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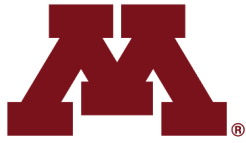
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UNIVERSITY OF MINNESOTA
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University of Minnesota Morris 2021-23 Policies

This document serves as an official historical record for a specific period in time. The information found is subject to change without notice. Colleges and departments make changes to their degree requirements and course descriptions frequently. More information is available at catalogs.umn.edu.

For current information, refer to:

- Program search: z.umn.edu/publicprogramsearch
- Course search: z.umn.edu/publiccoursecatalog
- University policies: policy.umn.edu

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Academic Standing

The minimum academic progress requirements are based on two measures: the cumulative GPA measures performance over time and the term GPA measures performance within the term. The authority for administering the requirements and taking necessary action rests with the Scholastic Committee. (The Financial Aid Office monitors separate financial aid Satisfactory Academic Progress [SAP] requirements. For more information, see onestop.morris.umn.edu/aid/sap. *All students must maintain both a 2.000 cumulative GPA and a 2.000 term GPA to be in good academic standing.*

University of Minnesota Probation and Suspension Policy

See the complete policy at policy.umn.edu/education/acadprobation.

Probation

- A student will be placed on probation (and will remain on probation) if either the term or the cumulative GPA is below 2.000. Students on probation will have a hold placed on their record and must see an adviser in order to register. While on probation, Morris students may not enroll in more than 16 credits without Scholastic Committee approval.
- Colleges may develop academic contracts specifying additional requirements that students enrolled in that college must meet to be removed from probation or to register for classes while on probation. The academic contract may include GPA expectations more rigorous than the 2.000 term and cumulative GPA minimum standard, where programmatically warranted and when clearly communicated to the student. If the student meets the conditions of the contract, and the term and cumulative GPA are at least 2.000, the student will be removed from probation. Even if the contract conditions are met, the student must still meet the minimum GPA requirements of this policy. If the conditions of the contract are not met, the student will be suspended.
- After students on probation have met with their advisers (and if a contract is required, the adviser and registrar must be satisfied that the conditions have been met), then probation holds will be temporarily lifted so students may register.

Students on probation return to good standing by earning a term GPA and cumulative GPA of 2.000.

Suspension

A student is suspended if:

- at the end of the probation term (semester), both the term and the cumulative GPA are below 2.000, or
- the conditions of an academic contract are not fulfilled.

The suspension is effective immediately.

Consequences of suspension—When suspended, a student is no longer in the program and cannot register for any University courses for at least one full academic year. All colleges and campuses of the University must recognize the suspension and will not allow students, including non-degree seeking students, with these holds to register without the approval of the college placing the hold.

Appealing suspension decisions—Students may appeal suspension decisions or petition for readmission in writing to the college's Student Scholastic Standing Committee (SSSC) according to a defined collegiate petition process.

Readmission after suspension—Readmission after a period of suspension is not automatic. To be re-admitted, students must show evidence of changes in circumstances that demonstrate that they will succeed in an academic program.

Returning to the college or a different college after suspension—Upon return to the college after petitioning to reenter, students will be placed on probation, and all colleges will use a probation hold and academic contract for the purpose of monitoring the student's performance. If students do not successfully complete the contract, they will be suspended again, and then will be required to reapply for admission to a college, rather than petition to reenter.

Appeal to Return After One Semester—Suspended students may appeal to the Student Scholastic Standing Committee using the online appeal form at committees.morris.umn.edu/probation-and-suspension. The appeal is due by June 30 and should include an academic plan for improvement, evidence of successful

completion of transfer work; and/or evidence that personal difficulties are being addressed.

If the student wishes to have Student Counseling, Academic Assistance, or the Disability Resource Center provide input on an appeal, they must have written approval (with the student's signature) prior to the hearing of the appeal.

Without this approval, their input cannot be considered. Decisions on appeals are made in July.

If the appeal is approved, the Committee determines the conditions that must be met during the semester the student returns. If those conditions are not met, the original suspension is reinstated at the end of the term.

Students with an approved appeal return on probation— The Student Scholastic Standing Committee prescribes special conditions in the form of an academic contract in an effort to improve the returning student's chance for success. Students and their advisers are notified of these conditions. For example, students may be required to complete a specified number of credits and to earn a prescribed GPA during the single semester of their approved return.

Conflict Resolution Process

The University of Minnesota Morris takes student concerns, complaints, and grievances seriously. The University has processes in place to ensure that complaints are addressed appropriately and in a timely manner.

Have you tried to resolve the concern directly?

When you encounter a problem on campus or feel you have been treated unfairly, you should first try to resolve the issue informally with the faculty/staff member or the office/program directly involved. Many issues can be resolved by making an appointment with a faculty or staff member and calmly and honestly communicating your concerns.

In some cases, a meeting with an appropriate third party (a faculty member, the academic division chair, director of the office/program, residence hall staff, or other administrator) can be helpful in addressing and resolving an issue.

In meetings and conversations regarding your concerns, it is important to be clear and specific about what the concern is and what action is being requested to address the concern.

You may also contact the [Office of the Vice Chancellor for Student Affairs](#) for assistance and advice on how to address any University-related concern.

Have you considered one of the University's processes for addressing concerns or complaints?

If direct contact with the other party does not resolve the situation or if it would be inappropriate (for example, a bullying or sexual harassment complaint), you can seek assistance through the University's more formal conflict resolution, complaint, and appeal channels depending on the nature of the complaint, as listed below. Some campus policies and programs have specific documented complaint/appeal processes.

Academics

Grades and evaluation of student work

Students are entitled to an explanation for the grade assigned. You should, in almost all instances, bring the matter directly to the instructor. Where this is clearly inappropriate or when such action does not bring about a mutually satisfactory solution, you should consult the appropriate academic division chair of the discipline in which the course is offered. If consultations with the division chair do not resolve the issue, you may consult the [Vice Chancellor for Academic Affairs and Dean](#).

Quality of instruction

Student concerns regarding the quality of instruction should be directed to the academic division chair of the discipline in which the course is offered. If consultations with the division chair do not resolve the issue, you may consult the [Vice Chancellor for Academic Affairs and Dean](#).

Academic advising

Student concerns about academic advising should be directed to the director of the Office of Academic Success. If a concern cannot be resolved at that level, you may reach out to the academic division chair for their major program. If consultations with the Office Academic Success and division chair do not resolve the issue, you may consult the [Vice Chancellor for Academic Affairs and Dean](#).

Areas not addressed above

Academic units manage academic complaints, which are defined by the [Addressing Student Academic Complaints](#) policy as complaints brought by students regarding the University's provision of education and academic services affecting their role as students, based on a claimed violation of a University rule, policy, or established practice. Under this policy, student academic complaints do not include student complaints regarding grades and other evaluation of student work, University employment, University admission decisions, or disciplinary action under [Board of Regents Policy: Student Conduct Code](#).

Was direct resolution unsuccessful? Is direct resolution not appropriate? Or is your concern outside the specific areas, policies, and processes listed above?

The [Office of the Vice Chancellor for Academic Affairs and Dean](#) provides strategies to approach conflicts related to grading, instruction, and other academic concerns, including formal grievance processes. Contact Academic Affairs at 320-589-6015.

Formal complaint

A formal complaint is defined as any written complaint filed in paper, via [online form](#), or through [UReport](#) that is signed by a student and has been received by a University of Minnesota Morris Division Chair, Vice Chancellor, or Chancellor after administrative or informal resolution of the complaint at the program or office level has failed.

You may file a formal complaint at any time while you are an enrolled student (full-time or part-time) at the University and within the first 12 months after your last date of enrollment for any concern that arose while you were enrolled. Formal complaints cannot be filed by parents, relatives, employers, agents, and others acting for you or on your behalf.

Complaint review and resolution process

Once a formal complaint is received by a Division Chair, Vice Chancellor, or Chancellor, an attempt will be made to resolve the issue in a timely manner by working with you and the appropriate university employees and offices to assure a fair process. The [Office of the Vice Chancellor for Student Affairs](#) will coordinate the process for addressing complaints received through the University's student complaint form. Questions related to the student complaint process and resolutions should be directed to the [Office of the Vice Chancellor for Student Affairs](#).

If the student is unsatisfied with attempts to resolve the complaint within the University, the student has the option to file a complaint with the University of Minnesota Board of Regents or the University's accrediting body, the Higher Learning Commission (HLC) in accordance with their processes and procedures.

Prohibition of retaliation

University policies prohibit retaliation. Within the scope of student concerns and complaints at Morris, retaliation shall mean taking an adverse action against an individual because of the individual's good faith participation in the following:

- Reporting concerns, reporting suspected or alleged prohibited conduct, or making a complaint

- Expressing opposition to a campus process, proceedings, or suspected or alleged prohibited conduct
- Participating in an investigation related to a reported concern, a formal complaint, or a prohibited conduct allegation
- Accessing the services or resources of a campus or University office or officer to resolve a student concern, a formal complaint, or a conflict related to prohibited conduct

Complaint tracking

To meet Federal Regulations, a record of formal student complaints and their disposition will be filed by the office handling the complaint and maintained within the [Office of the Vice Chancellor for Student Affairs](#). All formal written student complaints received by the Division Chairs, the Vice Chancellors, or the Chancellor will be filed and tracked. Collected information will include the date the complaint was received, the student's name and student ID, a brief description of the complaint, a summary of action taken by the receiving office, the resolution/outcome (including the steps taken to resolve the complaint and the documentation associated with those steps), and the date of resolution, as well as notations of any changes to university policy, procedure, or practice resulting from the complaint.

Each year, the [Office of the Vice Chancellor for Student Affairs](#) (or its designee) will compile an Annual Institutional Summary of Student Complaints. The [Office of the Vice Chancellor for Student Affairs](#) will also conduct a review of current and prior years' complaint logs to identify any trends/issues that warrant further investigation, possible revisions to existing policies, or additional actions required to strengthen the student learning environment. Information from the annual review will be shared with and reviewed by the Vice Chancellors Group along with the appropriate university office(s) for action.

Private student data is maintained in accordance with University policies. Information tracked will be made available to regulatory agencies and accrediting bodies, including the Higher Learning Commission as required in accordance with applicable laws, regulations, and policies.

Course Numbers and Designators

Course numbers reflect the level of difficulty of a course. Generally, courses numbered 1xxx are for undergraduates in their first year of study, courses numbered 2xxx are for undergraduates in their second year of study, courses numbered 3xxx are for undergraduates in their third year of study, and 4xxx are for undergraduates in their fourth year of study.

Some courses require prerequisite coursework or advanced class status for entrance while others do not. Students should plan their programs carefully to complete courses in the proper sequence. Students who have not successfully completed the prerequisite course(s) may be administratively dropped from a course.

In connection with course numbers, disciplines and programs are identified by a two-, three-, or four-letter designator prefix (e.g., Ed for Education, Pol for Political Science, LAAS for Latin American Area Studies).

Symbols, Abbreviations, and Punctuation

1201-1202-1203	A <i>hyphen</i> between course numbers indicates a sequence of courses that must be taken in the order listed.
1201, 1202, 1203	A comma between course numbers indicates a series of courses that may be entered any semester.
,	In prerequisite and corequisite listings, a comma means “and.”
Sci-L	Courses that meet specific general education requirements are designated as IC, WLA, FL, M/SR, ART/P, HIST, SS, HUM, FA, SCI, SCI-L, HDIV, ENVT, IP, E/CR. (See the Degree Completion section for more information about general education requirements.)
cr	Credits per semester.
prereq	Some courses require a “prerequisite” (prereq) such as successful completion of certain other courses or particular qualifications, such as class standing, in order for a student to register for the class. Students are allowed “conditional registration” for a course if the prereq is in progress. If the prereq is not satisfactorily completed, the student may be administratively withdrawn from the class. If no prerequisites are listed, there are none for the course. A prerequisite listed by number only (e.g., prereq 3105) is in the same discipline as the course being described.
coreq	Students must be enrolled in the corequisite (coreq) course(s) at the same time. If no corequisites are listed, there are none for the course. A corequisite course listed by number only (e.g., coreq 3105) is in the same discipline as the course being described.

prereq or coreq	Students must either successfully complete the prerequisite course, OR may enroll in the pre/corequisite course concurrently.
Same as	“Same as” courses meet three qualifications: 1) have content sufficient in two (or more) identified disciplines to count in each; 2) have identical course descriptions, published in each associated discipline; 3) are taught at the same time, in the same classroom, by the same instructor.
W	Courses with a W following the course number satisfy the writing enriched requirement.
H and Honors	Courses with an H following the course number satisfy honors requirements. Also, “Honors:” at the beginning of a course title indicates an Honors course.
1-4 cr [max 6]	The course can be taken for 1 to 4 credits and may be repeated for up to 6 credits.
A-F only	A-F grade basis only; course may not be audited or taken pass/fail.
S-N only	S-N grade basis only (pass/fail); course may not be audited or taken A-F.

Credit for Prior Learning

Students who have had an internship-like experience outside college that is roughly comparable to a Morris internship experience (IS 3996) may receive credit through registering for a Prior Learning internship. The prior learning is combined with faculty directed new learning, with credit awarded for both. For example, Liberal Arts for Human Services (LAHS) majors often come to Morris with years of work experience in social service settings such as in hospices, chemical dependency centers, or women's shelters. Politically active adult students may have years of volunteer experience in grassroots organizations or in state or national volunteer organizations. Educators, business people, and naturalists may also have internship-like experiences that relate to Morris's curriculum.

The process:

The student meets with the coordinator of advising to establish qualifying prior learning and the field of the proposed project. If the learning is verified, the coordinator contacts a faculty member with expertise in the field, and the student meets with this faculty supervisor to complete the Prior Learning Internship form and to design the contract.

Because prior learning is transfer credit, the student submits to the Scholastic Committee a petition to register for a prior learning internship (IS 3896). Because the registration is interdisciplinary, the internship form must be signed by the student, the faculty supervisor, and the dean as interdisciplinary division chair. The student must note on the form how the credits will apply, e.g., to meet a discipline requirement, a general education requirement, or to count as elective credits. Before registering, the student completes additional documentation identifying the learning. If approved, the Scholastic Committee sends a packet to the dean that includes a cover memo, the signed approval form, and required documentation. After the IS 3896 form is signed, the student is allowed to register.

Documentation of the learning:

Regular internships make use of daily logs and work summaries. Because this documentation is generally not available for a prior learning internship, such documentation is provided after the fact. The college requires substantial documentation of the learning, often in outline form. In general, the student reviews and categorizes the learning, excluding routine, repetitive activities. For example, a student becoming familiar with an agency's record-keeping system would expect to count that learning experience once, whereas a student observing and conducting counseling sessions would be likely to learn through the duration of the counseling internship. Students are asked to identify and to calculate the number of hours spent in activities that contributed significantly to relevant learning. The total number of hours is divided by 48 (hours of effort per credit) to determine the appropriate number of credits.

Credits:

Most of the credit is awarded after the fact for the documentation of the work experience. In a 12-credit prior learning internship, about two credits are awarded for the integration of the prior learning with theoretical studies through writing papers, presenting seminars or workshops, or other methods agreed upon by the student and the faculty member.

A maximum of 32 credits of internship may count in the 120 credits required for graduation.

Exams for Credit or Proficiency

Academic departments have the discretion to offer exams to either demonstrate proficiency or earn course credit. The format of these exams is at the department's discretion (e.g., final examination, oral tests, written papers or projects). No department is required to offer exams for proficiency or credit.

Eligibility for such exams is limited to currently enrolled, undergraduate, degree-seeking students. Departments may establish further eligibility criteria for an exam for proficiency or credit. A student may not take an exam for credit for a course the student has already completed for any grade basis (i.e., A-F, S-N, or AUD [audit] status) at the University of Minnesota.

Exam to demonstrate proficiency

A departmental exam for proficiency may be used to fulfill prerequisites for advanced courses or satisfy other requirements. An exam for proficiency does not yield any course credit or grade. The academic department giving the examination will determine the minimum standards for successful completion of an exam for proficiency.

Exam to earn course credit

A departmental exam for credit may be used to earn credit for a course. The academic department giving the examination will determine the minimum standards for successful completion of an exam for credit.

Credit(s) earned by departmental exam do not earn grade point average (GPA) points and are reflected only within the student's cumulative credit totals on the transcript (not within the term in which the student completed the exam).

Credit(s) earned by departmental exam count in the credit total, but do not count toward the minimum number of credits students must earn at the campus from which they are seeking a degree.

Special situations

On the Morris campus, the Scholastic Committee serves in the role of the academic department and has all related responsibilities.

Excused Absences: Makeup Work for Legitimate Absences

University policy recognizes that there are a variety of legitimate circumstances in which students will miss coursework, and that accommodations for makeup work will be made. This policy applies to all course requirements, including any final examination. Students are responsible for planning their schedules to avoid excessive conflicts with course requirements.

1. Instructors may not penalize students for absence during the academic term due to the following unavoidable or legitimate circumstances:
 - illness, physical or mental, of the student or a student's dependent;
 - medical conditions related to pregnancy;
 - participation in intercollegiate athletic events;
 - subpoenas;
 - jury duty;
 - military service;
 - bereavement, including travel related to bereavement;
 - religious observances;
 - participation in formal University system governance, including the University Senate, Student Senate, and Board of Regents meetings, by students selected as representatives to those bodies; and
 - activities sponsored by the University if identified by the senior academic officer for the campus or the officer's designee as the basis for excused absences.
2. Voting in a regional, state, or national election is not an unavoidable or legitimate absence.
3. Instructors are expected to accommodate students who wish to participate in party caucuses, pursuant to Board of Regents resolution (see December 2005 Board of Regents Minutes, p 147.)
4. For circumstances not listed in (1), the instructor has primary responsibility to decide on a case-by-case basis if an absence is due to unavoidable or legitimate circumstances and grant a request for makeup work.

Notification, Verification of Absences, and Make-up Work

Students must notify their instructors of circumstances identified in (1) or other circumstances leading to a request for makeup work as soon as possible and provide information to explain the absence. Some situations will be sufficiently urgent that arrangements for makeup work cannot be made prior to the date of an absence. In such cases, arrangements should be made as soon as possible following the student's return.

1. The instructor has the right to request, and the student must provide if requested, verification for absences, with the exception of a single episode medical absence that does not require medical services.
2. The instructor has the right to request verification for a single episode medical absence if (i) the student has had more than one single episode medical absence in the class, or (ii) the single episode medical absence involves missing laboratory sessions, exams or important graded in-class assignments.

3. The instructor may not penalize the student and must provide reasonable and timely accommodation or opportunity to make up missed work, including exams or other course requirements that have an impact on the course grade if the student:
 - Was absent due to circumstances identified in (1);
 - Has complied with the notification requirements; and
 - Has provided verification if the instructor has requested further information.
4. Colleges and academic units may establish more specific criteria for notifying instructors and completing the associated make-up work, especially when the absence involves activities that may not be possible to make up, such as laboratory or clinical sessions and performances.
5. Instructors are not obligated to accommodate a student who has missed so much of the critical components of a course, even for legitimate reasons, that arrangements for makeup work would not be reasonable.

Instructors should take all factors into consideration when determining whether to grant an excused absence and how to make arrangements for makeup work that has an impact on the course grade. If a student has missed a component of the course that cannot be made up in exactly the same manner, the instructor may substitute another activity or assignment in order to assess the missed components. If no substitution can be devised, the missing component(s) cannot be factored into determining that student's final grade for the course.

Appeals

If a student believes the student has been wrongly denied the opportunity to make up work due to disagreement with the instructor about the legitimacy or unavailability of an absence, the student should pursue the student's complaint using the usual process for appeals of student grievances. Chairs and deans who have questions about what constitutes an excusable bereavement absence, religious observance, or eligible dependent illness should consult with the senior academic officer for the campus for resolution of the disagreement.

In accordance with the Administrative Policy: *Addressing Student Academic Complaints*, final authority rests with the senior academic officer for the campus.

Special Situations

For health or safety of a campus, the senior academic officer for the campus or the officer's designee may waive the requirement that students provide verification from a health care provider for illness.

Final Examinations and Study Days

A. Examinations During the Term

1. Examinations during the term (e.g., mid-terms) will normally be given only during the regular class sessions, except that make-up exams may be given at other times arranged to accommodate student class schedules. Exams may be held at times other than the regularly scheduled class period only under unusual circumstances, and only if approved by the dean of the college in consultation with the Vice Provost and Dean of Undergraduate Education or the appropriate decision-making office on the system campuses. Any regularly scheduled examination to be held outside of regular class time must be listed in the published class schedule.
2. Accommodation must be provided by the examining department(s) to any student who encounters an academic conflict, such as between an examination scheduled outside of regular class time and the regular class period of another course, or between two exams scheduled to be held simultaneously outside of regular class time.
3. Comprehensive examinations, which require reflection, study, and application of the work of the entire semester, are strongly encouraged, but must be given during the final examination period. The only examinations allowed during the last week of classes are those equivalent in scale, scope, length, and percent of grade to other examinations given in that class during the term. Although late-semester examinations may rely on cumulative knowledge of the work of the course during the semester, such examinations must not be comprehensive in nature if they are given prior to the final examination period. In a course where only one examination is given during the term, that examination must be given during the final examination period.
4. Take-home examinations are specifically exempted from this section of the policy.

B. Final Examinations

1. All classes that normally permit undergraduates to enroll will follow the standard examination schedule. Final examinations on the Twin Cities campus will extend over a six-day period. It is not a violation of this policy for a faculty member to use secure online test-taking, authorized by the academic unit, that permits students to take an exam at a time of their choosing rather than at a scheduled final examination time. System campuses will each determine the length of their final examination period.
2. Final examinations normally will be two clock hours (120 minutes) long.
3. Instructors may schedule longer examinations with the approval of their department, which will arrange longer use of the examination room with the appropriate campus scheduling office. Instructors and departments must decide in advance of scheduling a course if the examination is to exceed two hours, and must work with the campus office that schedules central classrooms on scheduling the location of the exam. Any examinations that exceed two hours must be noted in the class schedule, in order that students are informed and can try to fit the longer examination in their schedule of final examinations. Accommodation must be provided by the examining department to any student who encounters a conflict with another final examination because of this lengthened examination time.
4. Instructors may offer take-home final examinations (but see 7(c) below).
5. For courses that do not run for a full semester, the final examination will be administered (or due, in the case of take-home or other out-of-class examinations) on the last day of the course, except that short courses that end with the semester may use the final exam time scheduled for that course.
6. The requirement that the final examination period on the Twin Cities campus be six days will not apply to units that have been granted an exemption from the University calendar by the Senate Committee on Education Policy.
7. Final examinations at times other than regularly scheduled:
8. Examinations outside the final examination period.
 - a. Instructors are permitted to schedule their final examinations outside of the scheduled examination days only under extraordinary circumstances and with the approval of their dean and the campus academic officer. (For the Twin Cities, this is the Vice Provost and Dean of Undergraduate Education.)
 - b. Moving an examination within the final examination period. When an instructor and students conclude they wish to move the final examination for the course to a different time and/or day during the final examination period, the change must be (1) proposed by the instructor and (2) have the concurrence of the department chair. If the proposal to change the exam time is made after the first day of class, the change must also be approved unanimously by an anonymous survey of the students in class.
 - c. Laboratory practicums may be given during the final week of classes during the normal lab period, and take-home or other out-of-class finals may be distributed prior to the final exam period but may not be due before the scheduled final exam for that course.
 - d. Students with final examination conflicts, or with three (or more) final examinations in one calendar day, will be expected to notify and provide documentation to instructors as soon as possible during the term. Instructors are expected to make appropriate accommodation to eliminate the conflict. In the event none of the instructors agrees to make appropriate accommodation, the student should contact the student's advisor. If a student has three or more examinations in one day because one exam date was changed, the instructor who changed the exam must make the accommodation. Note: this section does not cover cases where a student has three (or more) examinations within a 24-hour period, only cases where the student has three (or more) examinations from morning to evening the same day.
 - e. Summer term final examinations. Final examinations for summer terms will be scheduled during the regular meeting time of the course on the last day.

C. Study Days

Each campus will decide whether or not to have a Study Day; when the calendar permits, a Study Day should be added to the schedule. For campuses that choose to have one, the final examination period will begin on the second day after classes end, with the day after classes designated as a Study Day. In the event classes end on a Friday, final examinations will not start until the following Monday and Saturday and Sunday will be designated Study Days.

D. Classes and Events During the Study Day/Finals Period

1. No classes will be permitted after the last scheduled day of instruction for that term/semester for any course that normally includes undergraduate students. Instructors may not schedule classes on a Study Day.
2. Instructors may not hold a regular class during the final examination period (which can interfere with students' other exams) and may not hold a class during the first hour of the examination period and then conduct the final examination during the remaining hour(s).
3. No University-sponsored extra-curricular events, which require the participation of students, may be scheduled from the beginning of Study Day to the end of Final Examinations. Exceptions to this policy may be granted

ONLY by the Senate Committee on Educational Policy. Instructors must provide an alternative and timely opportunity for students to complete course requirements they were unable to complete because of an absence permitted by this policy.

Grading and Transcripts

This policy establishes the allowed grading scales, grades, and symbols that appear on the University transcript. It also establishes the GPA calculation for the University transcript. Colleges and campuses may not use any other grades or symbols unless approved by SCEP and the University Senate as described in section E.8.

A. University Grading Scales

The University has two distinct grading scales: A-F and S-N.

1. **A-F grading scale.** The A-F grading scale allows the following grades and corresponding GPA points:

Grade	GPA Points	Definitions for undergraduate credit
A	4.000	Represents achievement that significantly exceeds expectations in the course.
A-	3.667	
B+	3.333	
B	3.000	Represents achievement that is above the minimum expectations in the course.
B-	2.667	
C+	2.333	
C	2.000	Represents achievement that meets the minimum expectations in the course.
C-	1.667	
D+	1.333	
D	1.000 -	Represents achievement that partially meets the minimum expectations in the course. Credit is earned but it may not fulfill major or program requirements.
F	0.000	Represents failure in the course and no credit is earned.

- a. The F does not earn grade points and the student does not earn University credit. The credit hours for the course count in the grade point average.
 - i. The F is assigned when the work was either (1) completed but at a level of achievement that is not worthy of credit, or (2) was not completed and there was no agreement between the instructor and the student that the student would be given an I.
 - b. Instructors are not required to use pluses and minuses when grading on the A-F scale.
 - c. Grade points are the same regardless of the level or course of enrollment (e.g., graduate or undergraduate level).
 - d. Except for the Law School, the University does not award A+ grades, nor are D- grades permitted.
2. **S-N grading scale.** The S-N grading scale allows for the following grades and corresponding GPA points:

Grade	GPA Points	Definitions for undergraduate credit
S	0.00	Satisfactory (equivalent to a C- or better)
N	0.00	Not Satisfactory

- a. The S grade does not carry grade points and is not part of the GPA calculation, but the credits will count toward the student's degree program if allowed by the college, campus, or program and the Administrative Policy: *Credit and Grade Point Requirements for an Undergraduate (Baccalaureate) Degree: Twin Cities, Morris, Rochester.*
 - b. The N does not carry grade points and the credits for the course do not count toward any academic degree program. The credit hours for the course do not count in the grade point average.
 - i. The N is assigned when the work was either (1) completed but at a level of achievement that is not worthy of credit, or (2) was not completed and there was no agreement between the instructor and the student that the student would be awarded an I.
3. No campus, college, or program is required to offer a course on the S-N grading scale. Any unit may choose to limit grades in a particular course to the A-F or the S-N scale.
- a. When both grading scales are available to a student, the student must declare the choice of scale at the time of registration. After the end of the second week of classes (the first week in summer sessions), students may not change their election of a grading scale.
 - b. The S-N system is a self-contained alternative to the A-F system and the two scales may not be combined for a particular student in a particular course. Students may receive grades or symbols only from the grading scale under which they have registered for a course.
4. The No Grade (NG) grading scale is a limited scale used for certain research and thesis registrations.

B. Incompletes

Note: The updated policy language in this section will take effect for classes offered Spring 2019 and after. The previous policy language provided that incompletes would not lapse for one year, refer to the University Policies section of the [Catalogs website](#) for more details.

- 1. Instructors may assign the registration symbol I for Incomplete if, at the time the incomplete is requested:
 - a. the student has successfully completed a substantial portion of the work of the course; and
 - b. due to extraordinary circumstances (as determined by the instructor), the student was prevented from completing the work of the course on time.
- 2. The assignment of an I requires a written agreement with the student specifying the time and manner in which the student will complete the course requirements.
 - a. The written agreement must require the student to complete the course requirements no later than the day grades are due for the subsequent regular (fall or spring) term, except as provided in section B.6 for students called to active military duty.

- b. The contract cannot require the student to re-register for the course or to sit in on an entire course in order to resolve an incomplete.
 - c. Students may complete the work to resolve an incomplete during a term in which they are not otherwise registered.
- 3. Students must submit the work to resolve an incomplete as specified in the written agreement. Except for graduate and professional students, incompletes that have not been changed to a letter grade by the day grades are due for the subsequent regular (fall or spring) term will be automatically changed to an F or N, consistent with the student's grading scale for the course.
 - a. For graduate and professional students, an I remains on the transcript until changed by the instructor or department.
 - b. If an I becomes an F or N under this provision, the grade may be changed later by the instructor if appropriate.
 - c. The instructor is expected to turn in the new grade within four weeks of the date the work was submitted by the student.
- 4. When an I is changed to another symbol or grade, the I is removed from the record.
- 5. If a student graduates with an I on the transcript, the I will remain an I. The degree GPA is frozen upon graduation.
 - a. With college and instructor approval, a student may be allowed to resolve an incomplete up to one year after graduation. While the degree GPA will not change, the cumulative GPA will be updated.
- 6. When students are called to active military duty, and reach agreement with their instructor(s) to take an incomplete, they will have up to one calendar year following their discharge from active duty to complete their incomplete(s).

C. Other Transcript Symbols

1. **Auditing a course.** There will be a symbol V, visitor, indicating registration as an auditor or visitor. No credit is awarded and the auditing student does not receive a grade.
 - a. Students auditing a course are required to pay full tuition but do not take exams and are not required to do homework. An auditor is entered on the class roster, is counted as filling a seat in a controlled entry course, and is counted in an instructor's student contact hours.
 - b. Students may not sit in on a course without registering for it.
 - c. A student may take a previously audited class for a grade.
2. **Withdrawing from a course.** The symbol W, withdrawal, is entered on a student's record when the student officially withdraws from a course. The W will be entered on the transcript irrespective of the student's academic standing in that course if the student withdraws from the course during the third through eighth week of class (Crookston) or the third through tenth week of class (Morris, Rochester, Twin Cities) or during the second or third weeks of summer sessions.
 - a. If a student officially withdraws from a course during the first two weeks of classes, there will be no record of that course registration entered on the student's transcript.
 - b. One-time late withdrawal: Students may, once during their undergraduate enrollment, withdraw from a course without documentation of extenuating circumstances or college/campus approval, and receive the transcript symbol W, after the deadline for withdrawal and at any time up to and including the last day of instruction for that course. A student may not withdraw after completing the final examination or equivalent for a course.
 - c. Except as provided in the preceding section, withdrawal after the deadline will require approval of the college and may not be granted solely because a student is failing the course; there must be extenuating non-academic circumstances justifying late withdrawal.
3. **Continuation course.** If a course is approved as a sequenced or continuation course and the grade cannot be determined for all students in the course until the full sequence is completed, the symbol X may be used at the end of the term while the sequence is in progress. The instructor will submit a grade for each X when the student has completed the sequence.
4. **Course in progress.** The symbol K may be used at the end of a session in courses where course activity (e.g., rotations) has been approved to extend beyond the established end date. The K symbol indicates that course activity is still in progress. The instructor will submit a grade that will replace the K for each student when course activities are complete.
5. **No grade reported.** There will be a symbol NR, administratively assigned to indicate that a grade was not reported for the course. The NR does not carry any GPA points.

D. Scholastic Dishonesty

1. Scholastic dishonesty in any portion of the academic work for a course will be grounds for awarding a grade of F or N for the entire course, corresponding to the student's registered grading scale (A-F or S-N). This provision allows instructors to award an F or an N to a student when scholastic dishonesty is discovered; it does not require an instructor to do so. (See Board of Regents Policy: *Student Conduct Code* for a definition of scholastic dishonesty.)
2. If the instructor determines that a grade of F or N for the course should be awarded to a student because of scholastic dishonesty, the student cannot withdraw to avoid the F or N. If the student withdrew from the course before the scholastic dishonesty was discovered or before the instructor concluded that there was scholastic dishonesty, and the instructor (or the appropriate hearing body if the student requests a hearing) determines that the student should receive an F or N, the student will be re-registered for the course and the F and N grade will be entered.

E. GPA Calculation and Other Provisions

1. **Counting credits toward a University degree.** A course that carries University credit toward a degree in one department or college must carry University credit in all other departments and colleges. All university credit carrying GPA points will count in the GPA unless otherwise prohibited by this policy.
 - a. **Zero-credit courses.** Courses that carry zero credits do not count in either term or cumulative grade point averages. Such courses carry normal tuition and fee charges.
2. **Grade point average.** Every student will have a grade point average calculated at both the end of each grading period (semester) and cumulatively, which will be the ratio of grade points earned divided by the number of credits attempted with grades of A-F (including pluses and minuses). Both the term and cumulative grade point average will appear on the transcript. Registration symbols, as described in this policy, do not count in the GPA and courses with symbols rather than grades do not earn credit.
 - a. When a student graduates, no further changes to the student's transcript will be made (to that portion of the transcript related to the program from which the student graduated) except as expressly allowed under the provisions of this policy.
3. **Assigning final grades.** All grades for academic work are based on the quality of the work submitted, not on hours of effort. Instructors have the responsibility and authority to determine how final grades are assigned, including, in classes where they use numeric scores, the method that will be used to translate numeric scores into letter grades. (For example, the instructor may decide that 90% equals an A, 80% a B, and so on, or the instructor may decide that the top 10% of the scores will receive an A, the next 20% a B, and so on.) In courses with graded group work, instructors are expected to make efforts to ensure that each student's grade accurately reflects the degree to which they have met the stated goals of the assignment. When an instructor believes that a student's final grade will be significantly adversely affected by the actions or inactions of group members, the instructor is encouraged to identify ways to alleviate this.
 - a. Final grades must be submitted to the Registrar no later than three business days after the last day of the final examination period.
4. **Repeating courses.**
 - a. An undergraduate student may repeat a course only once, except as noted in section 4(c). The college offering the course may grant an exception to this provision. Morris only: Students who receive a grade of S or C or higher may repeat a course only if space permits.
 - b. When a student repeats a course before receiving the degree, (a) both grades for the course will appear on the official transcript, (b) the course credits may not be counted more than once toward degree and program requirements, and (c) only the last enrollment for the course will count in the student's grade point average.
 - c. Provisions 4(a) and (b) of this policy will not apply to courses (1) using the same number but where students study different content each term of enrollment and (2) to courses designated as "repetition allowed."
 - d. If an undergraduate student repeats a course after the degree has been awarded, the original course grade will not be excluded from the degree GPA nor will the new grade be included in the degree GPA.
 - e. Bracketing is the practice of not including a course in the calculation of a student's GPA and not counting the course as satisfying any undergraduate degree requirements, including electives, because a student has repeated a course. When a student repeats a course, all prior attempts are bracketed and only the most recent attempt counts, except as provided in 4(c). No department or college or campus may bracket the courses of another department or college or campus for any reason other than course repetition. An F may not be bracketed with an N. A University course may not be bracketed with a course taken at another institution.
 - f. When a student enrolled in a graduate program repeats a course, provisions 4(a) and (b) apply, but all grades for the course will be counted in the student's grade point average.

5. This policy may be modified but existing transcripts will not be modified when there are changes in policy. Changes to the grading and transcript policy will be reflected on the legend on the back of the official transcript.
6. **Compiling and reporting grading data.**
 1. Each fall, the Office of Institutional Research will produce reports on the mean grade point average by designator and course level, on the percentage of A's awarded by course level, and on overall collegiate grade point averages. Data should be reported for all undergraduate students for all terms in an academic year. Cells in the tables with fewer than 10 grades should be suppressed in order to protect the privacy of students, but the numbers should be included in the totals.
 2. The Office of Institutional Research will produce the required tables and provide them to the chair of the Senate Committee on Educational Policy and to the Office of the Executive Vice President and Provost.
 3. The information will also be reported annually to the Faculty Senate and made available to faculty and students.
7. All colleges and campuses will publish each term a dean's list, consisting of students who achieved a 3.666 term GPA or higher and who completed a minimum of 12 credits on the A-F grading system. There will be a transcript notation for each term that a student achieves the dean's list. Students who have chosen to suppress all their public information (which includes academic awards and honors) will not be included on the published dean's list.
8. **Alternative grading systems.**
 - . Only the Senate Committee on Educational Policy will have the authority to grant to individual colleges or campuses permission to use alternative grading methods outside the provisions of this official University system, for a specified period (but no longer than five years), and only for the purpose of experimenting with a new grading system for possible system-wide adoption. Such permission may be granted if the proposal does not interfere significantly with the registration options of students from other colleges, campuses, and programs. Such alternative systems will be reported for information to the University Senate as soon as permitted and, after the specified period, will be re-evaluated, either to be discontinued, or with University Senate approval on recommendation from the Senate Committee on Educational policy, made part of the system-wide policy. Except for the provisions of this section, no college or program may use any grading system except for the one contained in this policy.
 - a. Because alternative grading systems, once used, must be maintained by the University forever afterward to preserve the integrity of the transcripts, the Senate Committee on Educational Policy will rarely grant permission for alternative grading systems. It will consider doing so only when (1) those who propose it can make a persuasive case that the alternative is a more accurate and effective way to measure and record student academic performance, and (2) there is strong reason to believe that the proposal will be useful to all colleges and campuses of the University (except the Law School and Medical School).

High School Preparation

Successful applicants to Morris must complete the following courses in high school:

1. **Four years of English**, with emphasis on writing, including instruction in reading and speaking skills, and literary understanding and appreciation.
2. **Four years of mathematics required**, including two years of algebra, one of which must be intermediate or advanced algebra, and one year of geometry. Students who plan to enter the natural sciences, health sciences, or quantitative social sciences should have additional preparation beyond intermediate algebra. See the policy link for current information, policy.umn.edu/Policies/Education/Education/HIGHSCHOOLPREP.html.
3. **Three years of science**, including one year each of biological and physical science.
4. **Three years of social studies**, including U.S. history.
5. **Two years of a single foreign language**. American Indian languages and American Sign Language may also be used to fulfill this requirement.

6. **One year of arts**, including visual or performing arts. Applicants who are missing a specific requirement may not necessarily be denied admission if they are otherwise admissible.

Students are strongly urged to include computer skills courses in their college preparation program.

Standardized Test Scores

Freshmen must submit scores from the ACT or the College Board's SAT Test. As a basis for admission, applicants' ACT/SAT scores should clearly indicate strength in their aptitude and preparation. Applicants should complete the ACT/SAT assessment during one of the national testing periods (preferably spring or summer of the applicant's junior year of high school or fall of their senior year of high school) and have their assessment report sent to Morris (ACT code 2155, SAT code 6890). In certain instances in which the ACT/SAT is not readily available, scores from the on-campus residual ACT can be used for Morris admission purposes only. Please contact the Office of Admissions to schedule a residual ACT exam.

Holds on Records and Registration

Authorized University staff and faculty may impose holds on student records for financial, student conduct, or academic reasons. A hold may prevent a student from obtaining an official transcript, registering for courses, or making registration changes.

1. For advising and academic purposes, advisers or authorized collegiate staff may place a hold on the student's record that prevents the student from registering or making registration changes.
2. Authorized University staff or faculty may place a hold on a student's record for a violation of Board of Regents Policy: *Student Conduct Code*, or for failure to meet financial obligations to the University (for example, unpaid bills, library fees, unreturned keys).
3. The Executive Vice President and Provost and/or Vice President for Clinical Affairs may designate other appropriate reasons for the University to place a hold on a student's record.
4. To resolve a hold and have it removed from the record, the student must first pay the debt owed, correct the deficiency or problem, or be cleared by the Office for Community Standards (or the appropriate office on the system campuses)

Instructional Time per Course Credit

This policy guides academic units in scheduling the instructional time for a specified number of course credits. Instructional time expectations per credit do not vary with the method(s) of delivery of the course or with the length of the academic term.

For all enrollment periods and for all courses, the hours of instructional time for a course must equal at least the number of credits for the course times the number of weeks the course is offered during the full academic term. Instructional time is defined for these purposes as instruction by the instructor(s) assigned to the class as scheduled by the academic department. Instructional time does not include office hours or casual or informal time spent with students.

Course proposals must include information regarding instructional time. Proposals must provide significant evidence to justify a schedule that includes fewer total instructional hours than the standard defined in paragraph (1.). Instructional hours of all types equal to or in excess of the standard defined in paragraph (1.) need not be justified.

When reviewing a course proposal, college and campus curriculum committees and other approving bodies (e.g.,

the Council on Liberal Education) must consider the instructional hours in reaching a decision on whether to approve a proposed course; such bodies should normally reject course proposals that have fewer instructional hours than the standard defined in paragraph (1.), barring significant evidence that reduced instructional contact hours are appropriate. In their review, these bodies will also take into consideration the method(s) of delivery of the course (e.g., traditional classroom setting, various distance education delivery methods). Courses for individualized instruction such as directed study, directed readings, directed research, and internships, which require a written contract outlining the responsibilities of the student for the course, are explicitly exempted from this standard, and may have fewer instructional hours per week than the standard.

Leave of Absence and Readmission

Undergraduates are expected to maintain continuous registration every fall and spring term from the time they matriculate until they graduate. Students who will not maintain continuous registration for any reason should consult with an advisor about whether to request a leave of absence and determine the financial aid or re-admission implications of not registering.

1. Students in good academic standing will ordinarily be granted a leave of absence upon request, subject to the considerations below. The length of the leave must not exceed four terms (fall and spring terms).
 - a. Leaves of Absence should be limited to the following reasons:
 - i. Physical or mental health concerns
 - ii. Family obligations
 - iii. Financial concerns
 - iv. Military service
 - v. Academics – sequenced courses are not offered for the upcoming term, reconsidering major, academic struggles, etc.
 - vi. Career opportunities

Students with other circumstances should consult with their advisor(s) for appropriate alternatives.

2. Students may return before the expiration of their leave. Whether the student returns early or at the expiration of the leave, colleges may condition the timing of readmission to a program on availability of space.
3. Except as provided in 3a, undergraduates who fail to register for a term (excluding summer) and who have not been granted a leave of absence, or whose leave of absence has expired, will be discontinued.
 - a. Morris only: Undergraduates who fail to register for two terms (excluding summer) and who have not been granted a leave of absence, or whose leave of absence has expired, will be discontinued.
4. Students who are discontinued must contact their college office to obtain approval for readmission to a program and register for another term. Students in good academic standing at the time they were discontinued normally will be allowed to return.
5. A student who has left the University without a leave of absence for more than two consecutive terms (not including summer session) may be held to new program requirements upon returning to the University. A student returning within two terms (fall and spring) or less will be allowed to follow the program requirements in place when they left the University.
6. Readmission following a leave of absence or break in enrollment may be denied based on crimes or other serious misconduct that would have been grounds for suspension or expulsion had the student engaged in the conduct while enrolled (see Board of Regents Policy: *Student Conduct Code*.)

Prerequisites: Establishing, Enforcing, and Waiving

1. Departments and colleges should be selective in determining prerequisites for courses.
2. Prerequisites should not be set for a course except in progressive, sequence courses or where departments

can clearly demonstrate that a student will not be able to complete the course successfully without first completing the prerequisite course work.

3. Where prerequisites have been set, catalogues and course materials must list them and advise students to take only those courses for which the prerequisites have been met.
4. Where prerequisites have been set, instructors may require that any student who has not taken the specified prerequisites for the course must withdraw. Instructors may, however, grant permission, on an individual basis, for a student to take a course without having taken the prerequisite(s).
5. When a student successfully completes a prerequisite course after successfully completing a subsequent course that required the prerequisite, credit for the prerequisite course will be granted. Colleges and departments, at their discretion, may also allow students to receive credit by examination for the prerequisite course.

Satisfactory/Non-Satisfactory (S/N) Grading Policy

Limits on use of S/N grades (see Administrative Policy: *Grading and Transcripts* for definitions of S and N).

1. The maximum proportion of University S/N credits permitted within the total University credits in the degree is 25%.
2. No unit will allow S/N grading in major course work unless the S/N grading system is preset by the unit for specific courses.

Standard Class Schedule and Class Periods

A standard class schedule at the University of Minnesota Morris consists of 65-minute classes on Monday, Wednesday, Friday (MWF) or 100-minute classes on Tuesday, Thursday (TTh) with an appropriate change period between classes. Classes of longer than 65 or 100 minutes are permitted, subject to University policies governing the relationship between contact hours, credits, and student workload. See the Class Scheduling Policy at policy.umn.edu/education/classcheduling, Expected Student Academic Work per Credit Policy at policy.umn.edu/education/studentwork, and DirectedStudy, Directed Readings, and Directed Research policy at policy.umn.edu/education/directedstudy.

Overlapping Classes

Enrolling in overlapping classes is prohibited so students can attend the classes in which they enroll. Instructors may accommodate student-scheduling problems but are not required to do so. Students may petition all instructors involved in the overlap. The decision to approve or deny a petition is discretionary with each instructor involved. The Class Time Conflict Approval petition is found on the One Stop Student Services forms page under registration, onestop.morris.umn.edu/forms. The entire policy *Enrolling in Overlapping of Back-to-Back Classes* can be found at policy.umn.edu/education/overlappingclasses.

Student Conduct Code

Introduction and purpose

- This procedure implements Board of Regents Policy: *Student Conduct Code* and explains the Morris campus's process for actions initiated against students or student organizations by the University under Board of Regents Policy: *Student Conduct Code*. Procedures governing resolution of student-initiated complaints against the University are provided pursuant to Board of Regents process encourages informal resolution of complaints where appropriate.
- **Student development is emphasized.** The disciplinary process emphasizes the educational purpose in student discipline, including helping students understand and accept responsibility for their own behavior.
- **Community interests are met.** While the emphasis of the disciplinary process is on responsible student self-development, the nature of the offense may require, in fairness to the community, the imposition of disciplinary sanctions.
- **Students receive fair treatment.** Most disciplinary matters are resolved informally, with the agreement of the student. When the people involved are unable to reach agreement, however, Board of Regents Policy: *Student Conduct Code* requires that students have the opportunity to receive a fundamentally fair hearing and a campus-wide appeal.

Student Records Privacy

Regents policy, federal law, and state law regulate release of student information to third parties. University policy regulates sharing of information within the University. The federal Family Educational Rights and Privacy Act (FERPA) and the State of Minnesota Data Practices Act form the backdrop for the University's policies on access to student records.

Suppressing public information

Briefly, some of your student information is designated as directory information and is a matter of public record. This includes:

- Name
- Mailing address
- Email address
- Telephone number
- Dates of registration and registration status
- Major, adviser, college, and class
- Academic awards received and degrees received

Current and former students have the right to [make this information private](#).

Granting access to third parties

If you need to grant a third party access to information on your student record, use [Parent/Guest Access](#) or [download the Student Information Release Authorization form](#).

Access within the University

Within the University, all employees with a demonstrated need to know will be granted access to student academic information. Some employees will have access to all information, and others to limited sets of information. Employees with a need to know would include, but are not limited to:

- Advisers
- Instructors
- Unit scholastic progress representatives
- Department data managers

Under the [Regents Policy on Access to Student Records](#), all University officials who are custodians of student education records have the responsibility to educate and inform those who act in the student's educational interest of their individual responsibility for compliance with the Regents policy. Violation of the Regents policy and the procedures and guidelines may result in disciplinary action. See more on [administrative procedures and guidelines for implementing the Regents policy](#).

Access to outside agencies

Outside agencies acting on behalf of the University, the US Department of Education, authorized lending institutions, and accrediting agencies have access to specific student information.

Additional rights

As a student, you have a right to review your education records, to challenge the contents of these records, and to file a complaint with the US Department of Education.

Syllabus Policy

Instructors are required to develop a course syllabus for each offering of a course and communicate the syllabus to students unless the course is offered to an individual student (e.g. directed study, readings or research courses that require contracts between the student and instructor). For the purposes of this policy, a syllabus is a written or electronic document that contains information students need to know in order successfully to complete the work of the course.

Each syllabus includes two types of information. First is information specific to the course such as its title, goals, readings, assignments and instructor. Second is information informing students of University policies that may have an impact on their participation in the course. This information includes, for example, the University grading system, a disabilities statement, and how to resolve problems between students and instructor.

A. Syllabus Requirements: Information Specific to the Course

The elements listed in this section of the policy are required. This information may also be distributed or provided by the department or college if done so routinely and explicitly. (For additional recommendations for good practice in teaching, see *Administrative Policy: Teaching and Learning: Instructor and Unit Responsibilities: Twin Cities, Crookston, Morris, Rochester*).

1. Catalog information such as the course name, department, number, meeting time, meeting place, and credits.
2. Instructor's name and contact information.
3. Course pre-requisites if any exist.
4. Course goals and objectives. (For undergraduate courses on the Twin Cities campus, instructors are encouraged to identify learning and development outcomes addressed by the course. See Administrative

Policy: *Undergraduate Student Learning and Development Outcomes: Twin Cities, Crookston, Morris, Rochester*).

5. Required and recommended materials and, if necessary, the location of materials. After the second week of the term, minor, but not major, changes in the assigned readings may be made (see Administrative Policy: *Teaching and Learning: Instructor and Unit Responsibilities: Twin Cities, Crookston, Morris, Rochester*).
6. General description of assignments, papers, projects, exams and other student work with a schedule of approximate due dates and relative weight in the grade. Minor but not major changes may be made to assignments after the second week of the term.
7. Description of any course meetings that occur outside of the regularly scheduled class time (see Administrative Policy: *Teaching and Learning: Instructor and Unit Responsibilities: Twin Cities, Crookston, Morris, Rochester*).
8. Attendance requirements and penalties if any (see Administrative Policy: *Enrolling in Overlapping or Back-to-back Classes: Twin Cities, Crookston, Morris, Rochester*).
9. Statement on extra credit. If an instructor wishes to offer what is commonly known as extra credit opportunities for students in a class to allow them to improve their grade, those opportunities must be announced and made available to all students. (This provision does not address the option of increasing the number of credits a student may earn for the course.)
10. Policy for making up missed exams and grading late work.
11. The date, time and place of the final examination if one is scheduled. Instructors who schedule final exams that are longer than two hours must provide alternative testing times for students who have other final exams scheduled during that time (see Administrative Policy: *Scheduling Examinations, Final Examinations, and Study Days: Twin Cities, Crookston, Morris, Rochester*).

B. Syllabus Requirements – Policy Statements

Instructors must have as part of the syllabus copies of, references to, or statements on the following and are encouraged to discuss elements of the policies particularly applicable to their course (see Appendix - *Recommended Policy Statements for Syllabi*):

1. Grade definitions from Administrative Policy: *Grading and Transcripts: Twin Cities, Crookston, Morris, Rochester*.
2. Scholastic Dishonesty (see Board of Regents Policy: *Student Conduct Code* and Administrative Policy: *Teaching and Learning: Instructor and Unit Responsibilities: Twin Cities, Morris, Rochester*).
3. Administrative Policy: *Makeup Work for Legitimate Absences: Twin Cities, Crookston, Morris, Rochester*
4. Board of Regents Policy: *Student Conduct Code*; Administrative Policy: *Teaching and Learning: Student Responsibilities (Twin Cities, Crookston, Morris, Rochester)*
5. Board of Regents Policy: *Sexual Harassment, Sexual Assault, Stalking and Relationship Violence*
6. Board of Regents Policy: *Equity, Diversity, Equal Employment Opportunity, and Affirmative Action*
7. Board of Regents Policy: *Disability Services*
8. Statement about the availability of mental health and stress management services.
9. Board of Regents Policy: *Academic Freedom and Responsibility*

The Office of the Executive Vice President and Provost will prepare electronic copies of these policy statements for instructors to incorporate into syllabi. Instructors are encouraged to provide paper copies of these policies to classes with first-year students.

Teaching and Learning: Instructor Responsibility

Instructors have a responsibility to establish and maintain a civil, productive, inclusive, and stimulating learning environment. Both instructors and students have a fundamental obligation to respect the instructional setting as a place for civil, courteous discourse. Instructors have a responsibility to accommodate students with documented disabilities and are encouraged to invite students to talk or communicate with them about such circumstances. Instructors have a responsibility to accommodate legitimate student absences and student exam conflicts in accordance with the policies (1) Intercollegiate Athletic Events During Study Day and Finals Week, (2) Makeup Work

for Legitimate Absences, and (3) Scheduling Examinations, Final Examinations, and Study Days.

Instructor Responsibilities

A. Provide Course Information

1. Instructors are responsible for providing accurate and timely information about their courses to prospective students, current students, and relevant members of the University community.
2. Instructors must provide academic units and students with accurate course descriptions in a timely fashion. Instructors should use official information tools, to provide information about courses to students.
3. The course descriptions available in University catalogs and/or in the Course Guide must be generally consistent with the content of the actual course taught, though the content may vary somewhat with the individual instructor and across sections.
4. At the beginning of each course, instructors must communicate the course objectives. Class activities should be directed toward the fulfillment of these objectives and student performance should be evaluated in relationship to these objectives.
5. If an instructor changes the course requirements or materials, students should be given timely notice consistent with the magnitude of the change (e.g., a few days of notice for an additional article to read or a few weeks of notice if a paper is added). No major change (e.g., adding a research paper or major examination) should be imposed after the second week of the semester.
6. In accordance with Administrative Policy: *Grading and Transcripts*, instructors must inform students in their classes of the methods to be used in determining course grades, i.e., evaluation criteria and the contribution to the final grade of each graded component.
7. At the beginning of the course, instructors must inform students of any requirements related to regular course attendance and participation.
8. At the beginning of the course, instructors must inform students of any special attendance requirements. This includes, insofar as possible, specific dates, times, and places of additional outside-of-class work such as field trips, study sessions, or extra class meetings, and whether or not attendance at these additional activities will be reflected in the grade. If an instructor schedules mandatory activities that occur outside the regularly scheduled class time, information about these activities must be included on the syllabus and, when possible, in the class schedule.
9. Instructors should discuss scholastic dishonesty and what it means in the context of their class (e.g., whether collaboration is permitted and limits on it, requirements about and methods for citing sources, whether direct quotes are allowed and to what extent, receiving or giving aid on tests, and using electronic aids or communications during exams when prohibited).

B. Provide Students with Access to and Feedback on Their Work

1. Instructors must evaluate examinations and other student work with sufficient promptness to enhance the learning experience. Instructors must promptly return examinations or permit students to review their exams to request clarification of grades.
2. Instructors should specify the process and schedule for returning student work during the semester. Term papers and comparable projects are the property of students who prepare them (see Board of Regents Policy: [Copyright](#).)
3. Instructors who desire to retain a copy for their own files should state their intention to do so.
4. Instructors are strongly encouraged to provide sufficient graded feedback early in the term and before the deadline for withdrawing from classes to enable students to assess their progress in the course.
5. Instructors must turn in grades within three business days after the last day of final examinations.
6. Instructors must provide mid-term alerts to students in 1-xxx courses who are at risk of failing a class, in accordance with the provision of the policy on Mid-term Alerts.

C. Secure Handling of Examinations

Instructors must maintain the security of student examinations both before and after exams are given. For those using a University office, such as the Office of Measurement Services (OMS), for scoring answer sheets, instructors or their designate (departmental office employee or teaching assistant) must submit examination answer sheets in

the manner prescribed by that office.

D. Observe Scheduled Class Times

Instructors are expected to meet their classes at the scheduled times, to be prepared for all class sessions, and to start and end classes at the scheduled times.

When instructors know in advance that they will be unable to attend particular class sessions, they are responsible for working with their academic unit to make appropriate alternate arrangements.

E. Observe Office Hours or Appointment Times

Instructors must schedule and keep a reasonable number of office hours or appointment times for student conferences. The minimum number of office hours or appointment times may be defined by the academic unit.

F. Report Scholastic Dishonesty

Instructors are obligated to report suspected scholastic dishonesty to their departments and to the appropriate office on campus (on the Twin Cities campus, the Office for Community Standards; at Morris, the Office of the Vice Chancellor for Student Affairs; at Rochester, the Office of Student Affairs; and at Crookston, the Vice Chancellor of Academic Affairs and Student Life).

G. Maintain an Appropriate Learning Environment

Instructors should take appropriate steps to have removed from class students who disrupt the educational process because of discourteous, threatening, harassing, or other aggressive behavior. "Appropriate steps" may include calling the University Police.

H. Maintain the Classroom Environment

Instructors are expected to leave the classroom and its equipment in good order (e.g., white/blackboards clean, chairs arranged, electronic equipment shut off).

Teaching and Learning: Student Responsibilities

1. **Satisfying prerequisites.** Students should not register for courses in which they lack the prerequisites unless they have permission from the instructor.
2. **Responsibility for class work.** Students are responsible for knowing all information contained in the syllabus. Students are responsible for meeting all course requirements, observing all deadlines, examination times, and other course procedures.
3. **Attending class.**
 - a. Students are expected to attend all meetings of their courses. They may not be penalized for absence from class, however, to participate in religious observances, for approved University activities, and for other reasons in accordance with the policy on Makeup Work for Legitimate Absences. Students should notify instructors as soon as possible about such absences. (See Administrative Policy: *Makeup Work for Legitimate Absences: Twin Cities, Crookston, Morris, Rochester*).
 - b. Students must attend the first class meeting of every course in which they are registered unless (1) they obtain approval from the instructor before the first meeting or (2) they provide notice to the instructor they must miss class because of a recognized religious holiday (see the policy on Mandatory Attendance at First Class Session and Consequences for Absence). Otherwise, they may lose their places in class to other students. (See Administrative Policy: *Mandatory Attendance at First Class Session and Consequences for Absence: Twin Cities, Crookston, Morris, Rochester*).
 - c. Students are responsible for being on time and prepared for all class sessions.
4. **Maintaining academic integrity.** Students are expected to maintain academic integrity, including doing their own assigned work for courses. If it is determined that a student has engaged in scholastic dishonesty, the instructor may impose an academic consequence (e.g., giving the student a grade of "F" or an "N" for the course), and the student may face additional sanctions from the University. (See Board of Regents Policy: *Student Conduct Code*, Section VI, Subd 1, Scholastic Dishonesty, and Administrative Policy: *Grading and Transcripts: Twin Cities, Crookston, Morris, Rochester*).
5. **Seeking help and accommodation.**
 - a. Students are responsible for seeking academic help in a timely fashion.
 - b. Students who need special accommodations are responsible for working first with the relevant University offices and then with the instructor at the beginning of the course.
6. **Respecting intellectual property.** Students may not distribute instructor-provided notes or other course materials, except to other members of the same class or with the express (written) consent of the instructor. Instructors have the right to impose additional restrictions on course materials in accordance with copyright

and intellectual property law and policy. Students may not engage in the widespread distribution or sale of transcript-like notes or notes that are close to verbatim records of a lecture or presentation.

7. **Keeping classroom in good order.** Students may be responsible for helping straighten up a classroom at the end of a class period, if requested to do so by the instructor. Keeping a classroom in good order includes taking away or disposing of everything one came in with, such as pop cans/bottles, food containers/wrappers, newspapers, etc. Students must also not deface or damage classrooms or classroom furniture or equipment.
8. **Use of personal electronic devices in the classroom.** Instructors determine if personal electronic devices (such as cell phones and laptops) are allowed in the classroom. Students may be directed to turn off personal electronic devices if the devices are not being used for class purposes. Students are not permitted to record any part of a class/lab/other session unless explicitly granted permission by the instructor. If the student does not comply, the student may be asked to leave the classroom.
9. Guests may not be brought to class without permission from the instructor.

Transfer of Undergraduate Credit

- Credits and grades are assigned by the previous (source) college. Morris, as the target college, decides which credits meet Morris degree requirements and transfer.
- Morris accepts transfer coursework:
 1. from institutions that are regionally accredited;
 2. from institutions that provide courses that are intended for transfer to baccalaureate programs;
 3. that is comparable in nature, content, and level to courses offered by Morris;
 4. that is applicable to the bachelor of arts degree: “like” transfers to “like”;
 5. with the grade of D or above, subject to the restrictions of Morris degree requirements.
- In addition to coursework from the traditional liberal arts disciplines, Morris may accept courses in teaching licensure that compare to Morris education courses.
- Morris does not accept transfer coursework from proprietary technical colleges, business colleges, and similar postsecondary schools that are not regionally accredited. However, credit for knowledge acquired in liberal arts coursework from these programs may be obtained by special examination.
- Courses that are technical or applied do not transfer to Morris.
- The University of Minnesota transcript lists the name of each source college with the number of credits accepted from each. Grades earned in transfer courses do not count toward the GPA on the University of Minnesota transcript or toward GPA-based degree honors.
- Transfer course titles appear on Academic Progress Audit System (APAS) reports. Transfer courses may qualify to fulfill general education requirements, major/minor requirements, and teaching licensure requirements.
- In lieu of regional accreditation, evidence must be provided that instruction is collegiate level and appropriate for Morris’s liberal arts mission before credit is awarded.
- Religious studies from accredited public colleges go through the normal transfer review. Religious studies from accredited private colleges go through a special review committee.
- Transfer credits become applicable to a University of Minnesota degree program or certificate program only after the student has been admitted as a degree-seeking student.

