no test that is acceptable as a substitute for the GRE. Results of the GRE General Test must be included in the portfolio. GRE test results are accepted if taken within 3 years of an applicant's date of application. If taking the GRE in the months leading up to application it **should be taken no later than June 30th** in order to ensure scores are available by the August 1st application deadline. Results should be sent to Eastern Michigan University **and** a copy of the results placed in the portfolio. To register for this examination please visit the website www.ETS.org. There is no minimum GRE score necessary to be considered for admission however average scores admitted to the program include a combined score of over 300 on the quantitative/verbal and 4.0 on the writing.

- If testing accommodations are needed please visit www.ets.org/disabilities. Accommodation requests should be submitted to ETS as early as possible.

GRE score reports must be received following the guidelines as delineated above. In the event that appropriate score reports are not provided to EMU and found within the portfolio, the candidate will be removed from consideration for admission.

GPA

Applicants applying for the August 1st, 2014 deadline, must have a 2.75 or higher cumulative GPA in order to be considered for admission.

Beginning August 1st, 2015, applicants must have a minimum GPA of 3.0 at the time of application. This GPA will be calculated from the last 60 semester/90 quarter units of course work. It is the expectation that the average successful applicant has a GPA much higher than 3.0.

Pre-Admission Coursework

In order to be considered for admission to the occupational therapy program, applicant's must complete the following pre-admission courses with a grade of B- or better. All courses must be completed within 10 years of the application deadline with the exception of Statistics, Anatomy and Physiology, and Neuroanatomy, which must be 5 years of age or younger on the application deadline. Visit pre-admission courses for more information. If you have previously taken these courses at another

university please note that all pre-admission substitutions must be pre-approved before the submission of your portfolio. All pre-admission coursework must be completed by the August 1st application deadline. Submission of your portfolio without course completion or pre-approval will result in your application being denied.

Anatomy and Physiology

- BIO 251 - Human Anatomy and Physiology I 4 hrs
- BIO 252 - Human Anatomy and Physiology II 4 hrs

Neuroanatomy

- BIO 330 - Neuroanatomy 4 hrs

Statistics – (choose 1)

- EDPS 621 - Statistical Applications in Educational Research 2 hrs
- EDPS 651 - Inferential Statistics 2 hrs
- MATH 170 - Elementary Statistics 3 hrs
- MATH 360 - Statistical Methods 3 hrs
- MATH 370 Probability and Statistics I 3 hrs
- MATH 571 - Mathematical Statistics I: Probability Theory 3 hrs
- MATH 573 - Statistical Data Analysis 2 hrs
- MATH 574 - Applied Statistics 3 hrs
- PSY 205 - Quantitative Methods in Psychology 3 hrs
- SOCL 250 - Quantitative Applications in Sociology 3 hrs

Medical Terminology

- AHPR 200 - Medical Terminology 1 hr

Human Growth and Development – (choose 1)

- EDPS 325 - Life Span Human Growth and Development 4 hrs
- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs

Introductory Psychology

- PSY 101 - General Psychology Lecture 3 hrs

Please be aware that 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. PSY 103 is not a requirement for application to the occupational therapy program.

Abnormal Psychology

- PSY 360 - Abnormal Psychology 3 hrs

Introductory Sociology OR Introduction to Cultural Anthropology - (choose 1)

- SOCL 105 - Introductory Sociology 3 hrs
- ANTH 135 - Introduction to Cultural Anthropology 3 hrs

All pre-admission courses must be taken at a regionally accredited college or university in the United States. Pre-admission courses may be taken at traditional four year universities or community colleges. Both traditional classroom settings and online courses from these institutions are acceptable. Advanced placement credit consideration will be provided for Introductory Psychology and Statistics only. There are no exceptions to this requirement.

All pre-admission courses (including associated labs) must be completed with a minimum grade of "B-". For pre-admission courses with separate final grades assigned for Lecture and Lab sections on a transcript, a minimum grade of "B-" is required in both sections. There is no averaging of these grades together. Applicants enrolled at institutions that use a combined letter grading scale (such as "AB" or "BC"), all pre-admission courses must be "A", "AB", or "B". Receiving a grade of "BC" or lower does not meet the minimum grade requirement.

For applicants enrolled at institutions that use a numerical system for grading, all pre-admission courses must have a grade of at least "2.7". Receiving a grade of "2.5" or lower does not meet the minimum grade requirement. No pre-admission course may be taken as "credit/no credit", "pass/fail" or "advanced credit", as a grade must be assigned.

Coursework Outside the US - International Applicants

An international applicant is defined as a student who is either not a United States citizen or a student who has educational credentials (taken any college/university courses) from outside the United States. All applicants to the EMU Occupational Therapy Program with non-U.S. post secondary educational credentials (taken any college/university courses) must submit an evaluation of all non-U.S. post-secondary education using Educational Perspectives (EP). EP is the only educational credential evaluation service that is accepted by EMU. A "Detailed" Report (course by course evaluation) and US –equivalent Grade Point Average (GPA) is required. Please visit the EP web-page: www.edperspective.org/emich for details on how to submit the evaluation request and obtain an EP application form.

Applicants who do not possess a Bachelor's degree from a post-secondary institution where English is the principal language of instruction must take and pass the TOEFL with a score of 84 or better. No tests other than TOEFL will be accepted. Applicants must report their TOEFL scores in their portfolio application by August 1 and an official TOEFL score report must be sent to the EMU Occupational Therapy Program. Students who are applying to the EMU Occupational Therapy Program are encouraged to take ESLN 592 prior to the start of classes.

All international applicants are expected to understand and meet all other eligibility requirements for admission to the EMU Occupational Therapy Program and the Graduate School. For more information about the Graduate School requirements, please visit the International Student web-page. For questions about residency/visa or financial requirements, please contact the Office of International Admissions at international.admissions@emich.edu.

Academic Reference

Effective August 1st, 2015 students must submit three academic references. If applying August 1st, 2014 the previous requirement of one academic reference continues to apply. Criteria for the academic reference can be found here. Each reference must include the credentials and contact information of the individual completing the reference. All letters of academic reference must be written within the three years prior to application.

Volunteer Experience

A minimum of **100 hours volunteer, work or service learning experience** with individuals with special needs must be completed prior to the application deadline. All volunteer hours must be completed within the three years prior the applicant's date of application.

Volunteer work must consist of:

- A minimum of 20 hours with an Occupational Therapist in any setting
- A minimum of 20 hours in an agency that is committed to social justice, community welfare, community building, health and wellness, for example.

    - Examples of agencies committed to social justice: soup kitchens, homeless shelters, habitat for humanity, food banks, boys and girls clubs.
- The remaining 60 hours can include:
    - Additional hours with an Occupational Therapist in any setting
    - Additional hours in an agency that is committed to social justice, community welfare, community building, health and wellness, for example.
        - Examples of agencies committed to social justice: soup kitchens, homeless shelters, habitat for humanity, food banks, boys and girls clubs.
    - Hours where the focus is on individuals with occupational performance issues (physical, mental, developmental, etc) or on issues that are created due to environmental factors including social, cultural, economic, political, etc.

NOTE:

- Students who have taken the undergraduate elective of OCTH 201 will have fulfilled 80 hours of the volunteer requirements. The applicant will still need to complete an additional 20 hours with an Occupational Therapist in any setting.
- Applicants should document their volunteer experiences on the form provided here.

Reflective Writing

Applicants must complete a four page reflective writing component. This paper is a reflection on work with individuals observed in OT while completing the required volunteer hours. We would like applicants to examine the meaning of occupation in people's lives. Reflective writing criteria can be found here.

Portfolio

The portfolio should be in a 1-inch binder, well organized, professional and include:

- An identification page
- Official transcripts from all colleges attended
- A table or list of prerequisite courses (include name of course, number of course, grade received, institution where completed). Course pre-approval documentation must accompany the table of courses.
- Results of the GRE.
- Academic and volunteer experience references on required forms
- Reflective writing component

Submit the completed application portfolio by August 1st to:

The Occupational Therapy Program
Eastern Michigan University
313 Marshall Building
Ypsilanti, MI 48197

- Applications can be submitted as early as May of the application year and will not be accepted after August 1st. If mailing a portfolio, allow sufficient time for the receipt of this packet by August 1st. Write "OT Application Portfolio" to the left of the address on the front of the envelope. Incomplete portfolios will not be reviewed.

Scoring Criteria

Acceptance into the Occupational Therapy program is based on a comprehensive assessment. For detailed scoring information click here.

Admission Criteria

Admission criteria updates will be posted by September of each year for the following application cycle.

Still have questions about applying to the Occupational Therapy Program?

Group sessions are strongly encouraged prior to contacting the OT Intent Advisor. Upcoming sessions can be located at http://www.emich.edu/chhs/hs/ot/admissions/. Still have questions? Contact us via email at ot_intent_advising@emich.edu or schedule an appointment with our OT Intent Advisor, Sharon Holt, via chhsadvising@emich.edu.

Rules and Regulations

In addition to the above requirements, all EMU Occupational Therapy Program students must agree to abide by the Rules and Regulations of the program. These can be found in the EMU OT Program Student Handbook.

Program of Study

Occupational therapy advising for occupational therapy-intent students is performed by the OT intent advisor or the College of Health and Human Services Advising Center. All applicants should attend a group advising session with the OT intent advisor to discuss admission and portfolio requirements. Upon acceptance into the occupational therapy program, students are assigned a faculty advising team. All students admitted to the program must meet with their advising team before registering each semester.

Scholarships

The Occupational Therapy program offers a number of scholarships to students who are admitted to the program. Information is annually distributed from the OT program to students who are currently enrolled in the occupational therapy program. There are also a number of University scholarships available to students. Contact the office of Financial Aid for information.

Fieldwork

All occupational therapy students must complete two Level II Fieldwork experiences within 24 months following completion of the didactic portion of the program. Students have the right to request part-time or full-time fieldwork. Students who desire part-time fieldwork must make this request in writing to the fieldwork coordinator prior to placement arrangement.