Rights as a Transfer Student

A transfer student is entitled to:

- a fair credit review and an explanation of why credits were or were not accepted; and
- a formal appeals process. Appeals steps are listed below.
 1. The transfer student provides supplemental information to the Office of the Registrar—a syllabus, course description, or reading list;
 2. The Office of the Registrar may ask the destination department(s) to review supplemental materials;
 3. The student receives an updated APAS showing the outcome of the appeal; and
 4. The student, if dissatisfied with the outcome, can make a further appeal to the Scholastic Committee.

Understanding Degree Requirements for Transfer Students

- Not everything that transfers will help the student graduate. Morris’s bachelor of arts degree requires coursework in several categories: general education, major/minor courses with their prerequisites, and electives. The key question in determining whether transfer courses will fulfill Morris requirements is, “Will the student’s credits fulfill requirements of the degree or program chosen?”
- The Minnesota Transfer Curriculum (MnTC) is an agreement for transferring general education requirements as a package from colleges within Minnesota State Colleges and Universities (Minnesota State). The MnTC will be honored for students who have fully completed that curriculum before transfer to Morris. The remaining Morris degree requirements are:
 1. foreign language study, one year at the college level;
 2. a total of 60 general education credits outside the discipline of the major;
 3. a major or area of concentration;

4. 30 credits in residence; 15 of the last 30 credits must be from Morris;
 5. 2.00 cumulative University of Minnesota GPA;
 6. 120 credits (minimum), including credits transferred in to Morris, for the degree.
- Application of courses to Morris general education requirements for students who are transferring to Morris from within MNSCU but who have not completed the MnTC will be done on a course-by-course basis.
 - If the student changes the career goal or major, it might not be possible to complete all degree requirements within the 120 minimum total credits required for graduation.

Undergraduate Degree Requirements

It is expected that students who graduate from the University will have completed a minimum amount of coursework from the University campus from which they are seeking to graduate. Similarly, it is expected that students who receive the notation of a minor or certificate on their transcript will have completed a minimum amount of coursework from the University campus awarding that minor or certificate. This requirement allows the faculty of each campus to ensure the student meets the campus and institutional standards of achievement.

This policy implements criteria and requirements for accreditation established by the Higher Learning Commission. To meet the standards for accreditation, each University of Minnesota campus must maintain structures or practices that ensure the coherence and quality of the programs for which it awards a degree, including that at a minimum, 30 of the 120 credits earned for the bachelor's degree are earned at the campus itself.

To receive an undergraduate degree, or to have a minor or certificate recorded on their transcript, students must complete a required minimum of their coursework from the campus that awards the degree, minor, or certificate (commonly referred to as "resident credit" or "credit in residence").

No more than 8 credits in Music Ensembles, Mus 1300 through Mus 1340, no more than 4 credits in SSA 12xx skills courses, no more than 4 credits Varsity Athletics, SSA 14xx, and no more than 32 credits of IS 3796, 3896, 3996 may be applied to the 120 credit degree requirement.

Resident credit includes the traditional courses offered on the campus, as well as study-abroad credits earned through programs sponsored by the University of Minnesota campus, and credits earned in online courses offered by the University of Minnesota campus.

Students may earn a major and a minor from two different campuses.

Minimum requirements for credits in residence are as follows:

Undergraduate (baccalaureate) degree

1. At least 30 semester credits.
2. At least 15 credits of the last 30 credits.
3. At least half of upper-division (3xxx-level or higher) credits that satisfy major requirements (major requirements includes all courses required for the major, including courses in a subplan).

Undergraduate minor

4. At least 3 upper-division credits that satisfy requirements for the minor at the campus that will award the minor

Colleges or campuses may, with approval of the Executive Vice President and Provost or Chancellor, establish standards higher than those set in this policy for credits in residence. Students must be informed of such additional requirements.

University Honors

Graduation with Distinction or High Distinction

To qualify for a degree with distinction or high distinction, a student must have completed 60 or more semester credits at the University. For the purposes of meeting the grade point average standards, only University coursework will be counted. To graduate “with distinction,” a student must have a cumulative GPA of 3.750 or higher at the time the student graduates. To graduate “with high distinction,” a student must have a cumulative GPA of 3.900 or higher. The GPA alone will be used in determining the granting of degrees “with distinction” or “with high distinction.”

Graduation With Honors

Students graduating with honors are those who have successfully completed the Morris Honors Program. (See Honors Program for detailed program requirements.)

Withdrawal from the University

By registering for classes, students enter into a contract to pay for all tuition and fees. Students are responsible for all transactions on their academic records.

To withdraw from all academic coursework at the University, a student must officially cancel all courses through the last day of the tenth week of the semester. After that date, students who believe they have extenuating circumstances may submit a petition to the collegiate Advising & Academic Services office to withdraw from the University.

Students Called to Military Duty

Students who are called to active military duty may withdraw from UMM. The University works with students to remove them from classes and resolve tuition and other financial issues. Students must submit a copy of their military orders and will be asked to complete a retroactive tuition petition. As a general rule, the petition is approved for a 100 percent refund unless there are negative financial aid implications for the student. Students are advised about what would be the most beneficial for their situation.

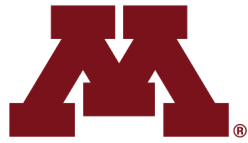
Tuition Refund for Withdrawal

Refunds for withdrawal from the university are the same as for individual course withdrawals: 100 percent tuition and fee refund on or before the end of the first week of the semester; 75 percent on or before the end of the second week; 50 percent on or before the end of third week; 25 percent on or before the end of the fourth week. No refunds are given after the fourth week. Courses that are shorter in length than the full semester have an abbreviated refund schedule. Withdrawing from courses can have financial and academic implications, possibly affecting billing, financial aid, and VA benefits, etc. The withdrawal could result in debt to the University, government or both. After the fourth week, refunds beyond the published schedule will be granted by appeal only. A Tuition Refund Appeal with relevant documentation should be submitted to One Stop Student Services.

Medical Withdrawal

Appeal for medical withdrawal must include documentation from a licensed medical or mental health professional indicating:

- Date of onset of illness
- Date at which initial treatment was sought
- Diagnosis
- Dates of treatment service
- Severity of illness



UNIVERSITY OF MINNESOTA
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University of Minnesota Morris 2021-2023 Undergraduate Programs

This document serves as an official historical record for a specific period in time. The information found is subject to change without notice. Colleges and departments make changes to their degree requirements and course descriptions frequently. More information is available at catalogs.umn.edu.

For current information, refer to:

- Program search: z.umn.edu/publicprogramsearch
- Course search: z.umn.edu/publiccoursecatalog
- University policies: policy.umn.edu

University of Minnesota Morris
600 East 4th Street, Morris, Minnesota 56267
www4.morris.umn.edu

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Morris Campus

African and Black American Studies Minor

M Acad Dean's Admin

Academic Affairs

- Program Type: Undergraduate free-standing minor
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20

This is an interdisciplinary major under the authority of the vice chancellor for academic affairs and dean. The program is administered by the African and Black Studies program coordinator.

In the African and Black American studies (ABAS) minor, students explore the histories, arts, cultures, and literatures of people of African descent in the United States, Africa, and throughout the African diaspora. This minor enables students of all racial and ethnic identities to study issues pertinent to Africa and the African diaspora while integrating their understanding of those issues into the broader context of world histories and cultures.

The ABAS minor offers an interdisciplinary and inter-divisional curriculum that invites students to explore a variety of intellectual approaches and to make methodological and thematic connections and comparisons among multiple fields.

Program Student Learning Outcomes:

Upon completion of the African and Black American Studies minor, students will be able to:

*Identify, define and analyze a range of Black or African models of thought, being, experience across the United States, Africa, and/or the African Diaspora.

*Describe and analyze the manifestations and consequences of racism and colonialism in the past and present, which have shaped the lives of people, regardless of racial, ethnic, and national background.

*Use theories of Black subjectivity to illuminate experiences in the world.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Courses for the minor may not be taken S/N unless offered S/N only. No grades below C- are allowed.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Minor Requirements

Students must take a minimum of 20 credits in at least two different disciplines. Students can take a maximum of 8 credits at the 1xxx level.

Black or African Models of Thought, Being, and Experience

Students take a minimum of 4 credits in courses teaching them to identify, define and analyze a range of Black or African models of thought, being, and experience, across the United States, Africa, and/or the African Diaspora.

Take 4 or more credit(s) from the following:

- [FREN 1311](#) - Sub-Saharan Francophone Cinema [IP] (4.0 cr)
- [HIST 1112](#) - Introduction to African History to 1880 [HIST] (4.0 cr)
- [HIST 1823](#) - The American 1960s [IC] (2.0 cr)
- [HIST 1824](#) - Black Morris [IC] (4.0 cr)
- [MUS 1043](#) - American Jazz Styles [FA] (4.0 cr)

Manifestations and Consequences of Racism and Colonialism

Students take a minimum of 4 credits in courses asking them to describe and analyze the manifestations and consequences of racism and colonialism in the past and present, which have shaped the lives of people, regardless of racial, ethnic, and national backgrounds.

Take 4 or more credit(s) from the following:

- [ENGL 2041](#) - Introduction to African American Literature [HDIV] (4.0 cr)
- [FREN 3004](#) - Francophone Studies: Civilization and Composition: Colonialism and Francophone Worlds [HIST] (2.0 cr)
- [HIST 1113](#) - Introduction to African History since 1880 [HIST] (4.0 cr)



- HIST 1822 - Age of Atlantic Revolutions [IC] (2.0 cr)
- HIST 2312 - History of South Africa to 1976 [HIST] (4.0 cr)
- HIST 2313 - History of South Africa since 1910 [IP] (4.0 cr)
- HIST 2608 - History of Cuba: From Colony to Revolutionary State [HIST] (4.0 cr)
- HIST 2609 - History of Brazil: From Sugar to Sugar Cars [HIST] (4.0 cr)
- HIST 3356 - Civil Rights Era, 1954-1974 [E/CR] (4.0 cr)
- POL 2234 - Race, Class and Power: Social Movements in U.S. Politics [HDIV] (2.0 cr)
- POL 2235 - Race, Class and Power: Interest Groups in U.S. Politics [HDIV] (2.0 cr)
- SPAN 3685 - Seminar: Slavery and Abolition in Cuban Literature and Culture [IP] (4.0 cr)

Theories of Black Subjectivity

Students take a minimum of 4 credits in courses challenging them to use theories of Black subjectivity to illuminate experiences in the world.

Take 4 or more credit(s) from the following:

- ENGL 3331 - African American Literature [HDIV] (4.0 cr)
- ENGL 3332 - African American Women Writers [HDIV] (4.0 cr)
- ENGL 3522 - Harlem Renaissance [HDIV] (4.0 cr)
- FREN 3603 - Francophone Studies: Witches, Wilderness, and Words in African Folktales (4.0 cr)
- FREN 3605 - Francophone Studies: Maghrebian Cinema (4.0 cr)
- FREN 3606 - Francophone Studies: Sub-Saharan Francophone Cinema (4.0 cr)
- HIST 3021 - Gender and Sexuality in African History [E/CR] (4.0 cr)
- HIST 3304 - Race, Class, and Gender in American History [HDIV] (4.0 cr)
- MUS 3305 - West African Styles in African American Music [FA] (2.0 cr)
- PSY 3542 - Multicultural Psychology [HDIV] (4.0 cr)
- SPAN 3687 - Seminar: Afro-Hispanic Literature and Culture [HDIV] (4.0 cr)

Electives

Students will complete additional elective credits in courses with some African or Black American content to reach 20 credits, as a minimum, in the minor. Elective courses can be selected from the courses listed above in the core requirements (exclusive of those used to meet the requirements) or the following:

Take at most 4 credit(s) from the following:

- ENGL 1403 - Sports Literature and Writing [ART/P] (4.0 cr)
- GWSS 1101 - Introduction to Gender, Women, and Sexuality Studies [HDIV] (4.0 cr)
- HIST 1111 - Introduction to World History [HIST] (4.0 cr)
- HIST 1301 - Introduction to U.S. History [HIST] (4.0 cr)
- MUS 1049 - Introduction to American Popular Music [HUM] (4.0 cr)
- Take 0 - 12 credit(s) from the following:
 - ARTH 2107 - Global Modernisms: Modern Art in Latin America, Asia, Africa, and Beyond [FA] (4.0 cr)
 - ARTH 3221 - Global Contemporary Art, 1945 to the Present [FA] (4.0 cr)
 - ARTH 3231 - History of Photography [FA] (4.0 cr)
 - ED 2221 - Diversity and Identity in Literature and Film [HDIV] (4.0 cr)
 - ENGL 3063 - Environmental Justice Literatures [HDIV] (4.0 cr)
 - ENGL 3175 - Social Justice Biofiction [HUM] (4.0 cr)
 - ENGL 3301 - U.S. Multicultural Literature [HDIV] (4.0 cr)
 - ENGL 4017 - Research Seminar: Tricksters-Conjurors in American Indian and African American Literature [HDIV] (4.0 cr)
 - HIST 3355 - United States in Transition, 1877-1920 [HIST] (4.0 cr)
 - HIST 3358 - Civil War and Reconstruction [HIST] (4.0 cr)
 - HIST 3614 - Race and Ethnicity in Latin America [HDIV] (4.0 cr)
 - MUS 2406 - Jazz Style and Repertoire [FA] (2.0 cr)
 - SOC 3121 - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
 - SOC 3141 - Sociology of Deviance [E/CR] (4.0 cr)



Morris Campus

Anthropology B.A.

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 43
- Degree: Bachelor of Arts

The anthropology curriculum provides a comparative understanding of the range of human cultures throughout the world in humanistic, scientific, and social scientific terms. Anthropology provides the skills and knowledge needed to navigate a diverse world and solve the complex problems that face today's communities.

Objectives:

Anthropology courses provide an understanding of human beings and human society with respect to both biology and culture. Students are exposed to a broad historical and comparative framework within which to view the variety of human cultures. Coursework deals with concepts techniques, and substantive knowledge of the branches of the field: anthropology, cultural anthropology, archaeology, and applied anthropology.

Program Student Learning Outcomes:

1 - Increased Multicultural Competency

Awareness of one's own cultural filters, ability to think comparatively across sociocultural contexts, and to apply a culturally relative perspective regarding cultural diversity

2 - Applications of Anthropological Perspectives

Development of an anthropological sensibility that enables one to distill social meaning from everyday encounters with individuals, material objects, texts, and other social phenomena, with reference to both past and present human biological, ethnic, and cultural variation; ability to articulate anthropological insights into contemporary issues, and to apply them to the workplace and contemporary world

3 - Research Methods and Theories

Familiarity with anthropological literature and qualitative and quantitative data in at least one of the subdisciplines of anthropology; ability to develop an original research project, and to conduct ethnographic or archaeological field work using appropriate methods; effective communication of anthropological data and/or fieldwork

4 - Ethical Principles

Understanding of ethical principles relative to the conduct of anthropological research and processes, and the application of research findings

5 - Understanding Human Variation

Achievement of a holistic knowledge of the discipline as a whole, and ability to articulate in a knowledgeable way the central ideas from the subdisciplines of cultural anthropology, biological anthropology, and archaeology; understanding and appreciation of contemporary ethnic/cultural variation, bio-cultural systems, and modern biological diversity

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Students develop a coherent program of study in consultation with their major advisor generally no later than the spring semester of their sophomore year.

Up to four credits of D+ or D may be used to meet the major requirements if offset by a sufficient number of higher grades to meet the minimum requirement of a cumulative GPA of 2.00 in all courses in the major. Courses may not be taken S/N unless offered S/N only, with the exception of up to 2 credits of Anth 4xxx which may be taken S/N and counted toward the major requirements.

The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- ANTH 1103 - People of the Past: Introduction to Archaeology [SS] (4.0 cr)
- ANTH 1111 - Introductory Cultural Anthropology [SS] (4.0 cr)
- ANTH 1201 - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)
- ANTH 2001 - How We Study People: Introduction to Methods in Cultural Anthropology [SS] (2.0 cr)
- ANTH 2002 - Learning from the Dead: Introduction to Methods in Archaeology and Biological Anthropology [SS] (2.0 cr)
- ANTH 4902 - Senior Seminar (2.0 cr)

Required Anthropology Skills

- ANTH 2151 - Professional Skills in Anthropology [SS] (2.0 cr)

Required Anthropology Theory

- ANTH 3001 - Theory in Cultural Anthropology (2.0 cr)
- or ANTH 3002 - Theory in Archaeology and Biological Anthropology (2.0 cr)

Required Anthropology Research

- ANTH 4411 - Research in Cultural Anthropology [E/CR] (4.0 cr)
- or ANTH 4412 - Research in Archaeology and Biological Anthropology (4.0 cr)

Elective Courses

An additional 16 credits in anthropology and sociology courses, 12 of which must be in courses 3xxx or above. No more than 4 credits can be from IS 3796. Up to 8 credits can be from classes outside of anthropology or sociology, with approval of the anthropology faculty, if they have substantial anthropological content, or are in related fields.

Lower Division Elective Courses

Take at most 4 credit(s) from the following:

- ANTH 1813 - Culture on TV: An Introduction to Anthropology [IC] (2.0 cr)
- ANTH 1xxx
- ANTH 2121 - Topics in Cultural Anthropology [SS] (4.0 cr)
- ANTH 2202 - Men and Masculinities [SS] (4.0 cr)
- ANTH 2204 - Anthropology of Education: Learning and Schooling in Ethnographic Perspective [SS] (4.0 cr)
- ANTH 2206 - Sex, Marriage, and Family [HDIV] (4.0 cr)
- ANTH 2501 - Medical Anthropology-An Overview [SS] (2.0 cr)
- ANTH 2xxx
- SOC 1101 - Introductory Sociology [SS] (4.0 cr)
- SOC 1xxx
- SOC 2xxx

Upper Division Elective Courses

Take 12 or more credit(s) from the following:

- ANTH 3204 - Culture, Food, and Agriculture [ENVT] (4.0 cr)
- ANTH 3251 - Health and Human Ecology [ENVT] (2.0 cr)
- ANTH 3402 - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- ANTH 3455 - North American Archaeology [SS] (4.0 cr)
- ANTH 3461 - Archaeology of Eurasia and Africa [SS] (4.0 cr)
- ANTH 3502 - Latinos in the Midwest [SS] (4.0 cr)
- ANTH 3603 - Latin American Archaeology [SS] (4.0 cr)
- ANTH 3604 - Gender and Sexuality in Latin America [IP] (4.0 cr)
- ANTH 3701 - Forensic Anthropology [SCI-L] (4.0 cr)
- ANTH 3704 - Anthropological Genetics [SCI] (4.0 cr)
- ANTH 3705 - The Archaeology of Death and Burial (4.0 cr)
- ANTH 3751 - Primatology [SCI] (2.0 cr)
- ANTH 3761 - Human Fossil Record [SCI] (2.0 cr)
- ANTH 3xxx
- ANTH 4501 - Archaeological Fieldschool [SS] (4.0 cr)
- ANTH 4xxx
- IS 3796 - Interdisciplinary Internship in the Helping Professions (1.0 - 16.0 cr)
- SOC 3103 - Research Methodology in Sociology (4.0 cr)
- SOC 3112 - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- SOC 3121 - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- SOC 3122 - Sociology of Childhoods [HDIV] (4.0 cr)
- SOC 3123 - Sociology of Aging [HDIV] (4.0 cr)



- SOC 3131 - World Population [ENVT] (4.0 cr)
- SOC 3141 - Sociology of Deviance [E/CR] (4.0 cr)
- SOC 3252 - Women in Muslim Society [IP] (4.0 cr)
- SOC 3403 - Sociological Theory (4.0 cr)
- SOC 3xxx
- SOC 4xxx



Morris Campus

Anthropology Minor

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20 to 21

The anthropology curriculum provides a comparative understanding of the range of human cultures throughout the world in humanistic, scientific, and social scientific terms. Anthropology provides the skills and knowledge needed to navigate a diverse world and solve the complex problems that face today's communities.

Objectives:

Anthropology courses provide an understanding of human beings and human society with respect to both biology and culture. Students are exposed to a broad historical and comparative framework within which to view the variety of human cultures. Coursework deals with concepts techniques, and substantive knowledge of the branches of the field: anthropology, cultural anthropology, archaeology, and applied anthropology.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Up to four credits of D+ or D may be used to meet the minor requirements if offset by a sufficient number of higher grades to meet the minimum cumulative GPA of 2.00 in all courses included in the minor. Courses may not be taken S/N unless offered S/N only.

The GPA includes all, and only, University of Minnesota course work. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Take exactly 2 course(s) from the following:

- [ANTH 1103](#) - People of the Past: Introduction to Archaeology [SS] (4.0 cr)
- [ANTH 1111](#) - Introductory Cultural Anthropology [SS] (4.0 cr)
- [ANTH 1201](#) - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)

Required Anthropology Methods

- [ANTH 2001](#) - How We Study People: Introduction to Methods in Cultural Anthropology [SS] (2.0 cr)
- or [ANTH 2002](#) - Learning from the Dead: Introduction to Methods in Archaeology and Biological Anthropology [SS] (2.0 cr)

Required Anthropology Theory

- [ANTH 3001](#) - Theory in Cultural Anthropology (2.0 cr)
- or [ANTH 3002](#) - Theory in Archaeology and Biological Anthropology (2.0 cr)

Elective Courses

An additional 8 credits in anthropology and sociology courses, 4 of which must be in courses 2xxx or above. No more than 4 credits can be from IS 3796.

Lower Division Elective Courses

Take at most 4 credit(s) from the following:

- [ANTH 1813](#) - Culture on TV: An Introduction to Anthropology [IC] (2.0 cr)
- ANTH 1xxx
- [ANTH 2121](#) - Topics in Cultural Anthropology [SS] (4.0 cr)
- [ANTH 2202](#) - Men and Masculinities [SS] (4.0 cr)
- [ANTH 2204](#) - Anthropology of Education: Learning and Schooling in Ethnographic Perspective [SS] (4.0 cr)
- [ANTH 2206](#) - Sex, Marriage, and Family [HDIV] (4.0 cr)
- [ANTH 2501](#) - Medical Anthropology-An Overview [SS] (2.0 cr)
- ANTH 2xxx
- [SOC 1101](#) - Introductory Sociology [SS] (4.0 cr)
- SOC 1xxx



- SOC 2xxx

Upper Division Elective Courses

Take 4 or more credit(s) from the following:

- [ANTH 3204](#) - Culture, Food, and Agriculture [ENVT] (4.0 cr)
- [ANTH 3251](#) - Health and Human Ecology [ENVT] (2.0 cr)
- [ANTH 3402](#) - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- [ANTH 3455](#) - North American Archaeology [SS] (4.0 cr)
- [ANTH 3461](#) - Archaeology of Eurasia and Africa [SS] (4.0 cr)
- [ANTH 3502](#) - Latinos in the Midwest [SS] (4.0 cr)
- [ANTH 3603](#) - Latin American Archaeology [SS] (4.0 cr)
- [ANTH 3604](#) - Gender and Sexuality in Latin America [IP] (4.0 cr)
- [ANTH 3701](#) - Forensic Anthropology [SCI-L] (4.0 cr)
- [ANTH 3704](#) - Anthropological Genetics [SCI] (4.0 cr)
- [ANTH 3705](#) - The Archaeology of Death and Burial (4.0 cr)
- [ANTH 3751](#) - Primatology [SCI] (2.0 cr)
- [ANTH 3761](#) - Human Fossil Record [SCI] (2.0 cr)
- ANTH 3xxx
- [ANTH 4501](#) - Archaeological Fieldschool [SS] (4.0 cr)
- ANTH 4xxx
- [IS 3796](#) - Interdisciplinary Internship in the Helping Professions (1.0 - 16.0 cr)
- [SOC 3103](#) - Research Methodology in Sociology (4.0 cr)
- [SOC 3112](#) - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- [SOC 3121](#) - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- [SOC 3122](#) - Sociology of Childhoods [HDIV] (4.0 cr)
- [SOC 3123](#) - Sociology of Aging [HDIV] (4.0 cr)
- [SOC 3131](#) - World Population [ENVT] (4.0 cr)
- [SOC 3141](#) - Sociology of Deviance [E/CR] (4.0 cr)
- [SOC 3252](#) - Women in Muslim Society [IP] (4.0 cr)
- [SOC 3403](#) - Sociological Theory (4.0 cr)
- SOC 3xxx
- SOC 4xxx



Morris Campus

Area of Concentration B.A.

M Academic Success, Office of

Academic Affairs

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 35 to 50
- Degree: Bachelor of Arts

Requirements for the bachelor of arts (B.A.) degree from UMM consist of two parts: general education and the major. Students complete a major by fulfilling the requirements as specified in the UMM Catalog. Instead of a major, some students may choose to complete an area of concentration, which is an individualized, often interdisciplinary, group of courses that meets the requirement of study in depth of a specific field of knowledge.

Prototypes for areas of concentration already given provisional approval by the dean--including actuarial science, American Indian studies, American studies, animal behavior, art therapy, biochemistry with forensics science, biology with forensics science, biostatistics, chemistry with forensics science, criminal justice, digital media studies, environmental studies, international studies, journalism, peace studies, and sports management--can be found online at www.morris.umn.edu/academic/areas. Students must fill out appropriate forms and request approval.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Students who wish to complete an area of concentration must have the program approved by appropriate faculty advisers, division chairpersons, and the vice chancellor for academic affairs and dean. Detailed procedures and forms are available from the Office of the Vice Chancellor for Academic Affairs and Dean.

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of higher grades.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Designing a major

Samples of areas of concentration are available on the Advising Web site and the Academic Affairs Web site.



Morris Campus

Area of Concentration Minor

M Academic Success, Office of

Academic Affairs

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20 to 30

Instead of a minor, some students may choose to complete an area of concentration, which is an individualized, often interdisciplinary, group of courses that meets the requirement of study in depth of a specific field of knowledge.

Students must fill out appropriate forms and request approval.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Students who wish to complete an area of concentration minor must have the program approved by appropriate faculty advisers, division chairpersons, and the vice chancellor for academic affairs and dean. Detailed procedures and forms are available from the Office of the Vice Chancellor for Academic Affairs and Dean.

A cumulative GPA of 2.0 in all courses included in the minor is required.

Morris Campus

Art History B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 46
- Degree: Bachelor of Arts

Art history involves the interdisciplinary study of the numerous ways in which the visual arts reflect, react to, and shape the world's cultures. Given art history's dynamic intersections with such fields as anthropology, history, philosophy, psychology, studio art, literature, and languages, it is not only a quintessential liberal arts major, but it allows many of our students to successfully double-major. By teaching visual literacy, the art history curriculum prepares all students to critically analyze works of art, architecture, and other forms of material culture, allowing them to become more knowledgeable interpreters of the visual world in which we live. In-depth research projects allow majors and minors to not only synthesize existing scholarship, but also to formulate and articulate their own ideas. Research, teaching, and administrative assistantships, in addition to museum or gallery internships, allow art history students to further engage with the field and gain invaluable practical experience.

Objectives, Recommendations, and Program Student Learning Outcomes

The purposes of the art history curriculum are:

- 1) To develop students' understanding of a variety of historical traditions and methods of interpretation in the visual arts.
- 2) To develop and improve students' ability to analyze and interpret works of art through oral and written means.
- 3) To help students discover the rich and complex relationship of art to other aspects of culture.
- 4) To encourage students to have direct contact with art by means of studio art courses, class field trips and assignments, gallery internships, and study abroad experiences.

The discipline also recommends four semesters of college-level courses in foreign language.

Through the various program objectives listed above, students will be introduced to, review, and have the opportunity to master at different levels the following UMM student learning outcomes:

Knowledge of Human Cultures including core studies in the liberal arts, in-depth study of a particular field, and engagement with big questions.

Relevant Intellectual and Practical Skills including critical thinking & problem-solving; creative thinking & artistic expression; visual literacy; and written, multi-media, and oral communication.

An Understanding of the Roles of Individuals in Society including intercultural knowledge and competence, as well as aesthetic/artistic engagement.

Capacity for Integrative Learning, including synthesis and advanced accomplishment across general and specialized studies and through co- and extra-curricular activities; application of knowledge, skills, and responsibilities to new settings and progressively more complex problems; and skills for sustained learning and personal development.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

No grades below C- are allowed. Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

[ARTH 1101](#) - Interpreting the Visual World: An Introduction to Art History [FA] (4.0 cr)

[ARTH 1111](#) - Ancient to Medieval Art [FA] (4.0 cr)

[ARTH 1121](#) - Renaissance to Modern Art [FA] (4.0 cr)

Take ArH 4901 in the spring semester of the senior year.

[ARTH 4901](#) - Art History Capstone (2.0 cr)

Studio Essentials or two courses in two different media or a combination of the two options.

The Studio Essentials courses are preparation for advanced work in studio art. The two related parts must be taken concurrently and in sequence. Two 1xxx ARTS courses, in two different media OR the first term of Studio Essentials and one or two 1xxx ArtS course(s) may substitute for the basic studio sequence totaling 8 credits.

First Term of Studio Essentials

[ARTS 1101](#) - Studio Essentials: Observational Drawing [ART/P] (2.0 cr)

[ARTS 1103](#) - Studio Essentials: Materials and Design [ART/P] (2.0 cr)

Second Term of Studio Essentials

[ARTS 1102](#) - Studio Essentials: Experimental Drawing [ART/P] (2.0 cr)

[ARTS 1104](#) - Studio Essentials: Materials and Space [ART/P] (2.0 cr)

or 1xxx-level ARTS Courses (in 2 different media)

Take 2 or more course(s) totaling 8 or more credit(s) from the following:

- [ARTS 1001](#) - Visual Studies for Non-Majors: Drawing [ART/P] (2.0 - 4.0 cr)
- [ARTS 1002](#) - Visual Studies for Non-Majors: Digitally Assisted Design [ART/P] (2.0 - 4.0 cr)
- [ARTS 1003](#) - Visual Studies for Non-Majors: Painting [ART/P] (2.0 - 4.0 cr)
- [ARTS 1004](#) - Visual Studies for Non-Majors: Printmaking [ART/P] (2.0 - 4.0 cr)
- [ARTS 1005](#) - Visual Studies for Non-Majors: Photography [ART/P] (2.0 - 4.0 cr)
- [ARTS 1008](#) - Visual Studies for Non-Majors: Ceramics [ART/P] (2.0 - 4.0 cr)
- [ARTS 1014](#) - Visual Studies for Non-Majors: Sculpture [ART/P] (2.0 - 4.0 cr)

Elective Courses

Take 24 or more credits from the following, but no more than 12 credits from 2xxx-level courses

2xxx-Level Electives

Take at most 12 credit(s) from the following:

- [ARTH 2102](#) - Art and Archaeology of Ancient Greece [FA] (4.0 cr)
- [ARTH 2103](#) - Art and Archaeology of Ancient Rome [FA] (4.0 cr)
- [ARTH 2104](#) - Irish Art and Archaeology [FA] (4.0 cr)
- [ARTH 2106](#) - Rome, Jerusalem, and Constantinople: The Art of Three Ancient Capitals [FA] (4.0 cr)
- [ARTH 2107](#) - Global Modernisms: Modern Art in Latin America, Asia, Africa, and Beyond [FA] (4.0 cr)
- ARTH 2xxx

3xxx- and 4xxx-Level Electives

Take 12 or more credit(s) from the following:

- [ARTH 3112](#) - Faith, Image, and Power: Art and the Byzantine Empire [FA] (4.0 cr)
- [ARTH 3113](#) - Early Islamic Art and Culture [FA] (4.0 cr)
- [ARTH 3132](#) - Castles and Cathedrals [FA] (4.0 cr)
- [ARTH 3142](#) - Art of the Italian Renaissance, 1300-1520 [FA] (4.0 cr)
- [ARTH 3161](#) - After Leonardo: Mannerist and Venetian Renaissance Art [FA] (4.0 cr)
- [ARTH 3171](#) - Baroque Art [FA] (4.0 cr)
- [ARTH 3191](#) - American Art to 1900 [FA] (4.0 cr)
- [ARTH 3201](#) - Nineteenth-Century Art in Europe [FA] (4.0 cr)
- [ARTH 3211](#) - Modern European Art from Impressionism to Surrealism [FA] (4.0 cr)
- [ARTH 3221](#) - Global Contemporary Art, 1945 to the Present [FA] (4.0 cr)
- [ARTH 3222](#) - History of Twentieth-Century Design [FA] (4.0 cr)
- [ARTH 3231](#) - History of Photography [FA] (4.0 cr)
- [ARTH 3272](#) - Athens, Art, and Theatre [FA] (4.0 cr)
- [ARTH 3273](#) - Ars Otii: The Art of Roman Leisure [FA] (4.0 cr)
- [ARTH 3274](#) - Modern Art in Germany [FA] (4.0 cr)
- [ARTH 3281](#) - Women and Art [FA] (4.0 cr)
- [ARTH 3291](#) - Facing the Past: Portraiture and Social History [FA] (4.0 cr)
- ARTH 3xxx
- ARTH 4xxx

Morris Campus

Art History Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 24

Art history involves the interdisciplinary study of the numerous ways in which the visual arts reflect, react to, and shape the worlds cultures. Given art history's dynamic intersections with such fields as anthropology, history, philosophy, psychology, studio art, literature, and languages, it is not only a quintessential liberal arts major, but it allows many of our students to successfully double-major. By teaching visual literacy, the art history curriculum prepares all students to critically analyze works of art, architecture, and other forms of material culture, allowing them to become more knowledgeable interpreters of the visual world in which we live. In-depth research projects allow majors and minors to not only synthesize existing scholarship, but also to formulate and articulate their own ideas. Research, teaching, and administrative assistantships, in addition to museum or gallery internships, allow art history students to further engage with the field and gain invaluable practical experience.

Objectives, Recommendations, and Program Student Learning Outcomes:

The purposes of the art history curriculum are:

- 1) To develop students' understanding of a variety of historical traditions and methods of interpretation in the visual arts.
- 2) To develop and improve students' ability to analyze and interpret works of art through oral and written means.
- 3) To help students discover the rich and complex relationship of art to other aspects of culture.
- 4) To encourage students to have direct contact with art by means of studio art courses, class field trips and assignments, gallery internships, and study abroad experiences.

The discipline also recommends four semesters of college-level courses in a foreign language.

Through the various program objectives listed above, students will be introduced to, review, and have the opportunity to master at different levels the following UMM student learning outcomes:

Knowledge of human cultures including core studies in the liberal arts, in-depth study of a particular field, and engagement with big questions.

Relevant intellectual and practical skills including critical thinking & problem-solving; creative thinking and artistic expression; visual literacy; and written, multi-media, and oral communication.

An understanding of the roles of individuals in society including intercultural knowledge and competence, as well as aesthetic/artistic engagement.

Capacity for integrative learning, including synthesis and advanced accomplishment across general and specialized studies and through co- and extra-curricular activities; application of knowledge, skills, and responsibilities to new settings and progressively more complex problems; and skills for sustained learning and personal development.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- [ARTH 1101](#) - Interpreting the Visual World: An Introduction to Art History [FA] (4.0 cr)
- [ARTH 1111](#) - Ancient to Medieval Art [FA] (4.0 cr)
- [ARTH 1121](#) - Renaissance to Modern Art [FA] (4.0 cr)

Elective Courses



Take 12 or more credits from the following, but no more than 8 credits from 2xxx-level courses

2xxx-Level Electives

Take at most 8 credit(s) from the following:

- [ARTH 2102](#) - Art and Archaeology of Ancient Greece [FA] (4.0 cr)
- [ARTH 2103](#) - Art and Archaeology of Ancient Rome [FA] (4.0 cr)
- [ARTH 2104](#) - Irish Art and Archaeology [FA] (4.0 cr)
- [ARTH 2106](#) - Rome, Jerusalem, and Constantinople: The Art of Three Ancient Capitals [FA] (4.0 cr)
- [ARTH 2107](#) - Global Modernisms: Modern Art in Latin America, Asia, Africa, and Beyond [FA] (4.0 cr)
- ARTH 2xxx

3xxx- and 4xxx-Level Electives

Take 4 or more credit(s) from the following:

- [ARTH 3112](#) - Faith, Image, and Power: Art and the Byzantine Empire [FA] (4.0 cr)
- [ARTH 3113](#) - Early Islamic Art and Culture [FA] (4.0 cr)
- [ARTH 3132](#) - Castles and Cathedrals [FA] (4.0 cr)
- [ARTH 3142](#) - Art of the Italian Renaissance, 1300-1520 [FA] (4.0 cr)
- [ARTH 3161](#) - After Leonardo: Mannerist and Venetian Renaissance Art [FA] (4.0 cr)
- [ARTH 3171](#) - Baroque Art [FA] (4.0 cr)
- [ARTH 3191](#) - American Art to 1900 [FA] (4.0 cr)
- [ARTH 3201](#) - Nineteenth-Century Art in Europe [FA] (4.0 cr)
- [ARTH 3211](#) - Modern European Art from Impressionism to Surrealism [FA] (4.0 cr)
- [ARTH 3221](#) - Global Contemporary Art, 1945 to the Present [FA] (4.0 cr)
- [ARTH 3222](#) - History of Twentieth-Century Design [FA] (4.0 cr)
- [ARTH 3231](#) - History of Photography [FA] (4.0 cr)
- [ARTH 3272](#) - Athens, Art, and Theatre [FA] (4.0 cr)
- [ARTH 3273](#) - Ars Otii: The Art of Roman Leisure [FA] (4.0 cr)
- [ARTH 3274](#) - Modern Art in Germany [FA] (4.0 cr)
- [ARTH 3281](#) - Women and Art [FA] (4.0 cr)
- [ARTH 3291](#) - Facing the Past: Portraiture and Social History [FA] (4.0 cr)
- ARTH 3xxx
- ARTH 4xxx

Morris Campus

Biology B.A.

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 61 to 62
- Degree: Bachelor of Arts

The biology curriculum is designed to provide students with biological knowledge and to develop scientific skills as part of their liberal arts education. Included in those skills are the abilities to conduct and interpret scientific research and to successfully communicate scientific information both verbally and in writing. The faculty believes these objectives can best be attained through a balanced core curriculum in biology and a diverse array of elective coursework, both of which include active lab and field experiences. The biology major prepares students for graduate or professional programs and for careers such as secondary biology education, government service, or private sector employment. The biology discipline also offers a variety of 10XX courses that are designed specifically for students seeking to fulfill general education requirements in science.

Objectives

The biology discipline is designed to:

Provide students a broad base of fundamental biological knowledge in evolution, genetics, cell and molecular biology, the diversity of life, and ecology.

Provide students in our upper-level electives detailed knowledge in specific sub-disciplines including experience collecting and interpreting data in both the field and laboratory.

Advance student skills in written and oral communication of biological information.

Prepare and encourage students to conduct undergraduate research at UMM or at other institutions.

Prepare students for postgraduate education in biological research and health-related programs, and/or a variety of careers in biology, including secondary education.

Provide discipline-specific courses for non-majors to serve UMMs general education requirements.

Learning Outcomes

The curriculum is designed to ensure that students in biology will:

Have sufficiently broad training to apply biological knowledge in a wide range of professional and research settings.

Recognize evolution as the unifying theme for all of biology and be able to view biological information and questions in an evolutionary context.

Be able to apply knowledge of chemistry, statistics, and mathematics to biological systems.

Understand the global nature of biological issues while cultivating a sense of place through the study of regional species and ecological systems.

Be able to seek answers to biological questions through developing and executing scientific inquiry in the field or laboratory setting and by querying biological literature.

Be able to synthesize and clearly articulate scientific information via written and oral communication.

Be aware of ethical considerations related to biological research and have the necessary training to conduct work in a safe and sustainable manner.

Teacher Preparation Requirements

Students seeking teaching licensure in life sciences 9-12 should refer to the Education, Secondary (GenEd) section of this catalog.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Courses may not be taken S-N unless offered S-N only. Up to 5 credits of coursework with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of credits of A or B in the major. A minimum GPA of 2.00 is required in the major in order to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Biology majors are advised to complete their chemistry and mathematics requirements as early as possible. All majors should have their programs approved by a biology advisor by the beginning of their junior year.

Required Courses

- BIOL 1111 - Fundamentals of Genetics, Evolution, and Development [SCI] (3.0 cr)
- BIOL 2101 - Evolution of Biodiversity [SCI-L] (4.0 cr)
- BIOL 2111 - Cell Biology [SCI-L] (4.0 cr)
- BIOL 3121 - Molecular Biology [SCI-L] (4.0 cr)
- BIOL 3131 - Ecology [SCI-L] (4.0 cr)
- BIOL 3700 - Biological Communication I (1.0 cr)
- BIOL 3701 - Biological Communication II (1.0 cr)
- BIOL 4901 - Senior Seminar (1.0 cr)
- CHEM 1101 - General Chemistry I [SCI-L] (5.0 cr)
- CHEM 1102 - General Chemistry II [SCI-L] (5.0 cr)
- CHEM 2301 - Organic Chemistry I [SCI] (4.0 cr)
- CHEM 2311 - Organic Chemistry Lab I (1.0 cr)
- MATH 1021 - Survey of Calculus [M/SR] (4.0 cr)
or MATH 1101 - Calculus I [M/SR] (5.0 cr)
- STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
or STAT 2601 - Statistical Methods [M/SR] (4.0 cr)

Elective Courses

Take 16 or more credit(s) from the following:

Organismal Electives

Take 4 or more credit(s) from the following:

- BIOL 4111 - Microbiology (4.0 cr)
- BIOL 4121 - Herpetology (4.0 cr)
- BIOL 4131 - Vertebrate Natural History (4.0 cr)
- BIOL 4151 - Entomology (4.0 cr)
- BIOL 4172 - Plant Systematics (4.0 cr)
- BIOL 4301 - Plant Biology (4.0 cr)
- GEOL 3111 - Introduction to Paleontology [SCI-L] (4.0 cr)

•Non-Organismal Electives

Take 0 or more credit(s) from the following:

- BIOL 4003 - Neurobiology (4.0 cr)
- BIOL 4103 - Cancer Biology (4.0 cr)
- BIOL 4104 - Cell Signaling Mechanisms (4.0 cr)
- BIOL 4105 - Stem Cell Biology (4.0 cr)
- BIOL 4161 - Evolution (4.0 cr)
- BIOL 4181 - Developmental Biology (4.0 cr)
- BIOL 4182 - Ecological Developmental Biology (4.0 cr)
- BIOL 4191 - Freshwater Biology (4.0 cr)
- BIOL 4211 - Biochemistry (4.0 cr)
- BIOL 4231 - Immunology (4.0 cr)
- BIOL 4241 - Ecology of Infectious Disease (4.0 cr)
- BIOL 4302 - Plant Physiology (4.0 cr)
- BIOL 4312 - Genetics (4.0 cr)
- BIOL 4321 - Animal Physiology (4.0 cr)
- BIOL 4333 - Biogeochemistry and Global Change (4.0 cr)
- BIOL 4335 - Ecology of Agriculture (4.0 cr)
- BIOL 4351 - Conservation Biology (4.0 cr)
- BIOL 4611 - Biochemistry Lab (1.0 cr)

•Other Electives

Take 0 - 5 credit(s) from the following:

- ANTH 3704 - Anthropological Genetics [SCI] (4.0 cr)
- CHEM 4351 - Bioorganic Chemistry (2.0 cr)



- CHEM 4355 - Biochemistry of Carbohydrates and Glycoconjugates (4.0 cr)
- CHEM 4357 - Structural Methods of Chemical Biology (2.0 cr)
- PSY 3201 - Comparative Psychology [SCI-L] (4.0 cr)
- PSY 3211 - Biological Psychology [SCI-L] (4.0 cr)
- STAT 4601 - Biostatistics (4.0 cr)



Morris Campus

Biology Minor

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 29 to 31

Objectives--The biology curriculum is designed to provide students with biological knowledge and to develop scientific skills as part of their liberal arts education. These skills include the ability to conduct and interpret scientific research and successfully communicate scientific information both verbally and in writing. The faculty believe these objectives can best be attained through a balanced core curriculum in biology and a diverse array of elective coursework, both of which include active lab and field experiences. The biology major prepares students for graduate or professional programs and for careers such as secondary biology education, government service, or private sector employment.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Courses required for the minor may not be taken S-N. Up to 5 credits of coursework with a grade of D or D+ may be used to meet the minor requirements if offset by an equivalent number of credits of A or B in the minor. The GPA in these courses must be at least 2.00.

Minor Core Curriculum

- BIOL 1111 - Fundamentals of Genetics, Evolution, and Development [SCI] (3.0 cr)
- BIOL 2101 - Evolution of Biodiversity [SCI-L] (4.0 cr)
- BIOL 2111 - Cell Biology [SCI-L] (4.0 cr)
- CHEM 1101 - General Chemistry I [SCI-L] (5.0 cr)
- CHEM 1102 - General Chemistry II [SCI-L] (5.0 cr)

Elective Courses

Take 8 - 10 credit(s) from the following:

- BIOL 3121 - Molecular Biology [SCI-L] (4.0 cr)
- BIOL 3131 - Ecology [SCI-L] (4.0 cr)
- BIOL 4003 - Neurobiology (4.0 cr)
- BIOL 4103 - Cancer Biology (4.0 cr)
- BIOL 4104 - Cell Signaling Mechanisms (4.0 cr)
- BIOL 4105 - Stem Cell Biology (4.0 cr)
- BIOL 4111 - Microbiology (4.0 cr)
- BIOL 4121 - Herpetology (4.0 cr)
- BIOL 4131 - Vertebrate Natural History (4.0 cr)
- BIOL 4151 - Entomology (4.0 cr)
- BIOL 4161 - Evolution (4.0 cr)
- BIOL 4172 - Plant Systematics (4.0 cr)
- BIOL 4181 - Developmental Biology (4.0 cr)
- BIOL 4182 - Ecological Developmental Biology (4.0 cr)
- BIOL 4191 - Freshwater Biology (4.0 cr)
- BIOL 4211 - Biochemistry (4.0 cr)
- BIOL 4231 - Immunology (4.0 cr)
- BIOL 4241 - Ecology of Infectious Disease (4.0 cr)
- BIOL 4301 - Plant Biology (4.0 cr)
- BIOL 4302 - Plant Physiology (4.0 cr)
- BIOL 4312 - Genetics (4.0 cr)
- BIOL 4321 - Animal Physiology (4.0 cr)
- BIOL 4333 - Biogeochemistry and Global Change (4.0 cr)
- BIOL 4335 - Ecology of Agriculture (4.0 cr)
- BIOL 4351 - Conservation Biology (4.0 cr)

- Other Electives

Take 0 - 5 credit(s) from the following:

- [ANTH 3704](#) - Anthropological Genetics [SCI] (4.0 cr)
- [CHEM 4351](#) - Bioorganic Chemistry (2.0 cr)
- [CHEM 4355](#) - Biochemistry of Carbohydrates and Glycoconjugates (4.0 cr)
- [CHEM 4357](#) - Structural Methods of Chemical Biology (2.0 cr)
- [GEOL 3111](#) - Introduction to Paleontology [SCI-L] (4.0 cr)
- [PSY 3201](#) - Comparative Psychology [SCI-L] (4.0 cr)
- [PSY 3211](#) - Biological Psychology [SCI-L] (4.0 cr)
- [STAT 4601](#) - Biostatistics (4.0 cr)

Morris Campus

Chemistry B.A.

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 60 to 74
- Degree: Bachelor of Arts

Coursework in chemistry is increasingly interdisciplinary and spans analytical, inorganic, organic, and physical chemistry. Students may also pursue a degree in chemistry with a biochemistry subfield or design an interdisciplinary area of concentration encompassing chemistry and related fields. All majors must study beginning physics and calculus. Beginning chemistry courses satisfy the physical sciences component of the general education requirements.

The UMM chemistry program is approved to offer American Chemical Society (ACS) certified degrees. Students who wish to have their degree certified by the ACS may need to complete additional courses or work beyond the program requirements listed below. A complete description of how to complete the ACS requirements at UMM can be found on the discipline web page: <https://academics.morris.umn.edu/chemistry-biochemistry>

Chemistry and biochemistry majors do hands-on work with chemical instrumentation and use computers in both software and hardware applications. The faculty prides itself on working closely with its students on undergraduate research projects, directed studies, and undergraduate teaching assistantships. In addition, chemistry/biochemistry majors are encouraged to complete summer research internships at university and industrial labs or at other research facilities, locally and nationally.

Degrees in chemistry/biochemistry, in addition to being an excellent preparation for industrial employment, government service, or secondary teaching, also prepare students for postgraduate work (more than 60% of majors pursue postgraduate work).

Objectives--the chemistry discipline is designed to:

- Serve students from other disciplines requiring knowledge of chemistry;
- Advance student learning in contemporary chemistry/biochemistry at a level appropriate to undergraduates;
- Advance student competence in research in chemistry/biochemistry;
- Advance student proficiency in green chemistry competencies.
- Prepare students for postgraduate work in a variety of fields and/or for careers in industrial or clinical settings or for careers in secondary education.
- Prepare students for professional programs such as medicine, pharmacy, veterinary medicine, dentistry, and physician assistant.

Learning Outcomes -- The curriculum is designed to ensure that students are able to:

- Demonstrate an understanding of fundamental concepts of chemistry, including the principles of green chemistry.
- Solve problems using critical thinking and analytical reasoning skills including the integration of knowledge from other disciplines.
- Identify the objective of an experiment, conduct experiments using appropriate techniques and equipment, interpret the results, discuss the data, and draw conclusions.
- Communicate concepts and results effectively (oral and written), including interpersonal communication.
- Locate and understand literature (especially primary literature) in chemistry and scientific publications.
- Recognize hazards, conduct experiments in a safe, ethical, and sustainable manner, consider greener laboratory alternatives, and manage chemicals, inc.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education](#)

[requirements.](#)

Program Requirements

Students are required to take 2 semester(s) of any second language.

Courses may not be taken S/N. Up to 2 courses with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of credits of A or B. A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced. Students should consult members of the chemistry faculty to plan programs of study appropriate to their interests and postgraduate goals.

Students may complete a major in chemistry through one of three tracks--the standard chemistry major or the chemistry major with a biochemistry subfield or with a green and sustainable subfield.

Required Courses

Stat 1601 or Stat 2601 are not required but are strongly recommended.

- CHEM 1101 - General Chemistry I [SCI-L] (5.0 cr)
- CHEM 1102 - General Chemistry II [SCI-L] (5.0 cr)
- CHEM 2301 - Organic Chemistry I [SCI] (4.0 cr)
- CHEM 2311 - Organic Chemistry Lab I (1.0 cr)
- CHEM 2321 - Introduction to Research I (1.0 cr)
- CHEM 2322 - Introduction to Research II (1.0 cr)
- CHEM 3101 - Analytical Chemistry [SCI-L] (4.0 cr)
- CHEM 3501 - Physical Chemistry: Thermodynamics [SCI] (4.0 cr)
- CHEM 3901 - Chemistry Seminar I (0.5 cr)
- CHEM 4901 - Chemistry Seminar II (0.5 cr)
- MATH 1101 - Calculus I [M/SR] (5.0 cr)
- MATH 1102 - Calculus II [M/SR] (5.0 cr)
- CHEM 2302 - Organic Chemistry II [SCI] (4.0 cr)
or CHEM 2304 - Organic Chemistry II with a Biological Emphasis [SCI] (4.0 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans.

Standard

Standard Chemistry Required Courses

- CHEM 3502 - Physical Chemistry: Quantum Mechanics [SCI] (4.0 cr)
- CHEM 3511 - Physical Chemistry Lab (1.0 cr)
- PHYS 1101 - General Physics I [SCI-L] (5.0 cr)
- PHYS 1102 - General Physics II [SCI-L] (5.0 cr)

Standard Chemistry Elective Courses

Take 6 or more credit(s) from the following:

- BIOL 4211 - Biochemistry (4.0 cr)
- CHEM 3201 - Sustainable Synthetic and Solid State Methods (2.0 cr)
- CHEM 3406 - Polymer Properties and Characterization (2.0 cr)
- CHEM 3407 - Polymer Synthesis (3.0 cr)
- CHEM 3503 - Quantum Chemical Models and Visualizations (2.0 cr)
- CHEM 4111 - Instrumental Analysis (5.0 cr)
- CHEM 4201 - Chemistry and Sustainable Applications to Global Problems (4.0 cr)
- CHEM 4352 - Synthesis (4.0 cr)
- CHEM 4551 - Theoretical Chemistry (4.0 cr)
- CHEM 4552 - Molecular Spectroscopy (3.0 cr)
- CHEM 4701 - Inorganic Chemistry (4.0 cr)
- CHEM 4751 - Advanced Inorganic Chemistry (2.0 cr)
- CHEM 4351 - Bioorganic Chemistry (2.0 cr)
or CHEM 4355 - Biochemistry of Carbohydrates and Glycoconjugates (4.0 cr)
or CHEM 4357 - Structural Methods of Chemical Biology (2.0 cr)

Biochemistry

Biochemistry Required Courses

- BIOL 1111 - Fundamentals of Genetics, Evolution, and Development [SCI] (3.0 cr)
- BIOL 2111 - Cell Biology [SCI-L] (4.0 cr)

BIOL 3121 - Molecular Biology [SCI-L] (4.0 cr)
BIOL 4211 - Biochemistry (4.0 cr)
BIOL 4611 - Biochemistry Lab (1.0 cr)
PHYS 1091 - Principles of Physics I [SCI-L] (5.0 cr)
PHYS 1092 - Principles of Physics II [SCI-L] (5.0 cr)
or PHYS 1101 - General Physics I [SCI-L] (5.0 cr)
PHYS 1102 - General Physics II [SCI-L] (5.0 cr)

Advanced Biochemistry-based Elective

Take 4 or more credit(s) from the following:

- CHEM 4351 - Bioorganic Chemistry (2.0 cr)
- CHEM 4355 - Biochemistry of Carbohydrates and Glycoconjugates (4.0 cr)
- CHEM 4357 - Structural Methods of Chemical Biology (2.0 cr)

Biochemistry Electives

For students planning to go to graduate school in biochemistry, it is recommended that they also take BIOL 4111 - Microbiology and BIOL 4312 - Genetics.

Take 1 or more course(s) from the following:

- CHEM 3201 - Sustainable Synthetic and Solid State Methods (2.0 cr)
- CHEM 3406 - Polymer Properties and Characterization (2.0 cr)
- CHEM 3407 - Polymer Synthesis (3.0 cr)
- CHEM 3502 - Physical Chemistry: Quantum Mechanics [SCI] (4.0 cr)
- CHEM 3503 - Quantum Chemical Models and Visualizations (2.0 cr)
- CHEM 4111 - Instrumental Analysis (5.0 cr)
- CHEM 4201 - Chemistry and Sustainable Applications to Global Problems (4.0 cr)
- CHEM 4352 - Synthesis (4.0 cr)
- CHEM 4551 - Theoretical Chemistry (4.0 cr)
- CHEM 4552 - Molecular Spectroscopy (3.0 cr)
- CHEM 4701 - Inorganic Chemistry (4.0 cr)
- CHEM 4751 - Advanced Inorganic Chemistry (2.0 cr)

Chemistry, Green and Sustainable

This sub-plan is optional and does not fulfill the sub-plan requirement for this program.

Required

CHEM 2201 - Introduction to Environmental Chemistry (2.0 cr)
or CHEM 2202 - Introduction to Green Chemistry (2.0 cr)
BIOL 1111 - Fundamentals of Genetics, Evolution, and Development [SCI] (3.0 cr)
ENST 1101 - Environmental Problems and Policy [ENVT] (4.0 cr)
PHYS 1091 - Principles of Physics I [SCI-L] (5.0 cr)
PHYS 1092 - Principles of Physics II [SCI-L] (5.0 cr)
or PHYS 1101 - General Physics I [SCI-L] (5.0 cr)
PHYS 1102 - General Physics II [SCI-L] (5.0 cr)

Interdisciplinary Elective

Take 1 or more course(s) from the following:

- BIOL 2101 - Evolution of Biodiversity [SCI-L] (4.0 cr)
- BIOL 2111 - Cell Biology [SCI-L] (4.0 cr)
- BIOL 3131 - Ecology [SCI-L] (4.0 cr)
- ENST 3101 - Industrial Ecology (4.0 cr)
- GEOL 3501 - Hydrology [SCI] (4.0 cr)
- GEOL 3502 - Groundwater [ENVT] (4.0 cr)
- GEOL 3601 - Introduction to Geochemistry [SCI] (4.0 cr)
- PHYS 3004 - Atmospheric Physics [ENVT] (4.0 cr)
- STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
or STAT 2601 - Statistical Methods [M/SR] (4.0 cr)

Green and Sustainability Electives

Take 6 or more credit(s) from the following:

- CHEM 3201 - Sustainable Synthetic and Solid State Methods (2.0 cr)
- CHEM 3406 - Polymer Properties and Characterization (2.0 cr)
- CHEM 4201 - Chemistry and Sustainable Applications to Global Problems (4.0 cr)
- CHEM 4352 - Synthesis (4.0 cr)

Chemistry Electives

Take 4 or more credit(s) from the following:

- BIOL 4211 - Biochemistry (4.0 cr)
- CHEM 3407 - Polymer Synthesis (3.0 cr)
- CHEM 3411 - Polymer Chemistry Lab (1.0 cr)
- CHEM 3502 - Physical Chemistry: Quantum Mechanics [SCI] (4.0 cr)



- CHEM 3503 - Quantum Chemical Models and Visualizations (2.0 cr)
- CHEM 4111 - Instrumental Analysis (5.0 cr)
- CHEM 4351 - Bioorganic Chemistry (2.0 cr)
- CHEM 4355 - Biochemistry of Carbohydrates and Glycoconjugates (4.0 cr)
- CHEM 4357 - Structural Methods of Chemical Biology (2.0 cr)
- CHEM 4551 - Theoretical Chemistry (4.0 cr)
- CHEM 4701 - Inorganic Chemistry (4.0 cr)
- CHEM 4711 - Inorganic Chemistry Lab (1.0 cr)
- CHEM 4751 - Advanced Inorganic Chemistry (2.0 cr)

Morris Campus

Chemistry Minor

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 24 to 28

The chemistry curriculum focuses on the structure of matter and the conditions required for material change. It prepares students for postgraduate work in a wide variety of fields, or for careers in industry or secondary teaching.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Courses may not be taken S-N except where noted. Up to 2 courses with a grade of D or D+ may be used to meet the minor requirements if offset by an equivalent number of credits of coursework with a grade of A or B. The GPA in the minor courses must be at least 2.00.

Required Courses

- [CHEM 1101](#) - General Chemistry I [SCI-L] (5.0 cr)
- [CHEM 1102](#) - General Chemistry II [SCI-L] (5.0 cr)
- [CHEM 2301](#) - Organic Chemistry I [SCI] (4.0 cr)
- [CHEM 2311](#) - Organic Chemistry Lab I (1.0 cr)

Elective Courses

Three elective courses are required. Students must take either CHEM 3101 or 3501. Two additional courses are also required. If CHEM 3101 is not taken, one of the two courses must include lab or have an additional concurrent lab registration.

If CHEM 3101 is taken:

[CHEM 3101](#) - Analytical Chemistry [SCI-L] (4.0 cr)

Take 6 or more credit(s) from the following:

- [BIOL 4211](#) - Biochemistry (4.0 cr)
- [CHEM 3201](#) - Sustainable Synthetic and Solid State Methods (2.0 cr)
- [CHEM 3406](#) - Polymer Properties and Characterization (2.0 cr)
- [CHEM 3407](#) - Polymer Synthesis (3.0 cr)
- [CHEM 3501](#) - Physical Chemistry: Thermodynamics [SCI] (4.0 cr)
- [CHEM 3502](#) - Physical Chemistry: Quantum Mechanics [SCI] (4.0 cr)
- [CHEM 3503](#) - Quantum Chemical Models and Visualizations (2.0 cr)
- [CHEM 4111](#) - Instrumental Analysis (5.0 cr)
- [CHEM 4201](#) - Chemistry and Sustainable Applications to Global Problems (4.0 cr)
- [CHEM 4352](#) - Synthesis (4.0 cr)
- [CHEM 4551](#) - Theoretical Chemistry (4.0 cr)
- [CHEM 4552](#) - Molecular Spectroscopy (3.0 cr)
- [CHEM 4701](#) - Inorganic Chemistry (4.0 cr)
- [CHEM 4751](#) - Advanced Inorganic Chemistry (2.0 cr)
- [GEOL 3601](#) - Introduction to Geochemistry [SCI] (4.0 cr)
- [CHEM 2201](#) - Introduction to Environmental Chemistry (2.0 cr)
or [CHEM 2202](#) - Introduction to Green Chemistry (2.0 cr)
- [CHEM 2302](#) - Organic Chemistry II [SCI] (4.0 cr)
or [CHEM 2304](#) - Organic Chemistry II with a Biological Emphasis [SCI] (4.0 cr)
- [CHEM 4351](#) - Bioorganic Chemistry (2.0 cr)
or [CHEM 4355](#) - Biochemistry of Carbohydrates and Glycoconjugates (4.0 cr)
or [CHEM 4357](#) - Structural Methods of Chemical Biology (2.0 cr)

or If CHEM 3101 is not taken:

[CHEM 3501](#) - Physical Chemistry: Thermodynamics [SCI] (4.0 cr)

Physical Chemistry

[CHEM 3502](#) - Physical Chemistry: Quantum Mechanics [SCI] (4.0 cr)



CHEM 3511 - Physical Chemistry Lab (1.0 cr)

or **Inorganic Chemistry**

CHEM 4701 - Inorganic Chemistry (4.0 cr)

CHEM 4711 - Inorganic Chemistry Lab (1.0 cr)

or **Biochemistry**

BIOL 4211 - Biochemistry (4.0 cr)

BIOL 4611 - Biochemistry Lab (1.0 cr)

or **Polymer Chemistry**

CHEM 3406 - Polymer Properties and Characterization (2.0 cr)

CHEM 3411 - Polymer Chemistry Lab (1.0 cr)

Additional Elective

Take 1 or more course(s) from the following:

- BIOL 4211 - Biochemistry (4.0 cr)
- CHEM 2201 - Introduction to Environmental Chemistry (2.0 cr)
- CHEM 2202 - Introduction to Green Chemistry (2.0 cr)
- CHEM 2302 - Organic Chemistry II [SCI] (4.0 cr)
- CHEM 2304 - Organic Chemistry II with a Biological Emphasis [SCI] (4.0 cr)
- CHEM 3201 - Sustainable Synthetic and Solid State Methods (2.0 cr)
- CHEM 3406 - Polymer Properties and Characterization (2.0 cr)
- CHEM 3407 - Polymer Synthesis (3.0 cr)
- CHEM 3502 - Physical Chemistry: Quantum Mechanics [SCI] (4.0 cr)
- CHEM 3503 - Quantum Chemical Models and Visualizations (2.0 cr)
- CHEM 4201 - Chemistry and Sustainable Applications to Global Problems (4.0 cr)
- CHEM 4351 - Bioorganic Chemistry (2.0 cr)
- CHEM 4352 - Synthesis (4.0 cr)
- CHEM 4355 - Biochemistry of Carbohydrates and Glycoconjugates (4.0 cr)
- CHEM 4357 - Structural Methods of Chemical Biology (2.0 cr)
- CHEM 4551 - Theoretical Chemistry (4.0 cr)
- CHEM 4552 - Molecular Spectroscopy (3.0 cr)
- CHEM 4701 - Inorganic Chemistry (4.0 cr)
- CHEM 4751 - Advanced Inorganic Chemistry (2.0 cr)
- GEOL 3601 - Introduction to Geochemistry [SCI] (4.0 cr)



Morris Campus

Communication, Media, and Rhetoric B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40
- Degree: Bachelor of Arts

This discipline is in the Division of the Humanities. The mission of the Communication, Media, and Rhetoric (CMR) discipline is to provide an introduction to the breadth of scholarship in communication history, communication theory, and communication contexts. UMM students in the CMR major study the multidimensional nature of various types of communication processes, the activities of message production, and the analysis and evaluation of personal, public, and mass communication. Students develop skills for lifelong learning and refine capabilities for active involvement in a participatory democracy.

Objectives--The curriculum is designed to ensure that:

1. Students develop a historical and theoretical understanding of the three areas of communication, media, and rhetoric.
2. Students use a variety of assigned theoretical approaches and research methods appropriate to communication, media, and rhetoric to describe and evaluate assigned or chosen discourse.
3. Students participate in a variety of assignments using informative and persuasive speaking techniques effectively.

Program Student Learning Outcomes:

1. Students will be able to demonstrate historical and theoretical understandings of the three areas of Communication, Media, and Rhetoric.
2. Students will be able to apply a variety of theories and methodologies to describe and evaluate assigned or chosen discourse.
3. Students will be able to demonstrate the application of CMR theories and methodologies to everyday problems.
4. Students will be able to apply and understand accepted ethical standards to conducting research.
5. Students will be able to demonstrate advanced mastery in the use of both technological and other mediums for the construction and distribution of messages.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of credits of A or B. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- [CMR 1042](#) - Public Speaking and Analysis [E/CR] (4.0 cr)
- [CMR 1101](#) - Introduction to Theories of Communication, Media, and Rhetoric [HUM] (4.0 cr)
- [CMR 3432](#) - Research Methods & Analysis (4.0 cr)
- [CMR 4900](#) - Communication, Media, and Rhetoric Seminar I (1.0 cr)
- [CMR 4901](#) - Communication, Media, and Rhetoric Seminar II (3.0 cr)



Electives

Take 24 or more credits(s) from the following. At least 12 credits must be in courses 3xxx or above.

Take 24 or more credit(s) from the following:

Take at most 12 credit(s) from the following:

- [CMR 2062](#) - Interpersonal and Group Communication [HUM] (4.0 cr)
- [CMR 2102](#) - Communication and the Environment: Analysis and Criticism [HUM] (2.0 cr)
- [CMR 2311](#) - Media History and Society [SS] (4.0 cr)
- [CMR 2321](#) - Digital Media Production [HUM] (4.0 cr)
- [CMR 2411](#) - Health Communication [HUM] (4.0 cr)
- [CMR 2421](#) - Business and Professional Communication [E/CR] (4.0 cr)
- CMR 2xxx
- Take 12 or more credit(s) from the following:
 - [CMR 3121](#) - Rhetorical Criticism and Cinema [HUM] (4.0 cr)
 - [CMR 3123](#) - Rhetorical Criticism and Speeches that Changed the World [HUM] (4.0 cr)
 - [CMR 3124](#) - Rhetoric of Comic Art: Analysis and Creation [HUM] (4.0 cr)
 - [CMR 3311](#) - Social Uses of the Media [E/CR] (4.0 cr)
 - [CMR 3312](#) - Media Literacy (4.0 cr)
 - [CMR 3342](#) - Visual Journalism [HUM] (4.0 cr)
 - [CMR 3411](#) - Intercultural Communication Theory and Research [HDIV] (4.0 cr)
 - [CMR 3421](#) - Organizational Communication Theory and Research [SS] (4.0 cr)
 - [CMR 3433](#) - Communication, Power, and Identity [HUM] (4.0 cr)
 - [CMR 3434](#) - Communication, Nature, and Belonging [HUM] (4.0 cr)
- CMR 3xxx
- [CMR 4123](#) - Rhetoric of Advertising [HUM] (4.0 cr)
- [CMR 4152](#) - Advanced Public Speaking [HUM] (4.0 cr)
- [CMR 4201](#) - Rhetoric and Persuasion: Receiver Analysis [HUM] (4.0 cr)
- [CMR 4341](#) - New Media Technologies [HUM] (2.0 cr)
- CMR 4xxx

Morris Campus

Communication, Media, and Rhetoric Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20

This discipline is in the Division of the Humanities. The mission of the Communication, Media, and Rhetoric (CMR) discipline is to provide an introduction to the breadth of scholarship in communication history, communication theory, and communication contexts. UMM students in the CMR major study the multidimensional nature of various types of communication processes, the activities of message production, and the analysis and evaluation of personal, public, and mass communication. Students develop skills for lifelong learning and refine capabilities for active involvement in a participatory democracy.

Objectives--The curriculum is designed to ensure that:

1. Students develop a historical and theoretical understanding of the three areas of communication, media, and rhetoric.
2. Students use a variety of assigned theoretical approaches and research methods appropriate to communication, media, and rhetoric to describe and evaluate assigned or chosen discourse.
3. Students participate in a variety of assignments using informative and persuasive speaking techniques effectively.

Program Student Learning Outcomes:

1. Students will be able to demonstrate historical and theoretical understandings of the three areas of Communication, Media, and Rhetoric.
2. Students will be able to apply a variety of theories and methodologies to describe and evaluate assigned or chosen discourse.
3. Students will be able to demonstrate the application of CMR theories and methodologies to everyday problems.
4. Students will be able to apply and understand accepted ethical standards to conducting research.
5. Students will be able to demonstrate advanced mastery in the use of both technological and other mediums for the construction and distribution of messages.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the minor requirements if offset by an equivalent number of credits of A or B. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

[CMR 1042](#) - Public Speaking and Analysis [E/CR] (4.0 cr)

[CMR 1101](#) - Introduction to Theories of Communication, Media, and Rhetoric [HUM] (4.0 cr)

Electives

Take 12 or more credit(s) from the following:

At least one course needs to be 3xxx or above.

Take at most 8 credit(s) from the following:

- [CMR 2062](#) - Interpersonal and Group Communication [HUM] (4.0 cr)
- [CMR 2102](#) - Communication and the Environment: Analysis and Criticism [HUM] (2.0 cr)
- [CMR 2311](#) - Media History and Society [SS] (4.0 cr)
- [CMR 2321](#) - Digital Media Production [HUM] (4.0 cr)
- [CMR 2411](#) - Health Communication [HUM] (4.0 cr)
- [CMR 2421](#) - Business and Professional Communication [E/CR] (4.0 cr)
- CMR 2xxx
- Take 4 or more credit(s) from the following:
 - [CMR 3121](#) - Rhetorical Criticism and Cinema [HUM] (4.0 cr)
 - [CMR 3123](#) - Rhetorical Criticism and Speeches that Changed the World [HUM] (4.0 cr)



- [CMR 3124](#) - Rhetoric of Comic Art: Analysis and Creation [HUM] (4.0 cr)
- [CMR 3311](#) - Social Uses of the Media [E/CR] (4.0 cr)
- [CMR 3312](#) - Media Literacy (4.0 cr)
- [CMR 3342](#) - Visual Journalism [HUM] (4.0 cr)
- [CMR 3411](#) - Intercultural Communication Theory and Research [HDIV] (4.0 cr)
- [CMR 3421](#) - Organizational Communication Theory and Research [SS] (4.0 cr)
- [CMR 3432](#) - Research Methods & Analysis (4.0 cr)
- [CMR 3433](#) - Communication, Power, and Identity [HUM] (4.0 cr)
- [CMR 3434](#) - Communication, Nature, and Belonging [HUM] (4.0 cr)
- CMR 3xxx
- [CMR 4123](#) - Rhetoric of Advertising [HUM] (4.0 cr)
- [CMR 4152](#) - Advanced Public Speaking [HUM] (4.0 cr)
- [CMR 4201](#) - Rhetoric and Persuasion: Receiver Analysis [HUM] (4.0 cr)
- [CMR 4341](#) - New Media Technologies [HUM] (2.0 cr)
- CMR 4xxx

Morris Campus

Computer Science B.A.

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 54
- Degree: Bachelor of Arts

The computer science curriculum is designed to not only provide a solid background in fundamentals, but also to continuously respond to rapid changes in the field of computing by equipping our students with modern tools, approaches, and cutting-edge concepts and technologies. Coursework in computer science spans three core areas of computing, including theory, software development, and systems. Beginning computer science courses are open to non-majors and satisfy the mathematical and symbolic reasoning component of the general education requirements. All computer science majors must complete a senior seminar capstone experience, and the discipline prides itself on the high quality of students' papers and presentations in this course. The program also includes mathematics or statistics in the required coursework. The computer science discipline is dedicated to offering a flexible set of important and relevant electives, which we update annually. Student input informs the electives we offer, and student input has inspired the creation of several electives.

Computer science majors develop software, explore hardware systems, and apply theoretical concepts. Reflecting the collaborative nature of today's world, team work is heavily integrated into computer science coursework. Students are encouraged to use and supplement their formal education through research opportunities, internship experiences, programming and robotics competitions, and student and professional organizations. Many students take advantage of the opportunity to collaborate with computer science faculty on research projects, presenting the results at international, national, and regional conferences, as well as at UMM's Undergraduate Research Symposium.

Study in computer science is required for management and math majors at UMM, as well as for students pursuing a variety of pre-engineering programs. Many UMM computer science majors enter the job market upon graduation, primarily in the computing industry. Others pursue postgraduate work toward a masters or doctoral degree in computing, business, library science, or a variety of other fields.

The student learning objectives of the computer science program span the following five categories:

- Students will be able to apply fundamental principles of computer science to solve problems in all core areas of computer science.
- Students will demonstrate technological flexibility through the ability to employ new sets of tools effectively.
- Students will be able to communicate technical ideas effectively both orally and in written form.
- Students will demonstrate their ability to work in groups as part of an effective team.
- Students will be able to identify and analyze ethical implications involving technology.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Grades of D or D+ in CSCI 1201, 1301, 1302, 2101, Math 2202, and 3411 may not be used to meet the major requirements.

No more than one course with a grade of D or D+, offset by an equivalent number of credits of A or B grades, may be used to meet the requirements for a computer science major.

Non-elective courses may not be taken S-N unless offered S-N only. Up to 4 credits of CSci 4xxx taken S-N may be counted towards the major requirements.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Elective courses: computer science major electives are divided into three areas: systems courses (CSCI 44xx), theory courses (CSCI 45xx), and programming and languages courses (CSCI 46xx). The discipline offers an array of courses in each area. The courses listed are representative of the courses offered. New courses are continually developed and added to keep up with changes in the field.

Required Courses

- CSCI 1201 - Introduction to Digital Media Computation [M/SR] (4.0 cr)
or CSCI 1301 - Problem Solving and Algorithm Development [M/SR] (4.0 cr)
- CSCI 1302 - Foundations of Computer Science [M/SR] (4.0 cr)
or MATH 2202 - Mathematical Perspectives [M/SR] (4.0 cr)
- MATH 3411 - Discrete and Combinatorial Mathematics (4.0 cr)
- CSCI 2101 - Data Structures [M/SR] (5.0 cr)
- CSCI 3413 - Computing Systems: Concepts (3.0 cr)
- CSCI 3412 - Computing Systems: Practicum (2.0 cr)
- CSCI 3501 - Algorithms and Computability (5.0 cr)
- CSCI 3601 - Software Design and Development (5.0 cr)
- CSCI 4901 - Senior Seminar (2.0 cr)
- IS 1091 - Ethical and Social Implications of Technology [E/CR] (2.0 cr)

Elective Courses

Take 10 or more credit(s) including exactly 3 sub-requirements(s) from the following:

Computing Systems Courses (44xx):

Take 2 - 4 credit(s) from the following:

- CSCI 4403 - Systems: Data Mining (4.0 cr)
- CSCI 4409 - Systems: Programming for Parallel Architecture (2.0 cr)
- CSCI 4410 - Systems: Cloud Computing Architectures (2.0 cr)
- CSCI 4453 - Systems: Database Systems (4.0 cr)
- CSCI 4454 - Systems: Robotics (4.0 cr)
- CSCI 4457 - Systems: Ubiquitous Computing (4.0 cr)
- CSCI 4458 - Systems: Bioinformatic Systems (4.0 cr)

Theory Courses (45xx):

Take 2 - 4 credit(s) from the following:

- CSCI 4506 - Theory: Fuzzy Logic and Fuzzy Sets (2.0 cr)
- CSCI 4553 - Theory: Evolutionary Computation and Artificial Intelligence (4.0 cr)
- CSCI 4554 - Theory: Cryptography (4.0 cr)
- CSCI 4555 - Theory: Neural Networks and Machine Learning (4.0 cr)
- CSCI 4557 - Theory: Quantum Computing (4.0 cr)

Processes, Programming, and Languages Courses (46xx):

Take 2 - 4 credit(s) from the following:

- CSCI 4604 - Processes, Programming, and Languages: Graphical User Interfaces (2.0 cr)
- CSCI 4605 - Processes, Programming, and Languages: Refactoring (2.0 cr)
- CSCI 4610 - Processes, Programming, and Languages: Programming for Cloud Computing (2.0 cr)
- CSCI 4651 - Processes, Programming, and Languages: Programming Languages (4.0 cr)
- CSCI 4654 - Processes, Programming, and Languages: Modern Functional Programming (4.0 cr)
- CSCI 4656 - Processes, Programming, and Languages: Human-Computer Interaction and Interface Design (4.0 cr)
- CSCI 4657 - Processes, Programming, and Languages: Programming Languages for Client-Server Systems (4.0 cr)
- CSCI 4658 - Processes, Programming, and Languages: Usability, Design, and Mobile Technologies (4.0 cr)
- CSCI 4659 - Processes, Programming, and Languages: Measuring and Managing Software Quality (4.0 cr)

Math and Statistics Electives

MATH 1101 and above, excluding MATH 2211, or STAT 2xxx and above, excluding STAT 3701.

Take 12 or more credit(s) from the following:

- CSCI 2701 - Introduction to Data Science [M/SR] (4.0 cr)
- MATH 1101 - Calculus I [M/SR] (5.0 cr)
- MATH 1102 - Calculus II [M/SR] (5.0 cr)
- MATH 2101 - Calculus III [M/SR] (4.0 cr)
- MATH 2202 - Mathematical Perspectives [M/SR] (4.0 cr)



- [MATH 2401](#) - Differential Equations [M/SR] (4.0 cr)
- [MATH 2501](#) - Probability and Stochastic Processes [M/SR] (4.0 cr)
- [MATH 3111](#) - Linear Algebra (4.0 cr)
- MATH 3xxx
- MATH 4xxx
- STAT 2xxx
- [STAT 3501](#) - Survey Sampling [M/SR] (4.0 cr)
- [STAT 3601](#) - Data Analysis [M/SR] (4.0 cr)
- [STAT 3611](#) - Multivariate Statistical Analysis [M/SR] (4.0 cr)
- [STAT 3901](#) - Statistical Communication (2.0 cr)
- STAT 4xxx



Morris Campus

Computer Science Minor

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 26

Objectives--The computer science curriculum is designed to provide students with a strong foundation in the diverse and rapidly changing field of computing. The science of computing is emphasized with a focus on fundamental principles and the formal underpinnings of the field. Students are encouraged to use and supplement their formal education through a variety of research opportunities, participation in discipline colloquia and student/professional organizations, and pursuit of internship experiences or international studies opportunities.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

No more than two courses with a grade of D or D+, offset by an equivalent number of credits of A or B grades, may be used to meet the requirements for a computer science minor. Non-elective courses taken S-N may not be counted towards the minor. A minimum GPA of 2.00 is required in the minor in order to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- **CSCI 1201** - Introduction to Digital Media Computation [M/SR] (4.0 cr)
or **CSCI 1301** - Problem Solving and Algorithm Development [M/SR] (4.0 cr)
- **CSCI 1302** - Foundations of Computer Science [M/SR] (4.0 cr)
or **MATH 2202** - Mathematical Perspectives [M/SR] (4.0 cr)
- **MATH 3411** - Discrete and Combinatorial Mathematics (4.0 cr)
- **CSCI 2101** - Data Structures [M/SR] (5.0 cr)

Required Elective Courses

- Take 5 or more credit(s) from the following:
- **CSCI 3501** - Algorithms and Computability (5.0 cr)
 - **CSCI 3601** - Software Design and Development (5.0 cr)
 - **CSCI 3412** - Computing Systems: Practicum (2.0 cr)
 - **CSCI 3413** - Computing Systems: Concepts (3.0 cr)
- Take 4 or more credit(s) from the following:
- **CSCI 3413** - Computing Systems: Concepts (3.0 cr)
 - **CSCI 3412** - Computing Systems: Practicum (2.0 cr)
 - **CSCI 3501** - Algorithms and Computability (5.0 cr)
 - **CSCI 3601** - Software Design and Development (5.0 cr)
 - CSci 4xxx

Minor Elective Courses

- Take 4 or more credit(s) from the following:
- **CSCI 2701** - Introduction to Data Science [M/SR] (4.0 cr)
 - **MATH 1021** - Survey of Calculus [M/SR] (4.0 cr)
 - **MATH 1101** - Calculus I [M/SR] (5.0 cr)
 - **MATH 1102** - Calculus II [M/SR] (5.0 cr)
 - **MATH 2101** - Calculus III [M/SR] (4.0 cr)
 - **MATH 2202** - Mathematical Perspectives [M/SR] (4.0 cr)
 - **MATH 2401** - Differential Equations [M/SR] (4.0 cr)
 - **MATH 2501** - Probability and Stochastic Processes [M/SR] (4.0 cr)
 - **MATH 3111** - Linear Algebra (4.0 cr)
 - MATH 3xxx
 - MATH 4xxx



- STAT 1xxx
- STAT 2xxx
- [STAT 3501](#) - Survey Sampling [M/SR] (4.0 cr)
- [STAT 3601](#) - Data Analysis [M/SR] (4.0 cr)
- [STAT 3611](#) - Multivariate Statistical Analysis [M/SR] (4.0 cr)
- [STAT 3901](#) - Statistical Communication (2.0 cr)
- STAT 4xxx

Morris Campus

Creative Writing Minor for non-English majors

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20

Objectives:

The Creative Writing minor, which combines the study of literature and the practice of creative writing provides students with a strong foundation for developing their craft. Students begin with an introductory class in the techniques of poetry and prose writing and then take at least two other writing classes in the English discipline, at least one of which must be at the advanced level. Writing courses focus on fiction, poetry, and creative nonfiction, and on subtopics such as sports, environmental, and essay writing. Students also take two literature classes: ENGL 1509 (required) and another of the students choice.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the minor requirements.

Courses may not be taken S/N unless offered S/N only. A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

We strongly recommend that students take Engl 1404 in the classroom and not online.

[ENGL 1404W](#) - Topics in Writing: Introduction to Creative Writing [ART/P] (4.0 cr)

[ENGL 1509](#) - Literary Studies [HUM] (4.0 cr)

Writing Courses

At least one of these courses must be a 3000-level course.

Take 2 or more course(s) from the following:

- [ENGL 1403](#) - Sports Literature and Writing [ART/P] (4.0 cr)
- [ENGL 2106](#) - Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World [ENVT] (4.0 cr)
- [ENGL 2173](#) - The Nature Essay: Writing and Reading Creative Non-fiction about the Natural World [ENVT] (4.0 cr)
- [ENGL 3012](#) - Advanced Fiction Writing [ART/P] (4.0 cr)
- [ENGL 3015](#) - Advanced Poetry [ART/P] (4.0 cr)
- [ENGL 3032](#) - Creative Nonfiction Writing [ART/P] (4.0 cr)

Literature Course

Take 1 or more course(s) from the following:

- [ENGL 1028](#) - Introduction to Popular Literature: Science Fiction [HUM] (4.0 cr)
- [ENGL 1029](#) - Introduction to Popular Literature: Detection and Espionage in Fiction and Film [HUM] (4.0 cr)
- [ENGL 1126](#) - Introduction to Children's Literature [HUM] (4.0 cr)
- [ENGL 1127](#) - Science in Literature [HUM] (4.0 cr)
- [ENGL 1205](#) - Survey of British Literature to the 18th Century [HUM] (4.0 cr)
- [ENGL 1206](#) - Survey of British Literature from the 18th Century Forward [HUM] (4.0 cr)
- [ENGL 1211](#) - Survey of American Literature to the Civil War [HUM] (4.0 cr)
- [ENGL 1212](#) - Survey of American Literature from the Civil War Forward [HUM] (4.0 cr)
- [ENGL 2015](#) - Introduction to Film Studies [HUM] (4.0 cr)
- [ENGL 2031](#) - Gender in Literature and Culture [HDIV] (4.0 cr)
- [ENGL 2033](#) - The Bible and Literature [HUM] (4.0 cr)
- [ENGL 2034](#) - Contemporary Literature from India and the Caribbean [IP] (4.0 cr)
- [ENGL 2041](#) - Introduction to African American Literature [HDIV] (4.0 cr)
- [ENGL 2059](#) - Introduction to Shakespeare [HUM] (4.0 cr)
- [ENGL 2411](#) - Representations of American Indians in Popular and Academic Culture [HDIV] (4.0 cr)

•Literature Course - 3000-level

Students who have completed the prerequisites may use one of the following courses to meet the literature course requirement.



Take 0 or more course(s) from the following:

- ENGL 3043 - Medieval Makings of Tolkien's Worlds (4.0 cr)
- ENGL 3062 - Carbon Energy Literatures: Energy, Climate, and Crisis in the 20th and 21st Century [ENVT] (4.0 cr)
- ENGL 3063 - Environmental Justice Literatures [HDIV] (4.0 cr)
- ENGL 3153 - Gothic Literature (4.0 cr)
- ENGL 3154 - 19th-Century British Fiction (4.0 cr)
- ENGL 3155 - 20th-Century British Fiction (4.0 cr)
- ENGL 3156 - Modern Irish Literature (4.0 cr)
- ENGL 3157 - English Renaissance Drama (4.0 cr)
- ENGL 3159 - Shakespeare: Studies in the Bard (4.0 cr)
- ENGL 3163 - Life in a Medieval City: Literature and Culture in York, 700-1500 [HUM] (4.0 cr)
- ENGL 3165 - Seventeenth-Century Revolutions (4.0 cr)
- ENGL 3166 - Postcolonial Literature (4.0 cr)
- ENGL 3168 - Victorian Literature and Culture (4.0 cr)
- ENGL 3171 - The Literature of Creative Nonfiction (4.0 cr)
- ENGL 3172 - American Utopian Literature (4.0 cr)
- ENGL 3173 - Contemporary British Literature (4.0 cr)
- ENGL 3175 - Social Justice Biofiction [HUM] (4.0 cr)
- ENGL 3261 - Modern British and American Poetry (4.0 cr)
- ENGL 3262 - 20th- and 21st-Century American Poetry: From Modern to Contemporary [HDIV] (4.0 cr)
- ENGL 3301 - U.S. Multicultural Literature [HDIV] (4.0 cr)
- ENGL 3311 - American Indian Literature [HDIV] (4.0 cr)
- ENGL 3312 - World Indigenous Literature and Film [HDIV] (4.0 cr)
- ENGL 3331 - African American Literature [HDIV] (4.0 cr)
- ENGL 3332 - African American Women Writers [HDIV] (4.0 cr)
- ENGL 3522 - Harlem Renaissance [HDIV] (4.0 cr)

Public Reading Participation

Substantive participation in public reading of creative work.

Morris Campus

Data Science Minor

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Undergraduate free-standing minor
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 26 to 32
- N/A

Data science is one of the fastest growing segments in the modern economy. It is inherently multidisciplinary and offers high job satisfaction. The Division of Science and Math is dedicated to "quality undergraduate instruction in the natural and mathematical sciences so that its graduates are well prepared to seek employment at the B.A. level, to enter graduate or professional school, or to teach at the secondary school level."

UMM is also dedicated to "preparing its students to be global citizens who value and pursue intellectual growth, civic engagement, intercultural competence, and environmental stewardship." Being an informed global citizen and making informed decisions about public policy (civic engagement) and environmental issues (stewardship) is enhanced by the ability to understand, interpret, and analyze data-- all skills developed by the minor. Jobs not directly data-related are increasingly data-driven and the more data-savvy a student, the more prepared they will be to pursue their aspirations.

Although the majority of courses in the minor are Stats and CSci, data science has its own techniques, concerns, and professional communities. A data science minor will aid students interested in pursuing a career in data science or one that entails working with data scientists. A strong industry drive for practitioners to develop 'non-technical coursework' strongly aligns with the values of a liberal arts education and provides students the opportunity to leverage non-technical interests and coursework to increase their attractiveness to potential employers and graduate programs.

Objectives:

Familiarize students with the techniques and foundational material necessary for students to pursue future studies or careers in data science.

Ensure that students understand the ethical implications inherent in the data science field.

Develop the knowledge, skills, and experiences necessary to properly deal with data (data acumen).

Ensure that students can properly communicate data science ideas and results to both broad and specialized audiences.

Learning Outcomes:

Students will gain the ability to apply knowledge of data science to other disciplines

Students will develop their data acumen.

Students will be able to demonstrate an understanding of the ethical implications inherent in the data science discipline.

Students will be able to communicate data science ideas and results to both broad and specialized audiences effectively using presentation skills and visualizations.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Courses may not be taken S-N unless offered S-N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Statistical Literacy

[STAT 1601](#) - Introduction to Statistics [M/SR] (4.0 cr)

or [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)

Computational Literacy

[CSCI 1201](#) - Introduction to Digital Media Computation [M/SR] (4.0 cr)

or [CSCI 1251](#) - Computational Data Management and Manipulation [M/SR] (4.0 cr)



or [CSCI 1301](#) - Problem Solving and Algorithm Development [M/SR] (4.0 cr)

Ethics

[IS 1091](#) - Ethical and Social Implications of Technology [E/CR] (2.0 cr)

Core

Introduction to Data Science

[CSCI 2701](#) - Introduction to Data Science [M/SR] (4.0 cr)

or [STAT 2701](#) - Introduction to Data Science [M/SR] (4.0 cr)

Intermediate Data Science

[CSCI 3701](#) - Intermediate Data Science (4.0 cr)

or [STAT 3701](#) - Intermediate Data Science (4.0 cr)

Electives

At least one course from the list below or discipline approved course.

Take 1 or more course(s) from the following:

- [STAT 3501](#) - Survey Sampling [M/SR] (4.0 cr)
- [STAT 4601](#) - Biostatistics (4.0 cr)
- [STAT 4631](#) - Design and Analysis of Experiments (4.0 cr)
- [STAT 4651](#) - Applied Nonparametric Statistics (4.0 cr)
- [STAT 4671](#) - Statistical Computing (4.0 cr)
- [STAT 4681](#) - Introduction to Time Series Analysis (4.0 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans.

Computer Science

Data Structure, Algorithms and Complexity

[CSCI 2101](#) - Data Structures [M/SR] (5.0 cr)

[CSCI 3501](#) - Algorithms and Computability (5.0 cr)

Statistics

Multivariate Statistics

[STAT 3611](#) - Multivariate Statistical Analysis [M/SR] (4.0 cr)



Morris Campus

Economics B.A.

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 47
- Degree: Bachelor of Arts

The economics major is a rigorous, broad introduction to the theories and empirical tools of the field, which addresses the economic environment as a social science. Economists are interested in applications, but in the context that a central task is to explain economic relationships, institutions, and events with some generality. The background economics provides is of use to those contemplating careers in business, government, or teaching, as well as providing specific preparation for those interested in future graduate work in the field.

Program Student Learning Outcomes:

ObjectivesThe economics curriculum is designed to ensure that students will be able to:

1. Explain and illustrate how the methods of social science are applied by economists to problems of human interaction.
2. Describe and analyze the structure of markets and other key economic institutions.
3. Understand-explain the functioning of the United States and world economies.
4. Apply both economic theory and the quantitative tools of economics to specific problems or questions.
5. Find economic data and to read applied economic research.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Grades of D or D+ in ECON 1111-1112, MATH 1101, and STAT 1601 or 2601 may not be used to meet the major requirements.

Up to 4 credits of other economics coursework with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of credits of A or B.

Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses, Element 1 and Element 2

Element 1: Required Preparatory Courses

Students should complete the following during their first two years:

[ECON 1111](#) - Principles of Microeconomics [SS] (4.0 cr)

[ECON 1112](#) - Principles of Macroeconomics [SS] (4.0 cr)

[MATH 1101](#) - Calculus I [M/SR] (5.0 cr)

[STAT 1601](#) - Introduction to Statistics [M/SR] (4.0 cr)

or [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)

Element 2: Required Core Courses



Students should complete the following before their senior year:

- ECON 3201 - Microeconomic Theory (4.0 cr)
- ECON 3202 - Macroeconomic Theory (4.0 cr)
- ECON 3501 - Introduction to Econometrics [M/SR] (4.0 cr)

Element 3: Elective Courses

No more than 4 credits from each of the following can be applied to the major:

ECON x993 - Directed Study

ECON 4501/4502 - Senior/Advanced Research Seminar in Economics and Management

Take 14 or more credit(s) from the following:

- ECON 3005 - Experimental and Behavioral Economics I (2.0 cr)
- ECON 3006 - Experimental and Behavioral Economics II (2.0 cr)
- ECON 3007 - Environmental and Natural Resource Economics I [ENVT] (2.0 cr)
- ECON 3008 - Environmental and Natural Resource Economics II [ENVT] (2.0 cr)
- ECON 3009 - Political Economy (4.0 cr)
- ECON 3014 - Game Theory: The Theory of Strategic Behavior I (2.0 cr)
- ECON 3015 - Game Theory: The Theory of Strategic Behavior II (2.0 cr)
- ECON 3113 - Money, Banking, and Financial Markets (4.0 cr)
- ECON 3121 - Public Economics I (2.0 cr)
- ECON 3122 - Public Economics II (2.0 cr)
- ECON 3131 - Comparative Economic Systems [IP] (2.0 cr)
- ECON 3134 - Cooperative Business Model (2.0 cr)
- ECON 3136 - Economics of the Green Power Transition: New Business Models and Regulatory Strategies [ENVT] (2.0 cr)
- ECON 3141 - Economic Growth and Development I [IP] (2.0 cr)
- ECON 3142 - Economic Growth and Development II [IP] (2.0 cr)
- ECON 3172 - Strategic Firm Interaction and Market Structures (4.0 cr)
- ECON 3173 - Health Care Economics (4.0 cr)
- ECON 3211 - History of Economic Thought I [HIST] (2.0 cr)
- ECON 3212 - History of Economic Thought II [HIST] (2.0 cr)
- ECON 3993 - Directed Study (1.0 - 5.0 cr)
- ECON 3xxx

Element 4: Economics Capstone Block

Take 4 or more credit(s) from the following:

- ECON 4101 - Labor Economics I [HDIV] (2.0 cr)
- ECON 4102 - Labor Economics II (2.0 cr)
- ECON 4111 - Mathematical Economics I (2.0 cr)
- ECON 4112 - Mathematical Economics II (2.0 cr)
- ECON 4121 - International Trade Theory (2.0 cr)
- ECON 4131 - International Finance (2.0 cr)
- ECON 4141 - Empirics of Economic Growth (2.0 cr)
- ECON 4201 - Foundations of Microeconomic Theory (4.0 cr)
- ECON 4501 - Senior Research Seminar in Economics and Management (2.0 cr)
- ECON 4502 - Advanced Research Seminar in Economics and Management (2.0 cr)
- ECON 4993 - Directed Study (1.0 - 5.0 cr)

Morris Campus

Economics Minor

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 31

Objectives The economics curriculum is designed to ensure that students will be able to:

1. Explain and illustrate how the methods of social science are applied by economists to problems of human interaction.
2. Describe and analyze the structure of markets and other key economic institutions.
3. Understand-explain the functioning of the United States and world economies.
4. Apply both economic theory and the quantitative tools of economics to specific problems or questions.
5. Find economic data and to read applied economic research.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Grades of D or D+ in ECON 1111-1112, MATH 1101, and STAT 1601 or 2601 may not be used to meet minor requirements.

Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Element 1: Required Preparatory Courses

- ECON 1111 - Principles of Microeconomics [SS] (4.0 cr)
- ECON 1112 - Principles of Macroeconomics [SS] (4.0 cr)
- MATH 1101 - Calculus I [M/SR] (5.0 cr)
- STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
or STAT 2601 - Statistical Methods [M/SR] (4.0 cr)

Element 2: Required Core Courses

- ECON 3201 - Microeconomic Theory (4.0 cr)
- ECON 3202 - Macroeconomic Theory (4.0 cr)

Element 3: Elective Courses

No more than 4 credits from each of the following can be applied to the minor:

ECON x993 - Directed Study

ECON 4501/4502 - Senior/Advanced Research Seminar in Economics and Management

Take 6 or more credit(s) from the following:

- ECON 3005 - Experimental and Behavioral Economics I (2.0 cr)
- ECON 3006 - Experimental and Behavioral Economics II (2.0 cr)
- ECON 3007 - Environmental and Natural Resource Economics I [ENVT] (2.0 cr)
- ECON 3008 - Environmental and Natural Resource Economics II [ENVT] (2.0 cr)
- ECON 3009 - Political Economy (4.0 cr)
- ECON 3014 - Game Theory: The Theory of Strategic Behavior I (2.0 cr)
- ECON 3015 - Game Theory: The Theory of Strategic Behavior II (2.0 cr)
- ECON 3113 - Money, Banking, and Financial Markets (4.0 cr)
- ECON 3121 - Public Economics I (2.0 cr)
- ECON 3122 - Public Economics II (2.0 cr)
- ECON 3131 - Comparative Economic Systems [IP] (2.0 cr)
- ECON 3134 - Cooperative Business Model (2.0 cr)
- ECON 3136 - Economics of the Green Power Transition: New Business Models and Regulatory Strategies [ENVT] (2.0 cr)
- ECON 3141 - Economic Growth and Development I [IP] (2.0 cr)
- ECON 3142 - Economic Growth and Development II [IP] (2.0 cr)



- ECON 3172 - Strategic Firm Interaction and Market Structures (4.0 cr)
- ECON 3173 - Health Care Economics (4.0 cr)
- ECON 3211 - History of Economic Thought I [HIST] (2.0 cr)
- ECON 3212 - History of Economic Thought II [HIST] (2.0 cr)
- ECON 3501 - Introduction to Econometrics [M/SR] (4.0 cr)
- ECON 3993 - Directed Study (1.0 - 5.0 cr)
- ECON 3xxx
- ECON 4101 - Labor Economics I [HDIV] (2.0 cr)
- ECON 4102 - Labor Economics II (2.0 cr)
- ECON 4111 - Mathematical Economics I (2.0 cr)
- ECON 4112 - Mathematical Economics II (2.0 cr)
- ECON 4121 - International Trade Theory (2.0 cr)
- ECON 4131 - International Finance (2.0 cr)
- ECON 4141 - Empirics of Economic Growth (2.0 cr)
- ECON 4201 - Foundations of Microeconomic Theory (4.0 cr)
- ECON 4501 - Senior Research Seminar in Economics and Management (2.0 cr)
- ECON 4502 - Advanced Research Seminar in Economics and Management (2.0 cr)
- ECON 4993 - Directed Study (1.0 - 5.0 cr)
- ECON 4xxx



Morris Campus

Elementary Education B.A.

Division of Education

Division of Education

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 51
- Degree: Bachelor of Arts

A separate admissions process must be completed and admission granted before students enroll in this program.

The elementary education major leads to Minnesota licensure as a teacher of grades K-6. Students obtaining a K-6 license may also pursue an optional endorsement in one of the following five areas: 1) preprimary, 2) middle level communication arts and literature, 3) middle level mathematics, 4) middle level science, and 5) middle level social studies.

Program Student Learning Outcomes (PSLOs)- Coursework in elementary education is designed to meet standards of effective practice required for licensure and provide prospective teachers with opportunities to do the following:

- Understand central concepts, tools of inquiry, and structures of disciplines taught in the elementary school;
- Understand child and adolescent development theory, individual and group motivation and diversity among learners;
- Create instructional opportunities adapted to learners from diverse cultural backgrounds, and with exceptionalities;
- Use instructional strategies and technologies that reflect personal knowledge of effective verbal, nonverbal, and media communication techniques;
- Encourage development of critical thinking, problem solving, and performance skills;
- Understand and use formative and summative methods of student assessment;
- Plan and manage instruction;
- Engage in reflection and self-assessment; and
- Collaborate with parents/guardians, families, school colleagues, and the community in an ethical manner.

Students pursuing Minnesota teaching licensure at the elementary K-6 level and optional endorsement areas must have successfully completed licensure requirements in the elementary teacher education program and passed state and federally mandated examinations for new teachers. A minimum GPA of 2.50 overall with 2.75 minimum GPA in elementary education major and licensure area(s). The GPA includes all course work. All courses that fulfill requirements for teaching licensure in elementary education (discipline, professional education, or other courses) must be completed with a grade of C- or better. Required courses must be taken A-F, unless they are offered S/N only.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

Students must complete 60 credits before admission to the program.

A GPA above 2.0 is preferred for the following:

- 2.75 already admitted to the degree-granting college
- 2.75 transferring from another University of Minnesota college
- 2.75 transferring from outside the University

For admission to the major's two-year course sequence which begins each fall, students must follow the application procedure. Information sessions are held periodically to provide an overview of admissions and program requirements.

Students transferring from other schools must be admitted to UMM before admission to the elementary education program can be offered. Transfer students should seek academic planning advice from the education faculty in advance of application to the program.

Requirements:

Admission to UMM

Completion of required essential academic skills exams.

Minimum GPA of 2.50 overall with 2.75 minimum GPA in EIED major and licensure area(s). No grade below C- will be accepted in these courses.

Approximately 60 credits completed by the end of the sophomore year.

Approval of the faculty based on an interview, recommendations, assessment of prior experience (especially with children and other cultures), and progress toward degree.

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

Required prerequisites

Courses Required for Program Admission

- ED 2111 - Tutor-Aide Practicum (1.0 cr)
- ED 2121 - Introduction to Education [SS] (4.0 cr)
- ED 2601 - Development, Learning, and Teaching [SS] (2.0 cr)
 - or PSY 2411 - Lifespan Developmental Psychology [SS] (4.0 cr)
 - or PSY 3401 - Child Development (4.0 cr)
 - or PSY 3504 - Educational Psychology (4.0 cr)

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

All courses required for a major in elementary education must be completed with a grade of C- or better. Required courses must be taken A-F, unless they are offered S/N only. A minimum GPA of 2.75 is required in the major to graduate. The GPA includes all course work. Grades of "F" are included in GPA calculation until they are replaced.

Successful completion of course assignments, elementary education course grades of C- or better, satisfactory completion of field experiences, and minimum GPA of 2.50 overall with 2.75 minimum GPA in the elementary education major and licensure area(s) are required at the end of each semester for continued eligibility in the program.

Students seeking an additional major or minor should see requirements for the area of interest.

Major Requirements - Program Year One

- ELED 3101 - Teaching and Learning Strategies (3.0 cr)
- ELED 3102 - Reading Methods: Literacy and Language Instruction in the Elementary School (4.0 cr)
- ELED 3103 - Mathematics in the Elementary School (4.0 cr)
- ELED 3111 - Practicum I: Field Experience in the Elementary Classroom (2.0 cr)
- ELED 3204 - Advanced Childhood and Adolescent Development (2.0 cr)
- ELED 3205 - Advanced Reading Methods (2.0 cr)
- ELED 3211 - Practicum II: Field Experience in a Preprimary Setting (1.0 cr)
 - or ELED 3212 - Practicum II: Field Experience in a Middle Level Setting (1.0 cr)
 - or ELED 3213 - Practicum II: Field Experience in a K-6 Setting (1.0 cr)

Major Requirements - Program Year Two

- ELED 4102 - Social Studies in the Elementary School (2.0 cr)
- ELED 4103 - Science in the Elementary School (2.0 cr)
- ELED 4104 - Language Arts and Literature in the Elementary School (3.0 cr)
- ELED 4107 - Health and Physical Education in the Elementary School (1.0 cr)
- ELED 4111 - Practicum III: Beginning Student Teaching (2.0 cr)
- ELED 4112 - Practicum IV: Cross-Cultural Experience in the Elementary School (1.0 cr)
- ELED 4121 - Inclusion in the Elementary School (2.0 cr)
- ED 4901 - The Teacher and Professional Development (1.0 cr)

Student Teaching Requirements

1. Passing scores on required essential academic skills examinations or faculty approved remediation plan.
 2. Approval of elementary education faculty.
 3. Minimum GPA of 2.50 overall with 2.75 minimum GPA in EIED major and licensure area(s).
- ELED 4201 - Directed Student Teaching in Primary and Intermediate Grades [HDIV] (12.0 cr)
 - or ELED 4204 - Directed Global Student Teaching at the Primary and Intermediate Level [IP] (1.0 - 16.0 cr)



Program Sub-plans

A sub-plan is not required for this program.

Elementary Education Minnesota Licensure Requirements

Students planning to teach in Minnesota elementary schools must meet the licensure requirements of the Professional Educator Licensing and Standards Board (PELSB). The following program is designed to meet these requirements which are subject to change when the PELSB implements new licensure rules. Note: Students must complete licensure requirements and apply for licensure within seven years from time of admission to the program. After seven years, all education courses previously taken are void and must be retaken.

1. EIED Major Requirement

All requirements for an elementary education major must be complete in order to be licensed.

2. Communication Arts and Literature

Students must also complete the general education requirements for writing and foreign language.

[CMR 1042](#) - Public Speaking and Analysis [E/CR] (4.0 cr)

Any Engl 1xxx or above course that falls outside of the following categories: WLA, remedial, IC, directed study. Engl 3021 is recommended.

ENGL 1xxx

or ENGL 2xxx

or [ENGL 3021](#) - Grammar and Language [HUM] (4.0 cr)

or ENGL 3xxx

3. Mathematics and Statistics

[MATH 1001](#) - Excursions in Mathematics [M/SR] (4.0 cr)

[STAT 1601](#) - Introduction to Statistics [M/SR] (4.0 cr)

or [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)

or [STAT 2611](#) - Mathematical Statistics [M/SR] (4.0 cr)

4. Visual and Performing Arts

Students must complete two courses from two different disciplines.

In the listings below, 1xxx is equivalent to 1xxx or above.

Take 2 or more course(s) including 2 or more sub-requirements(s) from the following:

• [ARTH 1101](#) - Interpreting the Visual World: An Introduction to Art History [FA] (4.0 cr)

or ARTH 1xxx

or [ARTS 1008](#) - Visual Studies for Non-Majors: Ceramics [ART/P] (2.0 - 4.0 cr)

or ARTS 1xxx

• DNCE 1xxx

• [MUS 1041](#) - Introduction to Music [FA] (4.0 cr)

or [MUS 1042](#) - Fundamentals of Music [FA] (4.0 cr)

or MUS 1xxx

• [TH 1101](#) - The Theatre Experience: An Introduction [FA] (4.0 cr)

or TH 1xxx

or [TH 2111](#) - Creative Drama with Children [ART/P] (4.0 cr)

5. Social Studies

Students must complete two courses from two different disciplines.

In the listings below, 1xxx is equivalent to 1xxx or above.

Take 2 or more course(s) including 2 or more sub-requirements(s) from the following:

Sub-requirement 1: Anthropology

• [ANTH 1111](#) - Introductory Cultural Anthropology [SS] (4.0 cr)

or ANTH 1xxx

Sub-requirement 2: Economics

• [ECON 1111](#) - Principles of Microeconomics [SS] (4.0 cr)

or [ECON 1112](#) - Principles of Macroeconomics [SS] (4.0 cr)

or ECON 1xxx

Sub-requirement 3: Geography

• GEOG 1xxx

or [GEOG 2001](#) - Problems in Geography [ENVT] (4.0 cr)

Sub-requirement 4: History

• [HIST 1301](#) - Introduction to U.S. History [HIST] (4.0 cr)

or HIST 1xxx

Sub-requirement 5: Political Science

• [POL 1201](#) - American Government and Politics [E/CR] (4.0 cr)

or POL 1xxx

Sub-requirement 6: Sociology

• [SOC 1101](#) - Introductory Sociology [SS] (4.0 cr)

or SOC 1xxx

or [SOC 3122](#) - Sociology of Childhoods [HDIV] (4.0 cr)

6. Science

Students must complete two courses from two different disciplines, at least one with a lab (SCI-L).

In the listing below, 1xxx is equivalent to 1xxx or above.

Take 2 or more course(s) including 2 or more sub-requirements(s) from the following:

Sub-requirement 1: Biology

•BIOL 1xxx

Sub-requirement 2: Chemistry

•CHEM 1xxx

Sub-requirement 3: Environmental Science

•ESCI 1xxx

Sub-requirement 4: Geology

•[GEOL 1001](#) - Environmental Geology: Geology in Daily Life [SCI] (4.0 cr)

or [GEOL 1101](#) - Physical Geology [SCI-L] (4.0 cr)

or GEOL 1xxx

Sub-requirement 5: Physics

•[PHYS 1052](#) - The Solar System [SCI-L] (5.0 cr)

or PHYS 1xxx

7. Psychology

[PSY 2581](#) - Drugs and Human Behavior [SS] (2.0 cr)

8. Cross-Cultural Field Experience

Students must successfully complete a cross-cultural field experience.

9. Additional Licensure Requirements

GPA requirements:

a) Minimum GPA of 2.50 overall with 2.75 minimum GPA in EEd major and licensure area(s).

b) No grade below C- will be accepted.

c) No courses may be taken S/N.

State-required exams:

Passing scores on all state-required essential academic skills, pedagogy, content, and performance examinations.

Discipline Approval:

Approval of elementary education faculty.

Field Experiences:

Field experiences have been completed in the full scope of licensure.

Preprimary Education Endorsement

Students planning to complete this sub-plan must also complete the requirements for elementary K-6 licensure. This endorsement requires separate admission and additional state-required examinations.

1. Preprimary Education (age 3 to PreK)

Students planning to complete this sub-plan should take ELED 3211 in addition to the following courses:

[ELED 3203](#) - Preprimary Theory and Pedagogy (4.0 cr)

[ELED 4206](#) - Directed Student Teaching in Preprimary Classroom [HDIV] (4.0 cr)

[SOC 1101](#) - Introductory Sociology [SS] (4.0 cr)

Additional Courses

Additional courses may be accepted in place of the courses listed below. Contact the Elementary Education Discipline Coordinator for more information.

Take 2 or more course(s) from the following:

•[PSY 2402](#) - Family Interaction Dynamics [SS] (4.0 cr)

•[PSY 2411](#) - Lifespan Developmental Psychology [SS] (4.0 cr)

•[PSY 3101](#) - Learning Theory and Behavior Modification (4.0 cr)

•[PSY 3302](#) - Personality (4.0 cr)

•[PSY 3313](#) - Psychopathology (4.0 cr)

•[PSY 3401](#) - Child Development (4.0 cr)

•[SOC 3122](#) - Sociology of Childhoods [HDIV] (4.0 cr)

•[TH 2111](#) - Creative Drama with Children [ART/P] (4.0 cr)

or [TH 2112](#) - Drama in the Classroom [ART/P] (2.0 cr)

Middle Level Education Endorsement - Communication Arts & Literature

Students planning to complete this sub-plan must also complete the requirements for elementary K-6 licensure. This endorsement requires separate admission and additional state-required examinations.

2. Middle Level Comm. Arts & Lit. (grades 5-8)

In addition to the required courses listed below, a minor in English is strongly recommended. Students planning to complete this sub-plan should take EEd 3212 in addition to the following courses:

[CMR 1042](#) - Public Speaking and Analysis [E/CR] (4.0 cr)

ELED 3202 - Middle Level Theory and Methods (1.0 cr)
ELED 4207 - Directed Student Teaching in Middle Level Classroom [HDIV] (4.0 cr)
ENGE 4121 - Methods of Teaching Communication Arts and Literature in the Middle and Secondary School (4.0 cr)
ENGL 1509 - Literary Studies [HUM] (4.0 cr)

Additional Courses

Engl 3021 is recommended. In the listing below, 2xxx is equivalent to 2xxx or above.

Take 3 or more course(s) from the following:

- ED 2201 - Perspectives on Young Adult Literature: Schooling, Society, and Culture [HUM] (4.0 cr)
- ENGL 2xxx
- ENGL 3021 - Grammar and Language [HUM] (4.0 cr)

Middle Level Education Endorsement- Mathematics

Students planning to complete this sub-plan must also complete the requirements for elementary K-6 licensure. This endorsement requires separate admission and additional state-required examinations.

3. Middle Level Mathematics (grades 5-8)

In addition to the required courses listed below, a minor in mathematics is strongly recommended. Students planning to complete this sub-plan should take EIED 3212 in addition to the following courses:

MTHE 4121 - Methods of Teaching Mathematics in the Middle and Secondary School (4.0 cr)
MATH 1101 - Calculus I [M/SR] (5.0 cr)
MATH 1102 - Calculus II [M/SR] (5.0 cr)
ELED 3202 - Middle Level Theory and Methods (1.0 cr)
ELED 4207 - Directed Student Teaching in Middle Level Classroom [HDIV] (4.0 cr)
STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
or STAT 2601 - Statistical Methods [M/SR] (4.0 cr)
or STAT 2611 - Mathematical Statistics [M/SR] (4.0 cr)

Additional Courses

Math 3111 is recommended. In the listing below, 2xxx is equivalent to 2xxx or above.

Take 2 or more course(s) from the following:

- MATH 3111 - Linear Algebra (4.0 cr)
- MATH 2xxx

Middle Level Education Endorsement - Social Studies

Students planning to complete this sub-plan must also complete the requirements for elementary K-6 licensure. This endorsement requires separate admission and additional state-required examinations.

4. Middle Level Social Studies (grades 5-8)

In addition to the required courses listed below, a minor in anthropology, economics, history, political science, or sociology is strongly recommended. Students planning to complete this sub-plan should take EIED 3212 in addition to the following courses:

SSCE 4121 - Methods of Teaching Social Science in the Middle and Secondary School (4.0 cr)
ELED 3202 - Middle Level Theory and Methods (1.0 cr)
ELED 4207 - Directed Student Teaching in Middle Level Classroom [HDIV] (4.0 cr)
ECON 1112 - Principles of Macroeconomics [SS] (4.0 cr)
HIST 1301 - Introduction to U.S. History [HIST] (4.0 cr)
POL 1201 - American Government and Politics [E/CR] (4.0 cr)
or POL 1xxx or above
ANTH 1111 - Introductory Cultural Anthropology [SS] (4.0 cr)
or SOC 1101 - Introductory Sociology [SS] (4.0 cr)

Additional Courses

Geog 2001 is recommended. In the listing below, 1xxx is equivalent to 1xxx or above.

Take 1 or more course(s) from the following:

- ANTH 1xxx
- ECON 1xxx
- HIST 1xxx
- POL 1xxx
- SOC 1xxx
- GEOG 2001 - Problems in Geography [ENVT] (4.0 cr)

Middle Level Education Endorsement - Science

Students planning to complete this sub-plan must also complete the requirements for elementary K-6 licensure. This endorsement requires separate admission and additional state-required examinations.

5. Middle Level Science (grades 5-8)

Students planning to complete this sub-plan should take ELED 3212 in addition to the following courses:

BIOL 1111 - Fundamentals of Genetics, Evolution, and Development [SCI] (3.0 cr)



BIOL 2101 - Evolution of Biodiversity [SCI-L] (4.0 cr)
CHEM 1101 - General Chemistry I [SCI-L] (5.0 cr)
ELED 3202 - Middle Level Theory and Methods (1.0 cr)
ELED 4207 - Directed Student Teaching in Middle Level Classroom [HDIV] (4.0 cr)
GEOL 1101 - Physical Geology [SCI-L] (4.0 cr)
SCIE 4121 - Methods of Teaching Science in the Middle and Secondary School (4.0 cr)
PHYS 1052 - The Solar System [SCI-L] (5.0 cr)
PHYS 1091 - Principles of Physics I [SCI-L] (5.0 cr)
PHYS 1092 - Principles of Physics II [SCI-L] (5.0 cr)
or PHYS 1101 - General Physics I [SCI-L] (5.0 cr)
PHYS 1102 - General Physics II [SCI-L] (5.0 cr)
CHEM 1102 - General Chemistry II [SCI-L] (5.0 cr)
or ED 3993 - Directed Study (1.0 - 5.0 cr)



Morris Campus

English B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40 to 48
- Degree: Bachelor of Arts

In English, students study literature and language, including its development over time and contemporary significance. Courses for both majors and non-majors offer a wide range of approaches and topics. Some courses focus on single authors, genres, or historical periods; others emphasize social contexts of literature, investigate representations of race or gender, or explore literary perceptions of the environment. Still, others cover film, creative writing, and contemporary popular literature.

English offers a Creative Writing Track for English majors and a Creative Writing Minor for non-majors. The Creative Writing program includes introductory classes in the techniques of poetry and prose writing, advanced classes in genres such as fiction, poetry, and creative nonfiction, and a variety of topics courses.

Objectives--The curriculum introduces students to the main literary genres and important historical periods and movements in English; to representative works of British, American, and Anglophone literature; and to methods of critical interpretation. The major is designed to meet the needs of students with various goals, including those seeking a foundation for work in fields related to English (e.g., education, communications, editing and publishing, law, theater); those who want a humanistic base in reading, thinking, and writing for a liberal arts education; and those who intend to pursue graduate study in the field. Students engage in critical reading, oral and written analysis of texts, formal argumentation, and research.

English classes tend to be small and conversational. Students collaborate with one another by discussing subtle and complex texts while discovering their own interpretive voices by writing clear and persuasive essays.

Program Student Learning Outcomes

Students will:

1. Be able to analyze both primary and secondary texts;
2. Be able to write a coherent argument, both with and without secondary sources;
3. Develop writing skills and processes in order to achieve specific writing goals;
4. Demonstrate basic knowledge of critical approaches and practices of literary study;
5. Demonstrate basic knowledge of literary history.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the major requirements. Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

ENGL 1509 - Literary Studies [HUM] (4.0 cr)

Take exactly 12 credit(s) from the following:

- ENGL 1205** - Survey of British Literature to the 18th Century [HUM] (4.0 cr)
- ENGL 1206** - Survey of British Literature from the 18th Century Forward [HUM] (4.0 cr)
- ENGL 1211** - Survey of American Literature to the Civil War [HUM] (4.0 cr)
- ENGL 1212** - Survey of American Literature from the Civil War Forward [HUM] (4.0 cr)

Research Seminar

A research-based study of a literary subject that forms a capstone experience for majors. 40xx courses are offered in rotation.

Take 4 or more credit(s) from the following:

- ENGL 4004** - Research Seminar: Old English Literature and Language (4.0 cr)
- ENGL 4012** - Research Seminar: Environmental Literature and Theory (4.0 cr)
- ENGL 4017** - Research Seminar: Tricksters-Conjurers in American Indian and African American Literature [HDIV] (4.0 cr)
- ENGL 4023** - Research Seminar: Nationalism and Irish Literature (4.0 cr)
- ENGL 4027** - Research Seminar: Dickens and Criticism (4.0 cr)
- ENGL 4028** - Research Seminar: Inventing a Nation: Early American National Literature (4.0 cr)
- ENGL 4031** - Research Seminar: Renaissance Romance (4.0 cr)
- ENGL 4032** - Research Seminar: Transnational Theory and Literatures (4.0 cr)
- ENGL 4034** - Research Seminar: The Adventure Novel in American and British Literature (4.0 cr)
- ENGL 4035** - Research Seminar: Booker Watch: Contemporary British Literature and the Emergence of Canonicity [IP] (4.0 cr)
- ENGL 4037** - Research Seminar: The Biographical Novel (4.0 cr)
- ENGL 4038** - Research Seminar: Writing Early Ireland [HUM] (4.0 cr)
- ENGL 4040** - Research Seminar: Recent Debates About Fiction (4.0 cr)

Lower Level Elective Courses

4 of the 40 credits in the major must have an HDIV designator at 2xxx or above. No more than 4 credits of 1xxx or 2xxx courses, other than the required Literary Studies and surveys may count in the major. A survey course, not used previously, may count as an elective.

Take at most 4 credit(s) from the following:

- ENGL 1028** - Introduction to Popular Literature: Science Fiction [HUM] (4.0 cr)
- ENGL 1029** - Introduction to Popular Literature: Detection and Espionage in Fiction and Film [HUM] (4.0 cr)
- ENGL 1126** - Introduction to Children's Literature [HUM] (4.0 cr)
- ENGL 1127** - Science in Literature [HUM] (4.0 cr)
- ENGL 1205** - Survey of British Literature to the 18th Century [HUM] (4.0 cr)
- ENGL 1206** - Survey of British Literature from the 18th Century Forward [HUM] (4.0 cr)
- ENGL 1211** - Survey of American Literature to the Civil War [HUM] (4.0 cr)
- ENGL 1212** - Survey of American Literature from the Civil War Forward [HUM] (4.0 cr)
- ENGL 1403** - Sports Literature and Writing [ART/P] (4.0 cr)
- ENGL 1404W** - Topics in Writing: Introduction to Creative Writing [ART/P] (4.0 cr)
- ENGL 2015** - Introduction to Film Studies [HUM] (4.0 cr)
- ENGL 2031** - Gender in Literature and Culture [HDIV] (4.0 cr)
- ENGL 2033** - The Bible and Literature [HUM] (4.0 cr)
- ENGL 2034** - Contemporary Literature from India and the Caribbean [IP] (4.0 cr)
- ENGL 2041** - Introduction to African American Literature [HDIV] (4.0 cr)
- ENGL 2059** - Introduction to Shakespeare [HUM] (4.0 cr)
- ENGL 2106** - Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World [ENVT] (4.0 cr)
- ENGL 2108** - Writing With Style (2.0 cr)
- ENGL 2111** - Reading and Writing Fantasy [ART/P] (4.0 cr)
- ENGL 2162** - Careers for Writers [HUM] (4.0 cr)
- ENGL 2173** - The Nature Essay: Writing and Reading Creative Non-fiction about the Natural World [ENVT] (4.0 cr)
- ENGL 2411** - Representations of American Indians in Popular and Academic Culture [HDIV] (4.0 cr)
- ENGL 2xxx
- HUM 1xxx

Upper Level Elective Courses

Up to 4 credits of 3993, 4993 may count in the major.