National Board for Certification in Occupational Therapy (NBCOT)

The National Board for Certification in Occupational Therapy, Inc. (NBCOT) administers the national certification examination for occupational therapists in the United States. Upon successful completion of the academic and fieldwork requirements, graduates of the program will be eligible to sit for the National Certification Examination for the Occupational Therapist, administered by the NBCOT. After successful completion of this exam, the graduate will be an Occupational Therapist, Registered (OTR). All students must pass the NBCOT certification examination to practice in the profession of occupational therapy. In addition to passing the NBCOT certification examination, most states require licensure to practice; however state licenses are usually based on the results of the NBCOT certification examination. A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure. 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, charges of malpractice or willful intentional misconduct, we strongly recommend that you contact NBCOT at www.nbcot.org to determine your eligibility to sit for the national examination.

Contact Information:

NBCOT
12 South Summit Avenue, Suite 100
Gaithersburg, MD 20877-4150
(301) 990-7979

General Education Requirements:

For specific requirements refer to the General Education Program.

Major Requirements: 71 hours

Professional Year I

Winter Semester

- OCTH 412 - Models of Practice 3 hrs
- OCTH 495 - Neurological Foundations of Human Occupation 3 hrs
- OCTH 500W - Philosophy of Occupational Therapy (GEWI) 3 hrs
- OCTH 522 - Foundations of Movement and Human Occupation 3 hrs

Summer Semester

- OCTH 501 - Therapeutic Relationship Skills in the Occupational Therapy Profession 2 hrs
- OCTH 502 - Theory and Analysis of Occupation 3 hrs
- OCTH 503 - Clinical and Professional Reasoning in Occupational Therapy 2 hrs

Fall Semester

- OCTH 419 - Programming I 6 hrs
- OCTH 420 - Level I Fieldwork I 3 hrs
- OCTH 540 - Research Methods I 3 hrs

Professional Year II

Winter Semester

- OCTH 516 - Level I Community Fieldwork II 3 hrs
- OCTH 519 - Programming II 6 hrs
- OCTH 686 - Culminating Project I 3 hrs

Summer Semester

- OCTH 601 - Current Issues in Occupational Therapy 1 hr
- OCTH 687 - Culminating Project II 3 hrs

Fall Semester

- OCTH 517 - Level I Community Fieldwork III 3 hrs
- OCTH 600 - Supervision and Professional Roles 3 hrs
- OCTH 619 - Programming III 6 hrs

Winter Semester

- OCTH 588 - Fieldwork Level II: Clinical Skills 6 hrs

Summer Semester

- OCTH 589 - Fieldwork Level II: Clinical Skills 6 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.

- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Dietetics Major (IDTC)

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 (AND 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 on-line and on-campus delivery methods. Through the on-line delivery method, this program is available to students who secure supervised practice experiences more than 100 miles from 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 on-line and on-campus***

programs can be found at the School of Health Sciences website. The application deadline for both the on-line and on-campus programs is January 15 for consideration for entrance into the professional phase of the program the following fall semester.

Admission Requirements

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. For more information about the Recency of Education guidelines please click here.

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 (Grade Point Average), letters of recommendation, a personal statement, notebook presentation, on-line assessment and committee input are criteria used for screening.

Continuance

Once students have been accepted into the Coordinated Program in Dietetics (CP), 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 CP curriculum and degree, students will be eligible to write 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.

School Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

College of Health and Human Services Advising Center

214 Marshall

(734) 487-0918

chhsadvising@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Prerequisites of Professional Phase

Effective with the January 2015 Application notebook cycle to the Coordinated Program in Dietetics (CP) the following prerequisite courses to the Professional Phase will be required:

Pre-Application Phase: 19 hours

The following prerequisites are to be completed prior to the January 15th CP application deadline.

- BIO 326 - Human Physiology 3 hrs **or** SPMD 269 - Anatomy and Physiology for Dietetics 3 hrs
- BIO 328 - Microbiology for Health Professions 4 hrs
- CHEM 270 - Survey of Organic Chemistry 4 hrs
- CHEM 351 - Foundations of Biochemistry 4 hrs
- DTC 108 - Careers in Nutrition and Dietetics 2 hrs
- DTC 202 - Principles of Human Nutrition 3 hrs

Pre-Admission Phase: 14-15 hours

The following prerequisite courses are to be completed prior to the start of the Professional Phase.

- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 3 hrs **or** MATH 170 - Elementary Statistics (GEQR) 3 hrs
- AHPR 200 - Medical Terminology 1 hr
- DTC 251 - Experimental Foods 4 hrs
- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs **or** EDPS 325 - Life Span Human Growth and Development 4 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 - Foodservice Systems Management I 3 hrs
- DTC 351 - Foodservice Systems Management I Experience 4 hrs
- DTC 358 - Food and Culture (GEGA) 3 hrs
- DTC 370 - Nutrition Therapy II 3 hrs
- DTC 371L - Nutrition Therapy II Experience (GELB) 4 hrs
- DTC 372 - Nutrition of the Life Cycle 3 hrs
- DTC 375 - Integrative Medicine 3 hrs
- DTC 422 - Nutrient Metabolism: Micronutrients 3 hrs
- DTC 430 - Community Nutrition 3 hrs
- DTC 431W - Community Nutrition Experience (GEWI & GELB) 4 hrs
- DTC 435 - Seminar in Dietetics 2 hrs
- DTC 450 - Foodservice Systems Management II 2 hrs
- DTC 451 - Foodservice Systems Management II Experience 4 hrs
- DTC 459 - Development of the Entrepreneurial Dietitian 3 hrs
- DTC 470 - Nutrition Therapy III 2 hr
- DTC 471 - Nutrition Therapy III 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.

Extended Programs

This program is available at an EMU off-campus location. For a list of locations, please click here.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Health Administration Major

Revised Program, effective Fall 2014

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.

An active articulation agreement exists between the Health Administration program and many community colleges, including, but not limited to the following:

Health Administration - Oakland Community College Articulation Guide (Health Care Administration)

Health Administration - Oakland Community College Articulation Guide (Other Programs)

To see a current list of community colleges with program articulation agreements with EMU, please click here.

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 (GEEC) (3 hrs)
CTAC 124 - Foundations of Speech Communication (GEEC) (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.

Graduation Requirements

To graduate from this program students will need to have an overall GPA of 2.5 in the HLAD courses. If students earn below a c- in any HLAD course they will need to repeat the course.

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:

A
Affiliated Medical of Dearborn
American Red Cross-Ann Arbor

B
Blue Care Network MI
Botsford Hospital, F. Hills
Brecon Village, Saline
Brighton Hospital

C
Chelsea Retirement Community
Children's Center-Detroit

I
IHA ,AnnArbor

K
Karmanos Cancer Institute-Detroit
Kennedy Care-Home Care- Ann Arbor

M
Masri Clinics Advanced Surgery Center
Metro Home Health Care
Michigan Heart P.C.

T
The Corner Health Center-Ypsilanti
Thomson Healthcare-Medstat
Tri-rehab, Inc.

U
University of Michigan
US Physical Therapy, Inc

V
VA Healthcare System-Ann Arbor
VA-John Dingell, Detroit

Community Residence Corporation
Community Hlth & Social Services, Detroit

D
Detroit Medical Center

E
Eaglecare, Inc.
Emanuel House-Ypsilanti
Evangelical Home-Saline

F
Fox Run Village, Inc.
Friends Who Care-Home Care

G
Gilbert Residence

H
Health Alliance Plan, Detroit
Heartland Health Care Center-Ann Arbor
Henry Ford Health System
Henry Ford Village Medical Center
Henry Ford Village, Inc
Henry Ford Wyandotte Hospital
Hope Medical Clinic
Michigan Kidney Foundation
Monroe County Health Dept.

N
Naturopathic School of Healing Arts
North Ottawa Community Health System

O
Oakland County Health
Oakland Physical Therapy, Inc.-Novi
Oakwood Healthcare System

P
Precise Home Healthcare
Providence Park Hospital

R
Reproductive Medicine Assoc. of MI
Riverside Osteopathic Hospital

S
St Joseph Health –Trinity, Ann Arbor
Silver Maples of Chelsea
Snow Health Center-Ypsilanti
St. Mary's Health Care
St. Mary's Medical Center-Livonia
Superior Woods Healthcare Center-Ypsilanti

W
Washtenaw Community Mental Health
Washenaw County Community Support & Treatment Services
Wayne State University-Kressge Eye Inst.
Wellness Homecare- Taylor
Wellsbrooke
West Hickory Haven

School Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

Program Advisors

Pamela Walsh, Ph.D.

313 Marshall Bldg.
(734) 487-2383
pwalsh@emich.edu

Robbya Green-Weir, M.S.

Rackham Bldg. 313
(734) 487-2976
rgreenwe@emich.edu

Internship Coordinator

TBA

313 Marshall Bldg.
(734) 487-4096
bmihalko@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 Aging Studies 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 advisor 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 advisor.

Additional Requirements: 13-16 hours

- BIO 105 - Introductory Biology for Non-majors (GEKN) 4 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs

One course from the following:

- MATH 118 - Linear Models and Probability (GEQR) 3 hrs
- SOCL 250 - Quantitative Applications in Sociology (GEQR) 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 (GEQR) 3 hrs
- MATH 170 - Elementary Statistics (GEQR) 3 hrs

Major Requirements: 54 hours

Required Courses in Health Administration: 41 hours

- HLAD 305 - The U.S. Health Care System 3 hrs
- HLAD 307W - Communication Effectiveness in Health Administration (GEWI) 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 488 - Internship 6 hrs
  Footnote:
  PHIL 221 or PHIL 223 may be substituted for HLAD 308
  MGMT 384 may be substituted for HLAD 312

Required Courses in Associated Health Profession: 1 hour

- AHPR 200 - Medical Terminology 1 hr

Required Courses in Business Administration and Liberal Arts: 6 hours

- ACC 240 - Principles of Financial Accounting 3 hrs
- ECON 436 - Health Economics 3 hrs

Restricted Elective Courses: 6 hours

Please pick two courses from the following:

- HLAD 200 - Introduction to Epidemiology 3 hrs
- HLAD 250 - Introduction to Public Health 3 hrs
- HLAD 313 - Health Care Quality 3 hrs
- HLAD 401 - Legal Issues in Health Care 3 hrs
- HLAD 402 - Health Policy 3 hrs
- HLAD 476 - Introduction to Healthcare Informatics 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.

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.

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 advisor 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Public Health Major

New Program, effective Winter 2014

The program in Public Health focuses on protecting and improving the health of populations – from neighborhoods to nations - through education, promotion of healthy lifestyles, and research for disease and injury prevention. Coursework covers a broad range of public health topics and a student selected "track" of interest: community health education or health administration. Students are prepared for entry level positions in public health settings or for continuing education.

School Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

Please contact the School of Health Sciences or the College of Health and Human Services Advising Center for advising

School of Health Sciences

313 Marshall Bldg
(734) 487-4096

CHHS Advising

214 Marshall Bldg
(734)487-0918
chhsadvising@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Criteria: 56 hours

Students must complete EMU's General Education requirements and meet requirements for admission. To qualify, students must have successfully completed 56 hours with a minimum cumulative grade point average of 2.5.Transfer students need to meet equivalent requirements.

Effective Communication: 6 hours

The following courses must be completed with a "C" or better. Transfer students need to meet equivalent requirements.

- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
  or WRTG 121 - Composition II: Researching the Public Experience 3 hrs

Natural Science: 7-8 hours

- BIO 105 - Introductory Biology for Non-majors (GEKN) 4 hrs
  or
- CHEM 115 - Chemistry and Society (GEKN) 3 hrs
  Only counts toward General Education credit, if taken with CHEM 116 - Chemistry and Society Laboratory 3 hrs

- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
- PSY 103 - General Psychology Laboratory (GEKN) 1 hr

Social Science: 6 hours

- SOCL 105 - Introductory Sociology (GEKS) 3 hrs
- PLSC 112 - American Government (GEKS) 3 hrs

Mathematics: 3 hours

- MATH 170 - Elementary Statistics (GEQR) 3 hrs
  Only counts toward general education credit, if student tests to this math level

Research Methods: 3 hours

- SOCL 345 - Ethnographic Methods 3 hrs

Writing Course: 3 hours

Choose one course from the following:

- WRTG 310 - Writing and Civic Literacy 3 hrs
- WRTG 225 - Writing in a Changing World 3 hrs
- WRTG 323W - Writing in the Professional World (GEWI) 3 hrs

Additional Coursework: 27-28 hours

In addition to the courses listed above, students must complete an additional 27-28 credit hours of coursework prior to admission to the Public Health Major.

Public Health Major: 55-57 hours

Core Public Health Major Requirements: 27 hours

Students may enroll in the core public health courses prior to admission

- ESSC 107 - Introduction to Environmental Science (GEGA) 3 hrs
- HLAD 200 - Introduction to Epidemiology 3 hrs
- HLAD 250 - Introduction to Public Health 3 hrs
- HLAD 305 - The U.S. Health Care System 3 hrs
- HLAD 307W - Communication Effectiveness in Health Administration (GEWI) 3 hrs
- HLED 250 - Communicable and Noncommunicable Diseases 3 hrs
- HLED 270 - Principles of Health Education 3 hrs
- HLED 495 - Health Education for Diverse Populations 3 hrs
- NURS 384 - Global Health Issues 3 hrs

Required Track: 28-30 hours

Students must be admitted to the Public Health Major prior to the beginning one of the two required tracks, Health Administration or Community Health Education

Health Administration Track: 28 hours

- HLAD 310 - Administration of Health Care Organizations 3 hrs

- HLAD 312 - Health Personnel Management and Development 3 hrs
  or
- MGMT 384 - Human Resource Management 3 hrs

- HLAD 315 - Research Methods and Data Analysis in Health Sciences 3 hrs
- HLAD 402 - Health Policy 3 hrs
- HLAD 416 - Health Planning 3 hrs

- HLAD 419 - Legal and Regulatory Issues in Health Care 4 hrs
- HLAD 488 - Internship 6 hrs
- One additional HLAD course 3 hrs (Students need to see program advisor for course options)

Community Health Education Track: 30 hours

- HLED 130 - Healthy Sexuality 3 hrs
- HLED 242 - Theoretical Foundations of Heath Behavior 3 hrs
- HLED 260 - Introduction to Community Health 3 hrs
- HLED 345 - Community Health Education Methods and Materials 3 hrs
- HLED 355 - Health Education Program Planning 3 hrs
- HLED 371 - Injury and Violence Prevention 3 hrs
- HLED 380 - Psychosocial Health and Service Learning 3 hrs
- HLED 440 - Health Education Program Evaluation 3 hrs
- HLED 490 - Drug Use and Abuse 3 hrs
- HLED 499 - Directed Study 3 hrs

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Critical Graduation Information:

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a

minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.

- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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.

Program Admission:

Students planning admission to the therapeutic recreation major must officially enroll in the program at the University Advising and Career Development 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.

School Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

David Thomas, Ed.D

363 Marshall Bldg.
(734) 487-6839
dthomas@emich.edu

General Education Requirements:

For specific requirements refer to the General Education Program.

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 (GEWI) 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.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses**

will be counted toward this requirement. A Bachelor of Arts degree requires completion of one year of college credit in a world language.

- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Minor

Aging Studies Minor

The Aging Studies 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 Aging Studies or who contemplate entering master's or doctoral programs in gerontology/Aging Studies. 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.

Advisor Information:

Andrea Gossett Zakrajsek, OTD, MS, OTRL
Director, Aging Studies Program
359 Marshall Building
734-487-3220
azakrajs@emich.edu

Required Courses: 13-14 hours

- BIO 259 - Biology of Aging 2 hrs
- AGIN 212 - Introduction to Gerontology 3 hrs
- PSY 323 - Psychology of Human Aging 3 hrs
- SOCL 311W - Aging and the Life Course (GEWI) 3 hrs

One course from the following:

- * AGIN 488 - Gerontology Practicum 2 hrs
- * AGIN 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
- AGIN 219 - Around the World in 80 Years: Adult Development Across Culture (GEGA) 3 hrs
- AGIN 497 - Independent Study 1 hr
- AGIN 498 - Independent Study 2 hrs
- AGIN 499 - Independent Study 3 hrs
- AGIN 509 - Older Adults and Chemical Dependency 1 hr
- AGIN 511 - Elders and Their Families 2 hrs
- AGIN 513 - Intergenerational Programs and Services 2 hrs
- AGIN 515 - Sexuality and Aging 1 hr
- AGIN 516 - The Elderly and the Law 1 hr
- AGIN 517 - Developing Funding Proposals for Aging Programs 2 hrs
- AGIN 518 - Introduction to Alzheimer's and Related Dementia 2 hrs
- AGIN 523 - Designing Programs for People with Dementia 2 hrs

- AGIN 524 - Families and Dementia 2 hrs
- AGIN 526 - Behaviors in Dementia 2 hrs
- AGIN 528 - Advanced Issues in Dementia Care 2 hrs
- AGIN 532 - Aging Through the Eyes of the Old 2 hrs
- AGIN 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
  or
- WGST 413 - Women and Aging 3 hrs

- SWRK 420 - Working with Aging People 3 hrs
- THRC 310 - Leisure and Aging 3 hrs

Minor Total: 20-22 hours

Note:

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.

- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Health Administration Minor

School Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

Pamela Walsh, Ph.D.	**Robbya Green-Weir, M.S.**
313 Marshall Bldg. (734) 487-2383 pwalsh@emich.edu	Rackham Bldg. (734) 487-2976 rgreenwe@emich.edu

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:

- AFC 351 - The Social Context of African American Health (GEKS) 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above.*** **Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

Lydia Kret, RD

339 Marshall Bldg.
(737) 487-7862
lkret@emich.edu

Required Courses: 15 hours

- 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 302 - Nutrient Metabolism: Macronutrients 3 hrs
- DTC 372 - Nutrition of the Life Cycle 3 hrs
- DTC 422 - Nutrient Metabolism: Micronutrients 3 hrs
- DTC 430 - Community Nutrition 3 hrs

Restricted Electives Courses: 5 hours

Five hours from the following:

- DTC 108 - Careers in Nutrition and Dietetics 2 hrs
- DTC 251 - Experimental Foods 4 hrs

- DTC 358 - Food and Culture (GEGA) 3 hrs
- DTC 375 - Integrative Medicine 3 hrs

Minor Total: 20 hours

Note:

All minors must have at least six hours of course work at the 300-level or above.

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In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

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

Certificate

Health Informatics Certificate

Revised Certificate Program, effective Fall 2014

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 Information:

School of Health Sciences - College of Health and Human Services

Colleen Croxall, Ph.D. School Director

313 Marshall Bldg
(734) 487-4096
ccroxall@emich.edu

School Website

Advisor Information:

College of Health and Human Services Advising Center

214 Marshall

(734) 487-0918

chhsadvising@emich.edu

Required Courses: 12 hours

- HLAD 476 - Introduction to Healthcare Informatics 3 hrs

Choose a track: 9 hours

CIS Track:

- IS 215 - Information Systems for Business 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 200 - Introduction to Epidemiology 3 hrs
- HLAD 250 - Introduction to Public Health 3 hrs
- HLAD 311 - Management of Health Services 3 hrs
- HLAD 313 - Health Care Quality 3 hrs
- HLAD 315 - Research Methods and Data Analysis in Health Sciences 3 hrs
- HLAD 401 - Legal Issues in Health Care 3 hrs
- HLAD 402 - Health Policy 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

Certificate Total: 18 hours

Critical Graduation Information:

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- Earn a minimum of 30 credits from courses taken at EMU.
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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 (GEWI)

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.
Writing Intensive:

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 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 the past, present, future trends. Ethics and evidenced-based practice are also emphasized.