Take 16 or more credit(s) from the following:

- ENGL 3005** - Understanding Writing: Theories and Practices [HUM] (4.0 cr)
- ENGL 3012** - Advanced Fiction Writing [ART/P] (4.0 cr)
- ENGL 3015** - Advanced Poetry [ART/P] (4.0 cr)
- ENGL 3021** - Grammar and Language [HUM] (4.0 cr)
- ENGL 3032** - Creative Nonfiction Writing [ART/P] (4.0 cr)
- ENGL 3043** - Medieval Makings of Tolkien's Worlds (4.0 cr)
- ENGL 3062** - Carbon Energy Literatures: Energy, Climate, and Crisis in the 20th and 21st Century [ENVT] (4.0 cr)



- ENGL 3063 - Environmental Justice Literatures [HDIV] (4.0 cr)
- ENGL 3064 - Queer Literatures [HDIV] (4.0 cr)
- ENGL 3153 - Gothic Literature (4.0 cr)
- ENGL 3154 - 19th-Century British Fiction (4.0 cr)
- ENGL 3155 - 20th-Century British Fiction (4.0 cr)
- ENGL 3156 - Modern Irish Literature (4.0 cr)
- ENGL 3157 - English Renaissance Drama (4.0 cr)
- ENGL 3159 - Shakespeare: Studies in the Bard (4.0 cr)
- ENGL 3163 - Life in a Medieval City: Literature and Culture in York, 700-1500 [HUM] (4.0 cr)
- ENGL 3165 - Seventeenth-Century Revolutions (4.0 cr)
- ENGL 3166 - Postcolonial Literature (4.0 cr)
- ENGL 3168 - Victorian Literature and Culture (4.0 cr)
- ENGL 3171 - The Literature of Creative Nonfiction (4.0 cr)
- ENGL 3172 - American Utopian Literature (4.0 cr)
- ENGL 3173 - Contemporary British Literature (4.0 cr)
- ENGL 3175 - Social Justice Biofiction [HUM] (4.0 cr)
- ENGL 3261 - Modern British and American Poetry (4.0 cr)
- ENGL 3262 - 20th- and 21st-Century American Poetry: From Modern to Contemporary [HDIV] (4.0 cr)
- ENGL 3301 - U.S. Multicultural Literature [HDIV] (4.0 cr)
- ENGL 3311 - American Indian Literature [HDIV] (4.0 cr)
- ENGL 3312 - World Indigenous Literature and Film [HDIV] (4.0 cr)
- ENGL 3331 - African American Literature [HDIV] (4.0 cr)
- ENGL 3332 - African American Women Writers [HDIV] (4.0 cr)
- ENGL 3411 - Critical Approaches to Literature (4.0 cr)
- ENGL 3414 - Feminist Theory [HDIV] (4.0 cr)
- ENGL 3522 - Harlem Renaissance [HDIV] (4.0 cr)
- ENGL 3993 - Directed Study (1.0 - 5.0 cr)
- ENGL 3xxx
- ENGL 4993 - Directed Study (1.0 - 5.0 cr)
- ENGL 4xxx
- HUM 3xxx
- HUM 4xxx

Program Sub-plans

A sub-plan is not required for this program.

Creative Writing

To earn an English Creative Writing subplan, students must complete 48 credits; these must include ENGL 1404 and eight other writing credits of which four credits must be at the ENGL 3xxx level.

NOTE: Students must also complete the required courses, the research seminar, and a 2xxx-level or above elective that carries the HDIV designation as listed under the English major program requirements. Eight credits of electives must be outside of creative writing courses [see list below].

Required Courses

We strongly recommend that students take Engl 1404 or equivalent in the classroom and not online.

[ENGL 1404W](#) - Topics in Writing: Introduction to Creative Writing [ART/P] (4.0 cr)

Electives

Choose 20 total electives from the following categories. Note that a course may not count in more than one category. Only one 1xxx or 2xxx-level elective allowed in the elective categories.

Writing Electives

Take at most 8 credit(s) from the following:

Upper Division Electives

Take at most 8 credit(s) from the following:

- ENGL 3012 - Advanced Fiction Writing [ART/P] (4.0 cr)
- ENGL 3015 - Advanced Poetry [ART/P] (4.0 cr)
- ENGL 3032 - Creative Nonfiction Writing [ART/P] (4.0 cr)

Additional Electives

Take at most 4 credit(s) from the following:

- ENGL 1403 - Sports Literature and Writing [ART/P] (4.0 cr)
- ENGL 2106 - Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World [ENVT] (4.0 cr)
- ENGL 2111 - Reading and Writing Fantasy [ART/P] (4.0 cr)
- ENGL 2162 - Careers for Writers [HUM] (4.0 cr)



- ENGL 2173 - The Nature Essay: Writing and Reading Creative Non-fiction about the Natural World [ENVT] (4.0 cr)
- FREN 3410 - Medieval and Early Modern Studies: Troubadours and Old Occitan: Creative Writing in the Middle Ages [HUM] (4.0 cr)

Literature Electives

If you complete Engl 1403, 2106, or 2173 as a writing elective, you must choose all 3000-level elective courses. If you have not completed a 2000-level writing elective, you may choose one 1000 or 2000-level elective course.

Take 0 - 8 credit(s) from the following:

- ENGL 1028 - Introduction to Popular Literature: Science Fiction [HUM] (4.0 cr)
- ENGL 1029 - Introduction to Popular Literature: Detection and Espionage in Fiction and Film [HUM] (4.0 cr)
- ENGL 1126 - Introduction to Children's Literature [HUM] (4.0 cr)
- ENGL 1127 - Science in Literature [HUM] (4.0 cr)
- ENGL 1205 - Survey of British Literature to the 18th Century [HUM] (4.0 cr)
- ENGL 1206 - Survey of British Literature from the 18th Century Forward [HUM] (4.0 cr)
- ENGL 1211 - Survey of American Literature to the Civil War [HUM] (4.0 cr)
- ENGL 1212 - Survey of American Literature from the Civil War Forward [HUM] (4.0 cr)
- ENGL 2015 - Introduction to Film Studies [HUM] (4.0 cr)
- ENGL 2031 - Gender in Literature and Culture [HDIV] (4.0 cr)
- ENGL 2033 - The Bible and Literature [HUM] (4.0 cr)
- ENGL 2034 - Contemporary Literature from India and the Caribbean [IP] (4.0 cr)
- ENGL 2041 - Introduction to African American Literature [HDIV] (4.0 cr)
- ENGL 2059 - Introduction to Shakespeare [HUM] (4.0 cr)
- ENGL 2411 - Representations of American Indians in Popular and Academic Culture [HDIV] (4.0 cr)
- ENGL 2xxx
- ENGL 3043 - Medieval Makings of Tolkien's Worlds (4.0 cr)
- ENGL 3062 - Carbon Energy Literatures: Energy, Climate, and Crisis in the 20th and 21st Century [ENVT] (4.0 cr)
- ENGL 3063 - Environmental Justice Literatures [HDIV] (4.0 cr)
- ENGL 3064 - Queer Literatures [HDIV] (4.0 cr)
- ENGL 3153 - Gothic Literature (4.0 cr)
- ENGL 3154 - 19th-Century British Fiction (4.0 cr)
- ENGL 3155 - 20th-Century British Fiction (4.0 cr)
- ENGL 3156 - Modern Irish Literature (4.0 cr)
- ENGL 3157 - English Renaissance Drama (4.0 cr)
- ENGL 3159 - Shakespeare: Studies in the Bard (4.0 cr)
- ENGL 3163 - Life in a Medieval City: Literature and Culture in York, 700-1500 [HUM] (4.0 cr)
- ENGL 3165 - Seventeenth-Century Revolutions (4.0 cr)
- ENGL 3166 - Postcolonial Literature (4.0 cr)
- ENGL 3168 - Victorian Literature and Culture (4.0 cr)
- ENGL 3171 - The Literature of Creative Nonfiction (4.0 cr)
- ENGL 3172 - American Utopian Literature (4.0 cr)
- ENGL 3173 - Contemporary British Literature (4.0 cr)
- ENGL 3175 - Social Justice Biofiction [HUM] (4.0 cr)
- ENGL 3261 - Modern British and American Poetry (4.0 cr)
- ENGL 3262 - 20th- and 21st-Century American Poetry: From Modern to Contemporary [HDIV] (4.0 cr)
- ENGL 3301 - U.S. Multicultural Literature [HDIV] (4.0 cr)
- ENGL 3311 - American Indian Literature [HDIV] (4.0 cr)
- ENGL 3312 - World Indigenous Literature and Film [HDIV] (4.0 cr)
- ENGL 3331 - African American Literature [HDIV] (4.0 cr)
- ENGL 3332 - African American Women Writers [HDIV] (4.0 cr)
- ENGL 3414 - Feminist Theory [HDIV] (4.0 cr)
- ENGL 3522 - Harlem Renaissance [HDIV] (4.0 cr)
- ENGL 3993 - Directed Study (1.0 - 5.0 cr)
- ENGL 3xxx
- ENGL 4993 - Directed Study (1.0 - 5.0 cr)
- ENGL 4xxx

Public Reading Participation

Substantive participation in public reading of creative work.

Morris Campus

English Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20

In English, students study literature and language, including its development over time and contemporary significance. Courses for both majors and non-majors offer a wide range of approaches and topics. Some courses focus on single authors, genres, or historical periods; others emphasize social contexts of literature, investigate representations of race or gender, or explore literary perceptions of the environment. Still, others cover film, creative writing, and contemporary popular literature.

Objectives--The curriculum introduces students to the main literary genres and important historical periods and movements in English; to representative works of British, American, and Anglophone literature; and to methods of critical interpretation. Students engage in critical reading, oral and written analysis of texts, formal argumentation, and research.

English classes tend to be small and conversational. Students collaborate with one another by discussing subtle and complex texts while discovering their own interpretive voices by writing clear and persuasive essays.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the minor requirements. Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

[ENGL 1509](#) - Literary Studies [HUM] (4.0 cr)

Take exactly 8 credit(s) from the following:

- [ENGL 1205](#) - Survey of British Literature to the 18th Century [HUM] (4.0 cr)
- [ENGL 1206](#) - Survey of British Literature from the 18th Century Forward [HUM] (4.0 cr)
- [ENGL 1211](#) - Survey of American Literature to the Civil War [HUM] (4.0 cr)
- [ENGL 1212](#) - Survey of American Literature from the Civil War Forward [HUM] (4.0 cr)

Elective Courses

4 of the 20 credits in the minor must have an HDIV designator at 2xxx or above. No more than 4 credits of 1xxx or 2xxx courses, other than the required Literary Studies and surveys, may count in the minor. A survey course, not used previously, may count as an elective.

Take at most 4 credit(s) from the following:

- [ENGL 1028](#) - Introduction to Popular Literature: Science Fiction [HUM] (4.0 cr)
- [ENGL 1029](#) - Introduction to Popular Literature: Detection and Espionage in Fiction and Film [HUM] (4.0 cr)
- [ENGL 1126](#) - Introduction to Children's Literature [HUM] (4.0 cr)
- [ENGL 1127](#) - Science in Literature [HUM] (4.0 cr)
- [ENGL 1205](#) - Survey of British Literature to the 18th Century [HUM] (4.0 cr)
- [ENGL 1206](#) - Survey of British Literature from the 18th Century Forward [HUM] (4.0 cr)
- [ENGL 1211](#) - Survey of American Literature to the Civil War [HUM] (4.0 cr)
- [ENGL 1212](#) - Survey of American Literature from the Civil War Forward [HUM] (4.0 cr)
- [ENGL 1403](#) - Sports Literature and Writing [ART/P] (4.0 cr)
- [ENGL 1404W](#) - Topics in Writing: Introduction to Creative Writing [ART/P] (4.0 cr)
- [ENGL 2015](#) - Introduction to Film Studies [HUM] (4.0 cr)
- [ENGL 2031](#) - Gender in Literature and Culture [HDIV] (4.0 cr)
- [ENGL 2033](#) - The Bible and Literature [HUM] (4.0 cr)
- [ENGL 2034](#) - Contemporary Literature from India and the Caribbean [IP] (4.0 cr)



- ENGL 2041 - Introduction to African American Literature [HDIV] (4.0 cr)
- ENGL 2059 - Introduction to Shakespeare [HUM] (4.0 cr)
- ENGL 2106 - Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World [ENVT] (4.0 cr)
- ENGL 2108 - Writing With Style (2.0 cr)
- ENGL 2111 - Reading and Writing Fantasy [ART/P] (4.0 cr)
- ENGL 2162 - Careers for Writers [HUM] (4.0 cr)
- ENGL 2173 - The Nature Essay: Writing and Reading Creative Non-fiction about the Natural World [ENVT] (4.0 cr)
- ENGL 2411 - Representations of American Indians in Popular and Academic Culture [HDIV] (4.0 cr)
- ENGL 2xxx

Take 4 or more credit(s) from the following:

- ENGL 3005 - Understanding Writing: Theories and Practices [HUM] (4.0 cr)
- ENGL 3012 - Advanced Fiction Writing [ART/P] (4.0 cr)
- ENGL 3015 - Advanced Poetry [ART/P] (4.0 cr)
- ENGL 3021 - Grammar and Language [HUM] (4.0 cr)
- ENGL 3032 - Creative Nonfiction Writing [ART/P] (4.0 cr)
- ENGL 3043 - Medieval Makings of Tolkien's Worlds (4.0 cr)
- ENGL 3062 - Carbon Energy Literatures: Energy, Climate, and Crisis in the 20th and 21st Century [ENVT] (4.0 cr)
- ENGL 3063 - Environmental Justice Literatures [HDIV] (4.0 cr)
- ENGL 3064 - Queer Literatures [HDIV] (4.0 cr)
- ENGL 3153 - Gothic Literature (4.0 cr)
- ENGL 3154 - 19th-Century British Fiction (4.0 cr)
- ENGL 3155 - 20th-Century British Fiction (4.0 cr)
- ENGL 3156 - Modern Irish Literature (4.0 cr)
- ENGL 3157 - English Renaissance Drama (4.0 cr)
- ENGL 3159 - Shakespeare: Studies in the Bard (4.0 cr)
- ENGL 3163 - Life in a Medieval City: Literature and Culture in York, 700-1500 [HUM] (4.0 cr)
- ENGL 3165 - Seventeenth-Century Revolutions (4.0 cr)
- ENGL 3166 - Postcolonial Literature (4.0 cr)
- ENGL 3168 - Victorian Literature and Culture (4.0 cr)
- ENGL 3171 - The Literature of Creative Nonfiction (4.0 cr)
- ENGL 3172 - American Utopian Literature (4.0 cr)
- ENGL 3173 - Contemporary British Literature (4.0 cr)
- ENGL 3175 - Social Justice Biofiction [HUM] (4.0 cr)
- ENGL 3261 - Modern British and American Poetry (4.0 cr)
- ENGL 3262 - 20th- and 21st-Century American Poetry: From Modern to Contemporary [HDIV] (4.0 cr)
- ENGL 3301 - U.S. Multicultural Literature [HDIV] (4.0 cr)
- ENGL 3311 - American Indian Literature [HDIV] (4.0 cr)
- ENGL 3312 - World Indigenous Literature and Film [HDIV] (4.0 cr)
- ENGL 3331 - African American Literature [HDIV] (4.0 cr)
- ENGL 3332 - African American Women Writers [HDIV] (4.0 cr)
- ENGL 3411 - Critical Approaches to Literature (4.0 cr)
- ENGL 3414 - Feminist Theory [HDIV] (4.0 cr)
- ENGL 3522 - Harlem Renaissance [HDIV] (4.0 cr)
- ENGL 3xxx
- ENGL 4004 - Research Seminar: Old English Literature and Language (4.0 cr)
- ENGL 4012 - Research Seminar: Environmental Literature and Theory (4.0 cr)
- ENGL 4017 - Research Seminar: Tricksters-Conjurers in American Indian and African American Literature [HDIV] (4.0 cr)
- ENGL 4023 - Research Seminar: Nationalism and Irish Literature (4.0 cr)
- ENGL 4027 - Research Seminar: Dickens and Criticism (4.0 cr)
- ENGL 4028 - Research Seminar: Inventing a Nation: Early American National Literature (4.0 cr)
- ENGL 4031 - Research Seminar: Renaissance Romance (4.0 cr)
- ENGL 4032 - Research Seminar: Transnational Theory and Literatures (4.0 cr)
- ENGL 4034 - Research Seminar: The Adventure Novel in American and British Literature (4.0 cr)
- ENGL 4035 - Research Seminar: Booker Watch: Contemporary British Literature and the Emergence of Canonicity [IP] (4.0 cr)
- ENGL 4037 - Research Seminar: The Biographical Novel (4.0 cr)
- ENGL 4038 - Research Seminar: Writing Early Ireland [HUM] (4.0 cr)
- ENGL 4039 - Research Seminar: Feminist and Queer Storytelling [HDIV] (4.0 cr)
- ENGL 4040 - Research Seminar: Recent Debates About Fiction (4.0 cr)
- ENGL 4xxx

Morris Campus

Environmental Science B.A.

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 74 to 75
- Degree: Bachelor of Arts

This major is for students interested in an interdisciplinary science education that prepares them to deal with environmental challenges. The basic natural resources of land, air, and water are studied in the context of protecting and sustaining the environment. Students become knowledgeable about environmental issues and applied environmental science. The environmental science curriculum draws courses predominantly from the disciplines of the Division of Science and Mathematics.

The program prepares students to be able to:

Demonstrate a strong basis of knowledge about the basic natural resources of land, air, and water.

Exhibit awareness about the problems arising from the interaction of human society and natural environment.

Effectively apply skills in techniques of applied environmental science, including experiment design, collection of data and analysis of experimental results.

Demonstrate skill in oral and written presentation of scientific problems that pertain to the environment.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Students are encouraged to fulfill distribution requirements with courses that complement the environmental science major (e.g., ECON 1111 - Microeconomics, ECON 3007 - Environmental and Natural Resource Economics I, and ECON 3008 - Environmental and Natural Resource Economics II).

Selection of electives must be done in consultation with an environmental science advisor. By the beginning of their junior year, students should submit a clearly articulated educational plan and a list of selected electives, to be reviewed and approved by the Environmental Science Advisory Group.

Courses in the Division of Science and Math, other than those listed below, may be used to fulfill the "Elective Science Courses" with the prior approval of the Environmental Science Advisory Group.

Required courses may not be taken S/N unless offered S/N only.

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the major requirements. A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of F are included in GPA calculation until they are replaced.

Required Courses

Basic Sciences

[CHEM 1101](#) - General Chemistry I [SCI-L] (5.0 cr)

CHEM 1102 - General Chemistry II [SCI-L] (5.0 cr)
MATH 1101 - Calculus I [M/SR] (5.0 cr)
or MATH 1021 - Survey of Calculus [M/SR] (4.0 cr)
PHYS 1101 - General Physics I [SCI-L] (5.0 cr)
or PHYS 1091 - Principles of Physics I [SCI-L] (5.0 cr)
STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
or STAT 2601 - Statistical Methods [M/SR] (4.0 cr)

Applied Sciences

BIOL 3131 - Ecology [SCI-L] (4.0 cr)
GEOL 1101 - Physical Geology [SCI-L] (4.0 cr)
GEOL 2161 - GIS and Remote Sensing [SCI] (4.0 cr)
GEOL 3501 - Hydrology [SCI] (4.0 cr)
ENST 1101 - Environmental Problems and Policy [ENVT] (4.0 cr)
ESCI 4901 - Environmental Science Senior Seminar I (1.0 cr)
ESCI 4902 - Environmental Science Senior Seminar II (1.0 cr)

Biology

BIOL 1111 - Fundamentals of Genetics, Evolution, and Development [SCI] (3.0 cr)
BIOL 2101 - Evolution of Biodiversity [SCI-L] (4.0 cr)

Required Practicum

Completion of an applied educational experience in environmental science. An approved educational experience in a work, research, and/or field setting that provides a practical complement to the student's classroom learning experiences. Educational experiences are approved by the Environmental Science Advisory Group. A wide variety of experiences are possible, ESCI 3196 - Environmental Science Field Camp is one example.

ESCI 3196 - Environmental Science Field Camp [SCI] (2.0 - 4.0 cr)
or Completion of an applied educational experience in environmental science.

Elective Science Courses

Courses from at least two disciplines must be included. No more than 8 credits from 2xxx courses may be used to meet this requirement. If a second major is sought in the Division Science and Mathematics, at least 12 elective credits for the environmental science major must come from a discipline outside the second major (e.g., a geology major cannot apply more than 8 GEOL elective credits toward the environmental science major).

Take 20 or more credit(s) from the following:

- BIOL 4121 - Herpetology (4.0 cr)
- BIOL 4131 - Vertebrate Natural History (4.0 cr)
- BIOL 4151 - Entomology (4.0 cr)
- BIOL 4172 - Plant Systematics (4.0 cr)
- BIOL 4191 - Freshwater Biology (4.0 cr)
- BIOL 4301 - Plant Biology (4.0 cr)
- BIOL 4333 - Biogeochemistry and Global Change (4.0 cr)
- BIOL 4335 - Ecology of Agriculture (4.0 cr)
- BIOL 4351 - Conservation Biology (4.0 cr)
- CHEM 2201 - Introduction to Environmental Chemistry (2.0 cr)
- CHEM 2202 - Introduction to Green Chemistry (2.0 cr)
- CHEM 2301 - Organic Chemistry I [SCI] (4.0 cr)
- CHEM 2302 - Organic Chemistry II [SCI] (4.0 cr)
- CHEM 2304 - Organic Chemistry II with a Biological Emphasis [SCI] (4.0 cr)
- CHEM 3101 - Analytical Chemistry [SCI-L] (4.0 cr)
- CHEM 3406 - Polymer Properties and Characterization (2.0 cr)
- CHEM 3407 - Polymer Synthesis (3.0 cr)
- CHEM 3501 - Physical Chemistry: Thermodynamics [SCI] (4.0 cr)
- ESCI 2201 - Field Experience in Environmental Challenges of the Italian Alps [ENVT] (4.0 cr)
- ESCI 3111 - Evolution of the Minnesota Prairie [SCI-L] (4.0 cr)
- GEOL 2001 - Natural and Unnatural Geologic Hazards [ENVT] (4.0 cr)
- GEOL 2121 - Sedimentology and Stratigraphy [SCI-L] (4.0 cr)
- GEOL 2131 - Geomorphology [SCI] (4.0 cr)
- GEOL 2141 - Glacial and Quaternary Geology [SCI] (4.0 cr)
- GEOL 3012 - Global Change: Past and Present (4.0 cr)
- GEOL 3111 - Introduction to Paleontology [SCI-L] (4.0 cr)
- GEOL 3502 - Groundwater [ENVT] (4.0 cr)
- PHYS 3004 - Atmospheric Physics [ENVT] (4.0 cr)
- STAT 4601 - Biostatistics (4.0 cr)

Morris Campus

Environmental Studies B.A.

M Acad Dean's Admin

Academic Affairs

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 54 to 57
- Degree: Bachelor of Arts

This is an interdisciplinary major under the authority of the vice chancellor for academic affairs and dean. The program is administered by the environmental studies program coordinator.

Objectives: The environmental studies major is designed to serve those interested in a broad knowledge of the natural environment and the role of humans in it. Students acquire a foundation of knowledge in economics, policy, science, humanities, and statistics. Carefully chosen electives, a required practical internship or research experience, and a capstone seminar provide depth of experience and help students prepare for graduate and professional programs, as well as for careers in education, government service, and the private sector.

Program Student Learning Outcomes:

- 1 - Environmental competency: Students will be able to analyze their own impact on the environment, so as to think critically about the consequences of their individual and collective choices
- 2 - Environmental issues as multifaceted and multidisciplinary: Students will be able to apply a multidisciplinary lens to the underpinnings of modern environmental movements and problems
- 3 - Knowledge of major environmental challenges: Students will be able to articulate major intertwined challenges and how to effectively address them
- 4 - Research methods and creative expression: Students will be able to apply qualitative and quantitative methods to research projects in environmental studies
- 5 - Cultivating an understanding of place in global context: Students will be able to articulate the interactions among biophysical, economic, and social aspects of particular places or regions and their connections to larger global forces or issues

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Requirements for the major include successful completion of two elements:

- Element 1: The Environmental Studies Core
- Element 2: The Environmental Studies Elective Block

Selection of electives must be intentional and done in close consultation with an environmental studies advisor. Students submit an elective plan during the EnSt 3988 Pre-internship Seminar. Elective plans must be designed to ensure that there is sufficient depth of

coverage in the chosen ENST electives. For many students, a second major (or minor) in a closely related discipline is desirable. Electives often can be selected in such a way that they also count toward the second major. Elective courses, other than those listed below, may be appropriate to add depth and/or provide more theoretical context for the environmentally focused coursework. Approval of alternative electives requires written consent of the program coordinator.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Element 1: The Environmental Studies Core

Students must successfully complete each of the following requirements in order to satisfy this element of the major.

- BIOL 1111 - Fundamentals of Genetics, Evolution, and Development [SCI] (3.0 cr)
- BIOL 2101 - Evolution of Biodiversity [SCI-L] (4.0 cr)
- ECON 1111 - Principles of Microeconomics [SS] (4.0 cr)
- ENGL 2106 - Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World [ENVT] (4.0 cr)
or PHIL 2114 - Environmental Ethics [ENVT] (4.0 cr)
- ENST 1101 - Environmental Problems and Policy [ENVT] (4.0 cr)
- ENST 3988 - Environmental Studies Pre-Internship Seminar (1.0 cr)
- ENST 3989 - Environmental Studies Post-Internship Seminar (1.0 cr)
- ENST 4901 - Senior Capstone Experience (4.0 cr)
- GEOL 1101 - Physical Geology [SCI-L] (4.0 cr)
- STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
or STAT 2601 - Statistical Methods [M/SR] (4.0 cr)

Element 2: Environmental Studies Elective Block

Students must successfully complete at least 24 credits from the electives listed below, subject to the following restrictions:

1. Courses used to satisfy this element may not be used to complete the Core element.
2. At least 16 credits must come from the Upper Division Electives Block.
3. At least 4 credits of the Upper Division Electives must come from Category A.
4. At least 4 credits of the Upper Division Electives must come from Category B.

Lower Division Electives

Take at most 8 credit(s) from the following:

- ANTH 1103 - People of the Past: Introduction to Archaeology [SS] (4.0 cr)
- ANTH 1201 - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)
- CHEM 1001 - Chemistry for the Curious Citizen: The Role of Chemistry in the Environment and Everyday Life [SCI-L] (3.0 cr)
- CHEM 1006 - The Chemical World [SCI] (4.0 cr)
- CHEM 1101 - General Chemistry I [SCI-L] (5.0 cr)
- CHEM 1102 - General Chemistry II [SCI-L] (5.0 cr)
- CHEM 2201 - Introduction to Environmental Chemistry (2.0 cr)
- CHEM 2202 - Introduction to Green Chemistry (2.0 cr)
- ENGL 2106 - Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World [ENVT] (4.0 cr)
- ENGL 2173 - The Nature Essay: Writing and Reading Creative Non-fiction about the Natural World [ENVT] (4.0 cr)
- ENST 1801 - Introduction to Sustainability through Science Fiction [IC] (4.0 cr)
- ENST 2102 - Diversity of Agricultural Production Systems [ENVT] (3.0 cr)
- ENST 2201 - Practicum in Sustainable Agriculture (2.0 cr)
- GEOL 1801 - The Value of Dark Skies [IC] (2.0 cr)
- GEOL 1802 - Earth and the Silver Screen [IC] (2.0 cr)
- GEOL 2001 - Natural and Unnatural Geologic Hazards [ENVT] (4.0 cr)
- GEOL 2161 - GIS and Remote Sensing [SCI] (4.0 cr)
- HIST 2451 - The American West [HIST] (4.0 cr)
- PHIL 2114 - Environmental Ethics [ENVT] (4.0 cr)
- POL 1201 - American Government and Politics [E/CR] (4.0 cr)
- SOC 2201 - Sociology of Food [HDIV] (4.0 cr)

Upper Division Elective Courses

Take 16 or more credit(s) from the following:

Category A: Science and Mathematics Electives

Take 4 or more credit(s) from the following:

- BIOL 3131 - Ecology [SCI-L] (4.0 cr)
- BIOL 4131 - Vertebrate Natural History (4.0 cr)
- BIOL 4151 - Entomology (4.0 cr)
- BIOL 4172 - Plant Systematics (4.0 cr)



- BIOL 4191 - Freshwater Biology (4.0 cr)
- BIOL 4242 - Microbial Ecology (4.0 cr)
- BIOL 4302 - Plant Physiology (4.0 cr)
- BIOL 4351 - Conservation Biology (4.0 cr)
- CHEM 3101 - Analytical Chemistry [SCI-L] (4.0 cr)
- CHEM 3201 - Sustainable Synthetic and Solid State Methods (2.0 cr)
- CHEM 4201 - Chemistry and Sustainable Applications to Global Problems (4.0 cr)
- GEOL 3011 - Earth Resources [ENVT] (4.0 cr)
- GEOL 3012 - Global Change: Past and Present (4.0 cr)
- GEOL 3501 - Hydrology [SCI] (4.0 cr)
- PHYS 3004 - Atmospheric Physics [ENVT] (4.0 cr)
- Category B: Social Science Electives**
Take 4 or more credit(s) from the following:
 - ANTH 3204 - Culture, Food, and Agriculture [ENVT] (4.0 cr)
 - ANTH 3251 - Health and Human Ecology [ENVT] (2.0 cr)
 - ANTH 3704 - Anthropological Genetics [SCI] (4.0 cr)
 - ANTH 3761 - Human Fossil Record [SCI] (2.0 cr)
 - ECON 3007 - Environmental and Natural Resource Economics I [ENVT] (2.0 cr)
 - ECON 3008 - Environmental and Natural Resource Economics II [ENVT] (2.0 cr)
 - ECON 3136 - Economics of the Green Power Transition: New Business Models and Regulatory Strategies [ENVT] (2.0 cr)
 - ENST 3001 - Water Resources Policy [ENVT] (4.0 cr)
 - ENST 3101 - Industrial Ecology (4.0 cr)
 - ENST 3302 - Representation and the Anthropocene (4.0 cr)
 - HIST 3361 - An Environmental and Geographic History of the United States [ENVT] (4.0 cr)
 - POL 3272 - Making Environmental Public Policy [ENVT] (4.0 cr)
 - POL 3355 - Environmental Political Theory [ENVT] (4.0 cr)
 - SOC 3131 - World Population [ENVT] (4.0 cr)
- Category C: Humanities Electives**
Take 0 or more credit(s) from the following:
 - ENGL 3062 - Carbon Energy Literatures: Energy, Climate, and Crisis in the 20th and 21st Century [ENVT] (4.0 cr)
 - ENGL 3063 - Environmental Justice Literatures [HDIV] (4.0 cr)
 - ENST 3112 - Climate Change and Moral Responsibility [ENVT] (4.0 cr)
 - ENST 3201 - Environmental Justice [E/CR] (4.0 cr)
 - FREN 3507 - Modern Studies: French for Sustainability [ENVT] (2.0 cr)
 - IS 3053 - Irish Texts and Contexts [ENVT] (4.0 cr)

Morris Campus

French B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 34 to 42
- Degree: Bachelor of Arts

French is an important language of diplomacy, commerce, and health care and is used in research across the globe and in many disciplines, such as music, art, linguistics, history, law, political science, anthropology, biology, chemistry, mathematics, and philosophy. The French discipline gives students the language and analytical skills necessary to engage intellectually with these interconnected fields in French and to appreciate the cultures of France and Francophone countries throughout the world.

Program Student Learning Outcomes

The French curriculum is designed to ensure that:

1. Students will be able to interpret with accuracy detailed information and narratives in French in the past, present, and future.
2. Students will be able to express themselves, in speaking and in writing, in the past, present, and future about topics of general, academic, and professional interest.
3. Students will be able to interpret cultural artifacts, texts, and films with accuracy, demonstrating knowledge of the French and Francophone cultures that produced them.
4. Students work will reflect an awareness of their own cultural biases and articulate the inherent complexities, worldviews, and values of other cultures.
5. Students will be prepared for a future in graduate school or in the professional world.

CERTIFICATE PROGRAM IN FRENCH

The certificate program in French responds to the growing demand for individuals who can communicate successfully in a global environment and is intended for students whose other academic commitments prevent them from completing either a major or minor in French. To earn a certificate, a student must: a) complete a minimum of 16 credits in French at UMN Morris at the 2xxx and/or 3xxx level. At least half of the credits for the certificate must be taken through UMN Morris. Students are encouraged to study abroad. No courses in English may count toward the French certificate program. Students who complete a major or minor in French are not eligible for the certificate program. A student who has met the above requirements may request a reference letter from the UMN Morris French faculty certifying completion of the certificate program as well as language competence based on guidelines published by the American Council on the Teaching of Foreign Languages (ACTFL).

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

Required prerequisites

Beginning French

Beginning French I or equivalent previous language experience required to take Fren 1002.

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

French majors must complete a significant amount of coursework at Morris and are also strongly encouraged to study abroad.

Students will be best-served by seeking guidance from a UMN Morris French professor in order for transfer credit, including study abroad, to be applied to the French major. Credits completed under the European Credit Transfer System will be converted to United

States credits according to internationally recognized standards (i.e. 1 ECTS credit = .5 U.S. credit).

Credit for prior experiences in French:

Students majoring in French complete different numbers of credits, depending on where they enter the program:

Students who enter the major at the 1002 level must complete a minimum of 42 credits for the major.

Students who place into FREN 2001 must complete a minimum of 38 credits for the major.

Students who place into FREN 30xx must complete a minimum of 34 credits for the major.

Up to eight credits taught in English in the French Discipline or in another discipline with relevant content may count towards the French major.

The French Discipline strongly encourages French majors to complete one year of study in an additional world language.

No grades below C- may count toward the French major. In addition to French 4902, students may elect to take up to 8 credits towards the major on an S/N grading basis. A minimum GPA of 2.000 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

The final capstone presentation (Fren 4902) must be given in French

[FREN 1002](#) - Beginning French II [WL] (4.0 cr)

[FREN 2001](#) - Intermediate French I [IP] (4.0 cr)

[FREN 2002](#) - Intermediate French II [IP] (4.0 cr)

[FREN 3011](#) - Introduction to French and Francophone Literature [HUM] (4.0 cr)

[FREN 4902](#) - French Capstone Project (2.0 cr)

[HUM 1305](#) - Career Preparation in World Languages (2.0 cr)

Medieval and Early Modern Studies (MEMS)

These courses fall within the period that encompasses the Middle Ages through French classicism. Students gain familiarity with the history, cultures, languages, and literatures of France from the ninth century through the seventeenth century.

Take 2 or more credit(s) from the following:

- [FREN 3002](#) - MEMS: Civilization and Composition: Tools for Studying the Medieval and Early Modern Periods [HIST] (2.0 cr)
- [FREN 3402](#) - Medieval and Early Modern Studies: Pre-Enlightenment Culture in France (2.0 - 4.0 cr)
- [FREN 3406](#) - Medieval and Early Modern Studies: Emotional Extremes in Medieval and Early Modern Literature (4.0 cr)
- [FREN 3407](#) - Medieval and Early Modern Studies: The "East" and its Marvels (2.0 - 4.0 cr)
- [FREN 3408](#) - Medieval and Early Modern Studies: Quests, Quails, and Custards--Food in Life and Literature (2.0 - 4.0 cr)
- [FREN 3411](#) - Medieval and Early Modern Studies: Medieval and Renaissance Bodies (4.0 cr)

Modern Studies (MOS)

These courses cover a wide range of historical, literary, and cultural moments and movements that have marked France's development since the dawn of the French Enlightenment.

Take 2 or more credit(s) from the following:

- [FREN 1031](#) - Modern Studies: The Modern Body in France [SS] (2.0 cr)
- [FREN 3003](#) - Modern Studies: Civilization and Composition: France Since the Enlightenment [HIST] (2.0 cr)
- [FREN 3501](#) - Modern Studies: The Old Regime and New Ideas: The French Enlightenment (4.0 cr)
- [FREN 3502](#) - Modern Studies: Revolution, Romanticism, Modernity (4.0 cr)
- [FREN 3503](#) - Modern Studies: Avant-Garde, Existentialism, Experimentation (2.0 - 4.0 cr)
- [FREN 3507](#) - Modern Studies: French for Sustainability [ENVT] (2.0 cr)

Francophone Studies (FRS)

These courses examine the literature, film, history and cultures of French-speaking populations living in Africa, North America, the Caribbean, South America, Europe, and Asia.

Take 2 or more credit(s) from the following:

- [FREN 1311](#) - Sub-Saharan Francophone Cinema [IP] (4.0 cr)
- [FREN 3004](#) - Francophone Studies: Civilization and Composition: Colonialism and Francophone Worlds [HIST] (2.0 cr)
- [FREN 3605](#) - Francophone Studies: Maghrebian Cinema (4.0 cr)
- [FREN 3606](#) - Francophone Studies: Sub-Saharan Francophone Cinema (4.0 cr)
- [FREN 3607](#) - Francophone Studies: Sex and Gender in Francophone Literature and Film (4.0 cr)

Advanced Language Studies (ALS)

These courses analyze the structure and usage of the French language in detail and on an advanced level.

Take 2 or more credit(s) from the following:

- [FREN 3112](#) - Advanced Language Studies: Introduction to French Phonetics (2.0 - 4.0 cr)
- [FREN 3113](#) - Advanced Language Studies: Introduction to Translation (2.0 - 4.0 cr)
- [FREN 3114](#) - Advanced Language Studies: Advanced French Grammar (2.0 - 4.0 cr)
- [HUM 3108](#) - Community Interpreting [E/CR] (3.0 cr)

Electives - Outside of the French Discipline

Students must complete additional elective credits to reach 42 credits in the French major if beginning at 1002, or 38 credits if beginning at 2001, or 34 credits if beginning at 3011.

Electives can be chosen from the cluster courses above (exclusive of those used to meet the required courses) or the following. The French discipline recommends that students take as many of their major courses as possible in the French language in order to build and maintain their skills. However, a maximum of 4 elective credits may also be chosen from the following list of affinity and partial content courses. The discipline will also consider petitions to include courses not listed and will consider petitions to include up to 4 more elective credits outside of the discipline to count toward the major.

Take 0 - 4 credit(s) from the following:

- ANTH 1111 - Introductory Cultural Anthropology [SS] (4.0 cr)
- ANTH 2001 - How We Study People: Introduction to Methods in Cultural Anthropology [SS] (2.0 cr)
- ANTH 2204 - Anthropology of Education: Learning and Schooling in Ethnographic Perspective [SS] (4.0 cr)
- ANTH 3001 - Theory in Cultural Anthropology (2.0 cr)
- ANTH 3204 - Culture, Food, and Agriculture [ENVT] (4.0 cr)
- ANTH 3461 - Archaeology of Eurasia and Africa [SS] (4.0 cr)
- ANTH 3465 - Archaeology and Native Peoples [HDIV] (4.0 cr)
- ARTH 1111 - Ancient to Medieval Art [FA] (4.0 cr)
- ARTH 1121 - Renaissance to Modern Art [FA] (4.0 cr)
- ARTH 2107 - Global Modernisms: Modern Art in Latin America, Asia, Africa, and Beyond [FA] (4.0 cr)
- ARTH 3113 - Early Islamic Art and Culture [FA] (4.0 cr)
- ARTH 3132 - Castles and Cathedrals [FA] (4.0 cr)
- ARTH 3201 - Nineteenth-Century Art in Europe [FA] (4.0 cr)
- ARTH 3211 - Modern European Art from Impressionism to Surrealism [FA] (4.0 cr)
- ARTH 3281 - Women and Art [FA] (4.0 cr)
- ARTH 3291 - Facing the Past: Portraiture and Social History [FA] (4.0 cr)
- CMR 3411 - Intercultural Communication Theory and Research [HDIV] (4.0 cr)
- CMR 3433 - Communication, Power, and Identity [HUM] (4.0 cr)
- CMR 3434 - Communication, Nature, and Belonging [HUM] (4.0 cr)
- ECON 3212 - History of Economic Thought II [HIST] (2.0 cr)
- ECON 4131 - International Finance (2.0 cr)
- ENGL 1509 - Literary Studies [HUM] (4.0 cr)
- ENGL 2033 - The Bible and Literature [HUM] (4.0 cr)
- ENGL 3411 - Critical Approaches to Literature (4.0 cr)
- ENGL 3414 - Feminist Theory [HDIV] (4.0 cr)
- GWSS 2404 - Feminist, Queer, and Intersectional Theories [HDIV] (2.0 cr)
- HIST 1112 - Introduction to African History to 1880 [HIST] (4.0 cr)
- HIST 1113 - Introduction to African History since 1880 [HIST] (4.0 cr)
- HIST 2103 - Medieval Europe [HIST] (4.0 cr)
- HIST 2151 - Modern Europe [HIST] (4.0 cr)
- HIST 2708 - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)
- HIST 3021 - Gender and Sexuality in African History [E/CR] (4.0 cr)
- HIST 3161 - The Enlightenment [HIST] (4.0 cr)
- HIST 3207 - The Crusades [IP] (4.0 cr)
- HIST 3211 - Modern France [HIST] (4.0 cr)
- HIST 3212 - The French Revolution [HIST] (4.0 cr)
- HUM 4102 - Linguistics for Students of Literature [HUM] (4.0 cr)
- LANE 4123 - Methods of Teaching Foreign Language K-12 (4.0 cr)
- MUS 1155 - Foundations in Music History I: Ancient to 1750 [HIST] (2.0 cr)
- MUS 1156 - Foundations in Music History II: 1750 to Contemporary [FA] (2.0 cr)
- MUS 1401 - English, Italian, German, and French Diction for Singers [ART/P] (1.0 cr)
- MUS 2403 - Choral Traditions and Literature [FA] (2.0 cr)
- MUS 2404 - The Orchestra and its Literature from the 1700s through Today [FA] (2.0 cr)
- MUS 3108 - Intellectual Foundations of Western Music [HUM] (2.0 cr)
- MUS 3111 - History of Music Theory: Rameau to Riemann (2.0 cr)
- MUS 3112 - Analysis of Pre-Tonal Music (2.0 cr)
- MUS 3305 - West African Styles in African American Music [FA] (2.0 cr)
- NAIS 2252 - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- PHIL 4002 - Existentialism [HIST] (4.0 cr)
- PHIL 4121 - Philosophy of Language [HUM] (4.0 cr)
- POL 1401 - World Politics [IP] (4.0 cr)
- POL 2411 - Model United Nations [IP] (4.0 cr)
- POL 2461 - Diplomatic Negotiation [IP] (4.0 cr)
- POL 3411 - International Law [IP] (4.0 cr)



- [POL 3475](#) - International Human Rights (4.0 cr)
- [PSY 3542](#) - Multicultural Psychology [HDIV] (4.0 cr)
- [SOC 3131](#) - World Population [ENVT] (4.0 cr)
- [SOC 3252](#) - Women in Muslim Society [IP] (4.0 cr)
- [TH 3101](#) - World Theatre: History and Literature I [FA] (4.0 cr)
- [TH 3102](#) - World Theatre: History and Literature II [FA] (4.0 cr)

Morris Campus

French Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 28

French is an important language of diplomacy, commerce, and health care and is used in research across the globe and in many disciplines, such as music, art, linguistics, history, law, political science, anthropology, biology, chemistry, mathematics, and philosophy. The French discipline gives students the language and analytic skills necessary to engage intellectually with these interconnected fields in French and to appreciate the cultures of France and Francophone countries throughout the world.

Program Student Learning Outcomes

The French curriculum is designed to ensure that:

1. Students will be able to interpret with accuracy detailed information and narratives in French in the past, present, and future.
2. Students will be able to express themselves, in speaking and in writing, in the past, present, and future about topics of general, academic, and professional interest.
3. Students will be able to interpret cultural artifacts, texts, and films with accuracy, demonstrating knowledge of the French and Francophone cultures that produced them.
4. Students work will reflect an awareness of their own cultural biases and articulate the inherent complexities, worldviews, and values of other cultures.
5. Students will be prepared for a future in graduate school or in the professional world.

CERTIFICATE PROGRAM IN FRENCH

The certificate program in French responds to the growing demand for individuals who can communicate successfully in a global environment and is intended for students whose other academic commitments prevent them from completing either a major or minor in French. To earn a certificate, a student must: a) complete a minimum of 16 credits in French at UMN Morris at the 2xxx and/or 3xxx level. At least half of the credits for the certificate must be taken through UMN Morris. Students are encouraged to study abroad. No courses in English may count toward the French certificate program. Students who complete a major or minor in French are not eligible for the certificate program. A student who has met the above requirements may request a reference letter from the UMN Morris French faculty certifying completion of the certificate program as well as language competence based on guidelines published by the American Council on the Teaching of Foreign Languages (ACTFL).

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

Required prerequisites

Beginning French

Beginning and intermediate French or equivalent previous language experience required to take upper level French.

Minor Requirements

Students will be best-served by seeking guidance from a UMN Morris French professor in order for transfer credit, including study abroad, to be applied to the French minor. Credits completed under the European Credit Transfer System will be converted to United States credits according to internationally recognized standards (i.e. 1 ECTS credit = .5 U.S. credit).

Required Courses

[FREN 3011](#) - Introduction to French and Francophone Literature [HUM] (4.0 cr)

[HUM 1305](#) - Career Preparation in World Languages (2.0 cr)

Elective Courses

Selection of electives must be done in consultation with a French faculty member. Electives should ensure that there is variety and depth in the minor.



Take 21 or more credit(s) from the following:

- FREN 2xxx
- FREN 3xxx

Electives - Outside of the French Discipline

The French discipline recommends that students take as many of their minor courses as possible in the French language in order to build and maintain their skills. However, a maximum of 4 elective credits may also be chosen from the following list of affinity and partial content courses. The discipline will also consider petitions to include courses not listed and will consider petitions to include up to 4 more elective credits outside of the discipline to count toward the minor.

Take 0 - 4 credit(s) from the following:

- ANTH 1111 - Introductory Cultural Anthropology [SS] (4.0 cr)
- ANTH 2001 - How We Study People: Introduction to Methods in Cultural Anthropology [SS] (2.0 cr)
- ANTH 2204 - Anthropology of Education: Learning and Schooling in Ethnographic Perspective [SS] (4.0 cr)
- ANTH 3001 - Theory in Cultural Anthropology (2.0 cr)
- ANTH 3204 - Culture, Food, and Agriculture [ENVT] (4.0 cr)
- ANTH 3461 - Archaeology of Eurasia and Africa [SS] (4.0 cr)
- ANTH 3465 - Archaeology and Native Peoples [HDIV] (4.0 cr)
- ARTH 1111 - Ancient to Medieval Art [FA] (4.0 cr)
- ARTH 1121 - Renaissance to Modern Art [FA] (4.0 cr)
- ARTH 2107 - Global Modernisms: Modern Art in Latin America, Asia, Africa, and Beyond [FA] (4.0 cr)
- ARTH 3113 - Early Islamic Art and Culture [FA] (4.0 cr)
- ARTH 3132 - Castles and Cathedrals [FA] (4.0 cr)
- ARTH 3201 - Nineteenth-Century Art in Europe [FA] (4.0 cr)
- ARTH 3211 - Modern European Art from Impressionism to Surrealism [FA] (4.0 cr)
- ARTH 3281 - Women and Art [FA] (4.0 cr)
- ARTH 3291 - Facing the Past: Portraiture and Social History [FA] (4.0 cr)
- CMR 3411 - Intercultural Communication Theory and Research [HDIV] (4.0 cr)
- CMR 3433 - Communication, Power, and Identity [HUM] (4.0 cr)
- CMR 3434 - Communication, Nature, and Belonging [HUM] (4.0 cr)
- ECON 3212 - History of Economic Thought II [HIST] (2.0 cr)
- ECON 4131 - International Finance (2.0 cr)
- ENGL 1509 - Literary Studies [HUM] (4.0 cr)
- ENGL 2033 - The Bible and Literature [HUM] (4.0 cr)
- ENGL 3411 - Critical Approaches to Literature (4.0 cr)
- ENGL 3414 - Feminist Theory [HDIV] (4.0 cr)
- GWSS 2404 - Feminist, Queer, and Intersectional Theories [HDIV] (2.0 cr)
- HIST 1112 - Introduction to African History to 1880 [HIST] (4.0 cr)
- HIST 1113 - Introduction to African History since 1880 [HIST] (4.0 cr)
- HIST 2103 - Medieval Europe [HIST] (4.0 cr)
- HIST 2151 - Modern Europe [HIST] (4.0 cr)
- HIST 2708 - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)
- HIST 3021 - Gender and Sexuality in African History [E/CR] (4.0 cr)
- HIST 3161 - The Enlightenment [HIST] (4.0 cr)
- HIST 3207 - The Crusades [IP] (4.0 cr)
- HIST 3211 - Modern France [HIST] (4.0 cr)
- HIST 3212 - The French Revolution [HIST] (4.0 cr)
- HUM 4102 - Linguistics for Students of Literature [HUM] (4.0 cr)
- LANE 4123 - Methods of Teaching Foreign Language K-12 (4.0 cr)
- MUS 1155 - Foundations in Music History I: Ancient to 1750 [HIST] (2.0 cr)
- MUS 1156 - Foundations in Music History II: 1750 to Contemporary [FA] (2.0 cr)
- MUS 1401 - English, Italian, German, and French Diction for Singers [ART/P] (1.0 cr)
- MUS 2403 - Choral Traditions and Literature [FA] (2.0 cr)
- MUS 2404 - The Orchestra and its Literature from the 1700s through Today [FA] (2.0 cr)
- MUS 3108 - Intellectual Foundations of Western Music [HUM] (2.0 cr)
- MUS 3111 - History of Music Theory: Rameau to Riemann (2.0 cr)
- MUS 3112 - Analysis of Pre-Tonal Music (2.0 cr)
- MUS 3305 - West African Styles in African American Music [FA] (2.0 cr)
- NAIS 2252 - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- PHIL 4002 - Existentialism [HIST] (4.0 cr)
- PHIL 4121 - Philosophy of Language [HUM] (4.0 cr)
- POL 1401 - World Politics [IP] (4.0 cr)
- POL 2411 - Model United Nations [IP] (4.0 cr)
- POL 2461 - Diplomatic Negotiation [IP] (4.0 cr)
- POL 3411 - International Law [IP] (4.0 cr)
- POL 3475 - International Human Rights (4.0 cr)



- [PSY 3542](#) - Multicultural Psychology [HDIV] (4.0 cr)
- [SOC 3131](#) - World Population [ENVT] (4.0 cr)
- [SOC 3252](#) - Women in Muslim Society [IP] (4.0 cr)
- [TH 3101](#) - World Theatre: History and Literature I [FA] (4.0 cr)
- [TH 3102](#) - World Theatre: History and Literature II [FA] (4.0 cr)



Morris Campus

Gender, Women, and Sexuality Studies B.A.

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40
- Degree: Bachelor of Arts

This is an interdisciplinary program housed in the Division of Social Sciences. The program is administered by the Gender, Women, and Sexuality Studies (GWSS) coordinator who is a faculty member of any of the four divisions.

Gender and sexuality are urgent contemporary issues that impact the culture, politics, and economics of American and international societies. Because such issues affect nearly every professional field and avenue of inquiry, GWSS students engage critically with theoretical and practical models from across the disciplines.

Objectives and Program Learning Outcomes:

- (1) Students will be able to apply concepts from the study of gender and sexuality across a diverse range of contexts.
- (2) Students will be able to apply a broad range of interdisciplinary theories and perspectives to current events.
- (3) Through diverse methodologies and critical paradigms, students will be able to analyze the impact of gender and sexuality in their own lives and in the world around them.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Students interested in the major should meet with their advisor before the beginning of their junior year.

Students develop a coherent program of study in consultation with their advisor. In developing an elective plan, students are also strongly encouraged to consult with faculty who teach within the GWSS program.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- [GWSS 1101](#) - Introduction to Gender, Women, and Sexuality Studies [HDIV] (4.0 cr)
- [GWSS 2404](#) - Feminist, Queer, and Intersectional Theories [HDIV] (2.0 cr)
- [GWSS 4901](#) - Gender, Women, and Sexuality Studies Capstone (1.0 cr)

Elective Requirements

Students must fill the remaining 33 credits with courses from the following lists. These courses must come from at least three different disciplines. A course not listed below may be applied to the elective requirement with the consent of the instructor and GWSS coordinator. With the approval of the GWSS coordinator, up to 8 credits can be supplied by internship experiences.



Primarily Gender, Women, and Sexuality Content

The following courses are strongly recommended:

Engl 2031. Gender in Literature and Culture.

Phil 2141. Analytic Feminism.

Psy 3261. Human Sexuality.

Soc 3121. Sociology of Gender and Sexuality.

Take 25 or more credit(s) from the following:

- ANTH 2206** - Sex, Marriage, and Family [HDIV] (4.0 cr)
- ANTH 3604** - Gender and Sexuality in Latin America [IP] (4.0 cr)
- ARTH 3281** - Women and Art [FA] (4.0 cr)
- ENGL 2031** - Gender in Literature and Culture [HDIV] (4.0 cr)
- ENGL 3064** - Queer Literatures [HDIV] (4.0 cr)
- ENGL 3155** - 20th-Century British Fiction (4.0 cr)
- ENGL 3332** - African American Women Writers [HDIV] (4.0 cr)
- ENGL 4039** - Research Seminar: Feminist and Queer Storytelling [HDIV] (4.0 cr)
- FREN 3607** - Francophone Studies: Sex and Gender in Francophone Literature and Film (4.0 cr)
- GWSS 2101** - American Masculinities: The Making of Guys, Dudes, Bros, and Men [SS] (2.0 cr)
- GWSS 2102** - Masculinities in the Margins: Intersectional and Marginalized Masculinities [SS] (2.0 cr)
- GWSS 3993** - Directed Study (1.0 - 5.0 cr)
- HIST 1402** - Gender, Women, and Sexuality in American History [HDIV] (4.0 cr)
- HIST 2708** - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)
- HIST 3021** - Gender and Sexuality in African History [E/CR] (4.0 cr)
- HIST 3304** - Race, Class, and Gender in American History [HDIV] (4.0 cr)
- MUS 3115** - Gender and Sexuality in Music [FA] (2.0 cr)
- PHIL 2141** - Analytic Feminism [HUM] (4.0 cr)
- PHIL 2162** - Ethics of Love and Sex [E/CR] (4.0 cr)
- POL 3303** - Gender, Sexuality, and Political Theory [SS] (2.0 cr)
- PSY 3051** - The Psychology of Women and Gender [HDIV] (4.0 cr)
- PSY 3261** - Human Sexuality (4.0 cr)
- SOC 3121** - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- SOC 3252** - Women in Muslim Society [IP] (4.0 cr)
- SPAN 3654** - Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature [HUM] (4.0 cr)
- SPAN 3688** - Seminar: Literature and Gender in Nineteenth-Century Spain [HUM] (4.0 cr)

Partial Gender, Women, and Sexuality Content

Take at most 8 credit(s) from the following:

- ANTH 2121** - Topics in Cultural Anthropology [SS] (4.0 cr)
- ANTH 2501** - Medical Anthropology-An Overview [SS] (2.0 cr)
- ANTH 3204** - Culture, Food, and Agriculture [ENVT] (4.0 cr)
- ANTH 3251** - Health and Human Ecology [ENVT] (2.0 cr)
- ARTS 2001** - Unruly Bodies: The Artist's Body [ART/P] (2.0 cr)
- ARTS 3014** - Media Studies: Fabric as Form [ART/P] (2.0 - 4.0 cr)
- ECON 4101** - Labor Economics I [HDIV] (2.0 cr)
- ED 2221** - Diversity and Identity in Literature and Film [HDIV] (4.0 cr)
- ENGL 2411** - Representations of American Indians in Popular and Academic Culture [HDIV] (4.0 cr)
- ENGL 3063** - Environmental Justice Literatures [HDIV] (4.0 cr)
- ENGL 3153** - Gothic Literature (4.0 cr)
- ENGL 3154** - 19th-Century British Fiction (4.0 cr)
- ENGL 3165** - Seventeenth-Century Revolutions (4.0 cr)
- ENGL 3168** - Victorian Literature and Culture (4.0 cr)
- ENGL 3301** - U.S. Multicultural Literature [HDIV] (4.0 cr)
- ENGL 3311** - American Indian Literature [HDIV] (4.0 cr)
- ENGL 3411** - Critical Approaches to Literature (4.0 cr)
- ENGL 3522** - Harlem Renaissance [HDIV] (4.0 cr)
- ENGL 4027** - Research Seminar: Dickens and Criticism (4.0 cr)
- ENGL 4031** - Research Seminar: Renaissance Romance (4.0 cr)
- ENGL 4034** - Research Seminar: The Adventure Novel in American and British Literature (4.0 cr)
- FREN 1031** - Modern Studies: The Modern Body in France [SS] (2.0 cr)
- FREN 1311** - Sub-Saharan Francophone Cinema [IP] (4.0 cr)
- FREN 3402** - Medieval and Early Modern Studies: Pre-Enlightenment Culture in France (2.0 - 4.0 cr)
- FREN 3406** - Medieval and Early Modern Studies: Emotional Extremes in Medieval and Early Modern Literature (4.0 cr)
- FREN 3407** - Medieval and Early Modern Studies: The "East" and its Marvels (2.0 - 4.0 cr)
- FREN 3408** - Medieval and Early Modern Studies: Quests, Quails, and Custards--Food in Life and Literature (2.0 - 4.0 cr)
- FREN 3411** - Medieval and Early Modern Studies: Medieval and Renaissance Bodies (4.0 cr)
- FREN 3603** - Francophone Studies: Witches, Wilderness, and Words in African Folktales (4.0 cr)



- **FREN 3605** - Francophone Studies: Maghrebian Cinema (4.0 cr)
- **HIST 2103** - Medieval Europe [HIST] (4.0 cr)
- **HIST 2132** - History of Fairy Tales and Folklore in Europe [HIST] (4.0 cr)
- **HIST 2151** - Modern Europe [HIST] (4.0 cr)
- **HIST 3204** - Nazi Germany [HIST] (4.0 cr)
- **HIST 3209** - Modern Germany [HIST] (4.0 cr)
- **HIST 3212** - The French Revolution [HIST] (4.0 cr)
- **HIST 3214** - History of Childhood [HIST] (4.0 cr)
- **HIST 3465** - History of the American Family [HIST] (4.0 cr)
- **PHIL 2112** - Professional Ethics [E/CR] (4.0 cr)
- **PSY 2402** - Family Interaction Dynamics [SS] (4.0 cr)
- **PSY 3542** - Multicultural Psychology [HDIV] (4.0 cr)
- **SOC 2001** - Unruly Bodies: The Societal Body [HDIV] (2.0 cr)
- **SOC 2201** - Sociology of Food [HDIV] (4.0 cr)
- **SOC 3112** - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- **SOC 3122** - Sociology of Childhoods [HDIV] (4.0 cr)
- **SOC 3123** - Sociology of Aging [HDIV] (4.0 cr)
- **SOC 3141** - Sociology of Deviance [E/CR] (4.0 cr)
- **SPAN 3685** - Seminar: Slavery and Abolition in Cuban Literature and Culture [IP] (4.0 cr)
- **SPAN 3686** - Seminar: Writing History in Spanish American Literature [HUM] (4.0 cr)
- **SPAN 3687** - Seminar: Afro-Hispanic Literature and Culture [HDIV] (4.0 cr)
- **SPAN 3690** - Seminar: Mexican Cultural Production [HUM] (4.0 cr)



Morris Campus

Gender, Women, and Sexuality Studies Minor

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 24

This is an interdisciplinary program housed in the Division of Social Sciences. The program is administered by the Gender, Women, and Sexuality Studies (GWSS) coordinator who is a faculty member of any of the four divisions.

Objectives and Program Learning Outcomes:

- (1) Students will be able to apply concepts from the study of gender and sexuality across a diverse range of contexts.
- (2) Students will be able to apply a broad range of interdisciplinary theories and perspectives to current events.
- (3) Through diverse methodologies and critical paradigms, students will be able to analyze the impact of gender and sexuality in their own lives and in the world around them.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Students develop a coherent program of study in consultation with their advisor. In developing an elective plan, students are strongly encouraged to consult with faculty who teach within the GWSS program.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

[GWSS 1101](#) - Introduction to Gender, Women, and Sexuality Studies [HDIV] (4.0 cr)

Elective Requirements

Students must fill the remaining 20 credits with courses from the following lists. These courses must come from at least three different disciplines. At least 3 credits must be at the 3xxx level or higher. A course not listed below may be applied to the elective requirement with the consent of the instructor and GWSS coordinator.