Credit Hours: 2 hrs
Class Restrictions: All Undergraduates
Previously Listed As: DTC301, therefore students could not earn credit for both DTC108 and DTC301
Last Updated: Course Description Change 5/2013, effective Winter 2014

DTC 120 - TRANSFORM-U

This course provides a multi-modality approach to managing weight by implementing lifestyle changes. Students will acquire knowledge regarding the science of weight management, in addition to discovering how to monitor and assess intake and activity. Students will additionally become aware of the impact of lifestyle, relationships, attitudes, and the environment on weight management.

Credit Hours: 3 hrs
Repeatable for Credit: No
Last Updated: new course 5/2013. effective Winter 2014

DTC 155 - Fundamentals of Healthy Lifestyles

A study of current nutrition, fitness, and other lifestyle strategies to promote health living. Students will examine their own health and wellness status, learn to choose healthful behaviors, becomes familiar with resources, and develop skills and habits that will support a health lifestyle now and in the future.

Credit Hours: 2 hrs
Class Restrictions: All Undergraduates
Last Updated: Course Description change 5/2013, effective Winter 2014

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 digestion, absorption, metabolism and functions of nutrients in health and disease. Application of principles of medical nutrition therapy in the provision of case to clients in acute/long-term/ and ambulatory care settings.

Credit Hours: 3 hrs
Prerequisite: (CHEM 120 or CHEM 121) and CHEM 122, grade of C or better
Concurrent Prerequisite: BIO 252 or BIO 326 or SPMD 202 or SPMD 269
Class Restrictions: All Undergraduates
Last Updated: Changes to Course Description, prerequisites and co-requisites 5/2013, effective Winter 2014 ; Links 04/2011

DTC 204 - Sports Nutrition

Study of the digestion, absorption, metabolism and functions of nutrients directly related to physical performance. Emphasis is placed on nutritional knowledge and practice specific to athletic training and exercise science.

Credit Hours: 3 hrs
Prerequisite: (CHEM 120 or CHEM 121) and CHEM 122, grade of C or better; and (BIO 252 or BIO 326 or SPMD 202 or SPMD 269)
Class Restrictions: All Undergraduates
Major Restrictions: This course is restricted to students in the Exercise Science Major and Athletic Training Major programs
Last Updated: Changes to Courses Description and Prerequisites 5/2013, effective Winter 2014; Links 04/2011

DTC 251 - Experimental Foods

Students will acquire knowledge in the principles of food science, techniques of food preparation, evaluation, and modification of recipes. This will be accomplished through experiments involving recipes and their ingredients.

Credit Hours: 4 hrs
Prerequisite: CHEM 121 and CHEM 122 and BIO 328
Class Restrictions: All Undergraduates
Last Updated: Course Description Change 5/2013, effective Winter 2014; Links 04/2011

DTC 258 - American Regional Foods (GEKS)

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
Knowledge of the Disciplines:
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

The biochemical and metabolic processing of dietary carbohydrates, fats and proteins, as well as their functions within the human body. Emphasis is on the biochemical reactions involved in nutrient digestion, absorption and metabolism, including their relationships to nutrition status, human heath and disease.

Credit Hours: 3 hrs
Prerequisite: DTC 202, grade C or Better; CHEM 351, grade C or Better; and department permission
Class Restrictions: All Undergraduates
Last Updated: Change to Course Description and Prerequisites 5/2013, effective Winter 2014; Links 04/2011

DTC 330 - Nutrition Therapy I

Students receive the first in a series of didactic instructions related to various disease states and means of medical nutrition therapy. Learning activities are coordinated to prepare students for professional practice with patients/clients and implementation of nutrition interventions as defined in the Nutrition Care Process.

Credit Hours: 3 hrs
Prerequisite: DTC 202 and CHEM 351 and department permission
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Only students in the Dietetics Major (IDTC) and M.S. in Dietetics Programs may enroll in this course.
Last Updated: Change to Course Description and Major Restrictions 5/2013, effective Winter 2014; 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 ADIME charting system.

Credit Hours: 2 hrs
Prerequisite: DTC 202, CHEM 351, (BIO 326 or BIO 252 or SPMD 202 or SPMD 269), and department permission
Corequisites: DTC 330
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Only students in the Dietetics Major (IDTC) program may enroll in this course.
Last Updated: Change to Description, Prerequisites and corequisites 5/2013, effective Winter 2014; Links 04/2011

DTC 350 - Foodservice Systems Management I

Introduction to foodservice systems management with emphasis on systems theory, menu planning, sanitation and safety, procurement, production, distribution, communications, and personnel and financial management. Customer satisfaction and marketing are also emphasized. Students will us problem-based learning to apply systems theory.

Credit Hours: 3 hrs
Prerequisite: DTC 251 and department permission
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Only students in Dietetics Major (IDTC) and M.S. in Dietetics Programs can enroll in this course
Previously Listed As: Food Systems Management I
Last Updated: Change to Course Title and Description 5/2013, effective Winter 2014; Links 04/2011

DTC 351 - Foodservice Systems Management I Experience

Supervised practice experiences related to foodservice systems management including procurement, food production and distribution, management techniques, utilization of resources, and customer satisfaction. Students also become certified in food safety.

Credit Hours: 4 hrs
Prerequisite: DTC 251 and department permission
Corequisites: DTC 350
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Only Dietetics Major (IDTC) Students may enroll in this course.
Previously Listed As: Food Systems Management I Experience
Last Updated: Change to Course Title and Description 5/2013, effective Winter 2014; Links 04/2011

DTC 358 - Food and Culture (GEGA)

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
Perspectives on a Diverse World:
This course addresses many global issues such as fair trade, agriculture, religion, cultural intolerances and social dynamics that influcence 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 commerical 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.
Last Updated: *

DTC 370 - Nutrition Therapy II

Students receive the second in a series of didactic instructions related to various diseases states and means of medical nutrition therapy. Learning activities are coordinated to prepare students for professional practice with patients/clients and implementation of nutrition interventions as defined in the Nutrition Care Process.

Credit Hours: 3 hrs
Prerequisite: DTC 330 and department permission
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Only students in Dietetics Major (IDTC) and M.S. in Dietetics Programs may enroll in this course.
Last Updated: Change to Course Description 5/2013, effective Winter 2014; Links 04/2011

DTC 371L - Nutrition Therapy II Experience (GELB)

Supervised Clinical and ambulatory site based practice experiences.

Credit Hours: 4 hrs
Prerequisite: DTC 330, DTC 331, and department permission
Corequisites: DTC 370
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Only Dietetics Major (IDTC) Students may enroll in this course.
Last Updated: Change to Course Description 5/2013, effective Winter 2014; Gen Ed Approval 11/2011, effective Fall 2011; Links 04/2011

DTC 372 - Nutrition of the Life Cycle

Emphasis on evidence-based nutrient needs, cultural diversity, and health needs for each of the physiological stages of the life cycle in populations, groups, and individuals.

Credit Hours: 3 hrs
Prerequisite: DTC 202 or DTC 203 or DTC 204; and department permission
Class Restrictions: Sophomore and above, and Second Bacc.
Last Updated: Change to Course Description, effective Winter 2014; Links 04/2011

DTC 375 - Integrative Medicine

This course provides students with an overview of current complementary medicine techniques applied to an integrative medicine framework.

Credit Hours: 3 hrs
Prerequisite: DTC 202, DTC 203 or DTC 204; Grade of C or Better in each course.
Class Restrictions: Junior, Senior, & Second Bacc.
Major Restrictions: None
Previously Listed As: Complementary and Alternative Medicine
Last Updated: Change to Title and Course Description 1/2014, effective Summer 2014; 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

The role of vitamins and minerals in biochemical pathways. Students will examine their role(s) in energy producing pathways, in deficiencies, and disease states. Students will examine the toxic effects of consuming excess vitamins and minerals. They will analyze current scientific information and critically evaluate nutrition information.

Credit Hours: 3 hrs
Prerequisite: DTC 302; department permission
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Only students in the Dietetics Major (IDTC) and M.S. in Dietetics programs can enroll in this course.
Last Updated: Change to Course Description 5/2013, effective Winter 2014; Links 04/2011

DTC 430 - Community Nutrition

The focus of this course is on community-based nutrition policies and programs and nutrition education. Students will examine federal, state, and local nutrition programs, as well as plan a nutrition education program.

Credit Hours: 3 hrs

Prerequisite: DTC 202, Grade C or better and Department Permission
Class Restrictions: Junior, Senior, Second Bacc.
Previously Listed As: Nutrition Therapy III
Last Updated: Course title and description change 5/2013, effective Winter 2014; Links 04/2011

DTC 431W - Community Nutrition Experience (GEWI & GELB)

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. This course meets the university requirement for a writing intensive course.

Credit Hours: 4 hrs
Corequisites: DTC 430
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Only Students in the Dietetics Major (IDTC) program may enroll in this course.
Notes: department permission
Previously Listed As: DTC 431L
Writing Intensive:
This course is offered as a part of the General Education Program and satisfies the Writing Intensive requirement **and** Learning Beyond the Classroom), Group 2, Option VI.

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.
Learning Beyond the Classroom:

This course is offered as a part of the General Education Program and satisfies the Writing Intensive requirement **and** Learning Beyond the Classroom), Group 2, Option VI.
Last Updated: Course Title and Description Change 5/2013, effective Winter 2014; 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 - Foodservice Systems Management II

Advanced topics in foodservice systems management including leadership, development of employees. accountability, budgeting, financial management, information management and managing change. Students will prepare a professional portfolio.