Primarily Gender, Women, and Sexuality Content

The following courses are strongly recommended:

Engl 2031. Gender in Literature and Culture.

Phil 2141. Analytic Feminism.

GWSS 2404. Feminist, Queer, and Intersectional Theories.

Psy 3261. Human Sexuality.

Soc 3121. Sociology of Gender and Sexuality.

Take 16 or more credit(s) from the following:

- [ANTH 2206](#) - Sex, Marriage, and Family [HDIV] (4.0 cr)
- [ANTH 3604](#) - Gender and Sexuality in Latin America [IP] (4.0 cr)
- [ARTH 3281](#) - Women and Art [FA] (4.0 cr)
- [ENGL 2031](#) - Gender in Literature and Culture [HDIV] (4.0 cr)
- [ENGL 3064](#) - Queer Literatures [HDIV] (4.0 cr)
- [ENGL 3155](#) - 20th-Century British Fiction (4.0 cr)
- [ENGL 3332](#) - African American Women Writers [HDIV] (4.0 cr)
- [ENGL 4039](#) - Research Seminar: Feminist and Queer Storytelling [HDIV] (4.0 cr)
- [FREN 3607](#) - Francophone Studies: Sex and Gender in Francophone Literature and Film (4.0 cr)
- [GWSS 2101](#) - American Masculinities: The Making of Guys, Dudes, Bros, and Men [SS] (2.0 cr)
- [GWSS 2102](#) - Masculinities in the Margins: Intersectional and Marginalized Masculinities [SS] (2.0 cr)
- [GWSS 2404](#) - Feminist, Queer, and Intersectional Theories [HDIV] (2.0 cr)



- GWSS 3993 - Directed Study (1.0 - 5.0 cr)
- HIST 1402 - Gender, Women, and Sexuality in American History [HDIV] (4.0 cr)
- HIST 2708 - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)
- HIST 3021 - Gender and Sexuality in African History [E/CR] (4.0 cr)
- HIST 3304 - Race, Class, and Gender in American History [HDIV] (4.0 cr)
- MUS 3115 - Gender and Sexuality in Music [FA] (2.0 cr)
- PHIL 2141 - Analytic Feminism [HUM] (4.0 cr)
- POL 3303 - Gender, Sexuality, and Political Theory [SS] (2.0 cr)
- PSY 3051 - The Psychology of Women and Gender [HDIV] (4.0 cr)
- PSY 3261 - Human Sexuality (4.0 cr)
- SOC 3121 - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- SOC 3252 - Women in Muslim Society [IP] (4.0 cr)
- SPAN 3654 - Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature [HUM] (4.0 cr)
- SPAN 3688 - Seminar: Literature and Gender in Nineteenth-Century Spain [HUM] (4.0 cr)

Partial Gender, Women, and Sexuality Content

Take at most 4 credit(s) from the following:

- ANTH 2121 - Topics in Cultural Anthropology [SS] (4.0 cr)
- ANTH 2501 - Medical Anthropology-An Overview [SS] (2.0 cr)
- ANTH 3204 - Culture, Food, and Agriculture [ENVT] (4.0 cr)
- ANTH 3251 - Health and Human Ecology [ENVT] (2.0 cr)
- ARTS 2001 - Unruly Bodies: The Artist's Body [ART/P] (2.0 cr)
- ARTS 3014 - Media Studies: Fabric as Form [ART/P] (2.0 - 4.0 cr)
- ECON 4101 - Labor Economics I [HDIV] (2.0 cr)
- ED 2221 - Diversity and Identity in Literature and Film [HDIV] (4.0 cr)
- ENGL 2411 - Representations of American Indians in Popular and Academic Culture [HDIV] (4.0 cr)
- ENGL 3063 - Environmental Justice Literatures [HDIV] (4.0 cr)
- ENGL 3153 - Gothic Literature (4.0 cr)
- ENGL 3154 - 19th-Century British Fiction (4.0 cr)
- ENGL 3165 - Seventeenth-Century Revolutions (4.0 cr)
- ENGL 3168 - Victorian Literature and Culture (4.0 cr)
- ENGL 3301 - U.S. Multicultural Literature [HDIV] (4.0 cr)
- ENGL 3311 - American Indian Literature [HDIV] (4.0 cr)
- ENGL 3411 - Critical Approaches to Literature (4.0 cr)
- ENGL 3522 - Harlem Renaissance [HDIV] (4.0 cr)
- ENGL 4027 - Research Seminar: Dickens and Criticism (4.0 cr)
- ENGL 4031 - Research Seminar: Renaissance Romance (4.0 cr)
- ENGL 4034 - Research Seminar: The Adventure Novel in American and British Literature (4.0 cr)
- FREN 1031 - Modern Studies: The Modern Body in France [SS] (2.0 cr)
- FREN 1311 - Sub-Saharan Francophone Cinema [IP] (4.0 cr)
- FREN 3402 - Medieval and Early Modern Studies: Pre-Enlightenment Culture in France (2.0 - 4.0 cr)
- FREN 3406 - Medieval and Early Modern Studies: Emotional Extremes in Medieval and Early Modern Literature (4.0 cr)
- FREN 3407 - Medieval and Early Modern Studies: The "East" and its Marvels (2.0 - 4.0 cr)
- FREN 3408 - Medieval and Early Modern Studies: Quests, Quails, and Custards--Food in Life and Literature (2.0 - 4.0 cr)
- FREN 3411 - Medieval and Early Modern Studies: Medieval and Renaissance Bodies (4.0 cr)
- FREN 3603 - Francophone Studies: Witches, Wilderness, and Words in African Folktales (4.0 cr)
- FREN 3605 - Francophone Studies: Maghreb Cinema (4.0 cr)
- HIST 2103 - Medieval Europe [HIST] (4.0 cr)
- HIST 2132 - History of Fairy Tales and Folklore in Europe [HIST] (4.0 cr)
- HIST 2151 - Modern Europe [HIST] (4.0 cr)
- HIST 3204 - Nazi Germany [HIST] (4.0 cr)
- HIST 3209 - Modern Germany [HIST] (4.0 cr)
- HIST 3212 - The French Revolution [HIST] (4.0 cr)
- HIST 3214 - History of Childhood [HIST] (4.0 cr)
- HIST 3465 - History of the American Family [HIST] (4.0 cr)
- PHIL 2112 - Professional Ethics [E/CR] (4.0 cr)
- PSY 2402 - Family Interaction Dynamics [SS] (4.0 cr)
- PSY 3542 - Multicultural Psychology [HDIV] (4.0 cr)
- SOC 2001 - Unruly Bodies: The Societal Body [HDIV] (2.0 cr)
- SOC 2201 - Sociology of Food [HDIV] (4.0 cr)
- SOC 3112 - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- SOC 3122 - Sociology of Childhoods [HDIV] (4.0 cr)
- SOC 3123 - Sociology of Aging [HDIV] (4.0 cr)
- SOC 3141 - Sociology of Deviance [E/CR] (4.0 cr)
- SPAN 3685 - Seminar: Slavery and Abolition in Cuban Literature and Culture [IP] (4.0 cr)



- [SPAN 3686](#) - Seminar: Writing History in Spanish American Literature [HUM] (4.0 cr)
- [SPAN 3687](#) - Seminar: Afro-Hispanic Literature and Culture [HDIV] (4.0 cr)
- [SPAN 3690](#) - Seminar: Mexican Cultural Production [HUM] (4.0 cr)

Morris Campus

Geology B.A.

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 60
- This program requires summer terms.
- Degree: Bachelor of Arts

Geology offers courses that satisfy a variety of requirements, as well as a curriculum leading to a bachelor of arts degree in geology.

Objectives The mission of the geology discipline is provide a firm foundation in the geological and cognate sciences for students interested in the investigation and solution of geologic problems; to prepare students for graduate study in the geosciences; to provide the necessary background in earth science for those who plan to teach in this field at the secondary level; and to serve those in other professional or interdisciplinary programs who need a basic understanding of the geosciences.

The geology curriculum serves the liberal arts by offering courses that allow students to gain a better appreciation of the natural environment; increase their awareness of the impact of dynamic geological events and processes on society; help them recognize the importance of Earth resources, and introduce them to the methodologies and reasoning used in the sciences.

The geology curriculum is designed to provide students with a understanding of the evolution of the Earth as a planetary body and the fundamental geologic principles used to reconstruct Earth history; how to recognize geologic features and Earth materials, and to infer the processes responsible for their formation; and provide the requisite skill set to solve geologic problems. The curriculum seeks to help students hone their observation skills in order to interpret geology in a natural setting, emphasizing the integration of knowledge acquired in the classroom. The curriculum stresses familiarization with current geologic literature, and encourages critical thinking in both approaching research problems and evaluating the literature. The geology program encourages students to pursue independent research projects and has an outstanding track record of student involvement in research. The curriculum is also designed to help students develop and enhance their oral and written communication skills. The curriculum prepares students to enter graduate school and/or find careers as professional geologists.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Up to 8 credits of coursework with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of credits of A or B. Courses may not be taken S-N unless offered S-N only. A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- [CHEM 1101](#) - General Chemistry I [SCI-L] (5.0 cr)
- [CHEM 1102](#) - General Chemistry II [SCI-L] (5.0 cr)
- [GEOL 1101](#) - Physical Geology [SCI-L] (4.0 cr)



GEOL 2101 - Mineralogy and Crystallography [SCI-L] (4.0 cr)
GEOL 2111 - Igneous and Metamorphic Petrology [SCI-L] (4.0 cr)
GEOL 2121 - Sedimentology and Stratigraphy [SCI-L] (4.0 cr)
GEOL 3101 - Structural Geology [SCI-L] (4.0 cr)
GEOL 4901 - Geology Senior Seminar (1.0 cr)
GEOL 4902 - Geology Senior Seminar Presentations (1.0 cr)
MATH 1021 - Survey of Calculus [M/SR] (4.0 cr)
or MATH 1101 - Calculus I [M/SR] (5.0 cr)
Completion of approved Geology Field Camp (6 cr)

Elective Courses

Take 10 or more credit(s) from the following:

- GEOL 2131 - Geomorphology [SCI] (4.0 cr)
- GEOL 2141 - Glacial and Quaternary Geology [SCI] (4.0 cr)
- GEOL 2161 - GIS and Remote Sensing [SCI] (4.0 cr)
- GEOL 3001 - Global Tectonics [SCI] (4.0 cr)
- GEOL 3011 - Earth Resources [ENVT] (4.0 cr)
- GEOL 3012 - Global Change: Past and Present (4.0 cr)
- GEOL 3111 - Introduction to Paleontology [SCI-L] (4.0 cr)
- GEOL 3401 - Geophysics [SCI] (4.0 cr)
- GEOL 3501 - Hydrology [SCI] (4.0 cr)
- GEOL 3601 - Introduction to Geochemistry [SCI] (4.0 cr)
- GEOL 4130 - Advanced Geomorphology (4.0 cr)
- GEOL 4140 - Advanced Glacial and Quaternary Geology (4.0 cr)
- GEOL 3993 - Directed Study (1.0 - 5.0 cr)
or GEOL 4993 - Directed Study (1.0 - 5.0 cr)
- Recommended for graduate studies:
 - GEOL 2151 - Historical Geology: Earth History and Changing Scientific Perspectives [SCI-L] (4.0 cr)

Additional Electives

Courses must be chosen in consultation with a geology adviser.

Take 7 or more credit(s) from the following:

- BIOL 1xxx
- BIOL 2xxx
- BIOL 3xxx
- BIOL 4xxx
- CHEM 1xxx
- CHEM 2xxx
- CHEM 3xxx
- CHEM 4xxx
- CSCI 1xxx
- CSCI 2xxx
- CSCI 3xxx
- CSCI 4xxx
- MATH 1xxx
- MATH 2xxx
- MATH 3xxx
- MATH 4xxx
- NSCI 1xxx
- NSCI 2xxx
- NSCI 3xxx
- NSCI 4xxx
- PHYS 1xxx
- PHYS 2xxx
- PHYS 3xxx
- PHYS 4xxx
- STAT 1xxx
- STAT 2xxx
- STAT 3xxx
- STAT 4xxx
- ESCI 2xxx
- ESCI 3xxx

**Morris Campus****Geology Minor***Division of Science & Mathematics - Adm***Division of Science and Mathematics**

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 38

Objectives--The geology curriculum serves those interested in broadening their knowledge of the natural environment and the geological sciences as part of their liberal arts education. It provides a firm foundation in geology, related sciences, and mathematics for students interested in the investigation and solution of geologic problems, provides background in earth science for those who plan to teach in this field at the secondary level, and serves those in other professional or interdisciplinary programs who need geology as a related subject.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Up to 8 credits of coursework with a grade of D or D+ may be used to meet the minor requirements if offset by an equivalent number of credits earning a grade of A or B. Courses may not be taken S-N, unless offered S-N only. The GPA in these courses must be at least 2.00.

Minor Required Courses

- [GEOL 1101](#) - Physical Geology [SCI-L] (4.0 cr)
- [GEOL 2101](#) - Mineralogy and Crystallography [SCI-L] (4.0 cr)
- [GEOL 2111](#) - Igneous and Metamorphic Petrology [SCI-L] (4.0 cr)
- [GEOL 2121](#) - Sedimentology and Stratigraphy [SCI-L] (4.0 cr)
- [CHEM 1101](#) - General Chemistry I [SCI-L] (5.0 cr)
- [CHEM 1102](#) - General Chemistry II [SCI-L] (5.0 cr)

Choose one course from the following

- [GEOL 3101](#) - Structural Geology [SCI-L] (4.0 cr)
- or [GEOL 3111](#) - Introduction to Paleontology [SCI-L] (4.0 cr)
- or [GEOL 3501](#) - Hydrology [SCI] (4.0 cr)

Elective Courses

Take 4 or more credit(s) from the following:

- [GEOL 2131](#) - Geomorphology [SCI] (4.0 cr)
- [GEOL 2141](#) - Glacial and Quaternary Geology [SCI] (4.0 cr)
- [GEOL 2151](#) - Historical Geology: Earth History and Changing Scientific Perspectives [SCI-L] (4.0 cr)
- [GEOL 2161](#) - GIS and Remote Sensing [SCI] (4.0 cr)
- [GEOL 3001](#) - Global Tectonics [SCI] (4.0 cr)
- [GEOL 3012](#) - Global Change: Past and Present (4.0 cr)
- [GEOL 3101](#) - Structural Geology [SCI-L] (4.0 cr)
- [GEOL 3111](#) - Introduction to Paleontology [SCI-L] (4.0 cr)
- [GEOL 3401](#) - Geophysics [SCI] (4.0 cr)
- [GEOL 3501](#) - Hydrology [SCI] (4.0 cr)
- [GEOL 3601](#) - Introduction to Geochemistry [SCI] (4.0 cr)
- [GEOL 4130](#) - Advanced Geomorphology (4.0 cr)
- [GEOL 4140](#) - Advanced Glacial and Quaternary Geology (4.0 cr)
- Take at most 3 credit(s) from the following:
 - [GEOL 1993](#) - Directed Study (1.0 - 5.0 cr)
 - [GEOL 2993](#) - Directed Study (1.0 - 5.0 cr)
 - [GEOL 3993](#) - Directed Study (1.0 - 5.0 cr)
 - [GEOL 4993](#) - Directed Study (1.0 - 5.0 cr)

**Morris Campus****German Studies B.A.***Division of Humanities - Adm***Division of Humanities**

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40
- Degree: Bachelor of Arts

This is an interdisciplinary program housed in the Division of the Humanities. The program is administered by the German studies coordinator and the chair of the Division of the Humanities.

The German studies curriculum includes the language, literature, film, linguistics, history, and culture of German-speaking countries and Germanic languages. The courses are designed to enhance students' understanding of their own language and culture through introduction to another. Our courses expand students' ability to think by giving them a new tool with which to do so. The courses are carefully sequenced to incrementally increase student aptitude in the one skill upon which everything else they could possibly do or study relies: language. Expansion of thought in any field of study requires the acquisition of new language. Learning the German language provides students with direct access to the world's fourth largest economy as well as the sister economies of the other German-speaking countries (Germany, Austria, Switzerland). Additionally students gain intimate knowledge of a linguistic tradition and culture that has produced innovation in almost every field of study pursued on campus, thereby benefiting students regardless of their main area of concentration.

Objectives - Learning an entirely new linguistic idiom increases one's ability to think, and neurological studies have shown that it actually grows brain cells. Our primary goal is to enable students to become culturally competent. We have constructed the curriculum to increase students' confidence and social skills by capitalizing on their innate and extant ability to use language and by demonstrating to them that they can acquire another language, while also providing an understanding of language itself that will enable them to acquire further languages. The intellectual and practical skills enable students to gain a deeper understanding of the roles of individuals in society, as well as building upon their capacity for integrative learning. Our program aims to provide students with opportunities that will enable them to directly apply newly acquired linguistic abilities, cultural knowledge, and social skills in their chosen area of study through study abroad, internships, and professional exchanges.

Program Student Learning Outcomes

Students will be able to understand the main idea and most supporting details of written or listening texts in the target language.

Students will be able to express themselves, in speaking and in writing, in the past, present, and future in the target language.

Students will be able to interpret cultural artifacts, texts, and films with accuracy, demonstrating knowledge of the target cultures that produced them.

Students work will reflect an awareness of their own cultural biases and articulate the inherent complexities, worldviews, and values of other cultures.

Students will be able to locate, apply, and cite effective secondary materials in their own work.

Study Abroad

In light of today's increasingly interdependent world, the German faculty strongly encourages study abroad in combination with a German Studies major or minor.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of German.

Elective plans must be designed to ensure that there is sufficient depth of coverage in the chosen German studies electives. For many students, a double-major (or minor) in a closely related disciplinary major is desirable. For some majors, electives can be selected in such a way that many of the courses in a coherent German studies elective plan also count toward the second major. An advising sheet for recommended course combinations and areas of focus is available.

In addition to the requirements for the major, students are encouraged to complete at least one year of instruction in another foreign language.

No grades below C- are allowed. Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- GER 2001 - Intermediate German I [IP] (4.0 cr)
- GER 2002 - Intermediate German II [IP] (4.0 cr)
- GER 3001 - Advanced German Grammar [IP] (4.0 cr)
- GER 4901 - German Studies Capstone (2.0 - 4.0 cr)
- HIST 3209 - Modern Germany [HIST] (4.0 cr)

Selection of Elective Courses

Other elective courses, not listed below, may be appropriate to add depth and provide more theoretical context for the German studies coursework (requires written approval of the course instructor and the program coordinator).

All or most elective credits should be from upper division (3xxx or 4xxx) courses.

Elective Courses

Take a total of 20 elective credits for the major. Take 12 or more credits from courses taught in German. An additional 8 credits may come from courses taught in English.

Take exactly 20 credit(s) from the following:

Electives Taught in German

Take 12 or more credit(s) from the following:

- GER 3101 - Introduction to German Literature and Culture [HUM] (4.0 cr)
- GER 3602 - Scandinavian Literature 20th and 21st Century Novel [HUM] (4.0 cr)
- GER 3701 - The Red Army Faction in German Literature [IP] (4.0 cr)
- GER 3702 - Martial Masculinities: Manhood and Aggression in German Literature and Culture [HUM] (4.0 cr)
- GER 4001 - German Civilization I [HIST] (4.0 cr)

Electives Taught in English

Take 0 or more credit(s) from the following:

- ARTH 3132 - Castles and Cathedrals [FA] (4.0 cr)
- ARTH 3201 - Nineteenth-Century Art in Europe [FA] (4.0 cr)
- ARTH 3211 - Modern European Art from Impressionism to Surrealism [FA] (4.0 cr)
- ARTH 3222 - History of Twentieth-Century Design [FA] (4.0 cr)
- ARTH 3274 - Modern Art in Germany [FA] (4.0 cr)
- ENGL 3021 - Grammar and Language [HUM] (4.0 cr)
- ENGL 3411 - Critical Approaches to Literature (4.0 cr)
- ENGL 4004 - Research Seminar: Old English Literature and Language (4.0 cr)
- HIST 3161 - The Enlightenment [HIST] (4.0 cr)
- HIST 3204 - Nazi Germany [HIST] (4.0 cr)
- PHIL 4002 - Existentialism [HIST] (4.0 cr)
- Take at most 4 credit(s) from the following:
 - ARTH 2103 - Art and Archaeology of Ancient Rome [FA] (4.0 cr)
 - HIST 2132 - History of Fairy Tales and Folklore in Europe [HIST] (4.0 cr)
 - HIST 2151 - Modern Europe [HIST] (4.0 cr)
 - HIST 2708 - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)

Morris Campus

German Studies Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 32

This is an interdisciplinary program housed in the Division of the Humanities. The program is administered by the German studies coordinator and the chair of the Division of the Humanities.

The German studies curriculum includes the language, literature, film, linguistics, history, and culture of German-speaking countries and Germanic languages. The courses are designed to enhance students' understanding of their own language and culture through introduction to another. Our courses expand students' ability to think by giving them a new tool with which to do so. The courses are carefully sequenced to incrementally increase student aptitude in the one skill upon which everything else they could possibly do or study relies: language. Expansion of thought in any field of study requires the acquisition of new language. Learning the German language provides students with direct access to the world's fourth largest economy as well as the sister economies of the other German-speaking countries (Germany, Austria, Switzerland). Additionally students gain intimate knowledge of a linguistic tradition and culture that has produced innovation in almost every field of study pursued on campus, thereby benefiting students regardless of their main area of concentration.

Objectives - Learning an entirely new linguistic idiom increases one's ability to think, and neurological studies have shown that it actually grows brain cells. Our primary goal is to enable students to become culturally competent. We have constructed the curriculum to increase students' confidence and social skills by capitalizing on their innate and extant ability to use language and by demonstrating to them that they can acquire another language, while also providing an understanding of language itself that will enable them to acquire further languages. The intellectual and practical skills enable students to gain a deeper understanding of the roles of individuals in society, as well as building upon their capacity for integrative learning. Our program aims to provide students with opportunities that will enable them to directly apply newly acquired linguistic abilities, cultural knowledge, and social skills in their chosen area of study through study abroad, internships, and professional exchanges.

Program Student Learning Outcomes

Students will be able to understand the main idea and most supporting details of written or listening texts in the target language.

Students will be able to express themselves, in speaking and in writing, in the past, present, and future in the target language.

Students will be able to interpret cultural artifacts, texts, and films with accuracy, demonstrating knowledge of the target cultures that produced them.

Students work will reflect an awareness of their own cultural biases and articulate the inherent complexities, worldviews, and values of other cultures.

Students will be able to locate, apply, and cite effective secondary materials in their own work.

Study Abroad

In light of today's increasingly interdependent world, the German faculty strongly encourages study abroad in combination with a German Studies major or minor.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Students are required to take 2 semester(s) of German.

No grades below C- are allowed. Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

[GER 2001](#) - Intermediate German I [IP] (4.0 cr)

[GER 2002](#) - Intermediate German II [IP] (4.0 cr)



GER 3001 - Advanced German Grammar [IP] (4.0 cr)
HIST 3209 - Modern Germany [HIST] (4.0 cr)

Selection of Elective Courses

Other elective courses, not listed below, may be appropriate to add depth and provide more theoretical context for the German studies coursework (requires written approval of the course instructor and the program coordinator).

All or most of the elective credits should be upper division (3xxx or 4xxx) courses.

Elective Courses

Take a total of 16 elective credits for the minor. Take 8 or more credits from courses taught in German. An additional 8 credits may come from courses taught in English.

Take exactly 16 credit(s) from the following:

Electives Taught in German

Take 8 or more credit(s) from the following:

- GER 3101 - Introduction to German Literature and Culture [HUM] (4.0 cr)
- GER 3602 - Scandinavian Literature 20th and 21st Century Novel [HUM] (4.0 cr)
- GER 3701 - The Red Army Faction in German Literature [IP] (4.0 cr)
- GER 3702 - Martial Masculinities: Manhood and Aggression in German Literature and Culture [HUM] (4.0 cr)
- GER 4001 - German Civilization I [HIST] (4.0 cr)

Electives Taught in English

Take 0 or more credit(s) from the following:

- ARTH 3132 - Castles and Cathedrals [FA] (4.0 cr)
- ARTH 3201 - Nineteenth-Century Art in Europe [FA] (4.0 cr)
- ARTH 3211 - Modern European Art from Impressionism to Surrealism [FA] (4.0 cr)
- ARTH 3222 - History of Twentieth-Century Design [FA] (4.0 cr)
- ARTH 3274 - Modern Art in Germany [FA] (4.0 cr)
- ENGL 3021 - Grammar and Language [HUM] (4.0 cr)
- ENGL 3411 - Critical Approaches to Literature (4.0 cr)
- ENGL 4004 - Research Seminar: Old English Literature and Language (4.0 cr)
- HIST 3161 - The Enlightenment [HIST] (4.0 cr)
- HIST 3204 - Nazi Germany [HIST] (4.0 cr)
- Take at most 4 credit(s) from the following:
 - ARTH 2103 - Art and Archaeology of Ancient Rome [FA] (4.0 cr)
 - HIST 2132 - History of Fairy Tales and Folklore in Europe [HIST] (4.0 cr)
 - HIST 2151 - Modern Europe [HIST] (4.0 cr)
 - HIST 2708 - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)



Morris Campus

History B.A.

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40
- Degree: Bachelor of Arts

Objectives-The history curriculum is designed to introduce students to the study of the human past in a broad range of contexts across place and time. Emphasizing the role of the student as an active learner, the curriculum encourages individualized learning experiences, including those outside of established coursework, and the development of close working relationships between students and faculty.

Student Learning Outcomes:

1. Students are introduced to the study of the human past across a diverse range of contexts.
2. Students learn to think critically through analysis of a variety of primary and secondary source materials.
3. Students learn to communicate their ideas effectively in writing and through oral presentation.
4. Students are exposed to the ethical frameworks within which historians pursue their work, both individually and collectively.
5. Students understand the construction of historical knowledge and gain exposure to a broad range of approaches used by historians.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Students should develop a coherent program of study in consultation with their major advisor. The student and advisor must meet to plan the student's course of study and ensure the major encompasses breadth across regions and time periods. The student's plan must involve at least one course prior to 1750, and at least one course each from three of the following areas: Asia, Europe, Middle East/Africa, Latin America, Native America/Indigenous, and United States.

When the student applies for graduation, the advisor reviews the student's course of study to document that the student has successfully demonstrated breadth across regions and time periods in the major.

Prior to the end of the second week of the student's last semester before graduation, the student completes an anonymous online assessment of how well the program of study has enhanced the student's:

Familiarity with range of historical periods and cultures sufficiently broad to allow meaningful exploration of the human experience in varied times and places;

Ability to critically analyze, interpret, and synthesize various types of historical materials;

Insight into the construction of historical knowledge as reflective of personal and social contexts; and

Ability to initiate and pursue a course of historical inquiry.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Students must take at least two 3000-level courses prior to enrolling in the Hist 3181 (excluding directed studies).

[HIST 1111](#) - Introduction to World History [HIST] (4.0 cr)

[HIST 3181](#) - The Study of History [HIST] (4.0 cr)

[HIST 4501](#) - Senior Research Seminar in History (4.0 cr)

Electives

Students must complete 28 credits choosing at least one course prior to 1750, and at least one course each from three of the following areas: Asia, Europe, Middle East/Africa, Latin America, Native America/Indigenous, and United States. Directed Studies (X993) may be used in any of the areas if content is appropriate and approved by their major advisor.

Take 28 or more credit(s) from the following:

History Prior to 1750

Take 4 or more credit(s) from the following:

- [HIST 1112](#) - Introduction to African History to 1880 [HIST] (4.0 cr)
- [HIST 1501](#) - Introduction to East Asian History: China, Japan, and Korea before 1800. [HIST] (4.0 cr)
- [HIST 1601](#) - Latin American History: A Basic Introduction [IP] (4.0 cr)
- [HIST 2103](#) - Medieval Europe [HIST] (4.0 cr)
- [HIST 2108](#) - Ancient Greek and Roman History [HIST] (4.0 cr)
- [HIST 2609](#) - History of Brazil: From Sugar to Sugar Cars [HIST] (4.0 cr)
- [HIST 2616](#) - Environmental History of Latin America [ENVT] (2.0 cr)
- [HIST 3021](#) - Gender and Sexuality in African History [E/CR] (4.0 cr)
- [HIST 3207](#) - The Crusades [IP] (4.0 cr)
- [HIST 3614](#) - Race and Ethnicity in Latin America [HDIV] (4.0 cr)

Geographical Areas

Take 24 or more credit(s) including 3 or more sub-requirements(s) from the following:

Asia

- [HIST 1501](#) - Introduction to East Asian History: China, Japan, and Korea before 1800. [HIST] (4.0 cr)
or [HIST 2551](#) - Modern Japan [HIST] (4.0 cr)
or [HIST 2552](#) - History of Modern China [HIST] (4.0 cr)
or [HIST 2557](#) - History of Southeast Asia [HIST] (4.0 cr)
or [HIST 3557](#) - East Asia Since 1800 [IP] (4.0 cr)

Europe

- [HIST 2103](#) - Medieval Europe [HIST] (4.0 cr)
or [HIST 2108](#) - Ancient Greek and Roman History [HIST] (4.0 cr)
or [HIST 2132](#) - History of Fairy Tales and Folklore in Europe [HIST] (4.0 cr)
or [HIST 2151](#) - Modern Europe [HIST] (4.0 cr)
or [HIST 2708](#) - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)
or [HIST 3161](#) - The Enlightenment [HIST] (4.0 cr)
or [HIST 3204](#) - Nazi Germany [HIST] (4.0 cr)
or [HIST 3207](#) - The Crusades [IP] (4.0 cr)
or [HIST 3209](#) - Modern Germany [HIST] (4.0 cr)
or [HIST 3211](#) - Modern France [HIST] (4.0 cr)
or [HIST 3212](#) - The French Revolution [HIST] (4.0 cr)
or [HIST 3213](#) - Modern Britain [HIST] (4.0 cr)
or [HIST 3214](#) - History of Childhood [HIST] (4.0 cr)

Middle East/Africa

- [HIST 1112](#) - Introduction to African History to 1880 [HIST] (4.0 cr)
or [HIST 1113](#) - Introduction to African History since 1880 [HIST] (4.0 cr)
or [HIST 2312](#) - History of South Africa to 1976 [HIST] (4.0 cr)
or [HIST 2313](#) - History of South Africa since 1910 [IP] (4.0 cr)
or [HIST 3021](#) - Gender and Sexuality in African History [E/CR] (4.0 cr)

Latin America

- [HIST 1601](#) - Latin American History: A Basic Introduction [IP] (4.0 cr)
or [HIST 2608](#) - History of Cuba: From Colony to Revolutionary State [HIST] (4.0 cr)
or [HIST 2609](#) - History of Brazil: From Sugar to Sugar Cars [HIST] (4.0 cr)
or [HIST 2616](#) - Environmental History of Latin America [ENVT] (2.0 cr)
or [HIST 3612](#) - Social Revolution in 20th-Century Latin America [HIST] (4.0 cr)
or [HIST 3613](#) - U.S.-Latin American Relations in Historical Perspective [IP] (4.0 cr)
or [HIST 3614](#) - Race and Ethnicity in Latin America [HDIV] (4.0 cr)

Native American/Indigenous

- [HIST 2251](#) - American Indians and the United States: A History [HDIV] (4.0 cr)



- or [HIST 2252](#) - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- or [HIST 2451](#) - The American West [HIST] (4.0 cr)
- or [HIST 3359](#) - Native Strategies for Survival, 1880-1920 [HDIV] (4.0 cr)
- or [HIST 3402](#) - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- or [HIST 3403](#) - American Indian Education: History and Representation [E/CR] (4.0 cr)

•United States

- [HIST 1301](#) - Introduction to U.S. History [HIST] (4.0 cr)
- or [HIST 1402](#) - Gender, Women, and Sexuality in American History [HDIV] (4.0 cr)
- or [HIST 2003](#) - Public History [HIST] (2.0 cr)
- or [HIST 2352](#) - The U.S. 1960s [HIST] (4.0 cr)
- or [HIST 2441](#) - The United States and the Great War [HIST] (4.0 cr)
- or [HIST 2452](#) - Minnesota History [HIST] (4.0 cr)
- or [HIST 3303](#) - Creation of the American Republic [HIST] (4.0 cr)
- or [HIST 3304](#) - Race, Class, and Gender in American History [HDIV] (4.0 cr)
- or [HIST 3351](#) - The U.S. Presidency Since 1900 [SS] (4.0 cr)
- or [HIST 3353](#) - World War II [HIST] (4.0 cr)
- or [HIST 3355](#) - United States in Transition, 1877-1920 [HIST] (4.0 cr)
- or [HIST 3356](#) - Civil Rights Era, 1954-1974 [E/CR] (4.0 cr)
- or [HIST 3358](#) - Civil War and Reconstruction [HIST] (4.0 cr)
- or [HIST 3360](#) - American Experience in World War II [HIST] (4.0 cr)
- or [HIST 3361](#) - An Environmental and Geographic History of the United States [ENVT] (4.0 cr)
- or [HIST 3453](#) - The American Presidency, 1789-1900 [HIST] (4.0 cr)
- or [HIST 3455](#) - American Immigration [HDIV] (4.0 cr)
- or [HIST 3456](#) - History of Religion in America [HIST] (4.0 cr)
- or [HIST 3465](#) - History of the American Family [HIST] (4.0 cr)
- or [HIST 3467](#) - The Fracturing of America: A History of the United States from Nixon to Trump [HIST] (4.0 cr)



Morris Campus

History Minor

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20

Objectives--The history curriculum is designed to introduce students to the study of the human past. Students minoring in history learn to approach decision-making with an awareness of a broad range of choices; learn to think critically and communicate their ideas effectively; learn to integrate their academic study with their intellectual and ethical development; and understand the construction of historical knowledge. The curriculum emphasizes the role of the student as an active learner and encourages individualized learning experiences, including those outside of established coursework, and the development of close working relationships between students and faculty.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

[HIST 1111](#) - Introduction to World History [HIST] (4.0 cr)

Electives

An additional 16 credits in history of which 12 credits are at 2xxx or above. There should be evidence of work in at least three (3) of the following areas: Asia, Europe, Middle East/Africa, Latin America, Native America/Indigenous, and United States. Directed Studies (X993) may be used in any of the areas if content is appropriate and approved by their major advisor.

Take 16 or more credit(s) including 3 or more sub-requirements(s) from the following:

Geographical Areas - 1xxx

Take at most 4 credit(s) from the following:

Asia

- [HIST 1501](#) - Introduction to East Asian History: China, Japan, and Korea before 1800. [HIST] (4.0 cr)

Latin America

- [HIST 1601](#) - Latin American History: A Basic Introduction [IP] (4.0 cr)

United States

- [HIST 1301](#) - Introduction to U.S. History [HIST] (4.0 cr)
or [HIST 1402](#) - Gender, Women, and Sexuality in American History [HDIV] (4.0 cr)

Middle East/Africa

- [HIST 1112](#) - Introduction to African History to 1880 [HIST] (4.0 cr)
or [HIST 1113](#) - Introduction to African History since 1880 [HIST] (4.0 cr)

Geographical Areas - 2xxx or above

Take 12 or more credit(s) from the following:

Asia

- [HIST 2551](#) - Modern Japan [HIST] (4.0 cr)
or [HIST 2552](#) - History of Modern China [HIST] (4.0 cr)
or [HIST 2557](#) - History of Southeast Asia [HIST] (4.0 cr)
or [HIST 3557](#) - East Asia Since 1800 [IP] (4.0 cr)

Europe

- [HIST 2103](#) - Medieval Europe [HIST] (4.0 cr)
or [HIST 2108](#) - Ancient Greek and Roman History [HIST] (4.0 cr)
or [HIST 2132](#) - History of Fairy Tales and Folklore in Europe [HIST] (4.0 cr)
or [HIST 2151](#) - Modern Europe [HIST] (4.0 cr)
or [HIST 2708](#) - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)



or HIST 3161 - The Enlightenment [HIST] (4.0 cr)
or HIST 3204 - Nazi Germany [HIST] (4.0 cr)
or HIST 3207 - The Crusades [IP] (4.0 cr)
or HIST 3209 - Modern Germany [HIST] (4.0 cr)
or HIST 3211 - Modern France [HIST] (4.0 cr)
or HIST 3212 - The French Revolution [HIST] (4.0 cr)
or HIST 3213 - Modern Britain [HIST] (4.0 cr)
or HIST 3214 - History of Childhood [HIST] (4.0 cr)

•**Middle East/Africa**

•HIST 2312 - History of South Africa to 1976 [HIST] (4.0 cr)
or HIST 2313 - History of South Africa since 1910 [IP] (4.0 cr)
or HIST 3021 - Gender and Sexuality in African History [E/CR] (4.0 cr)

•**Latin America**

•HIST 2608 - History of Cuba: From Colony to Revolutionary State [HIST] (4.0 cr)
or HIST 2609 - History of Brazil: From Sugar to Sugar Cars [HIST] (4.0 cr)
or HIST 2616 - Environmental History of Latin America [ENVT] (2.0 cr)
or HIST 3612 - Social Revolution in 20th-Century Latin America [HIST] (4.0 cr)
or HIST 3613 - U.S.-Latin American Relations in Historical Perspective [IP] (4.0 cr)
or HIST 3614 - Race and Ethnicity in Latin America [HDIV] (4.0 cr)

•**Native American/Indigenous**

•HIST 2251 - American Indians and the United States: A History [HDIV] (4.0 cr)
or HIST 2252 - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
or HIST 2451 - The American West [HIST] (4.0 cr)
or HIST 3359 - Native Strategies for Survival, 1880-1920 [HDIV] (4.0 cr)
or HIST 3402 - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
or HIST 3403 - American Indian Education: History and Representation [E/CR] (4.0 cr)

•**United States**

•HIST 2003 - Public History [HIST] (2.0 cr)
or HIST 2352 - The U.S. 1960s [HIST] (4.0 cr)
or HIST 2441 - The United States and the Great War [HIST] (4.0 cr)
or HIST 2452 - Minnesota History [HIST] (4.0 cr)
or HIST 3303 - Creation of the American Republic [HIST] (4.0 cr)
or HIST 3304 - Race, Class, and Gender in American History [HDIV] (4.0 cr)
or HIST 3351 - The U.S. Presidency Since 1900 [SS] (4.0 cr)
or HIST 3353 - World War II [HIST] (4.0 cr)
or HIST 3355 - United States in Transition, 1877-1920 [HIST] (4.0 cr)
or HIST 3356 - Civil Rights Era, 1954-1974 [E/CR] (4.0 cr)
or HIST 3358 - Civil War and Reconstruction [HIST] (4.0 cr)
or HIST 3360 - American Experience in World War II [HIST] (4.0 cr)
or HIST 3361 - An Environmental and Geographic History of the United States [ENVT] (4.0 cr)
or HIST 3453 - The American Presidency, 1789-1900 [HIST] (4.0 cr)
or HIST 3455 - American Immigration [HDIV] (4.0 cr)
or HIST 3456 - History of Religion in America [HIST] (4.0 cr)
or HIST 3465 - History of the American Family [HIST] (4.0 cr)
or HIST 3467 - The Fracturing of America: A History of the United States from Nixon to Trump [HIST] (4.0 cr)

Morris Campus

Honors Program

M Acad Dean's Admin

Academic Affairs

- Program Type: Other
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 12
- This program is 8 terms (4 years) long.

The Honors Program offers students an opportunity to pursue an intentional interdisciplinary and interdivisional curriculum and work toward graduation with honors.

Honors courses, limited to a class size of 15, are interdisciplinary in nature and often team-taught by faculty from different academic divisions, and concern subjects of special interest to the faculty members who design them. All UMN Morris students are eligible to apply to the Honors Program. Admitted students usually take the required core course, IS 2001H-Traditions in Human Thought, in the fall of their second year. Honors students then complete at least 8 credits of interdisciplinary honors course electives and a 2-credit honors capstone project; the capstone is a substantial scholarly or creative interdisciplinary work designed by each student working cooperatively with an interdisciplinary panel of three faculty and includes a culminating project defense.

Learning Outcomes

1. Connections among disciplines. Student demonstrate an understanding of interdisciplinary inquiry and a recognition of its centrality in the liberal arts setting in general and the Honors Program in particular.
2. Engagement with big questions, both contemporary and enduring. Students are active members of intellectual communities within and beyond Honors classes.
3. Sustainable learning. Students develop across disciplines and academic divisions a strong foundation of lifelong learning.

Further information about the Honors Program may be obtained from the Academic Center for Enrichment (ACE) office at www.morris.umn.edu/ACE.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

Students normally apply to the program in the spring semester of their freshman year and begin coursework sophomore year. While everyone may apply, the following may be used to limit the number of students accepted, focusing on those with the proven motivation and ability to likely succeed in the program: academic success in the fall semester, faculty recommendations, and a short essay. Applications are available at the Academic Center for Enrichment, 5 Student Center.

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Honors capstone project: It is the responsibility of the student to secure a project advisor for the honors capstone project, identify two other faculty for the panel in consultation with the project advisor, and register for at least 2 credits of IS 4994H - Honors Capstone Project. Students should submit the completed project to the Honors Program director and panel members by April 1 and arrange for the defense.

To qualify for a degree with honors, a student must have completed 60 or more semester credits at the University.

No grades below a C- are allowed. Courses applied to the honors program may not be taken S/N unless offered S/N only.

A minimum GPA of 3.50 in all University of Minnesota, Morris courses is required. Grades of "F" are included in GPA calculation until



they are replaced.

Required Courses

IS 2001H is usually completed in fall of the sophomore year.

[IS 2001H](#) - Honors: Traditions in Human Thought [HUM] (2.0 cr)

[IS 4994H](#) - Honors Capstone Project (2.0 cr)

Elective Courses

Any fully-approved IS 3xxxH course may be used to fulfill the 8 credit elective requirement.

Two of the eight elective credits may also be completed by writing an interdisciplinary paper related to co-curricular engagement, such as an internship or study abroad experience. Students complete an Honors Co-Curricular Independent Study form and register for IS 3991H. These projects are subject to assessment by a committee of faculty members.

Take 8 or more credit(s) from the following:

- [IS 3111H](#) - Honors: The End of the World as We've Known It: The Apocalypse Then and Now [SS] (2.0 cr)
- [IS 3203H](#) - Honors: A Cross-Section of the Enlightenment [HIST] (2.0 cr)
- [IS 3206H](#) - Honors: Introduction to Game Theory [M/SR] (2.0 cr)
- [IS 3211H](#) - Honors: Republic or Empire? The American 1890s [HIST] (2.0 cr)
- [IS 3215H](#) - Honors: Sagas before the Fall: Culture, Climate, and Collapse in Medieval Iceland [ENVT] (2.0 cr)
- [IS 3216H](#) - Honors: Perspectives on Disability in Contemporary American Life [HDIV] (2.0 cr)
- [IS 3217H](#) - Honors: The Trial of Galileo [HIST] (2.0 cr)
- [IS 3237H](#) - Honors: The Power of Place: An Interdisciplinary Approach to Where We Live [ENVT] (2.0 cr)
- [IS 3238H](#) - Honors: In Search of Nietzsche [IP] (4.0 cr)
- [IS 3240H](#) - Honors: Proud Decade or Dark Age? The American 1950s [HIST] (2.0 cr)
- [IS 3241H](#) - Honors: Worldviews [SCI] (4.0 cr)
- [IS 3242H](#) - Honors: Two Cosmological Poets: Dante and Lucretius [IP] (2.0 cr)
- [IS 3244H](#) - Honors: Fascism, the Resistance, and Their Legacy in Contemporary Italy [IP] (2.0 cr)
- [IS 3245H](#) - Honors: Archaeology Mythbusting [SS] (2.0 cr)
- [IS 3246H](#) - Honors: Science, Poetry, and the Great War [SCI] (4.0 cr)
- [IS 3247H](#) - Honors: Heroes of Ancient Greece and Rome [HUM] (2.0 cr)
- [IS 3248H](#) - Honors: Art and History of the Crusades [FA] (2.0 cr)
- [IS 3249H](#) - Honors: Literature Through Opera [FA] (2.0 cr)
- [IS 3250H](#) - Honors: Moral Sentimentalism [HUM] (4.0 cr)
- [IS 3251H](#) - Honors: Chariots and Gladiators: Ancient Greek and Roman Athletics [HIST] (2.0 cr)
- [IS 3253H](#) - Honors: Honoring Native Treaties: Human Rights and Civic Responsibilities [E/CR] (2.0 cr)
- [IS 3254H](#) - Honors: The Prairie: What It Was, What It Is, What It Can Be [ENVT] (2.0 cr)
- [IS 3255H](#) - Honors: Machine Learning in Society: Who Trains Whom? [SS] (2.0 cr)
- [IS 3256H](#) - Honors: White City, White Countryside: An Economic and Environmental Geography of the Upper Midwest (2.0 cr)
- [IS 3257H](#) - Honors: Confrontations with Power: Three Case Studies [IP] (2.0 cr)
- [IS 3258H](#) - Honors: Medieval Afterlives: Once and Future Things [HUM] (2.0 cr)
- [IS 3259H](#) - Honors: The Bloomsbury Group and the Role of the Arts in Modern Life (4.0 cr)
- [IS 3991H](#) - Honors Co-Curricular Independent Study (1.0 - 2.0 cr)



Morris Campus

Human Services B.A.

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 54
- Degree: Bachelor of Arts

The human services major provides students with an understanding of the individual, the family, the community, institutions, and the systems that are set up to serve these individuals and groups. Students will learn how individuals are in constant interaction with their environments, communities, and institutions. They also will learn how socioeconomic and political environments influence individuals, families, and communities. Human service workers carry out many different roles, from case management and intervention to program administration and development. Students in human services build professional experience for their resumes through our applied service-learning classes and/or capstone internship.

Student Learning Outcomes:

Understanding of the history and structure of human services systems
Knowledge of human development, family functioning, community dynamics, and political systems
Basic skills in intervention with some or all of the following: individuals, families, groups, organizations
Research and information literacy for effective delivery of services
Knowledge of ethics, values, and policies guiding human services practice
Information and technological literacy through exposure to statistical packages
Ability to utilize databases related to human services
Exposure to the domains that inform the field of human services

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Students choose one of the HMSV sub-plans generally no later than the spring semester of their sophomore year. Students may complete more than one sub-plan, however, each elective may only be used to satisfy the requirements of one sub-plan. Students should choose an advisor with a background or specialties related to the human services area (e.g., anthropology, political science, psychology, sociology).

Students should discuss the arrangement of their internship with the HMSV internship coordinator during their junior year.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Courses and directed studies not listed below may be considered for addition to the HMSV major, provided the subject matter is appropriate for the program of study. Contact HMSV coordinator.



Students should complete Psy 4102 during the semester before their internship (HMSV 4896).

Students may complete more than one sub-plan. However, one 4 credit internship may only be used to satisfy the Human Services Internship requirement of one sub-plan.

Introduction to Anthropology or Sociology

[ANTH 1111](#) - Introductory Cultural Anthropology [SS] (4.0 cr)
or [SOC 1101](#) - Introductory Sociology [SS] (4.0 cr)

Introduction to Psychology

[PSY 1051](#) - Introduction to Psychology [SS] (4.0 cr)

Political Science

[POL 1201](#) - American Government and Politics [E/CR] (4.0 cr)

Theory and Practice of Human Services

[HMSV 3001](#) - Theory and Practice of Human Services [SS] (4.0 cr)

Research Methods

[PSY 2001](#) - Research Methods in Psychology [SS] (4.0 cr)
or [SOC 3103](#) - Research Methodology in Sociology (4.0 cr)

Statistics

[STAT 1601](#) - Introduction to Statistics [M/SR] (4.0 cr)
or [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)

Professional Ethics

[PSY 4102](#) - Intro to Prof Conduct, Legal Constraints, Ethics in Human Services [E/CR] (2.0 cr)

Human Services Internship

[HMSV 4896](#) - Internship in the Human Services (1.0 - 4.0 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans.

General

The general human services sub-plan provides students with an understanding of the individual, the family, the community, institutions, and the systems that are set up to serve these individuals and groups. Students will learn how individuals are in constant interaction with their environments, communities, and institutions. They also will learn how socioeconomic and political environments influence individuals, families, and communities. Human service workers carry out many different roles, from case management and intervention to program administration and development. Students in human services build professional experience for their resumes through our applied service-learning classes and/or capstone internship.

At least 16 elective credits need to be at the 3xxx or 4xxx level.

Psychology Electives

Take 8 or more credit(s) from the following:

- [PSY 2402](#) - Family Interaction Dynamics [SS] (4.0 cr)
- [PSY 2581](#) - Drugs and Human Behavior [SS] (2.0 cr)
- [PSY 3051](#) - The Psychology of Women and Gender [HDIV] (4.0 cr)
- [PSY 3101](#) - Learning Theory and Behavior Modification (4.0 cr)
- [PSY 3261](#) - Human Sexuality (4.0 cr)
- [PSY 3313](#) - Psychopathology (4.0 cr)
- [PSY 3314](#) - Child and Adolescent Psychopathology (4.0 cr)
- [PSY 3501](#) - Social Psychology (4.0 cr)
- [PSY 3504](#) - Educational Psychology (4.0 cr)
- [PSY 3542](#) - Multicultural Psychology [HDIV] (4.0 cr)
- [PSY 3581](#) - Psychopharmacology (2.0 cr)
- [PSY 4101](#) - Helping Relationships (4.0 cr)

Sociology and Anthropology Electives

Take 8 or more credit(s) from the following:

- [ANTH 2202](#) - Men and Masculinities [SS] (4.0 cr)
- [ANTH 3502](#) - Latinos in the Midwest [SS] (4.0 cr)



- SOC 3121 - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- SOC 3122 - Sociology of Childhoods [HDIV] (4.0 cr)
- SOC 3123 - Sociology of Aging [HDIV] (4.0 cr)
- SOC 3141 - Sociology of Deviance [E/CR] (4.0 cr)

Additional Electives

Additional elective credits to total at least 24 elective credits. Electives may be selected from any elective category above and the following (exclusive of the course used to fulfill the Research Methods requirement):

Take 0 - 8 credit(s) from the following:

- BIOL 2102 - Human Anatomy (4.0 cr)
- ECON 1111 - Principles of Microeconomics [SS] (4.0 cr)
- ECON 1112 - Principles of Macroeconomics [SS] (4.0 cr)
- MGMT 3701 - Organizational Behavior [SS] (4.0 cr)
- POL 2261 - States: Laboratories of American Democracy [E/CR] (2.0 cr)
- POL 3475 - International Human Rights (4.0 cr)
- PSY 2001 - Research Methods in Psychology [SS] (4.0 cr)
- PSY 2411 - Lifespan Developmental Psychology [SS] (4.0 cr)
- PSY 3701 - Organizational Behavior [SS] (4.0 cr)
- SOC 3103 - Research Methodology in Sociology (4.0 cr)
- SOC 3131 - World Population [ENVT] (4.0 cr)
- SSA 2102 - Human Anatomy (4.0 cr)

Criminal Justice

The criminal justice human services sub plan provides students with knowledge of the criminal justice system, theories of criminal behavior, law, administration, and policy. Students will also learn about the reciprocal relationship between sociocultural contexts and the criminal justice system. This knowledge will prepare students interested in pursuing careers related to the criminal justice system. Students in human services build professional experience for their resumes through our applied service-learning classes and/or capstone internship.

At least 16 elective credits need to be at the 3xxx or 4xxx level.

Required Courses

- POL 2202 - Criminal Justice and Policing (4.0 cr)
- or HMSV 2202 - Criminal Justice and Policing (4.0 cr)

Required Electives

Take 12 or more credit(s) from the following:

- ANTH 3701 - Forensic Anthropology [SCI-L] (4.0 cr)
- CMR 2062 - Interpersonal and Group Communication [HUM] (4.0 cr)
- POL 3231 - Constitutional Law: Civil Liberties and Civil Rights [HDIV] (4.0 cr)
- POL 3232 - Constitutional Law: Governmental Powers and Constraints [SS] (4.0 cr)
- PSY 3501 - Social Psychology (4.0 cr)
- SOC 3141 - Sociology of Deviance [E/CR] (4.0 cr)

Additional Electives

Additional elective credits to total at least 20 elective credits. Electives may be selected from the elective category above and the following (exclusive of the course used to fulfill the Research Methods requirement):

Take 0 - 8 credit(s) from the following:

- ANTH 1201 - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)
- MGMT 2101 - Principles of Accounting I (4.0 cr)
- MGMT 2102 - Principles of Accounting II (2.0 cr)
- PHIL 3131 - Philosophy of Law [SS] (4.0 cr)
- POL 2234 - Race, Class and Power: Social Movements in U.S. Politics [HDIV] (2.0 cr)
- POL 2235 - Race, Class and Power: Interest Groups in U.S. Politics [HDIV] (2.0 cr)
- POL 3411 - International Law [IP] (4.0 cr)
- POL 3475 - International Human Rights (4.0 cr)
- PSY 2001 - Research Methods in Psychology [SS] (4.0 cr)
- PSY 2581 - Drugs and Human Behavior [SS] (2.0 cr)
- PSY 3112 - Cognition (4.0 cr)
- PSY 3302 - Personality (4.0 cr)
- PSY 3313 - Psychopathology (4.0 cr)
- PSY 3314 - Child and Adolescent Psychopathology (4.0 cr)
- PSY 3501 - Social Psychology (4.0 cr)
- PSY 3542 - Multicultural Psychology [HDIV] (4.0 cr)
- PSY 3581 - Psychopharmacology (2.0 cr)
- PSY 4101 - Helping Relationships (4.0 cr)
- SOC 3103 - Research Methodology in Sociology (4.0 cr)
- SOC 3112 - Sociology of the Environment and Social Development [ENVT] (4.0 cr)



Human Development

The human development human services sub plan provides students with an understanding of psychological, social, and biological development and facilitates understanding of sociocultural contexts that influence development. The focus is on normative development, individual variations of development and abnormal development. This knowledge will prepare students interested in providing services to children and older adults. Students in human services build professional experience for their resumes through our applied service-learning classes and/or capstone internship.

At least 16 elective credits need to be at the 3xxx or 4xxx level.

Required Electives

Take 16 or more credit(s) from the following:

- [HIST 3214](#) - History of Childhood [HIST] (4.0 cr)
- [HIST 3465](#) - History of the American Family [HIST] (4.0 cr)
- [PSY 2411](#) - Lifespan Developmental Psychology [SS] (4.0 cr)
- [PSY 3504](#) - Educational Psychology (4.0 cr)
- [PSY 4101](#) - Helping Relationships (4.0 cr)
- [SOC 3122](#) - Sociology of Childhoods [HDIV] (4.0 cr)
- [SOC 3123](#) - Sociology of Aging [HDIV] (4.0 cr)

Additional Electives

Additional elective credits to total at least 24 elective credits. Electives may be selected from the elective category above and the following (exclusive of the course used to fulfill the Research Methods requirement):

Take 0 - 8 credit(s) from the following:

- [ANTH 1201](#) - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)
- [ANTH 2204](#) - Anthropology of Education: Learning and Schooling in Ethnographic Perspective [SS] (4.0 cr)
- [ANTH 2206](#) - Sex, Marriage, and Family [HDIV] (4.0 cr)
- [ANTH 3604](#) - Gender and Sexuality in Latin America [IP] (4.0 cr)
- [BIOL 1111](#) - Fundamentals of Genetics, Evolution, and Development [SCI] (3.0 cr)
- [BIOL 2102](#) - Human Anatomy (4.0 cr)
- [ED 2111](#) - Tutor-Aide Practicum (1.0 cr)
- [ED 2121](#) - Introduction to Education [SS] (4.0 cr)
- [POL 2234](#) - Race, Class and Power: Social Movements in U.S. Politics [HDIV] (2.0 cr)
- [POL 2235](#) - Race, Class and Power: Interest Groups in U.S. Politics [HDIV] (2.0 cr)
- [PSY 2001](#) - Research Methods in Psychology [SS] (4.0 cr)
- [PSY 2402](#) - Family Interaction Dynamics [SS] (4.0 cr)
- [PSY 3051](#) - The Psychology of Women and Gender [HDIV] (4.0 cr)
- [PSY 3101](#) - Learning Theory and Behavior Modification (4.0 cr)
- [PSY 3112](#) - Cognition (4.0 cr)
- [PSY 3261](#) - Human Sexuality (4.0 cr)
- [PSY 3401](#) - Child Development (4.0 cr)
- [PSY 3402](#) - Adolescent and Emerging Adult Development (4.0 cr)
- [PSY 3403](#) - Adult Development and Aging [E/CR] (4.0 cr)
- [PSY 3542](#) - Multicultural Psychology [HDIV] (4.0 cr)
- [SOC 3103](#) - Research Methodology in Sociology (4.0 cr)
- [SOC 3112](#) - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- [SOC 3121](#) - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- [SOC 3123](#) - Sociology of Aging [HDIV] (4.0 cr)
- [SOC 3131](#) - World Population [ENVT] (4.0 cr)
- [SOC 3141](#) - Sociology of Deviance [E/CR] (4.0 cr)
- [SSA 2102](#) - Human Anatomy (4.0 cr)

Social Justice

The social justice human services sub plan provides students with an understanding of how to create societies or institutions based on the principles of equality and solidarity, the value of human rights, and the importance of recognizing that every human being deserves dignity. Social justice is the view that everyone deserves equal economic, political, and social rights and opportunities. This major will prepare students for jobs related to community activism, human rights advocacy or non-profit administration. Students in human services build professional experience for their resumes through our applied service-learning classes and/or capstone internship.

At least 16 elective credits need to be at the 3xxx or 4xxx level.

Required Electives

Take 16 or more credit(s) from the following:

- [ANTH 3502](#) - Latinos in the Midwest [SS] (4.0 cr)
- [GWSS 2404](#) - Feminist, Queer, and Intersectional Theories [HDIV] (2.0 cr)
- [HIST 2312](#) - History of South Africa to 1976 [HIST] (4.0 cr)



- NAIS 1101 - Introduction to Native American and Indigenous Studies [HDIV] (4.0 cr)
- PHIL 3121 - Political Philosophy [SS] (4.0 cr)
- PSY 3501 - Social Psychology (4.0 cr)
- PSY 3542 - Multicultural Psychology [HDIV] (4.0 cr)
- SOC 3121 - Sociology of Gender and Sexuality [HDIV] (4.0 cr)

Additional Electives

Additional elective credits to total at least 24 elective credits. Electives may be selected from the elective category above and the following (exclusive of the course used to fulfill the Research Methods requirement):

Take 0 - 8 credit(s) from the following:

- ANTH 1201 - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)
- ANTH 2202 - Men and Masculinities [SS] (4.0 cr)
- ANTH 3604 - Gender and Sexuality in Latin America [IP] (4.0 cr)
- ARTH 3281 - Women and Art [FA] (4.0 cr)
- CMR 3411 - Intercultural Communication Theory and Research [HDIV] (4.0 cr)
- ECON 1111 - Principles of Microeconomics [SS] (4.0 cr)
- ECON 1112 - Principles of Macroeconomics [SS] (4.0 cr)
- ED 2221 - Diversity and Identity in Literature and Film [HDIV] (4.0 cr)
- ED 2231 - Disability in American Education [HDIV] (2.0 cr)
- ENGL 2031 - Gender in Literature and Culture [HDIV] (4.0 cr)
- ENGL 2041 - Introduction to African American Literature [HDIV] (4.0 cr)
- ENGL 3063 - Environmental Justice Literatures [HDIV] (4.0 cr)
- ENGL 3301 - U.S. Multicultural Literature [HDIV] (4.0 cr)
- ENGL 3311 - American Indian Literature [HDIV] (4.0 cr)
- ENGL 3312 - World Indigenous Literature and Film [HDIV] (4.0 cr)
- ENGL 3332 - African American Women Writers [HDIV] (4.0 cr)
- ENGL 3522 - Harlem Renaissance [HDIV] (4.0 cr)
- GWSS 2101 - American Masculinities: The Making of Guys, Dudes, Bros, and Men [SS] (2.0 cr)
- GWSS 2102 - Masculinities in the Margins: Intersectional and Marginalized Masculinities [SS] (2.0 cr)
- HIST 1402 - Gender, Women, and Sexuality in American History [HDIV] (4.0 cr)
- HIST 2251 - American Indians and the United States: A History [HDIV] (4.0 cr)
- HIST 2252 - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- HIST 2313 - History of South Africa since 1910 [IP] (4.0 cr)
- HIST 2708 - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)
- HIST 3021 - Gender and Sexuality in African History [E/CR] (4.0 cr)
- HIST 3204 - Nazi Germany [HIST] (4.0 cr)
- HIST 3304 - Race, Class, and Gender in American History [HDIV] (4.0 cr)
- HIST 3356 - Civil Rights Era, 1954-1974 [E/CR] (4.0 cr)
- HIST 3359 - Native Strategies for Survival, 1880-1920 [HDIV] (4.0 cr)
- HIST 3402 - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- HIST 3403 - American Indian Education: History and Representation [E/CR] (4.0 cr)
- HIST 3455 - American Immigration [HDIV] (4.0 cr)
- HIST 3612 - Social Revolution in 20th-Century Latin America [HIST] (4.0 cr)
- HIST 3614 - Race and Ethnicity in Latin America [HDIV] (4.0 cr)
- MUS 3115 - Gender and Sexuality in Music [FA] (2.0 cr)
- NAIS 2252 - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- PHIL 1103 - Introductory Ethics [E/CR] (4.0 cr)
- PHIL 2113 - International and Biomedical Ethics [E/CR] (4.0 cr)
- PHIL 2141 - Analytic Feminism [HUM] (4.0 cr)
- POL 2234 - Race, Class and Power: Social Movements in U.S. Politics [HDIV] (2.0 cr)
- POL 2235 - Race, Class and Power: Interest Groups in U.S. Politics [HDIV] (2.0 cr)
- POL 3303 - Gender, Sexuality, and Political Theory [SS] (2.0 cr)
- POL 3475 - International Human Rights (4.0 cr)
- PSY 2001 - Research Methods in Psychology [SS] (4.0 cr)
- PSY 2402 - Family Interaction Dynamics [SS] (4.0 cr)
- PSY 3051 - The Psychology of Women and Gender [HDIV] (4.0 cr)
- PSY 3313 - Psychopathology (4.0 cr)
- PSY 3314 - Child and Adolescent Psychopathology (4.0 cr)
- PSY 4101 - Helping Relationships (4.0 cr)
- SOC 3103 - Research Methodology in Sociology (4.0 cr)
- SOC 3112 - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- SOC 3122 - Sociology of Childhoods [HDIV] (4.0 cr)
- SOC 3123 - Sociology of Aging [HDIV] (4.0 cr)
- SOC 3141 - Sociology of Deviance [E/CR] (4.0 cr)
- SOC 3252 - Women in Muslim Society [IP] (4.0 cr)

Morris Campus

Jazz Studies Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate free-standing minor
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 25 to 27

The jazz studies minor is for non-music majors only and offers an array of jazz-related courses and is designed for students wanting to develop fundamental skills in jazz performance and style. In addition to studying and applying jazz improvisation performance practices, students will become familiar with the cultural and contextual background of jazz and its relationship to other music genres.