Credit Hours: 2 hrs
Prerequisite: DTC 350, DTC 351 and department permission
Class Restrictions: Senior, Second Bacc
Major Restrictions: Only students in Dietetics Major (IDTC) and MS in Dietetics programs may enroll in this course.
Graduate Credit: Not Approved for Graduate Credit
Previously Listed As: Food Systems Management II
Last Updated: Change to Course Title and Description 5/2013, effective Winter 2014; Links 04/2011

DTC 451 - Foodservice Systems Management II Experience

Supervised practice experience that include documentation of competencies related to advanced topics in food service systems management. Students plan, implement, and evaluate projects including a theme meal, employee training and a quality improvement project. Presentations are completed.

Credit Hours: 4 hrs
Prerequisite: DTC 350, DTC 351 and department permission
Corequisites: DTC 450
Class Restrictions: Senior and Second Bacc.
Major Restrictions: Only Dietetics Major (IDTC) students may enroll in this course.
Previously Listed As: Food Systems Management II Experience
Last Updated: Spelling Error 7/2014, Change to Title and Course Description 5/2013, effective Winter 2014; Links 04/2011

DTC 459 - Development of the 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.

Credit Hours: 3 hrs
Prerequisite: DTC 108, DTC 202 and department permission
Class Restrictions: Junior, Senior and Second Bacc
Major Restrictions: Dietetics Major (IDTC) Students Only
Previously Listed As: Development of Entrepreneurial Dietitian
Last Updated: Change in Title, Major and Class Restrictions 5/2013, effective Winter 2014; Links 04/2011

DTC 470 - Nutrition Therapy III

Students receive the final installment in a series of didactic instructions related to various disease states and means of medical nutrition therapy. Learning activities are coordinated to prepare students for professional practice with patients/clients and implementation of nutrition interventions as defined in the Nutrition Care Process.

Credit Hours: 2 hr
Prerequisite: DTC 370 and department permission
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Dietetics Major (IDTC) and MS in Dietetics students only
Previously Listed As: Nutrition Therapy IV
Last Updated: Change to title, description and prerequisites 5/2013, effective Winter 2014; Links 04/2011

DTC 471 - Nutrition Therapy III Experience

Students complete a culminating supervised practice learning experience in a clinical setting to nutritionally assess, diagnose, monitor, and evaluate patients with complex medical/surgical conditions.

Credit Hours: 4 hrs
Prerequisite: DTC 371L
Corequisites: DTC 470
Class Restrictions: Senior and Second Bachelor
Major Restrictions: Dietetics Major (IDTC) only
Previously Listed As: Nutrition Therapy IV Experience
Last Updated: Title and Prerequsite change 5/2013, effective Winter 2014; 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

Aging Studies

AGIN 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
Previously Listed As: GERT 177
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 178
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 179
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 212
Last Updated: Create under 07/2014; Prefix change 01/2013; Course Description Change 10/2011, effective Winter 2012; Links 06/2011

AGIN 219 - Around the World in 80 Years: Adult Development Across Culture (GEGA)

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 addressed, particularly the social, economic, political and policy consequences.

Credit Hours: 3 hrs
Cross-Listed with: SOCL 219
Previously Listed As: GERT 219
Perspectives on a Diverse World:
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 again population, as well as aging individuals, offers a lens for considering the diversities and commonalities of societies around the world. Through the study of again issues of global relations, social justice and empowerment will be addressed, particularly the social, economic, political and policy consequences.
Last Updated: Create under 07/2014; Prefix change 01/2013; Links 04/2011

AGIN 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
Previously Listed As: GERT 277
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 278
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 279
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 377
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 378
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 379
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 417
Last Updated: Create under 07/2014; Prefix change 01/2013; Graduate Credit 07/2011; 06/2011

AGIN 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
Previously Listed As: GERT 466
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 477
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 478
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 479
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 488
Last Updated: Create under 07/2014; Prefix change 01/2013; Title and Description Change 12/2011, effective Winter 2012; Graduate Credit 07/2011; 06/2011

AGIN 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.
Previously Listed As: GERT 489

Last Updated: Create under 07/2014; Prefix change 01/2013; Title and Description Change 12/2011, effective Winter 2012; Graduate Credit 07/2011; 06/2011

AGIN 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
Previously Listed As: GERT 497
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 498
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 499
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 509
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 511
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 513
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 515
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 516
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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
Previously Listed As: GERT 517
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.

Previously Listed As: GERT 518
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 523
Last Updated: Create under 07/2014; Prefix chagnge 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 524
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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 disussed to develop interventions for target behaviors and implementation of person-centered treatment plans.

Credit Hours: 2 hrs
Previously Listed As: GERT 526
Last Updated: Create under 07/2014; Prefix change 01/2013; 07/2011

AGIN 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.
Previously Listed As: GERT 528
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 532
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

AGIN 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.
Previously Listed As: GERT 590
Last Updated: Create under 07/2014; Prefix change 01/2013; 06/2011

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 200 - Introduction to Epidemiology

Epidemiology is the study of the distribution of determinants and antecedents of health and disease in human populations. The introductory course will examine the key concepts, contextual factors, and application of epidemiology in public health and across the health professions. Drawing from current public health issues and examples, the course is designed to provide students with a foundation for understanding the basic methods and tools used by epidemiologists to study the health populations.

Credit Hours: 3 hrs
Prerequisite: C or Better in MATH 105
Class Restrictions: Undergraduates Sophomore and above
Last Updated: New Course 5/2013. effective Winter 2014

HLAD 250 - Introduction to Public Health

This course will survey public health organizations, services, and the philosophical, legal and ethical implications 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
Last Updated: Minor Edit 12/2013

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 (GEWI)

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
Major Restrictions: Health Administration Major and Intent
Writing Intensive:

Last Updated: Coreq removed 7/2013, effective Winter 2014; 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 313 - Health Care Quality

This course addresses the basic issues associated with the implementation and application of quality management and improvements specific to health care. Basic statistical principles and illustrative case studies are presented.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** HLAD 305 and HLAD 310
Class Restrictions: Junior, Senior, and Second Bacc.
Major Restrictions: Health Administration Major
Last Updated: New Course 2/2014, effective Fall 2014

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 (GEGA)

This interdisciplinary course examines connections between poverty, human rights and health, focusing on how social/political structures and public polices 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
Perspectives on a Diverse World:
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 pvoerty and limit the opportuniites 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

Repeatable for Credit: No
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 307W and HLAD 310
Last Updated: Prereq change 7/2013 effective Winter 2014; 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 307W, HLAD 310, and ACC 240
Last Updated: prereq change 7/2013, effective Winter 2014; 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
Repeatable for Credit: No**Prerequisite:** HLAD 307W and HLAD 310
Class Restrictions: Junior standing or higher
Last Updated: prereq change 7/2013, effective Winter 2014; 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 307W and HLAD 310
Last Updated: prereq change 7/2013, effective Winter 2014; 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 307W, HLAD 310, and HLAD 420
Last Updated: prereq change 7/2013, effective Winter 2014; 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 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
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 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
Notes: Academic Service Learning Course (Winter 2015, CRN: 24851).
Last Updated: Course Note 12/2014

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 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 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

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 (GEWI)

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
Writing Intensive:

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 BSN Nursing Program at Eastern Michigan University:

B.S.N. for students who are NOT already Registered Nurses and wish to obtain a Baccalaureate Degree in Nursing. Major Code: NUR.

B.S.N. Completion - 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. Major Code: NURC

B.S.N. Second Degree - 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. Major Code: NURB

School Information:

School of Nursing - College of Health and Human Services

Michael L. Williams, Ph.D., RN, CCRN, CNE, School Director

346 Marshall
(734) 487-2310
michael.williams@emich.edu

School Website

Advisor Information:

College of Health and Human Services Advising Center

214 Marshall

(734) 487-0918

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B.S.N. Program

The BSN program at EMU requires a separate application and admission process apart from being admitted to the university. While students may be admitted to the University as a Nursing Intent student (Major Code: INUR), admission to the BSN program is not guaranteed. Admission to the BSN program is highly competitive.

Admission Requirements:

Applicants are considered for selection into the BSN Program upon completion of the following pre-admission courses and submission of official transcripts from all other colleges and universities. TOEFL scores are required if English is a second language (to meet university requirements). It is the responsibility of the applicant to assure that all materials have been submitted to the School of Nursing by the application deadline date.

The following pre-requisite courses (or transfer equivalencies) are required for application to the BSN program:

- Course in Quantitative Reasoning (to meet university requirements) click here for course options.
- CHEM 120 - Fundamentals of Organic and Biochemistry (GEKN) 4 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- PSY 101 - General Psychology Lecture (GEKN) 3 hrs

- SOCL 105 - Introductory Sociology (GEKS) 3 hrs
  or
- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs

- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs
  or
- EDPS 325 - Life Span Human Growth and Development 4 hrs

- 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

Important Notes:

- A minimum cumulative GPA of 3.0 or better in the pre-requisite courses is required.
- Any transferred chemistry, anatomy, or physiology course must be a "B" grade or better and equivalent to EMU courses.
- Chemistry, anatomy, or physiology courses older than 10 years are not accepted.
- If chemistry, anatomy or physiology courses are re-taken, the grades from the first two attempts only are used to calculate the GPA.
- ATI-TEAS may be re-taken only twice per calendar year.

Note: effective Fall 2015, students will not be required to earn a "B" grade or better in transferred chemistry anatomy, or physiology courses

Recommended:
NURS 110 - Introduction to Professional Nursing is recommended and does count toward points for admission to the program. This course introduces the concepts of professional nursing practice and assists in preparing students for the rigor of the undergraduate BSN 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 (734.487.0918) for details on transfer equivalencies.

Application Process:

Admission to the BSN program is highly competitive. Prospective students should first attend a School of Nursing "Information Session for Nursing Intents to learn about the BSN program application process. The schedule of information sessions is available online at www.emich.edu/nursing under the events calendar.

After attending an information session, please contact the College of Health and Human Services Advising Office at 734.487.0918 prior to schedule an appointment for advising about the BSN program.

Applications for the BSN Program are due annually on May 15th by 5:00 pm in the School of Nursing office (311 Marshall). Applications are reviewed and students are notified in June about their acceptance into the BSN program. Students start classes in the following Fall semester. EMU School of Nursing does not maintain a waiting list. Students who are not admitted one year may apply subsequently, but will be ranked based on the applicant pool at that time.

Each application is carefully reviewed and assigned points based on the following criteria:

Criteria	**Maximum Possible Points**
Calculated Pre-Requisite GPA multiplied by 75	300
Calculated Science GPA multiplied by 25	100
EMU Points (2 points for each credit hour of the 8-pre-requisite courses taken at EMU)	58
ATI TEAS Scores (5 points possible per category)	20
6 Months or More of Health Care Work Experience	15
Math or English Waiver (ACT/SAT/CLEP) (3 points for each waiver awarded if granted)	(6)
Successful completion of NURS 110	7
Total Possible Points:	500

Following the point calculations, applicants are ranked from highest to lowest points. The top ranked students are then offered admission into the BSN program based on available space. In order to complete the admission to the BSN program, students must submit and successfully pass a criminal background check, physical examination, and drug screen. Failure to pass the criminal background check, physical examination, drug screen or completion of required paperwork may result in revocation of the admission offer.

General Education Requirements:

For specific requirements refer to the General Education Program.

Program Requirements:

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. Specific program requirements (including failures within courses and dismissal from the program) are included in the BSN Student Handbook located on the EMU School of Nursing website.

Other Program Requirements:
Prior to taking the 300-level nursing courses, students must successfully complete:
DTC 203 - Nutrition for Health Professionals 3 hrs
and
either BIO 328 - Microbiology for Health Professions 3 hrs or CLSC 432 - Clinical Microbiology 3 hrs
Nursing courses must be taken in the sequence specified by the School of 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 required to follow University and agency policies for professional appearance, compliance with agency policies, and purchase of necessary equipment to perform his/her role. Students are also expected to provide their own transportation to clinical agencies.

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. See BSN Student Handbook on the EMU School of Nursing website.

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 (GEWI) 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 Fee

Please see the Student Business Services website (www.emich.edu/sbs/programfeesoutline.php) for possible course & program fees associated with this program.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Nursing Major - B.S.N. Completion

Revised Program, effective Fall 2014

The Nursing Program is accredited by the Commission on Collegiate Nursing Education. An active articulation agreement exists between the BSN Completion program and many community colleges, including, but not limited to the following:

Nursing (BSN Completion) - Grand Rapids Community College

Nursing (BSN Completion) - North Central Michigan College Articulation Guide

To see a current list of community colleges with program articulation agreements with EMU, please click here.

There are three options within the undergraduate BSN Nursing Program at Eastern Michigan University:

B.S.N. for students who are NOT already Registered Nurses and wish to obtain a Baccalaureate Degree in Nursing. Major Code: NUR

B.S.N. Completion. - 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. Major Code: NURC

B.S.N. Second Degree - 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. Major Code: NURB

School Information:

School of Nursing - College of Health and Human Services

Michael L. Williams, Ph.D., RN, CCRN, CNE, School Director

346 Marshall
(734) 487-2310
michael.williams@emich.edu

School Website

Advisor Information:

For advisor information, choose your desired location or contact 734.487.0407 or extended.programs@emich.edu

B.S.N. Completion Program

The BSN Completion program at EMU requires a separate application and admission process. While students may be admitted to the University as a Nursing Intent student (Major Code: INRC), admission to the BSN Completion program is not guaranteed.

General Education Requirements:

For specific requirements refer to the General Education Program.

Admission Requirements:

Applicants are considered for selection into the BSN Completion Program based on the following criteria:

- Hold a current unrestricted license to practice as a Registered Nurse.
- A 2.5 or better cumulative college G.P.A (4.0 scale)
- Successful completion of a college level course in English composition with a minimum course grade of 3.0 (4.0 scale) or higher prior to entry into the program.
  Successful completion of the TOEFL or MELAB scores to meet EMU requirements if English is a second language.

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 (734.487.0918) for details on transfer equivalencies. A minimum grade of C must be earned in the following courses (or the courses accepted as equivalent or replacement for the following courses):

- All courses with NURS prefix
- BIO 328
- College level chemistry course (100 level or higher)
- DTC 203
- EDPS 325 or IHHS 260
- ANTH 135 or SOCL 105
- SPMD 201/202 or BIO 251/252

Application Process:

Applicants must:

- Apply to Eastern Michigan University. Consult with the EMU Office of Admissions regarding application forms, procedures, requirements and deadlines. Admission to the university takes an average of 2-3 weeks.
- Submit official transcripts from each educational institution you have attended so your EMU admission application can be processed.
- After admission to the university and receipt of your EID (student number), submit a separate application to the EMU School of Nursing for the RN/BSN Completion Program. The application can be found on the EMU School of Nursing website. Please include a $30.00 non-refundable check with your application. The check should be made out to EMU School of Nursing RN/BSN Program.
- Designation on application of first and second choices for site preference for coursework.

Note: Priority for admission to the RN/BSN Completion program will be given to those applicants who have completed general education requirements at EMU or are MACRAO satisfied from their community college.
*Applicants who hold a RN license and a bachelor's degree in another discipline who are seeking admission to the RN/BSN Completion Program must also meet with the EMU Second-Degree Advisor in addition to the above requirements (734-487-7121).

Effective winter 2015, students applying for the BSN Completion Program must have satisfied the Michigan Transfer Agreement, the MACRAO agreement, or have completed all EMU general education requirements before beginning the nursing courses.

Application deadline dates and starting dates of courses vary according to the site (see EMU School of Nursing website for options in site locations).

Additional Requirements: 27-31 hours

- BIO 328 - Microbiology for Health Professions 4 hrs
- Any 100 level or higher Chemistry course 3-4 hrs
- IHHS 200 - Reading and Writing in Nursing Studies 3 hrs
- DTC 203 - Nutrition for Health Professionals 3 hrs
- PSY 101 - General Psychology Lecture (GEKN) 3 hrs
  Please be aware that 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.

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 (GEGA & GEKS) 3 hrs
  or
- SOCL 105 - Introductory Sociology (GEKS) 3 hrs

One of the following two course sequences:

Sports Medicine Sequence

- SPMD 201 - Human Anatomy for Sports Medicine 3 hrs
  and
- SPMD 202 - Human Physiology for Sports Medicine 3 hrs

Biology Sequence

- 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 265 - R.N. Essentials of Professional Nursing Practice I 3 hrs
- NURS 270 - Pharmacology 3 hrs
- NURS 365 - R.N. Essentials of Professional Nursing Practice II 3 hrs
- NURS 372 - Nursing Research 2 hrs
- NURS 450 - Community Health Nursing 2 hrs
- NURS 451 - Community Health Nursing Clinical 3 hrs
- NURS 465 - R.N. Essentials of Professional Nursing Practice III 3 hrs

Restrictive Elective Courses: 5 hours

- *Five hours in nursing*

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

Program Total:

Students must earn a minimum total of 124 credits at the 100-level or above.

Program Fee

Please see the Student Business Services website (www.emich.edu/sbs/programfeesoutline.php) for possible course & program fees associated with this program.

Extended Programs

This program is available at an EMU off-campus location. For a list of locations, please click here.

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.

- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Nursing Major - B.S.N. Second Degree

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 BSN Nursing Program at Eastern Michigan University:
B.S.N. for students who are NOT already Registered Nurses and wish to obtain a Baccalaureate Degree in Nursing. Major Code: NUR
B.S.N. Completion- 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. Major Code: NURC
B.S.N. Second Degree- 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. Major Code: NURB

School Information:

School of Nursing - College of Health and Human Services

Michael L. Williams, Ph.D., RN, CCRN, CNE, School Director

346 Marshall
(734) 487-2310
michael.williams@emich.edu

School Website

Advisor Information:

College of Health and Human Services Advising Center

214 Marshall

(734) 487-0918

chhsadvising@emich.edu

B.S.N. Second Degree Program

The BSN Second Degree program at EMU requires a separate application and admission process apart from being admitted to the university. While students may be admitted to the University as a Nursing Intent student (Major Code: INUR), admission to the BSN Second Degree program is not guaranteed. Admission to the BSN Second Degree program is highly competitive.

Admission Requirements:

Applicants are considered for selection into the BSN Program upon completion of the following pre-admission courses and submission of official transcripts from all other colleges and universities. TOEFL scores are required if English is a second language (to meet university requirement). It is the responsibility of the applicant to assure that all materials have been submitted to the School of Nursing by the application deadline date.

The following pre-requisite courses (or transfer equivalencies) are required for application to the BSN program:

- Course in Quantitative Reasoning (to meet university requirements) Click here for course options. .
- CHEM 120 - Fundamentals of Organic and Biochemistry (GEKN) 4 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- PSY 101 - General Psychology Lecture (GEKN) 3 hrs

- SOCL 105 - Introductory Sociology (GEKS) 3 hrs
  or
- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs

- IHHS 260 - Aging to Infancy: A Life Course Retrospective 3 hrs
  or
- EDPS 325 - Life Span Human Growth and Development 4 hrs

- 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

Important Notes:

- A minimum cumulative GPA of 3.0 or better in the pre-requisite courses is required.
- Any transferred chemistry, anatomy, or physiology course must be a "B" grade or better and equivalent to EMU courses.
- Chemistry, anatomy or physiology courses older than 10 years are not accepted.
- If chemistry, anatomy or physiology courses are re-taken, the grades from the first two attempts only are used to calculate the GPA.
- ATI-TEAS may be re-taken only twice per calendar year.

Note: effective Fall 2015, students will not be required to earn a "B" grade or better in transferred chemistry anatomy, or physiology courses

Recommended:
NURS 110 - Introduction to Professional Nursing is recommended and does count toward points for admission to the program.

This course introduces the concepts of professional nursing practice and assists in preparing students for the rigor of the undergraduate BSN 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 (734.487.0918) for details on transfer equivalencies.