Objectives:

- 1) Expose students to a wide range of jazz styles through collaborative performance
- 2) Familiarize students with the cultural context of jazz, including stylistic origins and historical developments
- 3) Develop students' abilities in improvisation and overall musicianship through studies in jazz theory, composition, and individual performance study

Student Program Learning Outcomes:

- 1) Students will be able to perform a wide range of jazz repertoire in small and large ensembles
- 2) Students will be able to demonstrate an understanding of the cultural context of jazz through written and oral mediums
- 3) Students will be able to demonstrate the ability to improvise in a stylistically informed manner

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

No grades below C- are allowed. Courses may not be taken S-N unless offered S-N only. A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Students must complete four semesters of Mus 0100, four semesters of Mus 12xx and two semesters of Mus 1080.

[MUS 100](#) - Concert Attendance (0.0 cr)

[MUS 1080](#) - Jazz Combo [ART/P] (1.0 cr)

[MUS 1081](#) - Jazz Improvisation [ART/P] (2.0 cr)

[MUS 1151](#) - Foundations of Music Theory I: Rhythm and Pitch [M/SR] (2.0 cr)

[MUS 1152](#) - Foundations of Music Theory II: Line [FA] (2.0 cr)

Mus 12xx. Indiv Perf Studies

[MUS 1111](#) - Functional Keyboard for the Music Major I [ART/P] (1.0 cr)

or [MUS 1200](#) - Individual Performance Studies: Piano [ART/P] (1.0 cr)

[MUS 1223](#) - Individual Performance Studies: Composition [ART/P] (1.0 cr)

[MUS 1330](#) - Jazz Ensemble [ART/P] (1.0 cr)

[MUS 2406](#) - Jazz Style and Repertoire [FA] (2.0 cr)

[MUS 3119](#) - Jazz Theory [FA] (2.0 cr)

[MUS 3224](#) - Advanced Individual Performance Studies: Improvisation [ART/P] (1.0 cr)

[MUS 3305](#) - West African Styles in African American Music [FA] (2.0 cr)

Electives

Take 1 or more course(s) from the following:

- [ENGL 3522](#) - Harlem Renaissance [HDIV] (4.0 cr)



- [MUS 3109](#) - Analysis of Popular Music [HUM] (2.0 cr)
- [MUS 3121](#) - Music Technology [FA] (2.0 cr)

Morris Campus

Latin American Area Studies B.A.

M Acad Dean's Admin

Academic Affairs

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 35 to 38
- Degree: Bachelor of Arts

Latin American Area Studies (LAAS) is an interdisciplinary program at Morris. Latin American countries have been our allies, our enemies, our trading partners, and our friends. Our history is entangled with the history of the region south of the US border. We influence their culture, and they influence ours. In LAAS, we study Latin American history and culture using a wide variety of perspectives and methods. When you study in the LAAS discipline you will acquire a basic introduction to Latin American cultures and societies; the means essential to gain an understanding of Latin America and its diverse peoples; and an understanding of Latin America in a comparative perspective.

Objectives:

To provide a basic introduction to the cultures and societies of Latin America, to provide the means essential to gain an understanding of Latin America and its diverse peoples, and to place Latin America in a comparative perspective.

To meet these objectives, three of our core courses engage students in learning about the histories, contemporary events, and research resources on Latin America. In addition, all of our electives courses introduce students to a diversity of significant topics on Latin America, ranging from language proficiency, literature courses on Latin American cultures, issues of social justice, race, gender, migration, development, politics, economics, revolutions, and more. Our Senior Capstone course immerses students in gaining a deeper understanding of selected topics on Latin America. Together, our courses engender greater comprehension of Latin America, language comprehension and communication skills, important analytical skills, greater inter-cultural sensitivity and empathy, and ability to conduct research and compose well-written research papers.

Program Student Learning Outcomes:

1. Students will be able to think critically and communicate effectively, through informed understandings of Latin America, on issues of historical, social, economic, and political processes affecting the region.
2. Students will be able to locate relevant research resources and apply them in conducting research on Latin America.
3. Students will be able to competently compare and contrast the different countries and regions of Latin America from the perspective of its diverse human populations and societies.
4. Students will be able to apply an interdisciplinary perspective to gain a deeper understanding of Latin America.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 4 semester(s) of Spanish.

Students must enroll through the LAAS coordinator.

Students are required to complete Span 1001, 1002 (or 1003), 2001, and 2002 prior to or during enrollment in the major (the

requirement may be waived by testing out of Span 2002).

Students are encouraged to use elective credits to acquaint themselves with as many academic fields of Latin American studies as possible.

Students may have up to a three-course overlap with any other major. Additional overlap must be approved by the LAAS coordinator.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

After enrolling in the major and when in residence, 1 credit per semester in LAAS 3100; up to 4 credits can be applied to the 24-credit elective requirement for the major. With approval of the LAAS coordinator and another faculty member, a capstone experience in a different discipline that contains primarily Latin American content may be wholly or partially substituted for LAAS 4901, but requires completion of four total credits.

[HIST 1601](#) - Latin American History: A Basic Introduction [IP] (4.0 cr)

[LAAS 3100](#) - Contemporary Latin America (1.0 cr)

[LAAS 3201](#) - Bibliographical Tools and Journals in Latin American Area Studies (2.0 cr)

[LAAS 4901](#) - Senior Capstone in Latin American Area Studies (2.0 - 4.0 cr)

Elective Courses

These courses must come from at least three different academic disciplines, not including LAAS. Courses and directed studies not listed below may be approved by the LAAS coordinator, provided the subject matter is appropriate for the major.

Take 24 or more credit(s) from the following:

Foundational Level

Take at most 12 credit(s) from the following:

- [ANTH 2001](#) - How We Study People: Introduction to Methods in Cultural Anthropology [SS] (2.0 cr)
- [ARTH 2107](#) - Global Modernisms: Modern Art in Latin America, Asia, Africa, and Beyond [FA] (4.0 cr)
- [HIST 1822](#) - Age of Atlantic Revolutions [IC] (2.0 cr)
- [HIST 2608](#) - History of Cuba: From Colony to Revolutionary State [HIST] (4.0 cr)
- [HIST 2609](#) - History of Brazil: From Sugar to Sugar Cars [HIST] (4.0 cr)
- [HIST 2616](#) - Environmental History of Latin America [ENVT] (2.0 cr)
- [HUM 3108](#) - Community Interpreting [E/CR] (3.0 cr)
- [IS 2039](#) - Understanding Cuba [IP] (2.0 cr)
- [LAAS 1993](#) - Directed Study (1.0 - 5.0 cr)
- [LAAS 2993](#) - Directed Study (1.0 - 5.0 cr)
- [SPAN 1054](#) - Associated Languages: Introduction to Nahuatl Language [IP] (4.0 cr)
- [SPAN 2121](#) - Associated Languages: Intensive Portuguese [IP] (4.0 cr)
- [SPAN 3011](#) - Conversation, Composition, and Culture [IP] (2.0 cr)
- [SPAN 3012](#) - Spanish Grammar in Practice [IP] (2.0 cr)
- [SPAN 3108](#) - Community Translation and Interpretation for Spanish Speakers (1.0 cr)
- [SPAN 3111](#) - Readings in Spanish I [HUM] (2.0 cr)
- [SPAN 3112](#) - Readings in Spanish II [HUM] (2.0 cr)

Advanced Level

Take 12 or more credit(s) from the following:

- [ANTH 3502](#) - Latinos in the Midwest [SS] (4.0 cr)
- [ANTH 3603](#) - Latin American Archaeology [SS] (4.0 cr)
- [ANTH 3604](#) - Gender and Sexuality in Latin America [IP] (4.0 cr)
- [HIST 3612](#) - Social Revolution in 20th-Century Latin America [HIST] (4.0 cr)
- [HIST 3613](#) - U.S.-Latin American Relations in Historical Perspective [IP] (4.0 cr)
- [HIST 3614](#) - Race and Ethnicity in Latin America [HDIV] (4.0 cr)
- [LAAS 3993](#) - Directed Study (1.0 - 5.0 cr)
- [LAAS 4993](#) - Directed Study (1.0 - 5.0 cr)
- [POL 3475](#) - International Human Rights (4.0 cr)
- [POL 3504](#) - Latin American Politics (4.0 cr)
- [SPAN 3211](#) - Literature and Culture of Latin America [HUM] (4.0 cr)
- [SPAN 3212](#) - Literature and Culture of Spain [HUM] (4.0 cr)
- [SPAN 3651](#) - Seminar: Miguel de Cervantes Saavedra's "El ingenioso hidalgo Don Quijote de la Mancha" [HUM] (4.0 cr)
- [SPAN 3654](#) - Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature [HUM] (4.0 cr)
- [SPAN 3681](#) - Seminar: Romanticism and Revolution in 19th-Century Spain [HUM] (4.0 cr)
- [SPAN 3682](#) - Seminar: Realism and Reform in 19th-Century Spain [HUM] (4.0 cr)
- [SPAN 3683](#) - Seminar: Modernity and Identity in Spain, 1900-1930 [HUM] (4.0 cr)
- [SPAN 3684](#) - Seminar: Hispanic Film [HUM] (4.0 cr)



- [SPAN 3685](#) - Seminar: Slavery and Abolition in Cuban Literature and Culture [IP] (4.0 cr)
- [SPAN 3686](#) - Seminar: Writing History in Spanish American Literature [HUM] (4.0 cr)
- [SPAN 3687](#) - Seminar: Afro-Hispanic Literature and Culture [HDIV] (4.0 cr)
- [SPAN 3690](#) - Seminar: Mexican Cultural Production [HUM] (4.0 cr)
- [SPAN 3691](#) - Seminar: Native Cultural Production of the Americas [HDIV] (4.0 cr)
- [SPAN 3692](#) - Seminar: Nahua Media and Culture [IP] (4.0 cr)
- [SPAN 4001](#) - Research Symposium [HUM] (4.0 cr)

Morris Campus

Latin American Area Studies Minor

M Acad Dean's Admin

Academic Affairs

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 27 to 30

Latin American Area Studies (LAAS) is an interdisciplinary program at Morris. Latin American countries have been our allies, our enemies, our trading partners, and our friends. Our history is entangled with the history of the region south of the US border. We influence their culture and they influence ours. In LAAS, we study Latin American history and culture using a wide variety of perspectives and methods. When you study in the LAAS discipline you will acquire a basic introduction to Latin American cultures and societies; the means essential to gain an understanding of Latin America and its diverse peoples; and an understanding of Latin America in a comparative perspective.

The objectives of an LAAS minor will be to expose more students to important historical and current concerns regarding Latin America. They will meet the same student learning objectives as majors: to acquire 1) A basic introduction to Latin American cultures and societies; 2) the means essential to gain an understanding of Latin America and its diverse peoples; and 3) an understanding of Latin America in a comparative perspective.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Students are required to take 4 semester(s) of Spanish.

Students must enroll through the LAAS coordinator.

Students are required to complete Span 1001, 1002 (or 1003), 2001, and 2002 prior to or during enrollment in the minor (the requirement may be waived by testing out of Span 2002).

Students are encouraged to use elective credits to acquaint themselves with as many academic fields of Latin American studies as possible.

Students may have up to a three-course overlap with any other minor. Additional overlap must be approved by the LAAS coordinator.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

After enrolling in the minor and when in residence, 1 credit per semester in LAAS 3100; up to 4 credits can be applied to the 20-credit elective requirement for the minor.

[HIST 1601](#) - Latin American History: A Basic Introduction [IP] (4.0 cr)

[LAAS 3100](#) - Contemporary Latin America (1.0 cr)

[LAAS 3201](#) - Bibliographical Tools and Journals in Latin American Area Studies (2.0 cr)

Elective Courses

These courses must come from at least three different academic disciplines, not including LAAS. Courses and directed studies not listed below may be approved by the LAAS coordinator, provided the subject matter is appropriate for the minor.

Take 20 or more credit(s) from the following:

Foundational Level

Take at most 12 credit(s) from the following:

- [ANTH 2001](#) - How We Study People: Introduction to Methods in Cultural Anthropology [SS] (2.0 cr)
- [ARTH 2107](#) - Global Modernisms: Modern Art in Latin America, Asia, Africa, and Beyond [FA] (4.0 cr)



- [HIST 1822](#) - Age of Atlantic Revolutions [IC] (2.0 cr)
- [HIST 2608](#) - History of Cuba: From Colony to Revolutionary State [HIST] (4.0 cr)
- [HIST 2609](#) - History of Brazil: From Sugar to Sugar Cars [HIST] (4.0 cr)
- [HIST 2616](#) - Environmental History of Latin America [ENVT] (2.0 cr)
- [HUM 3108](#) - Community Interpreting [E/CR] (3.0 cr)
- [IS 2039](#) - Understanding Cuba [IP] (2.0 cr)
- [LAAS 1993](#) - Directed Study (1.0 - 5.0 cr)
- [LAAS 2993](#) - Directed Study (1.0 - 5.0 cr)
- [SPAN 1054](#) - Associated Languages: Introduction to Nahuatl Language [IP] (4.0 cr)
- [SPAN 2121](#) - Associated Languages: Intensive Portuguese [IP] (4.0 cr)
- [SPAN 3011](#) - Conversation, Composition, and Culture [IP] (2.0 cr)
- [SPAN 3012](#) - Spanish Grammar in Practice [IP] (2.0 cr)
- [SPAN 3108](#) - Community Translation and Interpretation for Spanish Speakers (1.0 cr)
- [SPAN 3111](#) - Readings in Spanish I [HUM] (2.0 cr)
- [SPAN 3112](#) - Readings in Spanish II [HUM] (2.0 cr)
- Advanced Level**
Take 8 or more credit(s) from the following:
 - [ANTH 3502](#) - Latinos in the Midwest [SS] (4.0 cr)
 - [ANTH 3603](#) - Latin American Archaeology [SS] (4.0 cr)
 - [ANTH 3604](#) - Gender and Sexuality in Latin America [IP] (4.0 cr)
 - [HIST 3612](#) - Social Revolution in 20th-Century Latin America [HIST] (4.0 cr)
 - [HIST 3613](#) - U.S.-Latin American Relations in Historical Perspective [IP] (4.0 cr)
 - [HIST 3614](#) - Race and Ethnicity in Latin America [HDIV] (4.0 cr)
 - [LAAS 3993](#) - Directed Study (1.0 - 5.0 cr)
 - [LAAS 4993](#) - Directed Study (1.0 - 5.0 cr)
 - [POL 3475](#) - International Human Rights (4.0 cr)
 - [POL 3504](#) - Latin American Politics (4.0 cr)
 - [SPAN 3211](#) - Literature and Culture of Latin America [HUM] (4.0 cr)
 - [SPAN 3212](#) - Literature and Culture of Spain [HUM] (4.0 cr)
 - [SPAN 3651](#) - Seminar: Miguel de Cervantes Saavedra's "El ingenioso hidalgo Don Quijote de la Mancha" [HUM] (4.0 cr)
 - [SPAN 3654](#) - Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature [HUM] (4.0 cr)
 - [SPAN 3681](#) - Seminar: Romanticism and Revolution in 19th-Century Spain [HUM] (4.0 cr)
 - [SPAN 3682](#) - Seminar: Realism and Reform in 19th-Century Spain [HUM] (4.0 cr)
 - [SPAN 3683](#) - Seminar: Modernity and Identity in Spain, 1900-1930 [HUM] (4.0 cr)
 - [SPAN 3684](#) - Seminar: Hispanic Film [HUM] (4.0 cr)
 - [SPAN 3685](#) - Seminar: Slavery and Abolition in Cuban Literature and Culture [IP] (4.0 cr)
 - [SPAN 3686](#) - Seminar: Writing History in Spanish American Literature [HUM] (4.0 cr)
 - [SPAN 3687](#) - Seminar: Afro-Hispanic Literature and Culture [HDIV] (4.0 cr)
 - [SPAN 3690](#) - Seminar: Mexican Cultural Production [HUM] (4.0 cr)
 - [SPAN 3691](#) - Seminar: Native Cultural Production of the Americas [HDIV] (4.0 cr)
 - [SPAN 3692](#) - Seminar: Nahua Media and Culture [IP] (4.0 cr)
 - [SPAN 4001](#) - Research Symposium [HUM] (4.0 cr)

Morris Campus

Management B.A.

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 58 to 60
- Degree: Bachelor of Arts

This discipline offers a multidisciplinary liberal arts-based program that allows students to enter the field of management as a professional or proceed to graduate studies. The management curriculum focuses on areas of human knowledge that concern the operation and control of business and nonprofit organizations. In addition to developing competence in analytical and core business areas, students majoring in the field are expected to learn to critically examine business and other institutions from a liberal arts perspective.

Program Student Learning Outcomes

The curriculum is designed to ensure that students will be able to:

1. describe and identify the economic context for business and organizational decision making.
2. apply, compare, and contrast different methods and approaches for managing financial, human, and material resources.
3. explain the nature and functioning of the financial system.
4. describe the nature of the global business environment.
5. communicate business, accounting, and managerial knowledge both orally and in writing.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Students intending on going to graduate school are strongly recommended to take MATH 1101-1102. Students are also recommended to take PHIL 2112, if not required to do so. Prospective majors should see a management faculty member before registering for classes. Consultation with an advisor is essential to program planning.

Requirements for the major include successful completion of each of the following four elements:

1. The management core
2. The 3000-level elective management block
3. The elective management capstone block
4. A program sub-plan in either Financial and Organizational Management (F&OM) or Global Business (GB)

Grades of D or D+ in MGMT 2101-2102, ECON 1111-1112, STAT 1601 or 2601 may not be used to meet the major requirements.

Up to 4 credits of other coursework with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of credits of A or B. No coursework for the major may be taken S-N unless offered S-N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

No more than 4 credits from each of the following can be applied to the major: ECON 4501 - Senior Research Seminar in Economics

and Management, MGMT x993 - Directed Study.

Element 1: The Management Core

Students must successfully complete all of the courses below in order to satisfy this element of the major.

Students should complete all but ECON 3113 and MGMT 3601 during their first two years.

[ECON 1111](#) - Principles of Microeconomics [SS] (4.0 cr)

[ECON 1112](#) - Principles of Macroeconomics [SS] (4.0 cr)

[ECON 3113](#) - Money, Banking, and Financial Markets (4.0 cr)

[MGMT 2101](#) - Principles of Accounting I (4.0 cr)

[MGMT 3601](#) - Transnational Enterprise [IP] (4.0 cr)

[STAT 1601](#) - Introduction to Statistics [M/SR] (4.0 cr)

or [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)

[CMR 1042](#) - Public Speaking and Analysis [E/CR] (4.0 cr)

Element 2: 3000-level Elective Management Block

Students must successfully complete 8 or more credits from the list below, exclusive of coursework used to satisfy sub-plan requirements.

Take 8 or more credit(s) from the following:

• [ECON 3005](#) - Experimental and Behavioral Economics I (2.0 cr)

• [ECON 3006](#) - Experimental and Behavioral Economics II (2.0 cr)

• [ECON 3007](#) - Environmental and Natural Resource Economics I [ENVT] (2.0 cr)

• [ECON 3008](#) - Environmental and Natural Resource Economics II [ENVT] (2.0 cr)

• [ECON 3009](#) - Political Economy (4.0 cr)

• [ECON 3014](#) - Game Theory: The Theory of Strategic Behavior I (2.0 cr)

• [ECON 3015](#) - Game Theory: The Theory of Strategic Behavior II (2.0 cr)

• [ECON 3121](#) - Public Economics I (2.0 cr)

• [ECON 3122](#) - Public Economics II (2.0 cr)

• [ECON 3131](#) - Comparative Economic Systems [IP] (2.0 cr)

• [ECON 3134](#) - Cooperative Business Model (2.0 cr)

• [ECON 3136](#) - Economics of the Green Power Transition: New Business Models and Regulatory Strategies [ENVT] (2.0 cr)

• [ECON 3141](#) - Economic Growth and Development I [IP] (2.0 cr)

• [ECON 3142](#) - Economic Growth and Development II [IP] (2.0 cr)

• [ECON 3172](#) - Strategic Firm Interaction and Market Structures (4.0 cr)

• [ECON 3173](#) - Health Care Economics (4.0 cr)

• [ECON 3202](#) - Macroeconomic Theory (4.0 cr)

• [ECON 3211](#) - History of Economic Thought I [HIST] (2.0 cr)

• [ECON 3212](#) - History of Economic Thought II [HIST] (2.0 cr)

• [ECON 3501](#) - Introduction to Econometrics [M/SR] (4.0 cr)

• [ECON 3993](#) - Directed Study (1.0 - 5.0 cr)

• [ENST 3101](#) - Industrial Ecology (4.0 cr)

• [MGMT 3101](#) - Financial Management (4.0 cr)

• [MGMT 3102](#) - Financial Institutions (2.0 cr)

• [MGMT 3133](#) - Managerial Accounting (4.0 cr)

• [MGMT 3134](#) - Cooperative Business Model (2.0 cr)

• [MGMT 3141](#) - Business Law: The Legal Environment of Business (2.0 cr)

• [MGMT 3142](#) - Business Law: Sales Law, Commercial Paper, and Forms of Business (2.0 cr)

• [MGMT 3151](#) - Human Resources Management I [E/CR] (2.0 cr)

• [MGMT 3152](#) - Human Resources Management II [HDIV] (2.0 cr)

• [MGMT 3201](#) - Marketing Principles and Strategy (4.0 cr)

• [MGMT 3221](#) - Management and Organization Theory (4.0 cr)

• [MGMT 3503](#) - Consumer Behavior [SS] (4.0 cr)

• [MGMT 3513](#) - Negotiation (4.0 cr)

• [MGMT 3701](#) - Organizational Behavior [SS] (4.0 cr)

• [MGMT 3993](#) - Directed Study (1.0 - 5.0 cr)

• [PSY 3503](#) - Consumer Behavior [SS] (4.0 cr)

• [ECON 3201](#) - Microeconomic Theory (4.0 cr)

or [MGMT 3123](#) - Managerial Economics (4.0 cr)

Element 3: Elective Management Capstone Block

Students must successfully complete 4 or more credits from the list below. Only two credits of Mgmt 4896 can be applied to the major.

Take 4 or more credit(s) from the following:

• [ECON 4101](#) - Labor Economics I [HDIV] (2.0 cr)

• [ECON 4102](#) - Labor Economics II (2.0 cr)

• [ECON 4111](#) - Mathematical Economics I (2.0 cr)



- ECON 4112 - Mathematical Economics II (2.0 cr)
- ECON 4121 - International Trade Theory (2.0 cr)
- ECON 4131 - International Finance (2.0 cr)
- ECON 4141 - Empirics of Economic Growth (2.0 cr)
- ECON 4201 - Foundations of Microeconomic Theory (4.0 cr)
- ECON 4501 - Senior Research Seminar in Economics and Management (2.0 cr)
- ECON 4502 - Advanced Research Seminar in Economics and Management (2.0 cr)
- ECON 4993 - Directed Study (1.0 - 5.0 cr)
- MGMT 4101 - Investment and Portfolio Analysis (4.0 cr)
- MGMT 4201 - The Economics of Corporate Strategy I (2.0 cr)
- MGMT 4202 - The Economics of Corporate Strategy II (2.0 cr)
- MGMT 4501 - Globalization and Business Strategy (2.0 cr)
- MGMT 4502 - Technological Change, Labor Market, and Skill Formation (2.0 cr)
- MGMT 4896 - Internship (1.0 - 4.0 cr)
- MGMT 4993 - Directed Study (1.0 - 5.0 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans.

Financial and Organizational Management (F&OM)

The financial and organizational management (F&OM) sub-plan requires completion of the following elements:

1. The F&OM required courses block
2. The F&OM elective courses block

F&OM Sub-Plan Element 1: The F&OM Required Courses Block

Students must successfully complete the list of courses below.

- MGMT 2102 - Principles of Accounting II (2.0 cr)
- MGMT 3101 - Financial Management (4.0 cr)
- MGMT 3701 - Organizational Behavior [SS] (4.0 cr)
- MGMT 3123 - Managerial Economics (4.0 cr)
or ECON 3201 - Microeconomic Theory (4.0 cr)
- MATH 1021 - Survey of Calculus [M/SR] (4.0 cr)
or MATH 1101 - Calculus I [M/SR] (5.0 cr)

F&OM Sub-Plan Element 2: The F&OM Elective Courses Block

Take 4 or more credit(s) from the following:

- CSCI 1251 - Computational Data Management and Manipulation [M/SR] (4.0 cr)
- PHIL 2112 - Professional Ethics [E/CR] (4.0 cr)

Global Business

The global business (GB) sub-plan requires completion of the following elements:

1. The GB language block
2. The GB skills and perspectives block
3. The GB general electives block

GB Sub-Plan Element 1: The GB Language Block

Students must complete 8 credits of French, German, Spanish, or other approved language of international commerce at 2xxx level or above.

GB Sub-Plan Element 2: The Skills and Perspectives Block

Take 8 or more credit(s) from the following:

- CSCI 1251 - Computational Data Management and Manipulation [M/SR] (4.0 cr)
- MATH 1021 - Survey of Calculus [M/SR] (4.0 cr)
or MATH 1101 - Calculus I [M/SR] (5.0 cr)
- PHIL 2112 - Professional Ethics [E/CR] (4.0 cr)

GB Sub-Plan Element 3: The GB General Electives Block

Take 6 or more credit(s) from the following:

- ECON 3009 - Political Economy (4.0 cr)
- ECON 3131 - Comparative Economic Systems [IP] (2.0 cr)
- ECON 3141 - Economic Growth and Development I [IP] (2.0 cr)
- ECON 3142 - Economic Growth and Development II [IP] (2.0 cr)
- ECON 4121 - International Trade Theory (2.0 cr)
- ECON 4131 - International Finance (2.0 cr)
- MGMT 4501 - Globalization and Business Strategy (2.0 cr)
- MGMT 4502 - Technological Change, Labor Market, and Skill Formation (2.0 cr)

Morris Campus

Management Minor

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 26

This discipline offers a multidisciplinary liberal arts-based program that allows students to enter the field of management as a professional or proceed to graduate studies. The management curriculum focuses on areas of human knowledge that concern the operation and control of business and nonprofit organizations. In addition to developing competence in analytical and core business areas, students majoring in the field are expected to learn to critically examine business and other institutions from a liberal arts perspective.

Program Student Learning Outcomes

The curriculum is designed to ensure that students:

1. describe and identify economic context for business and organizational decision making.
2. apply, compare, and contrast different methods and approaches for managing financial, human, and material resources.
3. explain the nature and functioning of the financial system.
4. describe the nature of the global business environment.
5. communicate business, accounting, and managerial knowledge both orally and in writing.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Grades of D or D+ in MGMT 2101-2102 or ECON 1111-1112 may not be used to meet minor requirements.

[ECON 1111](#) - Principles of Microeconomics [SS] (4.0 cr)

[ECON 1112](#) - Principles of Macroeconomics [SS] (4.0 cr)

[MGMT 2101](#) - Principles of Accounting I (4.0 cr)

[MGMT 2102](#) - Principles of Accounting II (2.0 cr)

Elective Courses

No more than 4 credits from MGMT x993 - Directed Study can be applied to the minor.

Take 12 or more credit(s) from the following:

- [MGMT 3101](#) - Financial Management (4.0 cr)
- [MGMT 3102](#) - Financial Institutions (2.0 cr)
- [MGMT 3123](#) - Managerial Economics (4.0 cr)
- [MGMT 3133](#) - Managerial Accounting (4.0 cr)
- [MGMT 3134](#) - Cooperative Business Model (2.0 cr)
- [MGMT 3141](#) - Business Law: The Legal Environment of Business (2.0 cr)
- [MGMT 3142](#) - Business Law: Sales Law, Commercial Paper, and Forms of Business (2.0 cr)
- [MGMT 3151](#) - Human Resources Management I [E/CR] (2.0 cr)
- [MGMT 3152](#) - Human Resources Management II [HDIV] (2.0 cr)
- [MGMT 3201](#) - Marketing Principles and Strategy (4.0 cr)
- [MGMT 3221](#) - Management and Organization Theory (4.0 cr)
- [MGMT 3503](#) - Consumer Behavior [SS] (4.0 cr)
- [MGMT 3513](#) - Negotiation (4.0 cr)
- [MGMT 3601](#) - Transnational Enterprise [IP] (4.0 cr)
- [MGMT 3701](#) - Organizational Behavior [SS] (4.0 cr)
- [MGMT 3993](#) - Directed Study (1.0 - 5.0 cr)



- MGMT 3xxx
- MGMT 4101 - Investment and Portfolio Analysis (4.0 cr)
- MGMT 4201 - The Economics of Corporate Strategy I (2.0 cr)
- MGMT 4202 - The Economics of Corporate Strategy II (2.0 cr)
- MGMT 4501 - Globalization and Business Strategy (2.0 cr)
- MGMT 4502 - Technological Change, Labor Market, and Skill Formation (2.0 cr)
- MGMT 4896 - Internship (1.0 - 4.0 cr)
- MGMT 4993 - Directed Study (1.0 - 5.0 cr)
- MGMT 4xxx

Morris Campus

Mathematics B.A.

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 52
- Degree: Bachelor of Arts

Objectives--The mission of the discipline is to advance knowledge of mathematics by teaching mathematics and its processes, by research in mathematics and mathematical pedagogy, and by dissemination of this knowledge to students and the community we serve.

Historically, the study of mathematics has been central to a liberal arts education. The mathematics curriculum serves as an integral part of students' active pursuit of a liberal arts education. The mathematics program serves students who major or minor in mathematics, seek secondary mathematics teaching licensure, major or minor in programs that require a mathematical background, or wish to fulfill components of a general education.

The mathematics curriculum is designed to help students develop competence in problem-solving, mathematical techniques and methods; to sharpen students' mathematical intuition and abstract reasoning, as well as their quantitative literacy. The curriculum is also designed to encourage and stimulate the type of independent and critical thinking required for research beyond the confines of the textbook. It provide students with the basic knowledge and skills to make mathematical contributions to modern society. The mathematics program enables students to do in-depth and independent mathematics-related research projects that require students to integrate their mathematical knowledge from different areas, and to enhance their communication skills by way of written reports and oral presentations. The program seeks to enable students to observe and communicate how the development of mathematics has been part of historical and current cultural and scientific developments. The curriculum prepares students to enter graduate school, pursue careers in applied mathematics, or teach mathematics.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced. Courses may not be taken S-N unless offered S-N only. Up to 5 credits of coursework with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of credits of B- or above in courses at or above 2xxx. Exceptions to requirements may be granted on an individual basis, after consulting with the math faculty.

Majors should begin with MATH 1012 - PreCalculus I or MATH 1013 - PreCalculus II or MATH 1101 - Calculus I. Students with questions about placement are encouraged to discuss them with members of the mathematics faculty.

Recommended electives for students planning to pursue graduate work in pure mathematics:

MATH 3222 - Complex Analysis
MATH 4211 - Real Analysis
MATH 4221 - Topology
MATH 4231 - Abstract Algebra II



MATH 4241 - Number Theory
MATH 4252 - Differential Geometry
MATH 4253 - Combinatorics

Recommended electives for students planning to work or pursue graduate work in applied mathematics or related fields:

MATH 2401 - Differential Equations
MATH 2452 - Mathematical Modeling
MATH 3401 - Operations Research
MATH 3411 - Discrete and Combinatorial Mathematics
MATH 4401 - Numerical Methods With Applications in Mathematical Modeling

Residency Requirement

Students must complete a minimum of three 3xxx or higher math courses at UMM.

Required Courses

MATH 1101 - Calculus I [M/SR] (5.0 cr)
MATH 1102 - Calculus II [M/SR] (5.0 cr)
MATH 2101 - Calculus III [M/SR] (4.0 cr)
MATH 2202 - Mathematical Perspectives [M/SR] (4.0 cr)
MATH 3111 - Linear Algebra (4.0 cr)
MATH 3221 - Real Analysis I (4.0 cr)
MATH 3231 - Abstract Algebra I (4.0 cr)
MATH 4901 - Senior Seminar (2.0 cr)

Take 1 or more course(s) from the following:

- MATH 2401 - Differential Equations [M/SR] (4.0 cr)
- MATH 2452 - Introduction to Mathematical Modeling (4.0 cr)
- MATH 3401 - Operations Research (4.0 cr)
- MATH 3411 - Discrete and Combinatorial Mathematics (4.0 cr)
- MATH 4401 - Numerical Methods with Applications in Mathematical Modeling (4.0 cr)

Take 4 or more credit(s) from the following:

- MATH 2xxx
- MATH 3xxx
- MATH 4xxx

Take 1 or more course(s) from the following:

- CSCI 1201 - Introduction to Digital Media Computation [M/SR] (4.0 cr)
- CSCI 1301 - Problem Solving and Algorithm Development [M/SR] (4.0 cr)

Take 1 or more course(s) from the following:

- STAT 2601 - Statistical Methods [M/SR] (4.0 cr)
- STAT 2611 - Mathematical Statistics [M/SR] (4.0 cr)

Mathematical Applications Course

Take 1 or more course(s) from the following:

- CHEM 3501 - Physical Chemistry: Thermodynamics [SCI] (4.0 cr)
- CSCI 2101 - Data Structures [M/SR] (5.0 cr)
- CSCI 3413 - Computing Systems: Concepts (3.0 cr)
- CSCI 3501 - Algorithms and Computability (5.0 cr)
- CSCI 3601 - Software Design and Development (5.0 cr)
- ECON 3201 - Microeconomic Theory (4.0 cr)
- ECON 3202 - Macroeconomic Theory (4.0 cr)
- ECON 3501 - Introduction to Econometrics [M/SR] (4.0 cr)
- ECON 4111 - Mathematical Economics I (2.0 cr)
- ECON 4112 - Mathematical Economics II (2.0 cr)
- GEOL 3401 - Geophysics [SCI] (4.0 cr)
- GEOL 3501 - Hydrology [SCI] (4.0 cr)
- PHIL 1102 - Introduction to Symbolic Logic [M/SR] (4.0 cr)
- PHYS 1101 - General Physics I [SCI-L] (5.0 cr)
- PHYS 1102 - General Physics II [SCI-L] (5.0 cr)
- PHYS 2101 - Modern Physics [SCI-L] (4.0 cr)
- PHYS 3101 - Classical Mechanics [SCI] (4.0 cr)
- PHYS 3301 - Optics (4.0 cr)
- PHYS 4101 - Electromagnetism (4.0 cr)
- PHYS 4201 - Quantum Mechanics (4.0 cr)
- STAT 3601 - Data Analysis [M/SR] (4.0 cr)
- STAT 3611 - Multivariate Statistical Analysis [M/SR] (4.0 cr)



- [STAT 4601](#) - Biostatistics (4.0 cr)



Morris Campus

Mathematics Minor

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 26

The mission of the discipline is to advance knowledge of mathematics by teaching mathematics and its processes, by research in mathematics and mathematical pedagogy, and by dissemination of this knowledge to students and the community we serve.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Courses may not be taken S-N unless offered S-N only. Up to 5 credits of coursework with a grade of D or D+ may be used to meet the minor requirements if offset by an equivalent number of credits of B- or above in courses at or above the 2XXX level.

The GPA in these courses must be at least 2.00.

Required Courses

[MATH 1101](#) - Calculus I [M/SR] (5.0 cr)

[MATH 1102](#) - Calculus II [M/SR] (5.0 cr)

[MATH 3111](#) - Linear Algebra (4.0 cr)

Elective Courses

Take 12 or more credit(s) from the following:

- [MATH 2101](#) - Calculus III [M/SR] (4.0 cr)
- [MATH 2202](#) - Mathematical Perspectives [M/SR] (4.0 cr)
- [MATH 2211](#) - History of Mathematics (4.0 cr)
- [MATH 2212](#) - Introduction to Knot Theory [M/SR] (4.0 cr)
- [MATH 2401](#) - Differential Equations [M/SR] (4.0 cr)
- [MATH 2452](#) - Introduction to Mathematical Modeling (4.0 cr)
- [MATH 2501](#) - Probability and Stochastic Processes [M/SR] (4.0 cr)
- [MATH 3211](#) - Geometry [M/SR] (4.0 cr)
- [MATH 3221](#) - Real Analysis I (4.0 cr)
- [MATH 3222](#) - Complex Analysis (2.0 cr)
- [MATH 3231](#) - Abstract Algebra I (4.0 cr)
- [MATH 3401](#) - Operations Research (4.0 cr)
- [MATH 3411](#) - Discrete and Combinatorial Mathematics (4.0 cr)
- [MATH 4211](#) - Real Analysis II (2.0 cr)
- [MATH 4221](#) - Topology (2.0 cr)
- [MATH 4231](#) - Abstract Algebra II (2.0 cr)
- [MATH 4241](#) - Number Theory (2.0 cr)
- [MATH 4252](#) - Differential Geometry (2.0 cr)
- [MATH 4253](#) - Combinatorics (2.0 cr)
- [MATH 4401](#) - Numerical Methods with Applications in Mathematical Modeling (4.0 cr)
- One of the courses below can be chosen to fulfill 4 elective credits for the math minor
 - [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)
 - or [STAT 2611](#) - Mathematical Statistics [M/SR] (4.0 cr)



Morris Campus

Medieval and Ancient Studies B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 36 to 40
- Degree: Bachelor of Arts

Medieval and Ancient Studies (MAS) is an interdisciplinary major and minor in the humanities division, administered by the medieval studies faculty and the chair of the humanities division.

Medieval Studies examines primarily European literature and culture from roughly 500 to 1500 CE. Ancient Studies examines the languages, literatures, cultures, and material remains of human societies from roughly 3000 BCE to 500 CE. The two overlapping fields include anthropology, archaeology, art history, English, history, math, philosophy, political science, theatre, music, world languages, and areas such as gender and religion with historical roots in ancient and classical periods and Byzantine cultures. These fields provide an opportunity for students to think synthetically across disciplines.

Coursework in Medieval Studies enhances understanding of artistic and material relics of the Middle Ages (manuscripts, cookbooks, Gothic cathedrals, Crusader castles, and picturesque towns cramped within ancient walls) and many of the foundational choices that have made the world what it is today, for good and ill. Many current challenges in the fields of Western law, human rights, attitudes toward power, authority, gender relations, and sexual mores derive from the ways in which these were viewed a millennium ago.

Coursework in Ancient Studies enhances understanding of literary and material relics of the ancient world on all continents: the languages and cultures of the Americas prior to European colonization, Greek dramas, Roman mosaics, classical Latin, the writings of Plato and Aristotle, prehistoric cultures of Asia and Africa, and ancient Athenian democracy. The cultures of the ancient world built the foundations of art, thought, literature, architecture, religion, and politics on which much of the modern world still rests, for better or worse.

Program Student Learning Outcomes

Students explore implications and intersections of products of the medieval world across disciplinary, chronological, and geographical barriers. The medieval studies major prepares students for graduate study in many academic fields as well as internship and career opportunities from museum curating to education, law, and data analysis.

In the core courses for the medieval studies major, students develop:

Familiarity with diverse methodologies and critical paradigms to analyze, interpret, and synthesize various types of evidence for the medieval period

Reading, writing skills, and critical thinking skills

Skills for reading medieval primary texts in their original language

Analytical skills in art history, history, and literature while studying how the past, including language, is not a fixed entity

Familiarity with range of medieval culture, language, and thought to allow meaningful exploration of the human experience in the Middle Ages and Antiquity

Insight into the construction of belief, culture, and knowledge in the Middle Ages as reflective of personal and social contexts

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of Latin.

Students must complete a significant amount of coursework in Medieval and Ancient studies at UMN Morris, but are also strongly encouraged to study abroad or on other campuses. In order to count study abroad toward the major, all students must procure formal approval of coursework from the Medieval and Ancient Studies steering committee prior to departure. (Typically, no more than 9 credits for one semester abroad or 16 credits for a year abroad may count toward the major.) Students interested in a foreign study experience may complete Engl 3163 in York, England; Hum 1006 in Rome, Italy; or IS 3053; offered periodically in summer terms. Other study abroad programs may be considered toward this degree program in consultation with the Medieval and Ancient Studies faculty.

Medieval and Ancient Studies is by nature interdisciplinary. Students are responsible for developing a coherent program from the elective choices available. Work with a Medieval and Ancient Studies faculty member to see how a careful selection of your General Education courses can enhance your knowledge of the field. Program faculty strongly recommend at least one year of study in another world language in addition to Latin.

No grades below C- may count toward the Medieval and Ancient Studies major. Only 4 credits may be taken S/N unless other courses are offered S/N only. No more than 60% of courses toward the MAS major may come from a single discipline.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Lat 1002 requires Lat 1001 as a prerequisite. One or both courses may be satisfied through a proctored proficiency exam or transfer credit. Students who begin their Morris careers beyond Latin 1002 earn a four-credit exemption from the major.

[LAT 1002](#) - Beginning Latin II [WL] (4.0 cr)

Take exactly 3 course(s) from the following:

- [ARTH 1111](#) - Ancient to Medieval Art [FA] (4.0 cr)
- [ENGL 3021](#) - Grammar and Language [HUM] (4.0 cr)
- [FREN 3002](#) - MEMS: Civilization and Composition: Tools for Studying the Medieval and Early Modern Periods [HIST] (2.0 cr)
- [GER 3101](#) - Introduction to German Literature and Culture [HUM] (4.0 cr)
- [HIST 2103](#) - Medieval Europe [HIST] (4.0 cr)
- [HIST 2108](#) - Ancient Greek and Roman History [HIST] (4.0 cr)
- [POL 3351](#) - Ancient and Medieval Political Thought [HUM] (4.0 cr)

Advanced Seminar (4000-level capstone on a Medieval Topic (2-4 cr))

Consult with one of the Medieval and Ancient Studies faculty to choose this course; it may be in any discipline as long as it is in accordance with the approval from the Medieval and Ancient Studies faculty.

Elective Courses

Courses used to meet the elective requirement are exclusive of any used to complete the required courses. No more than four credits of an x993 course (directed study) will be accepted toward the major.

Instructors of courses requiring prerequisites within a discipline may admit students who have taken a similar level course in a comparable discipline.

Take 20 or more credit(s) from the following:

Limited Electives

Take at most 8 credit(s) from the following:

- [ANTH 1103](#) - People of the Past: Introduction to Archaeology [SS] (4.0 cr)
- [ARTH 1111](#) - Ancient to Medieval Art [FA] (4.0 cr)
- [ARTH 2104](#) - Irish Art and Archaeology [FA] (4.0 cr)
- [ENGL 1205](#) - Survey of British Literature to the 18th Century [HUM] (4.0 cr)
- [ENGL 2033](#) - The Bible and Literature [HUM] (4.0 cr)
- [ENGL 3021](#) - Grammar and Language [HUM] (4.0 cr)
- [FREN 1803](#) - Fairies and Warriors: Medieval Legends and Fictions [IC] (2.0 cr)
- [FREN 1804](#) - Medieval Myths, Religions, and Fantasy through Literature [IC] (4.0 cr)
- [FREN 3002](#) - MEMS: Civilization and Composition: Tools for Studying the Medieval and Early Modern Periods [HIST] (2.0 cr)
- [HIST 1501](#) - Introduction to East Asian History: China, Japan, and Korea before 1800. [HIST] (4.0 cr)
- [HIST 2103](#) - Medieval Europe [HIST] (4.0 cr)
- [HIST 2108](#) - Ancient Greek and Roman History [HIST] (4.0 cr)
- [HUM 1002](#) - Norse Saga [HUM] (4.0 cr)
- [HUM 1006](#) - From the Caesars to the Saints: Walking Ancient Rome [HIST] (4.0 cr)
- [HUM 1051](#) - Greek Drama [HUM] (4.0 cr)
- [MATH 2211](#) - History of Mathematics (4.0 cr)
- [MUS 1155](#) - Foundations in Music History I: Ancient to 1750 [HIST] (2.0 cr)



- MUS 2403 - Choral Traditions and Literature [FA] (2.0 cr)
- MUS 3108 - Intellectual Foundations of Western Music [HUM] (2.0 cr)
- NAIS 1002 - Beginning Dakota Language II [WL] (5.0 cr)
- NAIS 1012 - Beginning Anishinaabe Language II [WL] (4.0 cr)
- NAIS 1054 - Associated Languages: Introduction to Nahuatl Language [IP] (4.0 cr)
- SPAN 1054 - Associated Languages: Introduction to Nahuatl Language [IP] (4.0 cr)
- TH 3101 - World Theatre: History and Literature I [FA] (4.0 cr)

Unlimited Electives

Take 12 or more credit(s) from the following:

- ANTH 3455 - North American Archaeology [SS] (4.0 cr)
- ANTH 3461 - Archaeology of Eurasia and Africa [SS] (4.0 cr)
- ARTH 3112 - Faith, Image, and Power: Art and the Byzantine Empire [FA] (4.0 cr)
- ARTH 3113 - Early Islamic Art and Culture [FA] (4.0 cr)
- ARTH 3132 - Castles and Cathedrals [FA] (4.0 cr)
- ENGL 3043 - Medieval Makings of Tolkien's Worlds (4.0 cr)
- ENGL 3163 - Life in a Medieval City: Literature and Culture in York, 700-1500 [HUM] (4.0 cr)
- ENGL 4004 - Research Seminar: Old English Literature and Language (4.0 cr)
- FREN 3402 - Medieval and Early Modern Studies: Pre-Enlightenment Culture in France (2.0 - 4.0 cr)
- FREN 3406 - Medieval and Early Modern Studies: Emotional Extremes in Medieval and Early Modern Literature (4.0 cr)
- FREN 3407 - Medieval and Early Modern Studies: The "East" and its Marvels (2.0 - 4.0 cr)
- FREN 3408 - Medieval and Early Modern Studies: Quests, Quails, and Custards--Food in Life and Literature (2.0 - 4.0 cr)
- FREN 3410 - Medieval and Early Modern Studies: Troubadours and Old Occitan: Creative Writing in the Middle Ages [HUM] (4.0 cr)
- FREN 3411 - Medieval and Early Modern Studies: Medieval and Renaissance Bodies (4.0 cr)
- GER 3702 - Martial Masculinities: Manhood and Aggression in German Literature and Culture [HUM] (4.0 cr)
- GER 4001 - German Civilization I [HIST] (4.0 cr)
- HIST 3207 - The Crusades [IP] (4.0 cr)
- IS 3053 - Irish Texts and Contexts [ENVT] (4.0 cr)
- IS 3215H - Honors: Sagas before the Fall: Culture, Climate, and Collapse in Medieval Iceland [ENVT] (2.0 cr)
- IS 3242H - Honors: Two Cosmological Poets: Dante and Lucretius [IP] (2.0 cr)
- IS 3248H - Honors: Art and History of the Crusades [FA] (2.0 cr)
- LAT 2001 - Intermediate Latin Prose [IP] (4.0 cr)
- LAT 2002 - Intermediate Latin Poetry [HUM] (4.0 cr)
- NAIS 2011 - Intermediate Anishinaabe Language I [HUM] (4.0 cr)
- NAIS 2012 - Intermediate Anishinaabe Language II [HUM] (4.0 cr)
- PHIL 3151 - History of Ancient Philosophy [HIST] (4.0 cr)
- POL 3351 - Ancient and Medieval Political Thought [HUM] (4.0 cr)

Morris Campus

Medieval and Ancient Studies Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 22 to 24

Medieval and Ancient Studies (MAS) is an interdisciplinary major and minor in the humanities division, administered by the medieval studies faculty and the chair of the humanities division.

Medieval Studies examines primarily European literature and culture from roughly 500 to 1500 CE. Ancient Studies examines the languages, literatures, cultures, and material remains of human societies from roughly 3000 BCE to 500 CE. The two overlapping fields include anthropology, archaeology, art history, English, history, math, philosophy, political science, theatre, music, world languages, and areas such as gender and religion with historical roots in ancient and classical periods and Byzantine cultures. These fields provide an opportunity for students to think synthetically across disciplines.

Coursework in Medieval Studies enhances understanding of artistic and material relics of the Middle Ages (manuscripts, cookbooks, Gothic cathedrals, Crusader castles, and picturesque towns cramped within ancient walls) and many of the foundational choices that have made the world what it is today, for good and ill. Many current challenges in the fields of Western law, human rights, attitudes toward power, authority, gender relations, and sexual mores derive from the ways in which these were viewed a millennium ago.

Coursework in Ancient Studies enhances understanding of literary and material relics of the ancient world on all continents: the languages and cultures of the Americas prior to European colonization, Greek dramas, Roman mosaics, classical Latin, the writings of Plato and Aristotle, prehistoric cultures of Asia and Africa, and ancient Athenian democracy. The cultures of the ancient world built the foundations of art, thought, literature, architecture, religion, and politics on which much of the modern world still rests, for better or worse.

Program Student Learning Outcomes

Students explore implications and intersections of products of the medieval world across disciplinary, chronological, and geographical barriers. The medieval studies major prepares students for graduate study in many academic fields as well as internship and career opportunities from museum curating to education, law, and data analysis.

In the core courses for the medieval studies major, students develop:

Familiarity with diverse methodologies and critical paradigms to analyze, interpret, and synthesize various types of evidence for the medieval period

Reading, writing skills, and critical thinking skills

Skills for reading medieval primary texts in their original language

Analytical skills in art history, history, and literature while studying how the past, including language, is not a fixed entity

Familiarity with range of medieval culture, language, and thought to allow meaningful exploration of the human experience in the Middle Ages and Antiquity

Insight into the construction of belief, culture, and knowledge in the Middle Ages as reflective of personal and social contexts

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Students must complete a significant amount of coursework in Medieval and Ancient Studies at UMN Morris, but are also strongly encouraged to study abroad or on other campuses. In order to count study abroad toward the minor, all students must procure formal approval of coursework from the Medieval and Ancient Studies steering committee prior to departure. Students interested in a foreign study experience may complete Engl 3163 in York, England; Hum 1006 in Rome, Italy; or IS 3053; offered periodically in summer terms. Other study abroad programs may be considered toward this degree program in consultation with the Medieval and Ancient Studies faculty.

Medieval and Ancient studies is by nature interdisciplinary. Students are responsible for developing a coherent program from the elective choices available. Work with a Medieval and Ancient Studies faculty member to see how a careful selection of your General Education courses can enhance your knowledge of the field. Program faculty strongly recommend at least one year of study in another

world language in addition to Latin.

No grades below C- may count toward the Medieval and Ancient Studies minor. Courses may not be taken S-N unless offered S-N only. No more than 60% of courses toward the MAS minor may come from a single discipline.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Lat 1002 requires Lat 1001 as a prerequisite. One or both courses may be satisfied through a proctored proficiency exam or transfer credit.

LAT 1002 - Beginning Latin II [WL] (4.0 cr)

Take exactly 3 course(s) from the following:

- ARTH 1111** - Ancient to Medieval Art [FA] (4.0 cr)
- ENGL 3021** - Grammar and Language [HUM] (4.0 cr)
- FREN 3002** - MEMS: Civilization and Composition: Tools for Studying the Medieval and Early Modern Periods [HIST] (2.0 cr)
- GER 3101** - Introduction to German Literature and Culture [HUM] (4.0 cr)
- HIST 2103** - Medieval Europe [HIST] (4.0 cr)
- POL 3351** - Ancient and Medieval Political Thought [HUM] (4.0 cr)
- HIST 2108** - Ancient Greek and Roman History [HIST] (4.0 cr)

Elective Courses

Courses used to meet the elective requirement are exclusive of any used to complete the required courses. No more than four credits of an x993 course (directed study) will be accepted toward the major. At least 3 credits must be at the 3xxx level or higher.

Instructors of courses requiring prerequisites within a discipline may admit students who have taken a similar level course in a comparable discipline.

Take 8 or more credit(s) from the following:

Limited Electives

Take at most 4 credit(s) from the following:

- ANTH 1103** - People of the Past: Introduction to Archaeology [SS] (4.0 cr)
- ARTH 1111** - Ancient to Medieval Art [FA] (4.0 cr)
- ARTH 2104** - Irish Art and Archaeology [FA] (4.0 cr)
- ENGL 1205** - Survey of British Literature to the 18th Century [HUM] (4.0 cr)
- ENGL 2033** - The Bible and Literature [HUM] (4.0 cr)
- ENGL 3021** - Grammar and Language [HUM] (4.0 cr)
- FREN 1803** - Fairies and Warriors: Medieval Legends and Fictions [IC] (2.0 cr)
- FREN 1804** - Medieval Myths, Religions, and Fantasy through Literature [IC] (4.0 cr)
- FREN 3002** - MEMS: Civilization and Composition: Tools for Studying the Medieval and Early Modern Periods [HIST] (2.0 cr)
- HIST 1501** - Introduction to East Asian History: China, Japan, and Korea before 1800. [HIST] (4.0 cr)
- HIST 2103** - Medieval Europe [HIST] (4.0 cr)
- HIST 2108** - Ancient Greek and Roman History [HIST] (4.0 cr)
- HUM 1002** - Norse Saga [HUM] (4.0 cr)
- HUM 1006** - From the Caesars to the Saints: Walking Ancient Rome [HIST] (4.0 cr)
- HUM 1051** - Greek Drama [HUM] (4.0 cr)
- MATH 2211** - History of Mathematics (4.0 cr)
- MUS 1155** - Foundations in Music History I: Ancient to 1750 [HIST] (2.0 cr)
- MUS 2403** - Choral Traditions and Literature [FA] (2.0 cr)
- MUS 3108** - Intellectual Foundations of Western Music [HUM] (2.0 cr)
- NAIS 1002** - Beginning Dakota Language II [WL] (5.0 cr)
- NAIS 1012** - Beginning Anishinaabe Language II [WL] (4.0 cr)
- NAIS 1054** - Associated Languages: Introduction to Nahuatl Language [IP] (4.0 cr)
- NAIS 2011** - Intermediate Anishinaabe Language I [HUM] (4.0 cr)
- NAIS 2012** - Intermediate Anishinaabe Language II [HUM] (4.0 cr)
- SPAN 1054** - Associated Languages: Introduction to Nahuatl Language [IP] (4.0 cr)
- TH 3101** - World Theatre: History and Literature I [FA] (4.0 cr)

Unlimited Electives

Take 4 or more credit(s) from the following:

- ANTH 3455** - North American Archaeology [SS] (4.0 cr)
- ANTH 3461** - Archaeology of Eurasia and Africa [SS] (4.0 cr)
- ARTH 3112** - Faith, Image, and Power: Art and the Byzantine Empire [FA] (4.0 cr)
- ARTH 3113** - Early Islamic Art and Culture [FA] (4.0 cr)
- ARTH 3132** - Castles and Cathedrals [FA] (4.0 cr)



- ENGL 3043 - Medieval Makings of Tolkien's Worlds (4.0 cr)
- ENGL 3163 - Life in a Medieval City: Literature and Culture in York, 700-1500 [HUM] (4.0 cr)
- ENGL 4004 - Research Seminar: Old English Literature and Language (4.0 cr)
- FREN 3402 - Medieval and Early Modern Studies: Pre-Enlightenment Culture in France (2.0 - 4.0 cr)
- FREN 3406 - Medieval and Early Modern Studies: Emotional Extremes in Medieval and Early Modern Literature (4.0 cr)
- FREN 3407 - Medieval and Early Modern Studies: The "East" and its Marvels (2.0 - 4.0 cr)
- FREN 3408 - Medieval and Early Modern Studies: Quests, Quails, and Custards--Food in Life and Literature (2.0 - 4.0 cr)
- FREN 3410 - Medieval and Early Modern Studies: Troubadours and Old Occitan: Creative Writing in the Middle Ages [HUM] (4.0 cr)
- FREN 3411 - Medieval and Early Modern Studies: Medieval and Renaissance Bodies (4.0 cr)
- GER 3702 - Martial Masculinities: Manhood and Aggression in German Literature and Culture [HUM] (4.0 cr)
- GER 4001 - German Civilization I [HIST] (4.0 cr)
- HIST 3207 - The Crusades [IP] (4.0 cr)
- IS 3053 - Irish Texts and Contexts [ENVT] (4.0 cr)
- IS 3215H - Honors: Sagas before the Fall: Culture, Climate, and Collapse in Medieval Iceland [ENVT] (2.0 cr)
- IS 3242H - Honors: Two Cosmological Poets: Dante and Lucretius [IP] (2.0 cr)
- IS 3248H - Honors: Art and History of the Crusades [FA] (2.0 cr)
- LAT 2001 - Intermediate Latin Prose [IP] (4.0 cr)
- LAT 2002 - Intermediate Latin Poetry [HUM] (4.0 cr)
- PHIL 3151 - History of Ancient Philosophy [HIST] (4.0 cr)
- POL 3351 - Ancient and Medieval Political Thought [HUM] (4.0 cr)



Morris Campus

Music B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40
- Degree: Bachelor of Arts

The music curriculum is designed to develop not only musical and performance skills, but also to investigate the many ways that music can help us understand human culture and history. This curriculum meshes the liberal arts model of breadth of knowledge with applied lessons, ensembles, and theory/history of music.

Program Student Learning Outcomes:

1. Musicianship: Students will demonstrate proficiency in aural and keyboard musicianship.
2. Performance: In their area of specialization, students will study and perform a wide range of music literature, communicating character and style and engaging with the listener in an assured manner.
3. Music in a historic and cultural context: Students will develop the ability to discuss music critically, examine the role of music in culture, and consider the various ways people understand meaningful expression in music.
4. Music theory: Students will demonstrate proficiency in reading and writing scales, chords, and rhythms, show an understanding of contrapuntal techniques and formal structures, and analyze pieces using appropriate analytical techniques.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

No grades below C- are allowed. Courses may not be taken S-N, unless offered S-N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Students with advisers in other disciplines are strongly encouraged to consult regularly with a music faculty advisor.

Required Courses

Foundational courses (1151-6) and 2xxx-level music theory and repertoire courses are taken concurrently with piano lessons or Functional Keyboard for the Music Major, Mus 1111, 1112, 2111, 2112 until the piano proficiency test is passed.

Students must enroll in MUS 0100 seven times.

7 credits in individual performance studies in the applied area, of which a minimum of two semesters must be in the MUS 32XX-Advanced Individual Performance Studies series.