Application Process:

Admission to the BSN program is highly competitive. Prospective students should first attend a School of Nursing "Information Session for Nursing Intents to learn about the BSN program application process. The schedule of information sessions is available online at www.emich.edu/nursing under the events calendar.

After attending an information session, please contact the College of Health and Human Services Advising Office at 734.487.0918 prior to schedule an appointment for advising about the BSN program.

Applications for the BSN Program are **due** annually on **May 15th by 5:00 pm** in the School of Nursing office (311 Marshall). Applications are reviewed and students are notified in June about their acceptance into the BSN program. Students start classes in the following Fall semester. EMU School of Nursing does not maintain a waiting list. Students who are not admitted one year may apply subsequently, but will be ranked based on the applicant pool at that time.

Each application is carefully reviewed and assigned points based on the following criteria:

Criteria	**Maximum Possible Points**
Calculated Pre-Requisite GPA multiplied by 75	300
Calculated Science GPA multiplied by 25	100
EMU Points (2 points for each credit hour of the 8-pre-requisite courses taken at EMU)	58
ATI TEAS Scores (5 points possible per category)	20
6 Months or More of Health Care Work Experience	15
Math or English Waiver (ACT/SAT/CLEP) (3 points for each waiver awarded if granted)	(6)
Successful completion of NURS 110	7
Total Possible Points:	500

Following the point calculations, applicants are ranked from highest to lowest points. The top ranked students are then offered admission into the BSN program based on available space. In order to complete the admission to the BSN program, students must submit and successfully pass a criminal background check, physical examination, and drug screen. Failure to pass the criminal background check, physical examination, drug screen or completion of required paperwork may result in revocation of the admission offer.

Program Requirements:

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. Specific program requirements (including failures within courses and dismissal from the program) are included in the BSN Student Handbook located on the EMU School of Nursing website.

Other Program Requirements:

Prior to taking the 300-level nursing courses, students must successfully complete:
DTC 203 - Nutrition for Health Professionals 3 hrs and either BIO 328 - Microbiology for Health Professions 3 hrs or CLSC 432 - Clinical Microbiology 3 hrs

Nursing courses must be taken in the sequence specified by the School of 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 required to follow University and agency policies for professional appearance, compliance with agency policies, and purchase of necessary equipment to perform his/her role. Students are also expected to provide their own transportation to clinical agencies.

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.

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 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 (GEWI) 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.

Program Fee

Please see the Student Business Services website (www.emich.edu/sbs/programfeesoutline.php) for possible course & program fees associated with this program.

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 265 or NURS 275
Last Updated: Change to Corequisite 12/2013, effective Summer 2014; 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 265 - R.N. 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
Repeatable for Credit: No**Prerequisite:** IHHS 200 with a B- or better
Corequisites: NURS 220
Class Restrictions: All undergraduates
Major Restrictions: Nursing Major - B.S.N. Completion
Equivalent Courses: NURS 275 - Essentials of Professional Nursing Practice I
Last Updated: New Course 12/2013, effective Summer 2014

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 Major - B.S.N. Second Degree and Nursing Major
Equivalent Courses: NURS 265 - R.N. Essentials of Professional Nursing Practice I
Last Updated: Change to Major Restriction 12/2013, effective Summer 2014; 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 365 - R.N. Essentials of Professional Nursing Practice II

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
Repeatable for Credit: No**Prerequisite:** NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260,NURS 265, and NURS 270
Major Restrictions: Nursing Major - B.S.N. Completion
Equivalent Courses: NURS 375W
Course Revisions: Effective Winter 2015, the following revision will be made to this course, **1)** number change from "365" to "365W"

Writing Intensive:
Effective Winter 2015, this course is approved for Writing Intensive, students enrolled in the course during the Fall 2014 semester will receive Writing Intensive credit after successfully completing the course.
Last Updated: Approved for GEWI 6/2014, effective Winter 2015; New Course 12/2013, effective Summer 2014

NURS 369 - Essentials of Poster, Podium & APA Paper Presentations

This course is designed to assist students in preparing a podium or poster presentation for professional presentation. This class will take the student from the point of writing an abstract, preparing an outline to formulating a podium or poster presentation for a variety of forums.

Credit Hours: 3 hrs
Repeatable for Credit: No
Last Updated: New Course 1/2013, effective Summer 2013

NURS 371 - Issues in Men's Health

Issue's in Men's Health focuses on health issues of men across the lifespan. Biological, sociocultural, and environmental influences on men's health will be explored. Emphasis will be placed on analyzing and developing health promotion and disease prevention strategies for men.

Credit Hours: 3 hrs
Last Updated: New Course 2/2013, effective Summer 2013

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 373 - Introduction to Healthcare Quality Improvement

This course is designed to introduce the concepts of quality improvement in nursing care to students. General principles of quality improvement with exposure to several quality improvement models with be explored. Students will also be allowed to explore quality improvement initiatives within a heathcare facility.

Credit Hours: 2 hrs
Last Updated: New Course 2/2013, effective Summer 2013

NURS 375W - Essentials of Professional Nursing Practice II (GEWI)

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 Major - B.S.N. Second Degree and Nursing Major
Writing Intensive:

Last Updated: Change in Major Restriction 12/2013, effective Summer 2014; 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 452 - Healthy Environments for Patient Care

In this course students will acquire knowledge and skills to apply in the care of individuals, families, groups, and communities. Students will explore multiple determinants of heath including internal, social, physical, and global. Students will examine interventions based on evidence related to selected environments of care.

Credit Hours: 3 hrs
Last Updated: New Course 2/2013, effective Summer 2013

NURS 465 - R.N. 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.

Credit Hours: 3 hrs
Repeatable for Credit: No**Prerequisite:** NURS 208, NURS 209, NURS 220, NURS 250, NURS 251, NURS 260, NURS 265, NURS 270, NURS 304, NURS 305, NURS 306, NURS 307, NURS 330, NURS 331, NURS 350, NURS 351, NURS 365, and NURS 372
Class Restrictions: All Undergraduates
Major Restrictions: Nursing Major - B.S.N. Completion
Equivalent Courses: NURS 475 - Essentials of Professional Nursing Practice III
Last Updated: New Course 12/2013, effective Summer 2014

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 Major - B.S.N. Second Degree and Nursing Major
Last Updated: Change to Major Restriction 12/2013, effecive Summer 2014; 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):
    1. 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)
    2. SWRK 200 - Human Diversity and Social Justice
    3. SWRK 222 - Social Welfare Policies and Services
    4. SWRK 251 - Self-Assessment For the Profession of 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 Information:

School of Social Work - College of Health and Human Services

Lynn M. Nybell, Ph.D., School Director

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General Education Requirements:

For specific requirements refer to the General Education Program.

Liberal Arts Requirements: 27-30 hours

- ANTH 135 - Introduction to Cultural Anthropology (GEGA & GEKS) 3 hrs
- BIO 105 - Introductory Biology for Non-majors (GEKN) 4 hrs
  or a 3 credit hour course in Human Biology
- PLSC 112 - American Government (GEKS) 3 hrs
- PSY 101 - General Psychology Lecture (GEKN) 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 (GEKS) 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: 57 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 For the Profession of 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 (GEWI) 3 hrs
- SWRK 350L - Generalist Social Work Practice: Organizations and Communities (GELB) 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 - Social Work Practice with Women and Girls 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:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor 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 Information:

School of Social Work - College of Health and Human Services

Lynn M. Nybell, Ph.D., School Director

323 Marshall
734.487.6856
lnybell@emich.edu

School Website

School of Social Work Advising

David Evoy

337 Marshall

734.487.0393

devoy@emich.edu

David Manville

317 Marshall

734.487.0393

dmanvil1@emich.edu

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 advisor from social work elective courses.

Minor Total: 20-21 hours

Critical Graduation Information:

Each undergraduate student will be responsible for the fulfillment of the requirements or their equivalents of the Eastern Michigan University catalog in force at the time of their initial registration at a college or university or a subsequent catalog including the one in effect at the time of their graduation.

In the event an undergraduate student does not complete the degree requirements within seven years of the date of their original registration at a college or university, the student may be required to have their credits re-evaluated by the academic department(s) of their major/minor in keeping with catalog requirements in force during the year of their graduation.

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

- Earn a minimum total of 124 credits at the ***100-level and above*****. Courses with numbers below 100 will not be counted toward this degree requirement. At most 8 credit hours of physical education (PEGN) activity courses will be counted toward this requirement.** A Bachelor of Arts degree requires completion of one year of college credit in a world language.
- Meet the requirements of the General Education program (see information below).
- Complete a Writing Intensive (WI) Course in your major.
- Earn a minimum of 60 credits from a four-year college or university; **courses taken at community colleges cannot be used to meet this requirement.** (Some formal program-to-program articulation agreements modify this requirement. See specific agreements for details.)
- Earn a minimum of 30 credits from courses taken at EMU.
- Complete 10 of the last 30 hours for the degree from courses taken at EMU.
- Have a minimum of 30 ***unique*** credit hours in their major and 20 ***unique*** credit hours in their minor for a total of at least 50 unique credit hours between them. Some majors that require 50 or more hours themselves do not require a minor; students should check requirements of the selected major in the undergraduate catalog to see if a minor is required.
- Earn no more than 60 credit hours in one subject area (prefix). Credits in excess of the 60 maximum will not be counted toward the minimum of 124 credits required for a bachelor's degree.
- Earn the minimum number of credits in 300-level and above courses in each major and minor as specified below - these credits must be earned in distinct courses, that is, no course can be used to fulfill this requirement in more that 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 conducted by individual departments/schools within EMU, and additional documentation may be required. *Please note:* EMU awards only credit for transferred courses; grades are not used in the calculation of an EMU GPA.
- Earn a minimum cumulative GPA of 2.0 in courses taken at EMU in order to graduate. In addition, a minimum GPA of 2.0 must be reached in courses 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 in the General Education section of the catalog: General Education

Students who transferred to EMU may have modified general education requirements based on Michigan Transfer Agreement (MTA) or articulation agreements; consult your academic advisor for additional information.