[MUS 100](#) - Music Performance Lab (0.0 cr)

[MUS 1151](#) - Foundations of Music Theory I: Rhythm and Pitch [M/SR] (2.0 cr)

[MUS 1152](#) - Foundations of Music Theory II: Line [FA] (2.0 cr)



MUS 1153 - Foundations of Musicianship I (1.0 cr)
MUS 1154 - Foundations of Musicianship II (1.0 cr)
MUS 1155 - Foundations in Music History I: Ancient to 1750 [HIST] (2.0 cr)
MUS 1156 - Foundations in Music History II: 1750 to Contemporary [FA] (2.0 cr)
MUS 2151 - Intermediate Music Theory: Form (2.0 cr)
MUS 2152 - Intermediate Music Theory: Harmony (2.0 cr)
MUS 4901 - Senior Project and Portfolio (1.0 cr)
Piano proficiency

Lower-Division Elective Courses

Take 4 or more credit(s) from the following:

- MUS 2401 - Piano from Bach to Jazz [FA] (2.0 cr)
- MUS 2402 - Art Song Repertoire [FA] (2.0 cr)
- MUS 2403 - Choral Traditions and Literature [FA] (2.0 cr)
- MUS 2404 - The Orchestra and its Literature from the 1700s through Today [FA] (2.0 cr)
- MUS 2405 - Survey of Instrumental Wind Literature [FA] (2.0 cr)
- MUS 2406 - Jazz Style and Repertoire [FA] (2.0 cr)

Elective Courses in Music Theory

Take 4 or more credit(s) from the following:

- MUS 3108 - Intellectual Foundations of Western Music [HUM] (2.0 cr)
- MUS 3109 - Analysis of Popular Music [HUM] (2.0 cr)
- MUS 3110 - History of Music Theory: From the Renaissance to the Baroque (2.0 cr)
- MUS 3111 - History of Music Theory: Rameau to Riemann (2.0 cr)
- MUS 3112 - Analysis of Pre-Tonal Music (2.0 cr)
- MUS 3113 - Analysis of Post-Tonal Music (2.0 cr)

Elective Courses in Music History

Take 4 or more credit(s) from the following:

- MUS 3107 - Music in 20th-Century America [FA] (2.0 cr)
- MUS 3114 - Musical Borrowing [FA] (2.0 cr)
- MUS 3115 - Gender and Sexuality in Music [FA] (2.0 cr)
- MUS 3116 - Music and Identity [FA] (2.0 cr)
- MUS 3117 - Music in Film [FA] (2.0 cr)
- MUS 3118 - Music and Politics [FA] (2.0 cr)

General Elective Courses

Take 4 or more credit(s) from the following:

- MUS 3051 - Piano Pedagogy I [ART/P] (2.0 cr)
- MUS 3052 - Piano Pedagogy II [ART/P] (2.0 cr)
- MUS 3311 - Conducting Techniques (2.0 cr)
- MUS 3321 - Instrumental Conducting and Materials (2.0 cr)
- MUS 3331 - Choral Conducting and Materials (2.0 cr)
- MUS 3351 - Instrumental Arranging [ART/P] (2.0 cr)
- MUS 3352 - Choral Arranging [ART/P] (2.0 cr)
- MUS 3993 - Directed Study (1.0 - 5.0 cr)
- MUS 3xxx
- MUS 4101 - Form and Analysis (4.0 cr)
- MUS 4102 - Counterpoint (4.0 cr)
- MUS 4103 - Seminar: Topics in Music History (4.0 cr)
- MUS 4110 - Seminar: Advanced Music Theory and Analysis (4.0 cr)
- MUS 4xxx

Morris Campus

Music Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 24

The music curriculum is designed to develop not only musical and performance skills, but also to investigate the many ways that music can help us understand human culture and history. This curriculum meshes the liberal arts model of breadth of knowledge with applied lessons, ensembles, and theory/history of music.

Program Student Learning Outcomes:

1. Musicianship: Students will demonstrate proficiency in aural and keyboard musicianship.
2. Performance: In their area of specialization students will study and perform a wide range of music literature, communicating character and style and engaging with the listener in an assured manner.
3. Music in a Historic and Cultural Context: Students will develop the ability to discuss music critically, examine the role of music in culture, and consider the various ways people understand meaningful expression in music.
4. Music Theory: Students will demonstrate proficiency in reading and writing scales, chords, and rhythms, show an understanding of contrapuntal techniques and formal structures, and analyze pieces using appropriate analytical techniques.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

No grades below C- are allowed. Courses may not be taken S-N, unless offered S-N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Concert Attendance

Four successful completions of MUS 0100
[MUS 100](#) - Music Performance Lab (0.0 cr)

Individual Performance Studies

Applied Music Area
4 cr from MUS 12xx, all must be from the same instrument.

Piano Proficiency

4 cr in MUS 1200 or Mus 1111-1112 and Mus 2111-2112 or 2 cr of music ensembles unless it is the main applied instrument area. If so, requirements differ, see Music faculty or discipline website.

Foundational Courses

[MUS 1151](#) - Foundations of Music Theory I: Rhythm and Pitch [M/SR] (2.0 cr)
[MUS 1152](#) - Foundations of Music Theory II: Line [FA] (2.0 cr)
[MUS 1153](#) - Foundations of Musicianship I (1.0 cr)
[MUS 1154](#) - Foundations of Musicianship II (1.0 cr)
[MUS 1155](#) - Foundations in Music History I: Ancient to 1750 [HIST] (2.0 cr)
[MUS 1156](#) - Foundations in Music History II: 1750 to Contemporary [FA] (2.0 cr)
[MUS 2151](#) - Intermediate Music Theory: Form (2.0 cr)
[MUS 2152](#) - Intermediate Music Theory: Harmony (2.0 cr)

Elective Courses

2 cr from Mus 2401-6 or upper-division electives
Take 2 or more credit(s) from the following:



- MUS 2401 - Piano from Bach to Jazz [FA] (2.0 cr)
- MUS 2402 - Art Song Repertoire [FA] (2.0 cr)
- MUS 2403 - Choral Traditions and Literature [FA] (2.0 cr)
- MUS 2404 - The Orchestra and its Literature from the 1700s through Today [FA] (2.0 cr)
- MUS 2405 - Survey of Instrumental Wind Literature [FA] (2.0 cr)
- MUS 2406 - Jazz Style and Repertoire [FA] (2.0 cr)
- MUS 3xxx
- MUS 4xxx



Morris Campus

Native American and Indigenous Studies B.A.

M Acad Dean's Admin

Academic Affairs

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40
- NA
- Degree: Bachelor of Arts

This is an interdisciplinary major under the authority of the vice chancellor for academic affairs and dean. The program is administered by the coordinator(s) of Native American and Indigenous Studies.

The Native American and Indigenous Studies major is designed to enhance students' awareness and their overall knowledge about sovereignty and the diversity of Indigenous cultures with primary focus on the United States. Majors are required to engage and learn Native American histories, cultures, literatures, languages, arts, sciences, and expressive cultures.

Program Student Learning Outcomes:

Native American and Indigenous Studies promotes critical thinking, writing, and communication skills that are also rooted in Indigenous knowledge systems and community involvement by

Developing proficiency in core concepts in the field of Native American and Indigenous Studies;
Locating, exploring, and critically analyzing texts relevant to Native American and Indigenous Studies;
Acquiring an awareness of the complexities of tribal sovereignty;
Developing skills and knowledge necessary to engage in collaborative and ethical research within Indigenous Studies;
Applying interdisciplinary skills and approaches in the study of Indigenous peoples within local and global contexts;
Writing and speaking effectively.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Students develop a coherent program of study in consultation with their major advisor.

Native and Indigenous Studies students are especially encouraged to take an American indigenous language, such as Anishinaabe or Dakota to meet the general education language requirement.

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the major requirements. Courses may not be taken S/N, unless course is offered as S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

With approval of the Native American and Indigenous Studies coordinator(s), a capstone course in a different major may be



substituted for NAIS 4901 if it contains primary Native American content (e.g., ENGL 4017 - Research Seminar: Tricksters-Conjurers in American Indian and African American Literature).

NAIS 1101 - Introduction to Native American and Indigenous Studies [HDIV] (4.0 cr)

NAIS 4901 - Senior Project in Native American and Indigenous Studies (4.0 cr)

ENGL 2411 - Representations of American Indians in Popular and Academic Culture [HDIV] (4.0 cr)

NOTE: Engl 3311 is the preferred literature course.

ENGL 3311 - American Indian Literature [HDIV] (4.0 cr)

or **ENGL 3312** - World Indigenous Literature and Film [HDIV] (4.0 cr)

HIST 2251 - American Indians and the United States: A History [HDIV] (4.0 cr)

Elective Courses

Students must complete at least 20 credits from the electives listed below, subject to the following restrictions:

1. Courses are exclusive of any used to complete the required courses.
2. At least 12 credits must be from primary NAIS courses.
3. No more than 4 credits of directed studies (X993) may be applied to the major.
4. No more than 3 credits of ARTS 1050 may be applied to the major.
5. No more than 8 credits of American Indigenous languages may be applied to the major.

Take 20 or more credit(s) from the following:

Primary Native American and Indigenous Studies

Take 12 or more credit(s) from the following:

- **ANTH 3402** - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- **ANTH 3455** - North American Archaeology [SS] (4.0 cr)
- **ANTH 3465** - Archaeology and Native Peoples [HDIV] (4.0 cr)
- **ENGL 3311** - American Indian Literature [HDIV] (4.0 cr)
- **ENGL 3312** - World Indigenous Literature and Film [HDIV] (4.0 cr)
- **ENGL 4017** - Research Seminar: Tricksters-Conjurers in American Indian and African American Literature [HDIV] (4.0 cr)
- **HIST 2252** - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- **HIST 3304** - Race, Class, and Gender in American History [HDIV] (4.0 cr)
- **HIST 3359** - Native Strategies for Survival, 1880-1920 [HDIV] (4.0 cr)
- **HIST 3402** - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- **HIST 3403** - American Indian Education: History and Representation [E/CR] (4.0 cr)
- **HIST 3614** - Race and Ethnicity in Latin America [HDIV] (4.0 cr)
- **IS 3253H** - Honors: Honoring Native Treaties: Human Rights and Civic Responsibilities [E/CR] (2.0 cr)
- **NAIS 1801** - American Indian Song and Dance [IC] (2.0 cr)
- **NAIS 1803** - Native America in the 20th Century [IC] (4.0 cr)
- **NAIS 2212** - Indian Residential Schools: Their History and Legacy [E/CR] (2.0 cr)
- **NAIS 2213** - Indian Education Past and Present [E/CR] (3.0 cr)
- **NAIS 2252** - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- **NAIS 2801** - Anishinaabe Song and Dance: An Exploration of Song and Dance, Traditions and Practices [HDIV] (4.0 cr)
- **NAIS 2993** - Directed Study (1.0 - 5.0 cr)
- **NAIS 3220** - Indigenous Language and Cultural Immersion Experience (1.0 - 2.0 cr)
- **NAIS 3403** - American Indian Education: History and Representation [E/CR] (4.0 cr)
- **NAIS 3404** - Contemporary Research Issues in Native America [E/CR] (4.0 cr)
- **NAIS 3405** - Digital Workshop in Native American and Indigenous Studies [E/CR] (2.0 cr)
- **NAIS 3993** - Directed Study (1.0 - 5.0 cr)

Primary Native American and Indigenous Studies, Indigenous Languages

Take at most 8 credit(s) from the following:

- **NAIS 1001** - Beginning Dakota Language I (5.0 cr)
- **NAIS 1002** - Beginning Dakota Language II [WL] (5.0 cr)
- **NAIS 1011** - Beginning Anishinaabe Language I (4.0 cr)
- **NAIS 1012** - Beginning Anishinaabe Language II [WL] (4.0 cr)
- **NAIS 1054** - Associated Languages: Introduction to Nahuatl Language [IP] (4.0 cr)
- **NAIS 2001** - Intermediate Dakota I [HDIV] (5.0 cr)
- **NAIS 2002** - Intermediate Dakota II [HDIV] (5.0 cr)
- **NAIS 2011** - Intermediate Anishinaabe Language I [HUM] (4.0 cr)
- **NAIS 2012** - Intermediate Anishinaabe Language II [HUM] (4.0 cr)

Related Native American and Indigenous Studies

Take at most 8 credit(s) from the following:

- **ARTS 1008** - Visual Studies for Non-Majors: Ceramics [ART/P] (2.0 - 4.0 cr)
- **CMR 3411** - Intercultural Communication Theory and Research [HDIV] (4.0 cr)
- **ENGL 3301** - U.S. Multicultural Literature [HDIV] (4.0 cr)
- **HIST 2451** - The American West [HIST] (4.0 cr)
- **PSY 3542** - Multicultural Psychology [HDIV] (4.0 cr)
- **SOC 3121** - Sociology of Gender and Sexuality [HDIV] (4.0 cr)



Other Elective Courses

Directed studies and interdisciplinary internships, with appropriate subject matter, may be used to meet the elective requirements.

Morris Campus

Native American and Indigenous Studies Minor

M Acad Dean's Admin

Academic Affairs

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20

The Native American and Indigenous Studies minor is designed to enhance students' awareness and their overall knowledge about sovereignty and the diversity of Indigenous cultures with primary focus on the United States. Minors are required to engage and learn American Indian histories, cultures, literatures, languages, arts, sciences, and expressive cultures.

Program Student Learning Outcomes:

Native American and Indigenous Studies promotes critical thinking, writing, and communication skills that are also rooted in Indigenous knowledge systems and community involvement by the following:

- Developing proficiency in core concepts in the field of Native American and Indigenous Studies;
- Locating, exploring, and critically analyzing texts relevant to Native American and Indigenous Studies;
- Acquiring an awareness of the complexities of tribal sovereignty;
- Developing skills and knowledge necessary to engage in collaborative and ethical research within Indigenous Studies;
- Applying interdisciplinary skills and approaches in the study of Indigenous peoples within local and global contexts;
- Writing and speaking effectively.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Native American and Indigenous Studies students are especially encouraged to take an American indigenous language, such as Anishinaabe or Dakota.

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the minor requirements. Courses may not be taken S/N unless course is offered as S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

NAIS 1101 - Introduction to Native American and Indigenous Studies [HDIV] (4.0 cr)

Electives

Students must complete at least 16 credits from the electives below, subject to the following restrictions:

1. Students must have at least one course from two of the disciplines below.
2. No more than 4 credits of directed studies (X993) may be applied to the minor.
3. No more than 8 credits of an American Indigenous language may apply to the minor.
4. At least 3 credits must be at the 3xxx level or higher.

Take 16 or more credit(s) from the following:

- **ANTH 3402** - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- **ANTH 3455** - North American Archaeology [SS] (4.0 cr)
- **ANTH 3465** - Archaeology and Native Peoples [HDIV] (4.0 cr)
- **ANTH 3993** - Directed Study (1.0 - 5.0 cr)
- **ENGL 2411** - Representations of American Indians in Popular and Academic Culture [HDIV] (4.0 cr)
- **ENGL 3301** - U.S. Multicultural Literature [HDIV] (4.0 cr)
- **ENGL 4017** - Research Seminar: Tricksters-Conjurers in American Indian and African American Literature [HDIV] (4.0 cr)
- **HIST 2251** - American Indians and the United States: A History [HDIV] (4.0 cr)
- **HIST 2252** - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- **HIST 2451** - The American West [HIST] (4.0 cr)



- [HIST 3304](#) - Race, Class, and Gender in American History [HDIV] (4.0 cr)
- [HIST 3359](#) - Native Strategies for Survival, 1880-1920 [HDIV] (4.0 cr)
- [HIST 3402](#) - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- [HIST 3403](#) - American Indian Education: History and Representation [E/CR] (4.0 cr)
- [HIST 3614](#) - Race and Ethnicity in Latin America [HDIV] (4.0 cr)
- [IS 3253H](#) - Honors: Honoring Native Treaties: Human Rights and Civic Responsibilities [E/CR] (2.0 cr)
- [NAIS 1803](#) - Native America in the 20th Century [IC] (4.0 cr)
- [NAIS 2212](#) - Indian Residential Schools: Their History and Legacy [E/CR] (2.0 cr)
- [NAIS 2213](#) - Indian Education Past and Present [E/CR] (3.0 cr)
- [NAIS 2252](#) - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- [NAIS 2801](#) - Anishinaabe Song and Dance: An Exploration of Song and Dance, Traditions and Practices [HDIV] (4.0 cr)
- [NAIS 2993](#) - Directed Study (1.0 - 5.0 cr)
- [NAIS 3220](#) - Indigenous Language and Cultural Immersion Experience (1.0 - 2.0 cr)
- [NAIS 3403](#) - American Indian Education: History and Representation [E/CR] (4.0 cr)
- [NAIS 3404](#) - Contemporary Research Issues in Native America [E/CR] (4.0 cr)
- [NAIS 3405](#) - Digital Workshop in Native American and Indigenous Studies [E/CR] (2.0 cr)
- [NAIS 3993](#) - Directed Study (1.0 - 5.0 cr)
- [ENGL 3311](#) - American Indian Literature [HDIV] (4.0 cr)
or [ENGL 3312](#) - World Indigenous Literature and Film [HDIV] (4.0 cr)
- Take at most 8 credit(s) from the following:
 - [NAIS 1001](#) - Beginning Dakota Language I (5.0 cr)
 - [NAIS 1002](#) - Beginning Dakota Language II [WL] (5.0 cr)
 - [NAIS 1011](#) - Beginning Anishinaabe Language I (4.0 cr)
 - [NAIS 1012](#) - Beginning Anishinaabe Language II [WL] (4.0 cr)
 - [NAIS 1054](#) - Associated Languages: Introduction to Nahuatl Language [IP] (4.0 cr)
 - [NAIS 2001](#) - Intermediate Dakota I [HDIV] (5.0 cr)
 - [NAIS 2002](#) - Intermediate Dakota II [HDIV] (5.0 cr)
 - [NAIS 2011](#) - Intermediate Anishinaabe Language I [HUM] (4.0 cr)
 - [NAIS 2012](#) - Intermediate Anishinaabe Language II [HUM] (4.0 cr)

Other Elective Courses

Directed studies and interdisciplinary internships, with appropriate subject matter, may be used to meet the elective requirements.



Morris Campus

Philosophy B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40
- Degree: Bachelor of Arts

The philosophy program provides an environment in which students receive rich, well-rounded instruction in philosophy, whose pursuit is essential to a liberal arts education.

Program Student Learning Outcomes

UMM's philosophy curriculum offers coursework in all major subfields of philosophy including the history of philosophy, metaphysics and logic, epistemology, and values. As a field of study, philosophy is at the core of a liberal arts education, as its skills encourage independent thought and interdisciplinary, integrated inquiry. Specifically, UMM's philosophy program offers students the opportunity to:

- Explore philosophy's fundamental questions and proposed answers;
- Cultivate their own philosophical powers, which include creativity, sensitivity, intellectual courage, open-mindedness and critical-mindedness, logical rigor, and analytical precision;
- Join the great conversation by contributing their own considered insights;
- Hone their ability to speak and write effectively.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- PHIL 1101 - Introduction to Philosophy [HUM] (4.0 cr)
or PHIL 1801 - THINK: An Introduction to Philosophy [IC] (4.0 cr)
- PHIL 1102 - Introduction to Symbolic Logic [M/SR] (4.0 cr)
- PHIL 1103 - Introductory Ethics [E/CR] (4.0 cr)

Core Courses

Take 12 or more credit(s) from the following:

- PHIL 3101 - Metaphysics [HUM] (4.0 cr)
- PHIL 3121 - Political Philosophy [SS] (4.0 cr)
- PHIL 3141 - Epistemology [HUM] (4.0 cr)
- PHIL 3151 - History of Ancient Philosophy [HIST] (4.0 cr)
- PHIL 3171 - History of Modern Philosophy [HIST] (4.0 cr)



Advanced Seminar

One 49xx course from the following:

- PHIL 4902 - Advanced Seminar in History of Philosophy [HUM] (4.0 cr)
- or PHIL 4903 - Advanced Seminar in Metaphysics and Epistemology [HUM] (4.0 cr)
- or PHIL 4904 - Advanced Seminar in Value Theory [HUM] (4.0 cr)

Elective Courses

Take 8 or more credit(s) from the following:

- PHIL 2112 - Professional Ethics [E/CR] (4.0 cr)
- PHIL 2113 - International and Biomedical Ethics [E/CR] (4.0 cr)
- PHIL 2114 - Environmental Ethics [ENVT] (4.0 cr)
- PHIL 2121 - Philosophy of Religion [HUM] (4.0 cr)
- PHIL 2141 - Analytic Feminism [HUM] (4.0 cr)
- PHIL 2151 - Philosophy of Mind [HUM] (4.0 cr)
- PHIL 2162 - Ethics of Love and Sex [E/CR] (4.0 cr)
- PHIL 3112 - Free Will and Moral Responsibility [HUM] (4.0 cr)
- PHIL 3131 - Philosophy of Law [SS] (4.0 cr)
- PHIL 4000 - History of Philosophy Seminar [HIST] (4.0 cr)
- PHIL 4002 - Existentialism [HIST] (4.0 cr)
- PHIL 4100 - Contemporary Moral Debates [HUM] (4.0 cr)
- PHIL 4121 - Philosophy of Language [HUM] (4.0 cr)
- PHIL 4130 - Contemporary Issues in Philosophy [HUM] (4.0 cr)
- PHIL 4131 - Personal Identity, Proper Names, and Essences [HUM] (4.0 cr)

Additional 4xxx Elective

One additional 4xxx course exclusive of those used to meet other major requirements or electives.

Take 4 or more credit(s) from the following:

- PHIL 4xxx



Morris Campus

Philosophy Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 24
- This program requires summer terms.

The philosophy program provides an environment in which students receive rich, well-rounded instruction in philosophy, essential to a liberal arts education.

Program Student Learning Outcomes:

UMM's philosophy curriculum offers coursework in all major subfields of philosophy: the history of philosophy, metaphysics and logic, epistemology, and values. As a field of study, philosophy is at the core of a liberal arts education, as its skills encourage independent thought and interdisciplinary, integrated inquiry. Specifically, UMM's philosophy program offers students the opportunity to:

- Explore philosophy's fundamental questions and proposed answers;
- Cultivate their own philosophical powers, which include creativity, sensitivity, intellectual courage, open-mindedness and critical-mindedness, logical rigor, and analytical precision;
- Join the great conversation by contributing their own considered insights;
- Hone their ability to speak and write effectively.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Take 8 or more credit(s) from the following:

- **PHIL 1102** - Introduction to Symbolic Logic [M/SR] (4.0 cr)
- **PHIL 1103** - Introductory Ethics [E/CR] (4.0 cr)
- **PHIL 1101** - Introduction to Philosophy [HUM] (4.0 cr)
or **PHIL 1801** - THINK: An Introduction to Philosophy [IC] (4.0 cr)

Core Courses

Take 8 or more credit(s) from the following:

- **PHIL 3101** - Metaphysics [HUM] (4.0 cr)
- **PHIL 3121** - Political Philosophy [SS] (4.0 cr)
- **PHIL 3141** - Epistemology [HUM] (4.0 cr)
- **PHIL 3151** - History of Ancient Philosophy [HIST] (4.0 cr)
- **PHIL 3171** - History of Modern Philosophy [HIST] (4.0 cr)

Elective Courses

Take 8 or more credit(s) from the following:

- **PHIL 2112** - Professional Ethics [E/CR] (4.0 cr)
- **PHIL 2113** - International and Biomedical Ethics [E/CR] (4.0 cr)
- **PHIL 2114** - Environmental Ethics [ENVT] (4.0 cr)
- **PHIL 2121** - Philosophy of Religion [HUM] (4.0 cr)
- **PHIL 2141** - Analytic Feminism [HUM] (4.0 cr)
- **PHIL 2151** - Philosophy of Mind [HUM] (4.0 cr)
- **PHIL 2162** - Ethics of Love and Sex [E/CR] (4.0 cr)
- **PHIL 3112** - Free Will and Moral Responsibility [HUM] (4.0 cr)



- [PHIL 3131](#) - Philosophy of Law [SS] (4.0 cr)
- [PHIL 4000](#) - History of Philosophy Seminar [HIST] (4.0 cr)
- [PHIL 4002](#) - Existentialism [HIST] (4.0 cr)
- [PHIL 4100](#) - Contemporary Moral Debates [HUM] (4.0 cr)
- [PHIL 4121](#) - Philosophy of Language [HUM] (4.0 cr)
- [PHIL 4130](#) - Contemporary Issues in Philosophy [HUM] (4.0 cr)
- [PHIL 4131](#) - Personal Identity, Proper Names, and Essences [HUM] (4.0 cr)

Morris Campus

Physics B.A.

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 58
- Degree: Bachelor of Arts

The physics program is designed to develop the following student learning outcomes:

1. Students will understand the concepts of classical and modern physics while also developing their ability to solve quantitative problems in these areas.
2. Students acquire the skills necessary to perform experimental work.
3. The program develops students' ability to communicate, in form and content, both orally and in writing, the results of scientific work.

The physics program offers a background suitable for students planning to pursue graduate study or careers in industry, research, or teaching. It also provides a solid foundation for any career requiring analytical reasoning.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Courses may not be taken S-N. A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of F are included in GPA calculation until they are replaced. No grades below C- are allowed.

Required Courses

- [MATH 1101](#) - Calculus I [M/SR] (5.0 cr)
- [MATH 1102](#) - Calculus II [M/SR] (5.0 cr)
- [MATH 2101](#) - Calculus III [M/SR] (4.0 cr)
- [MATH 2401](#) - Differential Equations [M/SR] (4.0 cr)
- [PHYS 1101](#) - General Physics I [SCI-L] (5.0 cr)
- [PHYS 1102](#) - General Physics II [SCI-L] (5.0 cr)
- [PHYS 2101](#) - Modern Physics [SCI-L] (4.0 cr)
- [PHYS 3101](#) - Classical Mechanics [SCI] (4.0 cr)
- [PHYS 4101](#) - Electromagnetism (4.0 cr)
- [PHYS 4201](#) - Quantum Mechanics (4.0 cr)
- [PHYS 4901](#) - Senior Thesis I (1.0 cr)
- [PHYS 4902](#) - Senior Thesis II (1.0 cr)

Elective Courses

Take 12 or more credit(s) from the following:

- [PHYS 2201](#) - Circuits and Electronic Devices [SCI-L] (4.0 cr)
- [PHYS 3003](#) - Computer Modeling of Materials [SCI] (2.0 cr)
- [PHYS 3004](#) - Atmospheric Physics [ENVT] (4.0 cr)
- [PHYS 3151](#) - Solid State Physics (2.0 cr)
- [PHYS 3152](#) - Particle and Nuclear Physics (2.0 cr)



- PHYS 3154 - Biomedical Physics (2.0 cr)
- PHYS 3301 - Optics (4.0 cr)
- PHYS 3401 - Experimental Physics [SCI-L] (4.0 cr)
- PHYS 3501 - Statistical Physics [SCI] (4.0 cr)



Morris Campus

Physics Minor

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 32

Objectives--The physics program is designed to help students understand the concepts of classical and modern physics while also developing their ability to solve quantitative problems in these areas. It provides the opportunity for students to acquire the skills necessary to perform experimental work and develops students' ability to communicate, in form and content, both orally and in writing, the results of scientific work.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Courses may not be taken S-N. The GPA in these courses must be at least 2.00. Courses with a grade lower than C- may not be used to meet the minor requirements.

Minor Requirements

- [PHYS 1101](#) - General Physics I [SCI-L] (5.0 cr)
- [PHYS 1102](#) - General Physics II [SCI-L] (5.0 cr)
- [PHYS 2101](#) - Modern Physics [SCI-L] (4.0 cr)
- [MATH 1101](#) - Calculus I [M/SR] (5.0 cr)
- [MATH 1102](#) - Calculus II [M/SR] (5.0 cr)
- [MATH 2401](#) - Differential Equations [M/SR] (4.0 cr)

Elective Courses

Take 4 or more credit(s) from the following:

- [PHYS 3004](#) - Atmospheric Physics [ENVT] (4.0 cr)
- [PHYS 3101](#) - Classical Mechanics [SCI] (4.0 cr)
- [PHYS 3151](#) - Solid State Physics (2.0 cr)
- [PHYS 3152](#) - Particle and Nuclear Physics (2.0 cr)
- [PHYS 3154](#) - Biomedical Physics (2.0 cr)
- [PHYS 3301](#) - Optics (4.0 cr)
- [PHYS 3401](#) - Experimental Physics [SCI-L] (4.0 cr)
- [PHYS 3501](#) - Statistical Physics [SCI] (4.0 cr)
- [PHYS 3993](#) - Directed Study (1.0 - 5.0 cr)
- [PHYS 4101](#) - Electromagnetism (4.0 cr)
- [PHYS 4201](#) - Quantum Mechanics (4.0 cr)
- [PHYS 4993](#) - Directed Study (1.0 - 5.0 cr)

**Morris Campus****Political Science B.A.***Division of Social Sciences - Adm***Division of Social Sciences**

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40
- Degree: Bachelor of Arts

Political science is the comprehensive study of the behaviors, organizations, institutions, and philosophical foundations of political life at the individual, state, national, and international settings.

Objectives:

The major program is designed to prepare students for lifelong civic engagement and leadership in democratic society, as well as intercultural competence as global citizens. The political science major curriculum stresses the development of strong analytical skills and critical thinking and prepares students for further academic training in political science, law, public administration, international relations, and other graduate programs as well as for work in public affairs, business, journalism, interest groups, and a wide range of other careers.

Program Student Learning Outcomes:

1. Students will know and remember significant terms, processes, concepts, principles, and theories in political science research across the sub-fields.
2. Students will know and utilize multiple methods of analysis and synthesize their knowledge and skills to design, conduct, and present independent political research.
3. Students will understand and be able to compare, contrast, and explain perspectives on global and cross-cultural issues at the state, national, and international levels.
4. Students will demonstrate effective skills in oral and written analysis through identification and production of the parts, relationships, and organizing principles of political research communication.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

The political science major requires 40 credit hours of political science courses. Of those, 16 are required core courses and 24 are elective courses. The political science discipline strongly recommends that students take advantage of opportunities in internships, field studies, and study abroad.

Students are also strongly encouraged to take advantage of courses in other disciplines such as economics, history, psychology, philosophy, and statistics that will complement and enrich their political science coursework. Symbolic Logic (PHIL 2101) is recommended for pre-law students and statistics (STAT 1601 or 2601) for other political science majors.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.



Required Courses

Introductory Courses

Take 2 or more course(s) from the following:

- POL 1101 - Introduction to Political Theory [E/CR] (4.0 cr)
- POL 1201 - American Government and Politics [E/CR] (4.0 cr)
- POL 1202 - Law and Society: Introduction to Public Law [SS] (4.0 cr)
- POL 1401 - World Politics [IP] (4.0 cr)

Research Methods

POL 2001 - Political Science Research Methods [SS] (4.0 cr)

Senior Seminar

Take exactly 1 course(s) from the following:

- POL 4205 - Seminar in American Politics (4.0 cr)
- POL 4305 - Seminar in Political Theory (4.0 cr)
- POL 4405 - Seminar in Comparative Politics and International Relations (4.0 cr)

Electives

Within the 24 additional elective credits, majors are required to complete:

- at least 4 credits of 2000-level work in addition to 2001.
- at least 12 credits of 3000-level work.

Additional options for majors (exclusive of courses used for the core requirement):

Majors may complete:

- one additional 4000-level course
- one additional 1000-level course
- up to 8 credits of Pol 1993, 2993, 3993, 4993 with discipline approval
- up to 4 credits of Pol 3996 with discipline approval

Political Science majors must satisfy distribution requirement by taking at least 4 credits in each of the three areas (American Politics, International and Comparative Politics, and Political Theory). Students may take an additional 4xxx course as an elective.

Take 24 or more credit(s) from the following:

American Politics

Take 4 or more credit(s) from the following:

- POL 2202 - Criminal Justice and Policing (4.0 cr)
- POL 2221 - The American Judicial Process [SS] (2.0 cr)
- POL 2222 - The U.S. Supreme Court [SS] (2.0 cr)
- POL 2234 - Race, Class and Power: Social Movements in U.S. Politics [HDIV] (2.0 cr)
- POL 2235 - Race, Class and Power: Interest Groups in U.S. Politics [HDIV] (2.0 cr)
- POL 2261 - States: Laboratories of American Democracy [E/CR] (2.0 cr)
- POL 2262 - Power and Politics in American Cities and Communities [E/CR] (2.0 cr)
- POL 3201 - Legislative Process [SS] (4.0 cr)
- POL 3211 - The American Presidency [SS] (4.0 cr)
- POL 3231 - Constitutional Law: Civil Liberties and Civil Rights [HDIV] (4.0 cr)
- POL 3232 - Constitutional Law: Governmental Powers and Constraints [SS] (4.0 cr)
- POL 3251 - American Democracy in Action: Campaigns, Elections, and Political Behavior [SS] (4.0 cr)
- POL 3263 - Political Psychology [SS] (4.0 cr)
- POL 3266 - Media in American Politics [SS] (4.0 cr)
- POL 3272 - Making Environmental Public Policy [ENVT] (4.0 cr)

International and Comparative Politics

Take 4 or more credit(s) from the following:

- POL 2401 - U.S. Foreign Policy [IP] (4.0 cr)
- POL 2411 - Model United Nations [IP] (4.0 cr)
- POL 2461 - Diplomatic Negotiation [IP] (4.0 cr)
- POL 2501 - East Asian Society and Politics [SS] (4.0 cr)
- POL 3411 - International Law [IP] (4.0 cr)
- POL 3451 - Comparative Foreign Policy (4.0 cr)
- POL 3453 - Russian Politics and Foreign Policy [IP] (4.0 cr)
- POL 3475 - International Human Rights (4.0 cr)
- POL 3504 - Latin American Politics (4.0 cr)

Political Theory

Take 4 or more credit(s) from the following:

- POL 2301 - Anarchy and Utopia [HUM] (2.0 cr)
- POL 2302 - Gandhi and the Politics of Resistance [SS] (2.0 cr)
- POL 2354 - Political Ethics [E/CR] (4.0 cr)
- POL 3302 - Islamic Political Thought [SS] (2.0 cr)
- POL 3303 - Gender, Sexuality, and Political Theory [SS] (2.0 cr)
- POL 3351 - Ancient and Medieval Political Thought [HUM] (4.0 cr)



- [POL 3352](#) - Modern Political Thought [HUM] (4.0 cr)
- [POL 3355](#) - Environmental Political Theory [ENVT] (4.0 cr)



Morris Campus

Political Science Minor

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20

Political science is the comprehensive study of the behaviors, organizations, institutions, and philosophical foundations of political life at the individual, state, national, and international settings.

Objectives:

The minor program is designed to prepare students for lifelong civic engagement and leadership in democratic society, as well as intercultural competence as global citizens.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

The political science minor requires 20 credit hours of political science courses.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

Take 1 or more course(s) from the following:

- POL 1101 - Introduction to Political Theory [E/CR] (4.0 cr)
- POL 1201 - American Government and Politics [E/CR] (4.0 cr)
- POL 1202 - Law and Society: Introduction to Public Law [SS] (4.0 cr)
- POL 1401 - World Politics [IP] (4.0 cr)

Elective Courses

Courses used to satisfy electives are exclusive of any used to complete the required courses.

Take 12 or more credits from 2xxx, 3xxx or 4xxx. At least 4 credits must be from 3xxx or 4xxx level.

Take at most 4 credit(s) from the following:

- POL 1101 - Introduction to Political Theory [E/CR] (4.0 cr)
- POL 1201 - American Government and Politics [E/CR] (4.0 cr)
- POL 1202 - Law and Society: Introduction to Public Law [SS] (4.0 cr)
- POL 1401 - World Politics [IP] (4.0 cr)

Take at most 8 credit(s) from the following:

- POL 2001 - Political Science Research Methods [SS] (4.0 cr)
- POL 2202 - Criminal Justice and Policing (4.0 cr)
- POL 2221 - The American Judicial Process [SS] (2.0 cr)
- POL 2222 - The U.S. Supreme Court [SS] (2.0 cr)
- POL 2234 - Race, Class and Power: Social Movements in U.S. Politics [HDIV] (2.0 cr)
- POL 2235 - Race, Class and Power: Interest Groups in U.S. Politics [HDIV] (2.0 cr)
- POL 2261 - States: Laboratories of American Democracy [E/CR] (2.0 cr)
- POL 2262 - Power and Politics in American Cities and Communities [E/CR] (2.0 cr)
- POL 2301 - Anarchy and Utopia [HUM] (2.0 cr)
- POL 2302 - Gandhi and the Politics of Resistance [SS] (2.0 cr)
- POL 2354 - Political Ethics [E/CR] (4.0 cr)
- POL 2401 - U.S. Foreign Policy [IP] (4.0 cr)
- POL 2411 - Model United Nations [IP] (4.0 cr)
- POL 2461 - Diplomatic Negotiation [IP] (4.0 cr)



- POL 2501 - East Asian Society and Politics [SS] (4.0 cr)

Take 4 or more credit(s) from the following:

- POL 3201 - Legislative Process [SS] (4.0 cr)
- POL 3211 - The American Presidency [SS] (4.0 cr)
- POL 3231 - Constitutional Law: Civil Liberties and Civil Rights [HDIV] (4.0 cr)
- POL 3232 - Constitutional Law: Governmental Powers and Constraints [SS] (4.0 cr)
- POL 3251 - American Democracy in Action: Campaigns, Elections, and Political Behavior [SS] (4.0 cr)
- POL 3263 - Political Psychology [SS] (4.0 cr)
- POL 3266 - Media in American Politics [SS] (4.0 cr)
- POL 3272 - Making Environmental Public Policy [ENVT] (4.0 cr)
- POL 3302 - Islamic Political Thought [SS] (2.0 cr)
- POL 3303 - Gender, Sexuality, and Political Theory [SS] (2.0 cr)
- POL 3351 - Ancient and Medieval Political Thought [HUM] (4.0 cr)
- POL 3352 - Modern Political Thought [HUM] (4.0 cr)
- POL 3355 - Environmental Political Theory [ENVT] (4.0 cr)
- POL 3411 - International Law [IP] (4.0 cr)
- POL 3451 - Comparative Foreign Policy (4.0 cr)
- POL 3453 - Russian Politics and Foreign Policy [IP] (4.0 cr)
- POL 3475 - International Human Rights (4.0 cr)
- POL 3504 - Latin American Politics (4.0 cr)
- POL 3996 - Field Study in Political Science (1.0 - 16.0 cr)
- POL 3xxx
- POL 4205 - Seminar in American Politics (4.0 cr)
- POL 4305 - Seminar in Political Theory (4.0 cr)
- POL 4405 - Seminar in Comparative Politics and International Relations (4.0 cr)



Morris Campus

Psychology B.A.

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 42
- Degree: Bachelor of Arts

The psychology curriculum focuses on understanding scientific methods and applying them to both human and non-human behaviors and mental processes. It provides students with methodological skills, practice in applying these skills, and an introduction to core areas of psychology. The major provides a comprehensive selection of courses that fully prepare students for a wide range of careers and graduate and professional studies.

Student Learning Outcomes:

1. Students will be able to apply knowledge of the subareas within psychology to the spectrum of psychological phenomena related to behavior and mental processes and explain how the environment (ranging from biological to sociocultural) affects both.
2. Students will be able to use scientific reasoning to interpret psychological phenomena.
3. Students will be able to interpret, design, and conduct psychological research in an ethical manner.
4. Students will be able to communicate scientific findings effectively.
5. Students will be able to apply knowledge of statistical concepts to psychological data.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- [PSY 1051](#) - Introduction to Psychology [SS] (4.0 cr)
- [PSY 2001](#) - Research Methods in Psychology [SS] (4.0 cr)
- [STAT 1601](#) - Introduction to Statistics [M/SR] (4.0 cr)
or [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)

Take at least one course from each of the following areas. One course must be a designated lab course. Lab courses include: Psy 3101, 3111, 3112, 3201, 3211, 3521.

Learning and Cognition

Take 1 or more course(s) from the following:

- [PSY 2112](#) - Psycholinguistics [SS] (4.0 cr)
- [PSY 3101](#) - Learning Theory and Behavior Modification (4.0 cr)



- PSY 3111 - Sensation and Perception (4.0 cr)
- PSY 3112 - Cognition (4.0 cr)
- PSY 3504 - Educational Psychology (4.0 cr)

Biological and Comparative Psychology

Take 1 or more course(s) from the following:

- PSY 3201 - Comparative Psychology [SCI-L] (4.0 cr)
- PSY 3211 - Biological Psychology [SCI-L] (4.0 cr)
- PSY 3216 - Cognitive Neuroscience (4.0 cr)
- PSY 3521 - Health Psychology (4.0 cr)
- PSY 3581 - Psychopharmacology (2.0 cr)

Personality and Clinical Psychology

Take 1 or more course(s) from the following:

- PSY 3302 - Personality (4.0 cr)
- PSY 3313 - Psychopathology (4.0 cr)
- PSY 3314 - Child and Adolescent Psychopathology (4.0 cr)
- PSY 4101 - Helping Relationships (4.0 cr)
- PSY 4301 - Clinical Assessment and Therapeutic Interventions (4.0 cr)

Developmental Psychology

Take 1 or more course(s) from the following:

- PSY 2411 - Lifespan Developmental Psychology [SS] (4.0 cr)
- PSY 3051 - The Psychology of Women and Gender [HDIV] (4.0 cr)
- PSY 3401 - Child Development (4.0 cr)
- PSY 3402 - Adolescent and Emerging Adult Development (4.0 cr)
- PSY 3403 - Adult Development and Aging [E/CR] (4.0 cr)

Social and Applied Psychology

Take 1 or more course(s) from the following:

- PSY 3501 - Social Psychology (4.0 cr)
- PSY 3503 - Consumer Behavior [SS] (4.0 cr)
- PSY 3513 - Negotiation (4.0 cr)
- PSY 3542 - Multicultural Psychology [HDIV] (4.0 cr)
- PSY 3701 - Organizational Behavior [SS] (4.0 cr)

Advanced Seminar in Psychology

Take exactly 1 course(s) from the following:

- PSY 4910 - Advanced Seminar in Learning or Cognitive Psychology (4.0 cr)
- PSY 4920 - Advanced Seminar in Biological or Comparative Psychology (4.0 cr)
- PSY 4930 - Advanced Seminar in Clinical or Multicultural Psychology (4.0 cr)
- PSY 4940 - Advanced Seminar in Developmental Psychology (4.0 cr)
- PSY 4950 - Advanced Seminar in Social or Organizational Psychology (4.0 cr)
- PSY 4960 - Advanced Seminar in Health Psychology (4.0 cr)
- PSY 4970 - Advanced Seminar in Psychology (4.0 cr)

Elective Courses

Additional elective credits to total at least 42 credits in the major (including required courses). No more than 4 credits of either IS 3796 or Psy 4896 may be applied to the major.

Electives may be selected from any category above (except advanced seminars), and the following:

Take 1 or more course(s) from the following:

- IS 3796 - Interdisciplinary Internship in the Helping Professions (1.0 - 16.0 cr)
- IS 3800 - Practicum in Social Sciences (1.0 - 2.0 cr)
- POL 3263 - Political Psychology [SS] (4.0 cr)
- PSY 1026 - Reclaiming Happiness (1.0 cr)
- PSY 2402 - Family Interaction Dynamics [SS] (4.0 cr)
- PSY 2581 - Drugs and Human Behavior [SS] (2.0 cr)
- PSY 2993 - Directed Study (1.0 - 5.0 cr)
- PSY 3261 - Human Sexuality (4.0 cr)
- PSY 3611 - History and Philosophy of Psychology [HIST] (4.0 cr)
- PSY 3800 - Research Practicum (1.0 - 12.0 cr)
- PSY 3993 - Directed Study (1.0 - 5.0 cr)
- PSY 4102 - Intro to Prof Conduct, Legal Constraints, Ethics in Human Services [E/CR] (2.0 cr)
- PSY 4770 - Empirical Investigations in Psychology I (2.0 cr)
- PSY 4771 - Independent Research in Psychology (1.0 - 6.0 cr)
- PSY 4772 - Empirical Investigations in Psychology II (2.0 cr)
- PSY 4896 - Field Experiences in Mental Health (1.0 - 4.0 cr)
- PSY 4993 - Directed Study (1.0 - 5.0 cr)
- STAT 3601 - Data Analysis [M/SR] (4.0 cr)



- [STAT 3611](#) - Multivariate Statistical Analysis [M/SR] (4.0 cr)



Morris Campus

Psychology Minor

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 30

The psychology curriculum focuses on understanding scientific methods and applying them to both human and non-human behaviors and mental processes. It provides students with methodological skills, practice in applying these skills, and an introduction to core areas of psychology. The major provides a comprehensive selection of courses that fully prepare students for a wide range of careers and graduate and professional studies.

The psychology curriculum is designed to ensure that students achieve the following goals:

Goal 1: Knowledge base in psychology

- 1.1 Understand the spectrum of psychological phenomena related to behavior and mental processes and how the environment (ranging from biological to sociocultural influences) affects both.
- 1.2 Obtain a knowledge of psychology's main content domains and applications.

Goal 2: Scientific inquiry and critical thinking

- 2.1 Ability to use scientific reasoning to interpret psychological phenomena.
- 2.2 Demonstrate psychology information literacy.
- 2.3 Engage in innovative and integrative thinking and problem solving.
- 2.4 Gain exposure to interpreting, designing, and conducting psychological research.
- 2.5 Attain awareness of ethical issues in psychology.

Goal 3: Communication

- 3.1 Demonstrate effective writing.
- 3.2 Exhibit effective presentation skills.
- 3.3 Exhibit effective discussion skills.

Goal 4: Information and technological literacy

- 4.1 Exposure to psychological statistical packages.
- 4.2 Ability to utilize databases related to psychology.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- [PSY 1051](#) - Introduction to Psychology [SS] (4.0 cr)
- [PSY 2001](#) - Research Methods in Psychology [SS] (4.0 cr)
- [STAT 1601](#) - Introduction to Statistics [M/SR] (4.0 cr)
or [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)

Take at least one course from four of the five following areas. One must be a designated lab course. Lab courses include: Psy 3101, 3111, 3112, 3201, 3211, 3521.

Learning and Cognition

Take 0 - 1 course(s) from the following:

- [PSY 2112](#) - Psycholinguistics [SS] (4.0 cr)
- [PSY 3101](#) - Learning Theory and Behavior Modification (4.0 cr)
- [PSY 3111](#) - Sensation and Perception (4.0 cr)



- PSY 3112 - Cognition (4.0 cr)
- PSY 3504 - Educational Psychology (4.0 cr)

Biological and Comparative Psychology

Take 0 - 1 course(s) from the following:

- PSY 3201 - Comparative Psychology [SCI-L] (4.0 cr)
- PSY 3211 - Biological Psychology [SCI-L] (4.0 cr)
- PSY 3216 - Cognitive Neuroscience (4.0 cr)
- PSY 3521 - Health Psychology (4.0 cr)
- PSY 3581 - Psychopharmacology (2.0 cr)

Personality and Clinical Psychology

Take 0 - 1 course(s) from the following:

- PSY 3302 - Personality (4.0 cr)
- PSY 3313 - Psychopathology (4.0 cr)
- PSY 3314 - Child and Adolescent Psychopathology (4.0 cr)
- PSY 4101 - Helping Relationships (4.0 cr)
- PSY 4301 - Clinical Assessment and Therapeutic Interventions (4.0 cr)

Developmental Psychology

Take 0 - 1 course(s) from the following:

- PSY 2411 - Lifespan Developmental Psychology [SS] (4.0 cr)
- PSY 3051 - The Psychology of Women and Gender [HDIV] (4.0 cr)
- PSY 3401 - Child Development (4.0 cr)
- PSY 3402 - Adolescent and Emerging Adult Development (4.0 cr)
- PSY 3403 - Adult Development and Aging [E/CR] (4.0 cr)

Social and Applied Psychology

Take 0 - 1 course(s) from the following:

- PSY 3501 - Social Psychology (4.0 cr)
- PSY 3503 - Consumer Behavior [SS] (4.0 cr)
- PSY 3513 - Negotiation (4.0 cr)
- PSY 3542 - Multicultural Psychology [HDIV] (4.0 cr)
- PSY 3701 - Organizational Behavior [SS] (4.0 cr)

Elective Courses

Additional elective credits to total at least 30 credits in the minor (including required courses). No more than 4 credits of either IS 3796 or Psy 4896 may be applied to the minor.

Electives may be selected from any category above and the following:

Take 1 or more course(s) from the following:

- IS 3796 - Interdisciplinary Internship in the Helping Professions (1.0 - 16.0 cr)
- IS 3800 - Practicum in Social Sciences (1.0 - 2.0 cr)
- POL 3263 - Political Psychology [SS] (4.0 cr)
- PSY 1026 - Reclaiming Happiness (1.0 cr)
- PSY 2402 - Family Interaction Dynamics [SS] (4.0 cr)
- PSY 2581 - Drugs and Human Behavior [SS] (2.0 cr)
- PSY 2993 - Directed Study (1.0 - 5.0 cr)
- PSY 3611 - History and Philosophy of Psychology [HIST] (4.0 cr)
- PSY 3800 - Research Practicum (1.0 - 12.0 cr)
- PSY 3993 - Directed Study (1.0 - 5.0 cr)
- PSY 4102 - Intro to Prof Conduct, Legal Constraints, Ethics in Human Services [E/CR] (2.0 cr)
- PSY 4770 - Empirical Investigations in Psychology I (2.0 cr)
- PSY 4771 - Independent Research in Psychology (1.0 - 6.0 cr)
- PSY 4772 - Empirical Investigations in Psychology II (2.0 cr)
- PSY 4896 - Field Experiences in Mental Health (1.0 - 4.0 cr)
- PSY 4993 - Directed Study (1.0 - 5.0 cr)
- STAT 3601 - Data Analysis [M/SR] (4.0 cr)
- STAT 3611 - Multivariate Statistical Analysis [M/SR] (4.0 cr)

**Morris Campus****Secondary Education***Division of Education***Division of Education**

- Program Type: Other
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 41 to 43
- This program is 8 terms (4 years) long.

This discipline is in the Division of Education. A separate admissions process must be completed and admission granted before students can enroll in this program.

The secondary education program leads to Minnesota licensure as a teacher in specified liberal arts disciplines.

Program Student Learning Outcomes (PSLOs)-Coursework in secondary education is designed to meet standards of effective practice required for licensure and provide prospective teachers with opportunities to do the following:

Understand central concepts, tools of inquiry, and structures of disciplines taught in the middle and secondary school;
Understand adolescent development theory, individual and group motivation, and diversity among learners;
Create instructional opportunities adapted to learners from diverse cultural backgrounds and with exceptionalities;
Use instructional strategies and technologies that reflect personal knowledge of effective verbal, nonverbal, and media communication techniques;
Encourage development of critical thinking, problem solving, and performance skills;
Understand and use formative and summative methods of student assessment;
Collaborate with parents/guardians, families, school colleagues, and the community in an ethical manner.

To obtain a teaching license, an individual must have completed a major, a bachelor's degree, and licensure requirements in the area(s) in which licensure is sought. UMM is approved to recommend teaching licensure in the following fields: chemistry (9-12), communication arts and literature (5-12), general science (5-8), instrumental music (K-12), life science (9-12), mathematics (5-12), physics (9-12), social studies (5-12), Spanish (K-12), visual arts (K-12), and vocal music (K-12).

Coursework required for licensure, in most cases, is not equivalent to a major. Consult an advisor in the discipline to determine major requirements.

Students planning to seek Minnesota teaching licensure at the secondary school level must complete licensure requirements in the discipline(s) of the subject(s) they intend to teach, the secondary teacher education program, and state and federally mandated examinations for new teachers. Students must be in good academic standing, not on probation and not returning from suspension to be admitted. In addition, a minimum GPA of 2.75 is required in licensure area(s) and in education prerequisite courses. A minimum GPA of 2.50 is required overall. The GPA includes all course work. Grades of "F" are included in GPA calculation until they are replaced. All courses required for teaching licensure in secondary education (discipline, professional education, or other courses) must be completed with a grade of C- or better. Required courses must be taken A-F, unless they are offered S/N only.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

Students must complete 90 credits before admission to the program.

A GPA above 2.0 is preferred for the following:

- 2.75 already admitted to the degree-granting college
- 2.75 transferring from another University of Minnesota college
- 2.75 transferring from outside the University

For admission to the one-year program which begins each fall, students must apply in the fall of the preceding year. Decisions are made in the spring.

Transfer students must be admitted to UMM before admission to the secondary program can be offered. Transfer students should seek academic advising from the secondary education faculty before application to the program.

Requirements

Admission to UMM.

Completion of required essential academic skills exams.

A minimum GPA of 2.75 is required in licensure area(s), program requirements, and prerequisite courses and 2.50 overall. No grade below C- will be accepted in these courses.

Completion or near-completion of licensure courses in the content/licensure area(s) and demonstration of adequate progress in each licensure area.

Declared SEED program and licensure.

Approval of the Ed faculty based on an interview, recommendations from content area faculty, prior experiences with young people, and progress towards degree.

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

Required prerequisites

Courses Required for Admission

[CMR 1042](#) - Public Speaking and Analysis [E/CR] (4.0 cr)

[ED 2111](#) - Tutor-Aide Practicum (1.0 cr)

[ED 2121](#) - Introduction to Education [SS] (4.0 cr)

[PSY 2581](#) - Drugs and Human Behavior [SS] (2.0 cr)

[ED 2601](#) - Development, Learning, and Teaching [SS] (2.0 cr)

or [PSY 2411](#) - Lifespan Developmental Psychology [SS] (4.0 cr)

or [PSY 3401](#) - Child Development (4.0 cr)

or [PSY 3504](#) - Educational Psychology (4.0 cr)

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Student Teaching Requirements

Students must successfully complete the following requirements before student teaching.

1. GPA and Grade Requirement

2.75 minimum GPA required in licensure area(s), program requirements, and education prerequisite courses and 2.50 overall. No grade below C- will be accepted.

2. Secondary Education Program Requirements

[SEED 4102](#) - Teaching and Learning Strategies (2.0 cr)

[SEED 4103](#) - Practicum Experience in the Middle and Secondary School (4.0 cr)

[SEED 4104](#) - Equity, Diversity, and Justice in Education [HDIV] (2.0 cr)

[SEED 4105](#) - Reading and Literacy in the Content Areas (2.0 cr)

[SEED 4115](#) - Disciplinary Language and Literacy [HUM] (2.0 cr)

[SEED 4121](#) - Inclusion in the Secondary School (2.0 cr)

3. Area Methods Course(s)

[ARTE 4123](#) - Methods of Teaching Art K-12 (4.0 cr)

or [ENGE 4121](#) - Methods of Teaching Communication Arts and Literature in the Middle and Secondary School (4.0 cr)

or [LANE 4123](#) - Methods of Teaching Foreign Language K-12 (4.0 cr)

or [MTHE 4121](#) - Methods of Teaching Mathematics in the Middle and Secondary School (4.0 cr)

or [MUSE 4123](#) - Methods of Teaching Music K-12 (4.0 cr)

or [SCIE 4121](#) - Methods of Teaching Science in the Middle and Secondary School (4.0 cr)

or [SSCE 4121](#) - Methods of Teaching Social Science in the Middle and Secondary School (4.0 cr)

4. Tutor-aid and Practicum Experiences

[ED 2111](#)-Tutor Aide Practicum and [SEED 4103](#)-Practicum Experience in the Middle and Secondary School

5. Essential Academic Skills Examination

Passing scores on required essential academic skills examinations or faculty approved remediation plan.

6. Discipline Recommendation

Approval of SeEd faculty based on recommendations from faculty in the student's discipline.

Additional Licensure Requirements

Students planning to teach at the secondary level must meet licensure requirements of the Professional Educator Licensing and Standards Board, which change as new rules are adopted. Students must complete licensure requirements and apply for licensure within seven years of admission to the program. After seven years, prior education courses are void and must be retaken. Coursework in the licensure area must also meet current requirements; therefore, some content courses may need to be retaken.

Examinations

Passing scores on all state-required basic skills, pedagogy, content, and performance examination.

Student Teaching

[SEED 4201](#) - Directed Student Teaching in the Middle and Secondary School [HDIV] (12.0 cr)

or [SEED 4204](#) - Directed Global Student Teaching at the Middle and Secondary Level [IP] (1.0 - 16.0 cr)

Professional Development Course

[ED 4901](#) - The Teacher and Professional Development (1.0 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans.

Chemistry 9-12

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.

Required Courses

[CHEM 1101](#) - General Chemistry I [SCI-L] (5.0 cr)

[CHEM 1102](#) - General Chemistry II [SCI-L] (5.0 cr)

[CHEM 2301](#) - Organic Chemistry I [SCI] (4.0 cr)

[CHEM 2311](#) - Organic Chemistry Lab I (1.0 cr)

[CHEM 2321](#) - Introduction to Research I (1.0 cr)

[CHEM 2322](#) - Introduction to Research II (1.0 cr)

[CHEM 3101](#) - Analytical Chemistry [SCI-L] (4.0 cr)

[CHEM 3501](#) - Physical Chemistry: Thermodynamics [SCI] (4.0 cr)

[BIOL 2111](#) - Cell Biology [SCI-L] (4.0 cr)

[MATH 1101](#) - Calculus I [M/SR] (5.0 cr)

[PHYS 1101](#) - General Physics I [SCI-L] (5.0 cr)

[CHEM 2302](#) - Organic Chemistry II [SCI] (4.0 cr)

or [CHEM 2304](#) - Organic Chemistry II with a Biological Emphasis [SCI] (4.0 cr)

Communication Arts and Literature 5-12

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.

Required Courses

Study of Shakespeare (ENGL 3159-Shakespeare: Studies in the Bard or ENGL 2059-Introduction to Shakespeare) strongly recommended. ENGL 2059 preferred.

[CMR 1101](#) - Introduction to Theories of Communication, Media, and Rhetoric [HUM] (4.0 cr)

[ED 2201](#) - Perspectives on Young Adult Literature: Schooling, Society, and Culture [HUM] (4.0 cr)

[ENGL 1509](#) - Literary Studies [HUM] (4.0 cr)

[ENGL 3021](#) - Grammar and Language [HUM] (4.0 cr)

[ENGL 3005](#) - Understanding Writing: Theories and Practices [HUM] (4.0 cr)

or [ENGL 3032](#) - Creative Nonfiction Writing [ART/P] (4.0 cr)

[ENGL 3301](#) - U.S. Multicultural Literature [HDIV] (4.0 cr)

or [ENGL 3312](#) - World Indigenous Literature and Film [HDIV] (4.0 cr)

Speaking Experience

Take exactly 1 course(s) from the following:

• [CMR 2311](#) - Media History and Society [SS] (4.0 cr)

• [CMR 2421](#) - Business and Professional Communication [E/CR] (4.0 cr)

• [CMR 3121](#) - Rhetorical Criticism and Cinema [HUM] (4.0 cr)

• [CMR 3312](#) - Media Literacy (4.0 cr)

• [CMR 3411](#) - Intercultural Communication Theory and Research [HDIV] (4.0 cr)

Theater Experience

TH 2211-Oral Interpretation is preferred.

Take exactly 1 course(s) from the following:

• [TH 2111](#) - Creative Drama with Children [ART/P] (4.0 cr)

• [TH 2112](#) - Drama in the Classroom [ART/P] (2.0 cr)

• [TH 2211](#) - Oral Interpretation [ART/P] (4.0 cr)

• [TH 2212](#) - Interpretation for Performance [ART/P] (2.0 cr)

General Science 5-8

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.



Required Courses

- BIOL 2101 - Evolution of Biodiversity [SCI-L] (4.0 cr)
- CHEM 1101 - General Chemistry I [SCI-L] (5.0 cr)
- CHEM 1102 - General Chemistry II [SCI-L] (5.0 cr)
- GEOL 1101 - Physical Geology [SCI-L] (4.0 cr)
- PHYS 1052 - The Solar System [SCI-L] (5.0 cr)

Principles of Physics

- PHYS 1091 - Principles of Physics I [SCI-L] (5.0 cr)
- PHYS 1092 - Principles of Physics II [SCI-L] (5.0 cr)

or General Physics

- PHYS 1101 - General Physics I [SCI-L] (5.0 cr)
- PHYS 1102 - General Physics II [SCI-L] (5.0 cr)

Instrumental Music K-12

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.