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

Social Work

SWRK 120 - Introduction to Social Work Services and Professional Roles

This course provides students with an overview and an analysis of the social work profession including social work concepts, practice, and the various roles a social worker plays in the field. A comparison of practice in a variety of social work settings with particular target populations is provided.

Credit Hours: 3 hrs
Notes: Concurrent registration in SWRK 222/251 is permitted, but not required.
Last Updated: Description Change 10/2013, effective Winter 2014

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 introductory course in human diversity provides students with a framework for understanding race, class, and gender, along with ethnicity, sexual orientation, and privilege. Students are taught to develop critical thinking skills, engage in culturally sensitive practice, and advocate for social justice.

Credit Hours: 3 hrs
Last Updated: Course Description Change 10/2013, effective Winter 2014

SWRK 222 - Social Welfare Policies and Services

The purpose of this course is to help students understand what values and beliefs underlie social welfare policy, and how it impacts our lives. The course is designed to be theoretical and practical.

Credit Hours: 3 hrs
Notes: Concurrent registration in SWRK 120 and SWRK 251 is permitted, but not required.

Last Updated: Course Description Change 10/2013, effective Winter 2014; Prerequisite Change 09/2012, effective Winter 2013; Links 03/2011

SWRK 251 - Self-Assessment For the Profession of Social Work

This course is designed to help students to engage in self-assessment regarding their personal preparation for the social work profession. Exercises will help students define their own values with respect to the NASW Code of Ethics. Opportunities will be provided for developing skills to successfully engage in a professional social work educational program.

Credit Hours: 1 hr
Prerequisite: SWRK 222
Concurrent Prerequisite: SWRK 120, SWRK 200 and SWRK 222
Major Restrictions: Social Work Intent students only
Previously Listed As: Self Assessment and Development for Social Work
Last Updated: Course Description and Title Change 10/2013, effective Winter 2014; 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 287 - 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: Change to assigned school 7/2014, Links 03/2011

SWRK 315 - Theoretical Bases for Social Work Practice

This course critically examines and integrates theoretical concepts, examines the fit between people and their environments and includes assessment of differential opportunities and resources available for different groups of people. The course helps students selectively critique social work and psychological theories to assess functioning of various size systems and select form contrasting theories of human behavior in terms of their relevance to oppressed and vulnerable populations.

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: Course Description Change 10/2013, effective Winter 2014; Links 03/2011; Prerequisite/Co-requisite Change 06/2011, effective Fall 2011

SWRK 317 - Foundations of Social Work Practice

This course prepares students for field experience developing the core interpersonal competencies underlying generalist practice. Students are oriented to practice roles learning how to competently develop and use a helping relationship as part of planned change. This course must successfully completed with a related section of SWRK 318

Credit Hours: 3 hrs
Concurrent Prerequisite: SWRK 315
Corequisites: SWRK 318
Major Restrictions: Social Work Majors only
Last Updated: Course Description Change 10/2013, effective Winter 2014; 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-requistie of SWRK 317 in which students practice and receive feedback on their interpersonal competencies needed to engage in generalist practice. This course must be successfully completed with a related section of SWRK 317.

Credit Hours: 1 hr
Concurrent Prerequisite: SWRK 315
Corequisites: SWRK 317
Class Restrictions: Sophomore
Major Restrictions: Social Work Majors only

Last Updated: Course Description Change 10/2013, effective Winter 2014; Prerequisite and Co-requisite Change 06/2011, effective Fall 2011; 11/2007, effective Spring 2008

SWRK 319W - Writing for Agency Practice (GEWI)

This is a writing intensive course, preparing students for the professional writing components of professional, agency-based 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 Major only
Writing Intensive:
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 lav, 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: Course Description Change 10/2013, effective Winter 2014; 12/2007, effective Winter 2008; Co-requisite and Concurrent Prerequisite Change 06/2011, effective Fall 2011

SWRK 350L - Generalist Social Work Practice: Organizations and Communities (GELB)

Supported by a service-learning experiential component, students develop a range of macro practice assessment and intervention skills that promote improvements in social service organization, social welfare systems and communities.

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
Notes: Academic Service Learning Course (Winter 2015, CRN: 23006, 23007, 26135, 24546).
Previously Listed As: SWRK 388 and SWRK 410
Learning Beyond the Classroom:

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: Course Note 12/2014; Course Description change 10/2013, effective Winter 2014; 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

This course focuses on current social polity practice and it's intended and unintended effects on client populations. Students will attain beginning- level competency in the analysis 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: Change to Course Description 10/2013, effective Winter 2014; 04/2009; effective Fall 2010

SWRK 408 - Generalist Social Work Practice with Individuals and Families

This course expands the student's application of generalist social work practice with individuals and families building on critical theories. This course engages students in the application of models of assessment and phases of planned sequential change process.

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: Course Description change 10/2013, effective Winter 2014; 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 explores generalist practice with groups. Students will learn about different types of groups that exist and the populations involved with these groups. Students will identify group dynamics and stages of group development. Students will learn and practice group facilitation and intervention skills necessary to work effectively with groups.

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: Change to Course Description 10/2013, effective Winter 2014; 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

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 and practice application of professional literature, research skills and methodologies, 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: Change to Course Description and Method of Delivery 10/2013, effective Winter 2014; 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 - Social Work Practice with Women and Girls

This course provides critical examination of practice issues with women and girls. It examines social policies that affect this diverse population. It explores and develops intervention strategies that give voice to their strengths and address their unique needs.

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
Previously Listed As: Practice Issues with Women
Last Updated: Change to Tittle and Course Description 10/2013, effective Winter 2014; 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 prepares students for culturally 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 Major only

Last Updated: Change to Course Description 11/2013, effective Winter 2014; 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-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: 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 is designed to culminate the undergraduate social work student's experience. Through field placement and seminar, students will integrate academic theoretical knowledge into everyday social work practice. Students will use personal evaluation and professional supervision to analyze and enhance their motivation, knowledge, skills and aptitude for social work practice.

Credit Hours: 6 hrs
Prerequisite: SWRK 350L and department permission
Major Restrictions: Social Work Majors only
Last Updated: Change to Course Description 10/2013, effective Winter 2014; Links 03/2011

SWRK 489 - Field Experience II

Field experience is designed to culminate the undergraduate social work student's experience. Through field placement and seminar, students will integrate academic theoretical knowledge into everyday social work practice. Students will use personal evaluation and professional supervision to analyze and enhance their motivation, knowledge, skills and aptitude for social work practice.

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, and SWRK 460 is permitted, but not required.
Last Updated: Change to Course Description 10/2013, effective Winter 2014; 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

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 advisor 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 advisors 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.

Advisor Information:

Keith P. Jason
Coordinator of Student Services
150 Sill Hall
College of Technology
734.487.8659
kjason@emich.edu
www.emich.edu/cot

Required Courses: 58 hours

- ARTS 123 - Foundations Drawing I 3 hrs
- ARTS 122 - Three-Dimensional Design 3 hrs
- CHEM 117 - Fundamentals of Chemistry-Lecture (GEKN) 3 hrs
- CHEM 118 - Fundamentals of Chemistry Laboratory (GEKN) 1 hr
- COSC 111 - Introduction to Programming 3 hrs
- CTAC 124 - Foundations of Speech Communication (GEEC) 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ECON 202 - Principles of Microeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 3 hrs
- HIST 123 - The United States to 1877 (GEKS) 3 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs
- MATH 121 - Calculus II 4 hrs
- PHIL 130 - Introduction to Logic 3 hrs
- PHY 223 - Mechanics and Sound (GEKN) 5 hrs
- PHY 224 - Electricity and Light 5 hrs

One course from the following:

- PLSC 112 - American Government (GEKS) 3 hrs
- PLSC 113 - American Government Honors (GEKS) 3 hrs

- Two Literature courses: 6 hours

Recommended Courses (course may not transfer): 2 hours

- CNST 125 - Introduction to Construction 3 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 predentistry advisor.

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.

Advisor Information:

Program Advisor: Gregg Wilmes
Phone: 734.487.0106
Email: gwilmes@emich.edu

Required Courses: 34 hours

*see note

- BIO 110 - Introductory Biology I (GEKN) 5 hrs
- BIO 120 - Introductory Biology II 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEKN) 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 (GEQR) 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 (GEKN) 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 1 hr
- COSC 246 - Programming in C++ 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- ENGL 121 - Composition II: Researching the Public Experience (GEEC) 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 (GEKN) 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 (GEKS) 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

Writing Intensive Course

Each student must choose a writing intensive course as part of major completion requirements. Consult your advisor for course options.

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.

Advisor Information:

Program Advisor: 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 advisor'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

Advisor Information:

Program Advisor: 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 (GEKN) 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 (GEWI) 3 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEEC) 3 hrs
- PHY 221 - Mechanics, Sound and Heat (GEKN) 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 (GEKN) 5 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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:

Advisor Information:

Program Advisor: Heather Holmes
Phone: 734.487.0106
Email: hholmes1@emich.edu

Recommended Courses

- BIO 105 - Introductory Biology for Non-majors (GEKN) 4 hrs
- CHEM 121 - General Chemistry I (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEKN) 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 (GEEC) 3 hrs
- CTAC 225 - Listening Behavior (GEKS) 3 hrs
- CTAC 226 - Nonverbal Communication (GEKS) 3 hrs
- CTAC 227 - Interpersonal Communication (GEKS) 3 hrs
- ECON 200 - The American Economy 3 hrs
- ECON 201 - Principles of Macroeconomics (GEKS) 3 hrs
- HLED 210 - First Aid and CPR Certification 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 (GEKS) 3 hrs
- SOCL 311W - Aging and the Life Course (GEWI) 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. Theses 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.

Advisor Information:

Program Advisor: 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 (GEKN) 3 hrs
- CHEM 122 - General Chemistry I Laboratory (GEKN) 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 (GEEC) 3 hrs
- MATH 120 - Calculus I (GEQR) 4 hrs