Required Courses

- MUS 1151 - Foundations of Music Theory I: Rhythm and Pitch [M/SR] (2.0 cr)
- MUS 1152 - Foundations of Music Theory II: Line [FA] (2.0 cr)
- MUS 1153 - Foundations of Musicianship I (1.0 cr)
- MUS 1154 - Foundations of Musicianship II (1.0 cr)
- MUS 1155 - Foundations in Music History I: Ancient to 1750 [HIST] (2.0 cr)
- MUS 1156 - Foundations in Music History II: 1750 to Contemporary [FA] (2.0 cr)
- MUS 2151 - Intermediate Music Theory: Form (2.0 cr)
- MUS 2152 - Intermediate Music Theory: Harmony (2.0 cr)
- MUS 2301 - Instrumental Techniques--Woodwind (1.0 cr)
- MUS 2302 - Instrumental Techniques--Brass (1.0 cr)
- MUS 2303 - Instrumental Techniques--Strings (1.0 cr)
- MUS 2304 - Vocal Techniques (1.0 cr)
- MUS 2305 - Instrumental Techniques--Percussion (1.0 cr)
- MUS 2405 - Survey of Instrumental Wind Literature [FA] (2.0 cr)
- MUS 3311 - Conducting Techniques (2.0 cr)
- MUS 3321 - Instrumental Conducting and Materials (2.0 cr)
- MUS 3351 - Instrumental Arranging [ART/P] (2.0 cr)
- MUS 4901 - Senior Project and Portfolio (1.0 cr)
- MUS 2404 - The Orchestra and its Literature from the 1700s through Today [FA] (2.0 cr)
or MUS 2406 - Jazz Style and Repertoire [FA] (2.0 cr)

Advanced Music Theory

Take exactly 4 credit(s) from the following:

- MUS 3108 - Intellectual Foundations of Western Music [HUM] (2.0 cr)
- MUS 3109 - Analysis of Popular Music [HUM] (2.0 cr)
- MUS 3110 - History of Music Theory: From the Renaissance to the Baroque (2.0 cr)
- MUS 3111 - History of Music Theory: Rameau to Riemann (2.0 cr)
- MUS 3112 - Analysis of Pre-Tonal Music (2.0 cr)
- MUS 3113 - Analysis of Post-Tonal Music (2.0 cr)

Advanced Music History

Take exactly 4 credit(s) from the following:

- MUS 3107 - Music in 20th-Century America [FA] (2.0 cr)
- MUS 3114 - Musical Borrowing [FA] (2.0 cr)
- MUS 3115 - Gender and Sexuality in Music [FA] (2.0 cr)
- MUS 3116 - Music and Identity [FA] (2.0 cr)
- MUS 3117 - Music in Film [FA] (2.0 cr)
- MUS 3118 - Music and Politics [FA] (2.0 cr)

Concert Attendance

Instrumental licensure students are required to enroll in seven semesters of Concert Attendance.

- MUS 100 - Music Performance Lab (0.0 cr)

Symphonic Winds

Instrumental licensure students are required to enroll in seven semesters of Symphonic Winds.

- MUS 1300 - UMM Symphonic Winds [ART/P] (1.0 cr)

Piano Proficiency

Music theory courses are taken concurrently with piano lessons or functional keyboard for the Music Major, (Mus 1111, 1112, 2111, 2112) until the piano proficiency test is passed.

Primary Performance Medium- Mus 12xx/Mus 32xx



Individual performance study in wind, string, percussion, or keyboard. Students should consult with music faculty to determine performance study requirements.

Secondary Performance Medium

Secondary performance competence in woodwind, brass, string, percussion, keyboard. Students should consult with music faculty to determine performance study requirements.

Instrument Repair Clinic

Successful completion of the instrument repair clinic.

Life Science 9-12

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.

Required Courses

- BIOL 1111 - Fundamentals of Genetics, Evolution, and Development [SCI] (3.0 cr)
- BIOL 2101 - Evolution of Biodiversity [SCI-L] (4.0 cr)
- BIOL 2111 - Cell Biology [SCI-L] (4.0 cr)
- BIOL 3121 - Molecular Biology [SCI-L] (4.0 cr)
- BIOL 3131 - Ecology [SCI-L] (4.0 cr)
- BIOL 3701 - Biological Communication II (1.0 cr)
- BIOL 4312 - Genetics (4.0 cr)
- BIOL 4901 - Senior Seminar (1.0 cr)
- CHEM 1101 - General Chemistry I [SCI-L] (5.0 cr)
- MATH 1021 - Survey of Calculus [M/SR] (4.0 cr)
or MATH 1101 - Calculus I [M/SR] (5.0 cr)
- STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
or STAT 2601 - Statistical Methods [M/SR] (4.0 cr)

Mathematics 5-12

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.

Required Courses

- MATH 1101 - Calculus I [M/SR] (5.0 cr)
- MATH 1102 - Calculus II [M/SR] (5.0 cr)
- MATH 2101 - Calculus III [M/SR] (4.0 cr)
- MATH 2202 - Mathematical Perspectives [M/SR] (4.0 cr)
- MATH 2211 - History of Mathematics (4.0 cr)
- MATH 3111 - Linear Algebra (4.0 cr)
- MATH 3211 - Geometry [M/SR] (4.0 cr)
- MATH 3231 - Abstract Algebra I (4.0 cr)
- MATH 3411 - Discrete and Combinatorial Mathematics (4.0 cr)
- STAT 2601 - Statistical Methods [M/SR] (4.0 cr)
or STAT 2611 - Mathematical Statistics [M/SR] (4.0 cr)

Physics 9-12

It is recommended that this license be combined with an additional teaching license (e.g., Mathematics 5-12, General Science 5-8). Due to a dearth of full-time field placements, candidates in this licensure area may need to do their student teaching outside of the Morris area (e.g., Twin Cities, Global Student Teaching, etc.).

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.

Required Courses

Also recommended (required for physics major): MATH 2101-Calculus III, MATH 2401-Differential Equations

- MATH 1101 - Calculus I [M/SR] (5.0 cr)
- MATH 1102 - Calculus II [M/SR] (5.0 cr)
- PHYS 1101 - General Physics I [SCI-L] (5.0 cr)
- PHYS 1102 - General Physics II [SCI-L] (5.0 cr)
- PHYS 2101 - Modern Physics [SCI-L] (4.0 cr)
- PHYS 2201 - Circuits and Electronic Devices [SCI-L] (4.0 cr)
- PHYS 3101 - Classical Mechanics [SCI] (4.0 cr)
- PHYS 3301 - Optics (4.0 cr)
- PHYS 3501 - Statistical Physics [SCI] (4.0 cr)
- PHYS 4101 - Electromagnetism (4.0 cr)
- PHYS 4201 - Quantum Mechanics (4.0 cr)



Research

Other research experiences (e.g., UROP, internship) can be substituted with discipline approval.

Take exactly 1 sub-requirements(s) from the following:

Senior Thesis

- PHYS 4901 - Senior Thesis I (1.0 cr)
- PHYS 4902 - Senior Thesis II (1.0 cr)

Directed Research

- PHYS 1993 - Directed Study (1.0 - 5.0 cr)
- or PHYS 2993 - Directed Study (1.0 - 5.0 cr)
- or PHYS 3993 - Directed Study (1.0 - 5.0 cr)
- or PHYS 4993 - Directed Study (1.0 - 5.0 cr)

Social Studies 5-12

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.

Required Courses

- ANTH 1111 - Introductory Cultural Anthropology [SS] (4.0 cr)
- ECON 1111 - Principles of Microeconomics [SS] (4.0 cr)
- ECON 1112 - Principles of Macroeconomics [SS] (4.0 cr)
- GEOG 2001 - Problems in Geography [ENVT] (4.0 cr)
- HIST 1111 - Introduction to World History [HIST] (4.0 cr)
- HIST 1301 - Introduction to U.S. History [HIST] (4.0 cr)
- POL 1201 - American Government and Politics [E/CR] (4.0 cr)
- PSY 1051 - Introduction to Psychology [SS] (4.0 cr)
- SOC 1101 - Introductory Sociology [SS] (4.0 cr)
- STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
- or STAT 2601 - Statistical Methods [M/SR] (4.0 cr)

Area of focus:

Students work closely with their advisors to plan a program that satisfies the required competencies in a chosen sub-plan and in the social science disciplines. The sub-plan most often is demonstrated by completing the minor in that discipline.

Anthropology

Required Courses

Introductory Anthropology

- ANTH 1103 - People of the Past: Introduction to Archaeology [SS] (4.0 cr)
- ANTH 1201 - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)

Anthropological Methods

- ANTH 2001 - How We Study People: Introduction to Methods in Cultural Anthropology [SS] (2.0 cr)
- or ANTH 2002 - Learning from the Dead: Introduction to Methods in Archaeology and Biological Anthropology [SS] (2.0 cr)

Anthropological Theory

- ANTH 3001 - Theory in Cultural Anthropology (2.0 cr)
- or ANTH 3002 - Theory in Archaeology and Biological Anthropology (2.0 cr)

Elective Courses

An additional 8 credits (exclusive of those used to complete required courses) in anthropology and sociology; 4 of which must be above 2xxx courses. No more than 4 credits can be from IS 3796.

Lower Division Elective Courses

Take at most 4 credit(s) from the following:

- ANTH 1xxx
- SOC 1xxx
- ANTH 2xxx
- SOC 2xxx

Upper Division Elective Courses

Take 4 or more credit(s) from the following:

- ANTH 3204 - Culture, Food, and Agriculture [ENVT] (4.0 cr)
- ANTH 3251 - Health and Human Ecology [ENVT] (2.0 cr)
- ANTH 3402 - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- ANTH 3455 - North American Archaeology [SS] (4.0 cr)
- ANTH 3461 - Archaeology of Eurasia and Africa [SS] (4.0 cr)
- ANTH 3502 - Latinos in the Midwest [SS] (4.0 cr)
- ANTH 3603 - Latin American Archaeology [SS] (4.0 cr)
- ANTH 3604 - Gender and Sexuality in Latin America [IP] (4.0 cr)
- ANTH 3701 - Forensic Anthropology [SCI-L] (4.0 cr)
- ANTH 3704 - Anthropological Genetics [SCI] (4.0 cr)



- [ANTH 3705](#) - The Archaeology of Death and Burial (4.0 cr)
- [ANTH 3751](#) - Primatology [SCI] (2.0 cr)
- [ANTH 3761](#) - Human Fossil Record [SCI] (2.0 cr)
- ANTH 3xxx
- [ANTH 4501](#) - Archaeological Fieldschool [SS] (4.0 cr)
- ANTH 4xxx
- [IS 3796](#) - Interdisciplinary Internship in the Helping Professions (1.0 - 16.0 cr)
- [SOC 3103](#) - Research Methodology in Sociology (4.0 cr)
- [SOC 3112](#) - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- [SOC 3121](#) - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- [SOC 3122](#) - Sociology of Childhoods [HDIV] (4.0 cr)
- [SOC 3123](#) - Sociology of Aging [HDIV] (4.0 cr)
- [SOC 3131](#) - World Population [ENVT] (4.0 cr)
- [SOC 3141](#) - Sociology of Deviance [E/CR] (4.0 cr)
- [SOC 3252](#) - Women in Muslim Society [IP] (4.0 cr)
- [SOC 3403](#) - Sociological Theory (4.0 cr)
- SOC 3xxx
- SOC 4xxx

-OR-

Economics

Required Courses

- [ECON 3201](#) - Microeconomic Theory (4.0 cr)
- [ECON 3202](#) - Macroeconomic Theory (4.0 cr)
- [MATH 1101](#) - Calculus I [M/SR] (5.0 cr)

Elective Courses

No more than 4 cr from each of the following can be applied to the sub-plan: [ECON x993](#), [ECON 4501](#), [ECON 4502](#)

Take 6 or more credit(s) from the following:

- [ECON 3005](#) - Experimental and Behavioral Economics I (2.0 cr)
- [ECON 3006](#) - Experimental and Behavioral Economics II (2.0 cr)
- [ECON 3007](#) - Environmental and Natural Resource Economics I [ENVT] (2.0 cr)
- [ECON 3008](#) - Environmental and Natural Resource Economics II [ENVT] (2.0 cr)
- [ECON 3009](#) - Political Economy (4.0 cr)
- [ECON 3014](#) - Game Theory: The Theory of Strategic Behavior I (2.0 cr)
- [ECON 3015](#) - Game Theory: The Theory of Strategic Behavior II (2.0 cr)
- [ECON 3113](#) - Money, Banking, and Financial Markets (4.0 cr)
- [ECON 3121](#) - Public Economics I (2.0 cr)
- [ECON 3122](#) - Public Economics II (2.0 cr)
- [ECON 3131](#) - Comparative Economic Systems [IP] (2.0 cr)
- [ECON 3134](#) - Cooperative Business Model (2.0 cr)
- [ECON 3136](#) - Economics of the Green Power Transition: New Business Models and Regulatory Strategies [ENVT] (2.0 cr)
- [ECON 3141](#) - Economic Growth and Development I [IP] (2.0 cr)
- [ECON 3142](#) - Economic Growth and Development II [IP] (2.0 cr)
- [ECON 3172](#) - Strategic Firm Interaction and Market Structures (4.0 cr)
- [ECON 3173](#) - Health Care Economics (4.0 cr)
- [ECON 3211](#) - History of Economic Thought I [HIST] (2.0 cr)
- [ECON 3212](#) - History of Economic Thought II [HIST] (2.0 cr)
- [ECON 3501](#) - Introduction to Econometrics [M/SR] (4.0 cr)
- [ECON 3993](#) - Directed Study (1.0 - 5.0 cr)
- ECON 3xxx
- [ECON 4101](#) - Labor Economics I [HDIV] (2.0 cr)
- [ECON 4102](#) - Labor Economics II (2.0 cr)
- [ECON 4111](#) - Mathematical Economics I (2.0 cr)
- [ECON 4112](#) - Mathematical Economics II (2.0 cr)
- [ECON 4121](#) - International Trade Theory (2.0 cr)
- [ECON 4131](#) - International Finance (2.0 cr)
- [ECON 4141](#) - Empirics of Economic Growth (2.0 cr)
- [ECON 4201](#) - Foundations of Microeconomic Theory (4.0 cr)
- [ECON 4501](#) - Senior Research Seminar in Economics and Management (2.0 cr)
- [ECON 4502](#) - Advanced Research Seminar in Economics and Management (2.0 cr)
- [ECON 4993](#) - Directed Study (1.0 - 5.0 cr)
- ECON 4xxx

-OR-

History



An additional 16 credits in history of which 12 credits are at 2xxx or above. There should be course work in at least three geographic areas, with at least one of these in a non-Western area. Refer to the history minor for the specific geographic areas.

Take at most 4 credit(s) from the following:

- HIST 1112 - Introduction to African History to 1880 [HIST] (4.0 cr)
- HIST 1113 - Introduction to African History since 1880 [HIST] (4.0 cr)
- HIST 1402 - Gender, Women, and Sexuality in American History [HDIV] (4.0 cr)
- HIST 1501 - Introduction to East Asian History: China, Japan, and Korea before 1800. [HIST] (4.0 cr)
- HIST 1601 - Latin American History: A Basic Introduction [IP] (4.0 cr)
- HIST 1xxx

Take 12 or more credit(s) from the following:

- HIST 2103 - Medieval Europe [HIST] (4.0 cr)
- HIST 2108 - Ancient Greek and Roman History [HIST] (4.0 cr)
- HIST 2132 - History of Fairy Tales and Folklore in Europe [HIST] (4.0 cr)
- HIST 2151 - Modern Europe [HIST] (4.0 cr)
- HIST 2251 - American Indians and the United States: A History [HDIV] (4.0 cr)
- HIST 2252 - Comparative Indigenous History: Beyond Native America [HIST] (4.0 cr)
- HIST 2352 - The U.S. 1960s [HIST] (4.0 cr)
- HIST 2452 - Minnesota History [HIST] (4.0 cr)
- HIST 2551 - Modern Japan [HIST] (4.0 cr)
- HIST 2552 - History of Modern China [HIST] (4.0 cr)
- HIST 2557 - History of Southeast Asia [HIST] (4.0 cr)
- HIST 2616 - Environmental History of Latin America [ENVT] (2.0 cr)
- HIST 2708 - Gender, Women, and Sexuality in Modern Europe [IP] (4.0 cr)
- HIST 2xxx
- HIST 3161 - The Enlightenment [HIST] (4.0 cr)
- HIST 3204 - Nazi Germany [HIST] (4.0 cr)
- HIST 3207 - The Crusades [IP] (4.0 cr)
- HIST 3209 - Modern Germany [HIST] (4.0 cr)
- HIST 3211 - Modern France [HIST] (4.0 cr)
- HIST 3303 - Creation of the American Republic [HIST] (4.0 cr)
- HIST 3304 - Race, Class, and Gender in American History [HDIV] (4.0 cr)
- HIST 3351 - The U.S. Presidency Since 1900 [SS] (4.0 cr)
- HIST 3353 - World War II [HIST] (4.0 cr)
- HIST 3355 - United States in Transition, 1877-1920 [HIST] (4.0 cr)
- HIST 3356 - Civil Rights Era, 1954-1974 [E/CR] (4.0 cr)
- HIST 3358 - Civil War and Reconstruction [HIST] (4.0 cr)
- HIST 3359 - Native Strategies for Survival, 1880-1920 [HDIV] (4.0 cr)
- HIST 3360 - American Experience in World War II [HIST] (4.0 cr)
- HIST 3361 - An Environmental and Geographic History of the United States [ENVT] (4.0 cr)
- HIST 3453 - The American Presidency, 1789-1900 [HIST] (4.0 cr)
- HIST 3455 - American Immigration [HDIV] (4.0 cr)
- HIST 3456 - History of Religion in America [HIST] (4.0 cr)
- HIST 3465 - History of the American Family [HIST] (4.0 cr)
- HIST 3467 - The Fracturing of America: A History of the United States from Nixon to Trump [HIST] (4.0 cr)
- HIST 3993 - Directed Study (1.0 - 5.0 cr)
- HIST 3xxx
- HIST 4993 - Directed Study (1.0 - 5.0 cr)
- HIST 4xxx

-OR-

Political Science

An additional 16 credits; 12 of which must be in courses 2xxx or above. At least 4 credits must be from 3xxx or 4xxx courses.

Elective Courses - 1xxx

Take at most 4 credit(s) from the following:

- POL 1101 - Introduction to Political Theory [E/CR] (4.0 cr)
- POL 1202 - Law and Society: Introduction to Public Law [SS] (4.0 cr)
- POL 1401 - World Politics [IP] (4.0 cr)
- POL 1xxx

Elective Courses - 2xxx

Take at most 8 credit(s) from the following:

- POL 2001 - Political Science Research Methods [SS] (4.0 cr)
- POL 2202 - Criminal Justice and Policing (4.0 cr)
- POL 2221 - The American Judicial Process [SS] (2.0 cr)
- POL 2222 - The U.S. Supreme Court [SS] (2.0 cr)
- POL 2234 - Race, Class and Power: Social Movements in U.S. Politics [HDIV] (2.0 cr)



- POL 2235 - Race, Class and Power: Interest Groups in U.S. Politics [HDIV] (2.0 cr)
- POL 2261 - States: Laboratories of American Democracy [E/CR] (2.0 cr)
- POL 2262 - Power and Politics in American Cities and Communities [E/CR] (2.0 cr)
- POL 2301 - Anarchy and Utopia [HUM] (2.0 cr)
- POL 2302 - Gandhi and the Politics of Resistance [SS] (2.0 cr)
- POL 2354 - Political Ethics [E/CR] (4.0 cr)
- POL 2401 - U.S. Foreign Policy [IP] (4.0 cr)
- POL 2411 - Model United Nations [IP] (4.0 cr)
- POL 2461 - Diplomatic Negotiation [IP] (4.0 cr)
- POL 2501 - East Asian Society and Politics [SS] (4.0 cr)
- POL 2xxx

Elective Courses - 3xxx or above

Take 4 or more credit(s) from the following:

- POL 3201 - Legislative Process [SS] (4.0 cr)
- POL 3211 - The American Presidency [SS] (4.0 cr)
- POL 3231 - Constitutional Law: Civil Liberties and Civil Rights [HDIV] (4.0 cr)
- POL 3232 - Constitutional Law: Governmental Powers and Constraints [SS] (4.0 cr)
- POL 3251 - American Democracy in Action: Campaigns, Elections, and Political Behavior [SS] (4.0 cr)
- POL 3263 - Political Psychology [SS] (4.0 cr)
- POL 3266 - Media in American Politics [SS] (4.0 cr)
- POL 3272 - Making Environmental Public Policy [ENVT] (4.0 cr)
- POL 3302 - Islamic Political Thought [SS] (2.0 cr)
- POL 3303 - Gender, Sexuality, and Political Theory [SS] (2.0 cr)
- POL 3351 - Ancient and Medieval Political Thought [HUM] (4.0 cr)
- POL 3352 - Modern Political Thought [HUM] (4.0 cr)
- POL 3355 - Environmental Political Theory [ENVT] (4.0 cr)
- POL 3411 - International Law [IP] (4.0 cr)
- POL 3451 - Comparative Foreign Policy (4.0 cr)
- POL 3453 - Russian Politics and Foreign Policy [IP] (4.0 cr)
- POL 3475 - International Human Rights (4.0 cr)
- POL 3504 - Latin American Politics (4.0 cr)
- POL 3996 - Field Study in Political Science (1.0 - 16.0 cr)
- POL 3xxx
- POL 4205 - Seminar in American Politics (4.0 cr)
- POL 4305 - Seminar in Political Theory (4.0 cr)
- POL 4405 - Seminar in Comparative Politics and International Relations (4.0 cr)
- POL 4xxx

-OR-

Psychology**Required Course**

- PSY 2001 - Research Methods in Psychology [SS] (4.0 cr)

Required Areas

Students must complete at least one course from four of the five areas. One must be a designated lab course.

Take exactly 4 course(s) including exactly 4 sub-requirements(s) from the following:

Learning and Cognition

Take 0 or more course(s) from the following:

- PSY 2112 - Psycholinguistics [SS] (4.0 cr)
- PSY 3101 - Learning Theory and Behavior Modification (4.0 cr)
- PSY 3111 - Sensation and Perception (4.0 cr)
- PSY 3112 - Cognition (4.0 cr)
- PSY 3504 - Educational Psychology (4.0 cr)

Biological and Comparative Psychology

Take 0 or more course(s) from the following:

- PSY 3201 - Comparative Psychology [SCI-L] (4.0 cr)
- PSY 3211 - Biological Psychology [SCI-L] (4.0 cr)
- PSY 3216 - Cognitive Neuroscience (4.0 cr)
- PSY 3521 - Health Psychology (4.0 cr)
- PSY 3581 - Psychopharmacology (2.0 cr)

Personality and Clinical Psychology

Take 0 or more course(s) from the following:

- PSY 3302 - Personality (4.0 cr)
- PSY 3313 - Psychopathology (4.0 cr)
- PSY 3314 - Child and Adolescent Psychopathology (4.0 cr)
- PSY 4101 - Helping Relationships (4.0 cr)



- PSY 4301 - Clinical Assessment and Therapeutic Interventions (4.0 cr)

•Developmental Psychology

Take 0 or more course(s) from the following:

- PSY 2411 - Lifespan Developmental Psychology [SS] (4.0 cr)
- PSY 3051 - The Psychology of Women and Gender [HDIV] (4.0 cr)
- PSY 3401 - Child Development (4.0 cr)
- PSY 3403 - Adult Development and Aging [E/CR] (4.0 cr)

•Social and Applied Psychology

Take 0 or more course(s) from the following:

- PSY 3501 - Social Psychology (4.0 cr)
- PSY 3503 - Consumer Behavior [SS] (4.0 cr)
- PSY 3513 - Negotiation (4.0 cr)
- PSY 3542 - Multicultural Psychology [HDIV] (4.0 cr)
- PSY 3701 - Organizational Behavior [SS] (4.0 cr)

Elective Courses

Additional elective credits to total at least 22 credits in the psychology sub-plan (including required courses). No more than 4 credits of IS 3796 or Psy 4896 may be applied to the sub-plan.

Take 0 or more course(s) from the following:

- IS 3796 - Interdisciplinary Internship in the Helping Professions (1.0 - 16.0 cr)
- IS 3800 - Practicum in Social Sciences (1.0 - 2.0 cr)
- POL 3263 - Political Psychology [SS] (4.0 cr)
- PSY 1026 - Reclaiming Happiness (1.0 cr)
- PSY 2402 - Family Interaction Dynamics [SS] (4.0 cr)
- PSY 2993 - Directed Study (1.0 - 5.0 cr)
- PSY 3611 - History and Philosophy of Psychology [HIST] (4.0 cr)
- PSY 3800 - Research Practicum (1.0 - 12.0 cr)
- PSY 3993 - Directed Study (1.0 - 5.0 cr)
- PSY 4102 - Intro to Prof Conduct, Legal Constraints, Ethics in Human Services [E/CR] (2.0 cr)
- PSY 4770 - Empirical Investigations in Psychology I (2.0 cr)
- PSY 4771 - Independent Research in Psychology (1.0 - 6.0 cr)
- PSY 4772 - Empirical Investigations in Psychology II (2.0 cr)
- PSY 4896 - Field Experiences in Mental Health (1.0 - 4.0 cr)
- PSY 4993 - Directed Study (1.0 - 5.0 cr)
- STAT 3601 - Data Analysis [M/SR] (4.0 cr)
- STAT 3611 - Multivariate Statistical Analysis [M/SR] (4.0 cr)

-OR-

Sociology

Required Courses

- SOC 3103 - Research Methodology in Sociology (4.0 cr)
- SOC 3403 - Sociological Theory (4.0 cr)

Elective Courses

No more than 4 credits of the 12 elective credits required for the sub-plan can be from ANTH courses. No more than 4 cr can be from IS 3796. SOC 4991 is strongly recommended.

Take at most 4 credit(s) from the following:

- ANTH 1103 - People of the Past: Introduction to Archaeology [SS] (4.0 cr)
- ANTH 1201 - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)
- ANTH 2202 - Men and Masculinities [SS] (4.0 cr)
- ANTH 2206 - Sex, Marriage, and Family [HDIV] (4.0 cr)
- ANTH 2501 - Medical Anthropology-An Overview [SS] (2.0 cr)
- ANTH 2xxx
- ANTH 3001 - Theory in Cultural Anthropology (2.0 cr)
- ANTH 3204 - Culture, Food, and Agriculture [ENVT] (4.0 cr)
- ANTH 3402 - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- ANTH 3455 - North American Archaeology [SS] (4.0 cr)
- ANTH 3502 - Latinos in the Midwest [SS] (4.0 cr)
- ANTH 3603 - Latin American Archaeology [SS] (4.0 cr)
- ANTH 3701 - Forensic Anthropology [SCI-L] (4.0 cr)
- ANTH 3704 - Anthropological Genetics [SCI] (4.0 cr)
- ANTH 3xxx
- ANTH 4411 - Research in Cultural Anthropology [E/CR] (4.0 cr)
- ANTH 4xxx
- IS 3796 - Interdisciplinary Internship in the Helping Professions (1.0 - 16.0 cr)

Take 12 or more credit(s) from the following:

- SOC 2201 - Sociology of Food [HDIV] (4.0 cr)



- SOC 2xxx
- SOC 3112 - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- SOC 3121 - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- SOC 3122 - Sociology of Childhoods [HDIV] (4.0 cr)
- SOC 3123 - Sociology of Aging [HDIV] (4.0 cr)
- SOC 3131 - World Population [ENVT] (4.0 cr)
- SOC 3141 - Sociology of Deviance [E/CR] (4.0 cr)
- SOC 3252 - Women in Muslim Society [IP] (4.0 cr)
- SOC 3xxx
- SOC 4991 - Sociology Independent Project Seminar (4.0 cr)
- SOC 4xxx

Spanish K-12

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.

Required Courses

Study abroad is strongly encouraged.

- SPAN 2001 - Intermediate Spanish I [IP] (4.0 cr)
- SPAN 2002 - Intermediate Spanish II [IP] (4.0 cr)
- SPAN 3011 - Conversation, Composition, and Culture [IP] (2.0 cr)
- SPAN 3012 - Spanish Grammar in Practice [IP] (2.0 cr)
- SPAN 3111 - Readings in Spanish I [HUM] (2.0 cr)
- SPAN 3112 - Readings in Spanish II [HUM] (2.0 cr)
- SPAN 3211 - Literature and Culture of Latin America [HUM] (4.0 cr)
- SPAN 3212 - Literature and Culture of Spain [HUM] (4.0 cr)

Seminar Electives

Take exactly 12 credit(s) from the following:

- SPAN 3651 - Seminar: Miguel de Cervantes Saavedra's "El ingenioso hidalgo Don Quijote de la Mancha" [HUM] (4.0 cr)
- SPAN 3654 - Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature [HUM] (4.0 cr)
- SPAN 3681 - Seminar: Romanticism and Revolution in 19th-Century Spain [HUM] (4.0 cr)
- SPAN 3682 - Seminar: Realism and Reform in 19th-Century Spain [HUM] (4.0 cr)
- SPAN 3683 - Seminar: Modernity and Identity in Spain, 1900-1930 [HUM] (4.0 cr)
- SPAN 3684 - Seminar: Hispanic Film [HUM] (4.0 cr)
- SPAN 3685 - Seminar: Slavery and Abolition in Cuban Literature and Culture [IP] (4.0 cr)
- SPAN 3686 - Seminar: Writing History in Spanish American Literature [HUM] (4.0 cr)
- SPAN 3687 - Seminar: Afro-Hispanic Literature and Culture [HDIV] (4.0 cr)
- SPAN 3688 - Seminar: Literature and Gender in Nineteenth-Century Spain [HUM] (4.0 cr)
- SPAN 3690 - Seminar: Mexican Cultural Production [HUM] (4.0 cr)
- SPAN 3691 - Seminar: Native Cultural Production of the Americas [HDIV] (4.0 cr)
- SPAN 3692 - Seminar: Nahua Media and Culture [IP] (4.0 cr)

Visual Arts K-12

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule.

Required Courses

In addition to the required courses and fabric/fiber elective, students must complete three mediums:

16 credits in a first medium,

8 credits in a second medium (different from the first medium),

4 credits in a third medium (different from the first and second mediums).

- ARTH 1101 - Interpreting the Visual World: An Introduction to Art History [FA] (4.0 cr)
- ARTH 1111 - Ancient to Medieval Art [FA] (4.0 cr)
- ARTH 1121 - Renaissance to Modern Art [FA] (4.0 cr)
- ARTS 1101 - Studio Essentials: Observational Drawing [ART/P] (2.0 cr)
- ARTS 1102 - Studio Essentials: Experimental Drawing [ART/P] (2.0 cr)
- ARTS 1103 - Studio Essentials: Materials and Design [ART/P] (2.0 cr)
- ARTS 1104 - Studio Essentials: Materials and Space [ART/P] (2.0 cr)
- ARTS 2101 - Drawing From Life [ART/P] (2.0 cr)
- ARTS 2601 - The Artist in Studio and in Society [FA] (2.0 cr)
- ARTS 2602 - Digital Fundamentals [ART/P] (2.0 cr)

Fabric and Fiber Elective

Take exactly 1 course(s) from the following:

- ARTS 3002 - Media Studies: Artist's Books [ART/P] (2.0 - 4.0 cr)



- ARTS 3006 - Media Studies: Feminist Art: A Studio Perspective [ART/P] (2.0 - 4.0 cr)
- ARTS 3014 - Media Studies: Fabric as Form [ART/P] (2.0 - 4.0 cr)

First Medium

Take exactly 16 credit(s) including exactly 1 sub-requirements(s) from the following:

Printmaking

Take 0 - 16 credit(s) from the following:

- ARTS 3007 - Media Studies: Printmaking [ART/P] (2.0 - 4.0 cr)
- ARTS 3200 - Printmaking Studio I [ART/P] (4.0 cr)
- ARTS 3210 - Printmaking Studio II [ART/P] (4.0 cr)

Painting

Take 0 - 16 credit(s) from the following:

- ARTS 3013 - Media Studies: Painting [ART/P] (2.0 - 4.0 cr)
- ARTS 3300 - Painting Studio I [ART/P] (4.0 cr)
- ARTS 3310 - Painting Studio II [ART/P] (4.0 cr)

Sculpture

Take 0 - 16 credit(s) from the following:

- ARTS 3015 - Media Studies: Sculpture [ART/P] (2.0 - 4.0 cr)
- ARTS 3400 - Sculpture Studio I [ART/P] (4.0 cr)
- ARTS 3410 - Sculpture Studio II [ART/P] (4.0 cr)

Ceramics

Take 0 - 16 credit(s) from the following:

- ARTS 3012 - Media Studies: Ceramics [ART/P] (2.0 - 4.0 cr)
- ARTS 3650 - Ceramics Studio [ART/P] (4.0 cr)

Drawing

Take 0 - 16 credit(s) from the following:

- ARTS 3017 - Media Studies: Drawing [ART/P] (2.0 - 4.0 cr)
- ARTS 3100 - Drawing Studio [ART/P] (2.0 - 4.0 cr)

Photography/Digital Imaging

Take 0 - 16 credit(s) from the following:

- ARTS 3016 - Media Studies: Photographic and Digital Processes [ART/P] (2.0 - 4.0 cr)
- ARTS 3500 - Photographic and Digital Processes [ART/P] (4.0 cr)

Second Medium

Must be different than first medium.

Take exactly 8 credit(s) including exactly 1 sub-requirements(s) from the following:

Printmaking

Take 0 - 8 credit(s) from the following:

- ARTS 3007 - Media Studies: Printmaking [ART/P] (2.0 - 4.0 cr)
- ARTS 3200 - Printmaking Studio I [ART/P] (4.0 cr)
- ARTS 3210 - Printmaking Studio II [ART/P] (4.0 cr)

Painting

Take 0 - 8 credit(s) from the following:

- ARTS 3013 - Media Studies: Painting [ART/P] (2.0 - 4.0 cr)
- ARTS 3300 - Painting Studio I [ART/P] (4.0 cr)
- ARTS 3310 - Painting Studio II [ART/P] (4.0 cr)

Sculpture

Take 0 - 8 credit(s) from the following:

- ARTS 3015 - Media Studies: Sculpture [ART/P] (2.0 - 4.0 cr)
- ARTS 3400 - Sculpture Studio I [ART/P] (4.0 cr)
- ARTS 3410 - Sculpture Studio II [ART/P] (4.0 cr)

Ceramics

Take 0 - 8 credit(s) from the following:

- ARTS 3012 - Media Studies: Ceramics [ART/P] (2.0 - 4.0 cr)
- ARTS 3650 - Ceramics Studio [ART/P] (4.0 cr)

Drawing

Take 0 - 8 credit(s) from the following:

- ARTS 3017 - Media Studies: Drawing [ART/P] (2.0 - 4.0 cr)
- ARTS 3100 - Drawing Studio [ART/P] (2.0 - 4.0 cr)

Photography/Digital Imaging

Take 0 - 8 credit(s) from the following:

- ARTS 3016 - Media Studies: Photographic and Digital Processes [ART/P] (2.0 - 4.0 cr)
- ARTS 3500 - Photographic and Digital Processes [ART/P] (4.0 cr)

Third Medium

Must be different than first and second mediums.

Take exactly 4 credit(s) from the following:

- ARTS 3002 - Media Studies: Artist's Books [ART/P] (2.0 - 4.0 cr)



- ARTS 3006 - Media Studies: Feminist Art: A Studio Perspective [ART/P] (2.0 - 4.0 cr)
- ARTS 3007 - Media Studies: Printmaking [ART/P] (2.0 - 4.0 cr)
- ARTS 3012 - Media Studies: Ceramics [ART/P] (2.0 - 4.0 cr)
- ARTS 3013 - Media Studies: Painting [ART/P] (2.0 - 4.0 cr)
- ARTS 3014 - Media Studies: Fabric as Form [ART/P] (2.0 - 4.0 cr)
- ARTS 3015 - Media Studies: Sculpture [ART/P] (2.0 - 4.0 cr)
- ARTS 3016 - Media Studies: Photographic and Digital Processes [ART/P] (2.0 - 4.0 cr)
- ARTS 3100 - Drawing Studio [ART/P] (2.0 - 4.0 cr)
- ARTS 3200 - Printmaking Studio I [ART/P] (4.0 cr)
- ARTS 3300 - Painting Studio I [ART/P] (4.0 cr)
- ARTS 3400 - Sculpture Studio I [ART/P] (4.0 cr)
- ARTS 3500 - Photographic and Digital Processes [ART/P] (4.0 cr)
- ARTS 3650 - Ceramics Studio [ART/P] (4.0 cr)

Vocal Music K-12

Some courses in the program sub-plan may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class schedule. Voice study/lessons are required for Vocal Music licensure. Consult with a Music advisor to plan the lessons quantity and sequence.

Vocal Music K-12

- MUS 1151 - Foundations of Music Theory I: Rhythm and Pitch [M/SR] (2.0 cr)
- MUS 1152 - Foundations of Music Theory II: Line [FA] (2.0 cr)
- MUS 1153 - Foundations of Musicianship I (1.0 cr)
- MUS 1154 - Foundations of Musicianship II (1.0 cr)
- MUS 1155 - Foundations in Music History I: Ancient to 1750 [HIST] (2.0 cr)
- MUS 1156 - Foundations in Music History II: 1750 to Contemporary [FA] (2.0 cr)
- MUS 1204 - Individual Performance Study: Voice [ART/P] (1.0 cr)
- MUS 1401 - English, Italian, German, and French Diction for Singers [ART/P] (1.0 cr)
- MUS 2151 - Intermediate Music Theory: Form (2.0 cr)
- MUS 2152 - Intermediate Music Theory: Harmony (2.0 cr)
- MUS 2301 - Instrumental Techniques--Woodwind (1.0 cr)
- MUS 2302 - Instrumental Techniques--Brass (1.0 cr)
- MUS 2303 - Instrumental Techniques--Strings (1.0 cr)
- MUS 2304 - Vocal Techniques (1.0 cr)
- MUS 2305 - Instrumental Techniques--Percussion (1.0 cr)
- MUS 2402 - Art Song Repertoire [FA] (2.0 cr)
- MUS 2403 - Choral Traditions and Literature [FA] (2.0 cr)
- MUS 3311 - Conducting Techniques (2.0 cr)
- MUS 3331 - Choral Conducting and Materials (2.0 cr)
- MUS 3352 - Choral Arranging [ART/P] (2.0 cr)
- MUS 4901 - Senior Project and Portfolio (1.0 cr)

Advanced Music Theory

Take exactly 4 credit(s) from the following:

- MUS 3108 - Intellectual Foundations of Western Music [HUM] (2.0 cr)
- MUS 3109 - Analysis of Popular Music [HUM] (2.0 cr)
- MUS 3110 - History of Music Theory: From the Renaissance to the Baroque (2.0 cr)
- MUS 3111 - History of Music Theory: Rameau to Riemann (2.0 cr)
- MUS 3112 - Analysis of Pre-Tonal Music (2.0 cr)
- MUS 3113 - Analysis of Post-Tonal Music (2.0 cr)

Advanced Music History

Take exactly 4 credit(s) from the following:

- MUS 3107 - Music in 20th-Century America [FA] (2.0 cr)
- MUS 3114 - Musical Borrowing [FA] (2.0 cr)
- MUS 3115 - Gender and Sexuality in Music [FA] (2.0 cr)
- MUS 3116 - Music and Identity [FA] (2.0 cr)
- MUS 3117 - Music in Film [FA] (2.0 cr)
- MUS 3118 - Music and Politics [FA] (2.0 cr)

Concert Attendance

Vocal licensure students are required to enroll in seven semesters of Concert Attendance.

- MUS 100 - Music Performance Lab (0.0 cr)

Choir

Vocal licensure students are required to enroll for seven semesters in Concert Choir and/or University Choir.

- MUS 1310 - University Choir [ART/P] (1.0 cr)
- or MUS 1320 - Concert Choir [ART/P] (1.0 cr)

Piano Proficiency



Music theory courses are taken concurrently with piano lessons or functional keyboard for the Music Major, (Mus 1111, 1112, 2111, 2112) until the piano proficiency test is passed.

Primary Performance Medium - Voice

Individual performance study in voice (if primary performance medium is not voice, secondary performance medium must be voice)
Students should consult with music faculty to determine performance study requirements.

Secondary Performance Medium

Secondary performance competence in another medium if primary performance medium is voice (piano or guitar is strongly recommended). Students should consult with music faculty to determine performance study requirements.



Morris Campus

Sociology B.A.

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 36
- Degree: Bachelor of Arts

Objectives The sociology curriculum (with support from anthropology courses) is designed to acquaint students with the concerns, theories, and methods of the science that deals with groups, culture, and interpersonal relations of human beings. In addition to an introduction to sociology as a science, an effort is made to relate human values to the theories, methods, and data of sociology. Courses are designed to meet the needs of liberal arts students, as well as students preparing for graduate school.

Program Student Learning Outcomes:

1. Students will comprehend topics of diversity and multiculturalism through the study of societies across various contexts and time periods.
2. Students will learn sociological principles and perspectives with applications to social issues.
3. Students will learn to think critically through readings and analysis of a variety of primary and secondary source materials.
4. Students will gain competency in sociological research methods and sociological theories with applications to contemporary societies and social problems.
5. Students will learn to communicate their ideas effectively in writing and through oral presentation.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Students develop a coherent program of study in consultation with their major advisor generally no later than the spring semester of their sophomore year.

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of credits of A or B. Courses may not be taken S-N, unless offered S-N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

The discipline strongly recommends STAT 1601.

[SOC 1101](#) - Introductory Sociology [SS] (4.0 cr)

[SOC 3103](#) - Research Methodology in Sociology (4.0 cr)

[SOC 3403](#) - Sociological Theory (4.0 cr)

[SOC 4991](#) - Sociology Independent Project Seminar (4.0 cr)

Elective Courses

No more than 8 credits of the 20 elective credits required for the major can be from ANTH courses. No more than 4 cr can be from IS



3796.

Take 20 or more credit(s) from the following:

Take 12 or more credit(s) from the following:

- SOC 2201 - Sociology of Food [HDIV] (4.0 cr)
- SOC 2xxx
- SOC 3112 - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- SOC 3121 - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- SOC 3122 - Sociology of Childhoods [HDIV] (4.0 cr)
- SOC 3123 - Sociology of Aging [HDIV] (4.0 cr)
- SOC 3131 - World Population [ENVT] (4.0 cr)
- SOC 3141 - Sociology of Deviance [E/CR] (4.0 cr)
- SOC 3252 - Women in Muslim Society [IP] (4.0 cr)
- SOC 3xxx
- SOC 4xxx
- Take at most 8 credit(s) from the following:
 - ANTH 1103 - People of the Past: Introduction to Archaeology [SS] (4.0 cr)
 - ANTH 1111 - Introductory Cultural Anthropology [SS] (4.0 cr)
 - ANTH 1201 - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)
 - ANTH 2202 - Men and Masculinities [SS] (4.0 cr)
 - ANTH 2206 - Sex, Marriage, and Family [HDIV] (4.0 cr)
 - ANTH 2501 - Medical Anthropology-An Overview [SS] (2.0 cr)
 - ANTH 2xxx
 - ANTH 3001 - Theory in Cultural Anthropology (2.0 cr)
 - ANTH 3204 - Culture, Food, and Agriculture [ENVT] (4.0 cr)
 - ANTH 3251 - Health and Human Ecology [ENVT] (2.0 cr)
 - ANTH 3402 - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
 - ANTH 3455 - North American Archaeology [SS] (4.0 cr)
 - ANTH 3502 - Latinos in the Midwest [SS] (4.0 cr)
 - ANTH 3603 - Latin American Archaeology [SS] (4.0 cr)
 - ANTH 3701 - Forensic Anthropology [SCI-L] (4.0 cr)
 - ANTH 3704 - Anthropological Genetics [SCI] (4.0 cr)
 - ANTH 3xxx
 - ANTH 4411 - Research in Cultural Anthropology [E/CR] (4.0 cr)
 - ANTH 4xxx
 - IS 3796 - Interdisciplinary Internship in the Helping Professions (1.0 - 16.0 cr)



Morris Campus

Sociology Minor

Division of Social Sciences - Adm

Division of Social Sciences

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 24

Objectives The sociology curriculum (with support from anthropology courses) is designed to acquaint students with the concerns, theories, and methods of the science that deals with groups, culture, and interpersonal relations of human beings. In addition to an introduction to sociology as a science, an effort is made to relate human values to the theories, methods, and data of sociology. Courses are designed to meet the needs of liberal arts students, as well as students preparing for graduate school.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the minor requirements if offset by an equivalent number of credits of A or B. Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- [SOC 1101](#) - Introductory Sociology [SS] (4.0 cr)
- [SOC 3103](#) - Research Methodology in Sociology (4.0 cr)
- [SOC 3403](#) - Sociological Theory (4.0 cr)

Elective Courses

No more than 4 credits of the 12 elective credits required for the minor can be from ANTH courses. No more than 4 cr can be from IS 3796.

SOC 4991 is strongly recommended.

Take 12 or more credit(s) from the following:

- [SOC 2201](#) - Sociology of Food [HDIV] (4.0 cr)
- SOC 2xxx
- [SOC 3112](#) - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- [SOC 3121](#) - Sociology of Gender and Sexuality [HDIV] (4.0 cr)
- [SOC 3122](#) - Sociology of Childhoods [HDIV] (4.0 cr)
- [SOC 3123](#) - Sociology of Aging [HDIV] (4.0 cr)
- [SOC 3131](#) - World Population [ENVT] (4.0 cr)
- [SOC 3141](#) - Sociology of Deviance [E/CR] (4.0 cr)
- SOC 3251 *{Inactive}*[HDIV] (4.0 cr)
- [SOC 3252](#) - Women in Muslim Society [IP] (4.0 cr)
- SOC 3xxx
- [SOC 4991](#) - Sociology Independent Project Seminar (4.0 cr)
- SOC 4xxx
- Take at most 4 credit(s) from the following:
 - [ANTH 1103](#) - People of the Past: Introduction to Archaeology [SS] (4.0 cr)
 - [ANTH 1111](#) - Introductory Cultural Anthropology [SS] (4.0 cr)
 - [ANTH 1201](#) - Becoming Human: Introduction to Biological Anthropology [SCI-L] (5.0 cr)
 - [ANTH 2202](#) - Men and Masculinities [SS] (4.0 cr)
 - [ANTH 2206](#) - Sex, Marriage, and Family [HDIV] (4.0 cr)
 - [ANTH 2501](#) - Medical Anthropology-An Overview [SS] (2.0 cr)
 - ANTH 2xxx
 - [ANTH 3001](#) - Theory in Cultural Anthropology (2.0 cr)
 - [ANTH 3204](#) - Culture, Food, and Agriculture [ENVT] (4.0 cr)



- [ANTH 3402](#) - Representations from the Field: American Indian Ethnography and Ethnohistory [HDIV] (4.0 cr)
- [ANTH 3455](#) - North American Archaeology [SS] (4.0 cr)
- [ANTH 3502](#) - Latinos in the Midwest [SS] (4.0 cr)
- [ANTH 3603](#) - Latin American Archaeology [SS] (4.0 cr)
- [ANTH 3701](#) - Forensic Anthropology [SCI-L] (4.0 cr)
- [ANTH 3704](#) - Anthropological Genetics [SCI] (4.0 cr)
- ANTH 3xxx
- [ANTH 4411](#) - Research in Cultural Anthropology [E/CR] (4.0 cr)
- ANTH 4xxx
- [IS 3796](#) - Interdisciplinary Internship in the Helping Professions (1.0 - 16.0 cr)



Morris Campus

Spanish B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 40
- Degree: Bachelor of Arts

Spanish is spoken by many people more than 38 million in the U.S., 155,000 in Minnesota, and more than 400 million worldwide. With a rich and diverse history, it is also a language essential to the contemporary world in areas such as education, business, health care, international relations, and law. The Spanish discipline offers courses that emphasize the richness and diversity of Latin American, US Latino, and Iberian cultures, and prepares students with a range of linguistic and critical skills applicable to a wide variety of potential careers or further advanced study in a range of fields.

Objectives The Spanish curriculum offers coursework in the cultures, languages, literatures, and films of Latin America, the Latino USA, and Spain. The courses are designed to help students develop critical insight into the philosophies and values of other cultures, proficiency in a second language, and sensitivity toward literature and film that reflect the experiences of the Spanish-speaking world. The curriculum accommodates liberal arts students interested in a cross-cultural perspective, language study, K-12 teaching, working for nonprofit organizations and social services, or preparation for graduate study in Spanish and related fields.

PROGRAM STUDENT LEARNING OUTCOMES:

Over the course of the Spanish major, students will learn to:

- Recognize and develop strategies to support and improve their Spanish language proficiencies in reading, writing, speaking, and listening, which in turn enhances and improves general language skills;
- Refine their cross-cultural and intercultural awareness;
- Expand their critical thinking, analytical competencies and problem-solving skills;
- Discover and critically evaluate the traditions, philosophies, values, artistic expressions, and histories of the cultures of Latin America, the Latino USA, and Spain;
- Design and conduct in-depth, sustained, analytical research in Spanish.

STUDY ABROAD

In light of today's increasingly interdependent world, the University of Minnesota, Morris Spanish faculty endorses study abroad, in combination with a Spanish major or minor, as the most effective means by which to:

- Improve language abilities
- Broaden academic horizons
- Globalize one's world view
- Expand career opportunities
- Advance cross-cultural and problem-solving skills
- Gain confidence in oneself personally and professionally

ADVISING FOR THE SPANISH MAJOR

It is strongly recommended that students majoring or minoring in Spanish meet with a Spanish faculty member to plan for a timely and successful completion of their program, even if their primary academic advisor is in another discipline.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).



Program Requirements

Students are required to take 2 semester(s) of Spanish.

Students must complete Span 1001 and Span 1002 or equivalent previous language experience (e.g. placement exam, transfer credit) required to take intermediate Spanish before beginning the major.

No grades below C- are allowed. Courses may not be taken S-N unless offered S-N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

A study abroad experience, regular use of the Language Teaching Center, and participation in outreach and educational activities such as the weekly Conversation Table, the Jane Addams Project and the Community ESL program are strongly recommended to enhance language skills and cultural competency. Latin American Area Studies courses are also recommended as a complement to courses in the Spanish discipline.

Students majoring in Spanish are encouraged to take at least one year of instruction in another foreign language.

Required Courses

- [SPAN 2001](#) - Intermediate Spanish I [IP] (4.0 cr)
- [SPAN 2002](#) - Intermediate Spanish II [IP] (4.0 cr)
- [SPAN 3011](#) - Conversation, Composition, and Culture [IP] (2.0 cr)
- [SPAN 3012](#) - Spanish Grammar in Practice [IP] (2.0 cr)
- [SPAN 3111](#) - Readings in Spanish I [HUM] (2.0 cr)
- [SPAN 3112](#) - Readings in Spanish II [HUM] (2.0 cr)
- [SPAN 3211](#) - Literature and Culture of Latin America [HUM] (4.0 cr)
- [SPAN 3212](#) - Literature and Culture of Spain [HUM] (4.0 cr)
- [SPAN 4001](#) - Research Symposium [HUM] (4.0 cr)

Elective Courses

Take 12 or more credit(s) from the following:

- [SPAN 3651](#) - Seminar: Miguel de Cervantes Saavedra's "El ingenioso hidalgo Don Quijote de la Mancha" [HUM] (4.0 cr)
- [SPAN 3654](#) - Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature [HUM] (4.0 cr)
- [SPAN 3681](#) - Seminar: Romanticism and Revolution in 19th-Century Spain [HUM] (4.0 cr)
- [SPAN 3682](#) - Seminar: Realism and Reform in 19th-Century Spain [HUM] (4.0 cr)
- [SPAN 3683](#) - Seminar: Modernity and Identity in Spain, 1900-1930 [HUM] (4.0 cr)
- [SPAN 3684](#) - Seminar: Hispanic Film [HUM] (4.0 cr)
- [SPAN 3685](#) - Seminar: Slavery and Abolition in Cuban Literature and Culture [IP] (4.0 cr)
- [SPAN 3686](#) - Seminar: Writing History in Spanish American Literature [HUM] (4.0 cr)
- [SPAN 3687](#) - Seminar: Afro-Hispanic Literature and Culture [HDIV] (4.0 cr)
- [SPAN 3688](#) - Seminar: Literature and Gender in Nineteenth-Century Spain [HUM] (4.0 cr)
- [SPAN 3690](#) - Seminar: Mexican Cultural Production [HUM] (4.0 cr)
- [SPAN 3691](#) - Seminar: Native Cultural Production of the Americas [HDIV] (4.0 cr)
- [SPAN 3692](#) - Seminar: Nahua Media and Culture [IP] (4.0 cr)



Morris Campus

Spanish Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 32

Spanish is spoken by many people more than 38 million in the US, 155,000 in Minnesota, and more than 400 million worldwide. With a rich and diverse history, it is also a language essential to the contemporary world in areas such as education, business, health care, international relations, and law. The Spanish discipline offers courses that emphasize the richness and diversity of Latin American, US Latino, and Iberian cultures, and prepares students with a range of linguistic and critical skills applicable to a wide variety of potential careers or further advanced study in a range of fields.

ObjectivesThe Spanish curriculum offers coursework in the cultures, languages, literatures, and films of Latin America, the Latino USA, and Spain. The courses are designed to help students develop critical insight into the philosophies and values of other cultures, proficiency in a second language, and sensitivity toward literature and film that reflect the experiences of the Spanish-speaking world. The curriculum accommodates liberal arts students interested in a cross-cultural perspective, language study, K-12 teaching, working for nonprofit organizations and social services, or preparation for graduate study in Spanish and related fields.

PROGRAM STUDENT LEARNING OUTCOMES:

Over the course of the Spanish major, students will learn to:

- Recognize and develop strategies to support and improve their Spanish language proficiencies in reading, writing, speaking, and listening, which in turn enhances and improves general language skills;
- Refine their cross-cultural and intercultural awareness;
- Expand their critical thinking, analytical competencies and problem-solving skills;
- Discover and critically evaluate the traditions, philosophies, values, artistic expressions, and histories of the cultures of Latin America, the Latino USA, and Spain;
- Design and conduct in-depth, sustained, analytical research in Spanish.

STUDY ABROAD

In light of today's increasingly interdependent world, the UMM Spanish faculty endorses study abroad, in combination with a Spanish major or minor, as the most effective means by which to:

- Improve language abilities
- Broaden academic horizons
- Globalize one's world view
- Expand career opportunities
- Advance cross-cultural and problem-solving skills
- Gain confidence in oneself personally and professionally

ADVISING FOR THE SPANISH MAJOR

It is strongly recommended that students majoring or minoring in Spanish meet with a Spanish faculty member to plan for a timely and successful completion of their program, even if their primary academic advisor is in another discipline.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Students are required to take 2 semester(s) of Spanish.

Students must complete Span 1001 and Span 1002 or equivalent previous language experience (e.g. placement exam, transfer credit) required to take intermediate Spanish before beginning the minor.

A study abroad experience, regular use of the Language Teaching Center, and participation in outreach and educational activities such as the weekly Conversation Table, the Jane Addams Project and the Community ESL program are strongly recommended to enhance language skills and cultural competency. Latin American Area Studies courses are also recommended as a complement to courses in the Spanish discipline.



No grades below C- are allowed. Courses may not be taken S-N, unless offered S-N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- SPAN 2001 - Intermediate Spanish I [IP] (4.0 cr)
- SPAN 2002 - Intermediate Spanish II [IP] (4.0 cr)
- SPAN 3011 - Conversation, Composition, and Culture [IP] (2.0 cr)
- SPAN 3012 - Spanish Grammar in Practice [IP] (2.0 cr)
- SPAN 3111 - Readings in Spanish I [HUM] (2.0 cr)
- SPAN 3112 - Readings in Spanish II [HUM] (2.0 cr)
- SPAN 3211 - Literature and Culture of Latin America [HUM] (4.0 cr)
- SPAN 3212 - Literature and Culture of Spain [HUM] (4.0 cr)

Elective Courses

Take 8 or more credit(s) from the following:

- SPAN 3651 - Seminar: Miguel de Cervantes Saavedra's "El ingenioso hidalgo Don Quijote de la Mancha" [HUM] (4.0 cr)
- SPAN 3654 - Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature [HUM] (4.0 cr)
- SPAN 3681 - Seminar: Romanticism and Revolution in 19th-Century Spain [HUM] (4.0 cr)
- SPAN 3682 - Seminar: Realism and Reform in 19th-Century Spain [HUM] (4.0 cr)
- SPAN 3683 - Seminar: Modernity and Identity in Spain, 1900-1930 [HUM] (4.0 cr)
- SPAN 3684 - Seminar: Hispanic Film [HUM] (4.0 cr)
- SPAN 3685 - Seminar: Slavery and Abolition in Cuban Literature and Culture [IP] (4.0 cr)
- SPAN 3686 - Seminar: Writing History in Spanish American Literature [HUM] (4.0 cr)
- SPAN 3687 - Seminar: Afro-Hispanic Literature and Culture [HDIV] (4.0 cr)
- SPAN 3688 - Seminar: Literature and Gender in Nineteenth-Century Spain [HUM] (4.0 cr)
- SPAN 3690 - Seminar: Mexican Cultural Production [HUM] (4.0 cr)
- SPAN 3691 - Seminar: Native Cultural Production of the Americas [HDIV] (4.0 cr)
- SPAN 3692 - Seminar: Nahua Media and Culture [IP] (4.0 cr)



Morris Campus

Sport Management B.A.

Division of Education

Division of Education

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 58
- Degree: Bachelor of Arts

This is an interdisciplinary program housed in the Division of Education. The program is administered by the sport management coordinator. Core courses build a foundation of knowledge and skills related to leadership as well as managing, planning, organizing, budgeting, and decision-making within the context of a sport-related organization or department. Core and appropriate elective courses prepare students for future graduate study or professional careers with a sport related emphasis, including areas of marketing, media, management, and governance in amateur and professional sports as well as parks and recreation organizations.

Program Student Learning Outcomes (PSLOs):

- Students will demonstrate collaboration and communication skills through written, verbal, and multimedia forms.
- Students will be able to apply critical thinking and problem solving skills to sport related issues.
- Students will investigate sport related issues and technology applications at a global level.
- Students will interpret and construct examples of ethical sport leadership.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

No grades below C- are allowed. Required courses including electives must be taken A-F, unless they are offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Foundational Courses

- [PHIL 2112](#) - Professional Ethics [E/CR] (4.0 cr)
- [STAT 1601](#) - Introduction to Statistics [M/SR] (4.0 cr)
or [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)
- [CMR 1042](#) - Public Speaking and Analysis [E/CR] (4.0 cr)
or [CMR 2062](#) - Interpersonal and Group Communication [HUM] (4.0 cr)

Sport Management Core

- [ECON 1111](#) - Principles of Microeconomics [SS] (4.0 cr)
- [MGMT 2101](#) - Principles of Accounting I (4.0 cr)
- [SSA 2302](#) - Introduction to Sport Management (4.0 cr)
- [SSA 2401](#) - Sociological Aspects of Sports [SS] (2.0 cr)
- [SSA 2402](#) - Psychological Aspects of Sports [SS] (2.0 cr)
- [SSA 3101](#) - Sport Industry Analysis [SS] (4.0 cr)
- [SSA 3172](#) - Leadership in Sport Organizations [SS] (2.0 cr)



- SSA 4101 - Planning and Programming of Athletic Facilities (4.0 cr)
- SSA 4102 - Organization and Administration of Athletics and Recreation (4.0 cr)
- SSA 4201 - Sport Governance: Legal and Ethical Issues [E/CR] (4.0 cr)

Elective Courses

Take an additional 12 or more credits from the courses listed below. At least 8 credits must be in management at the 3xxx level or above.

Students interested in earning a management minor should see the management section of the catalog for additional information.

Take 12 or more credit(s) from the following:

Take 8 or more credit(s) from the following:

- MGMT 3101 - Financial Management (4.0 cr)
- MGMT 3123 - Managerial Economics (4.0 cr)
- MGMT 3133 - Managerial Accounting (4.0 cr)
- MGMT 3141 - Business Law: The Legal Environment of Business (2.0 cr)
- MGMT 3142 - Business Law: Sales Law, Commercial Paper, and Forms of Business (2.0 cr)
- MGMT 3151 - Human Resources Management I [E/CR] (2.0 cr)
- MGMT 3152 - Human Resources Management II [HDIV] (2.0 cr)
- MGMT 3201 - Marketing Principles and Strategy (4.0 cr)
- MGMT 3221 - Management and Organization Theory (4.0 cr)
- MGMT 3503 - Consumer Behavior [SS] (4.0 cr)
- MGMT 3513 - Negotiation (4.0 cr)
- MGMT 3701 - Organizational Behavior [SS] (4.0 cr)
- Take at most 4 credit(s) from the following:
 - ECON 4101 - Labor Economics I [HDIV] (2.0 cr)
 - ECON 4102 - Labor Economics II (2.0 cr)
 - PSY 2001 - Research Methods in Psychology [SS] (4.0 cr)
 - PSY 3701 - Organizational Behavior [SS] (4.0 cr)
 - SOC 3103 - Research Methodology in Sociology (4.0 cr)
 - SSA 2102 - Human Anatomy (4.0 cr)
 - SSA 2111 - Kinesiology [SCI] (2.0 cr)
 - SSA 2112 - Exercise Physiology (2.0 cr)
 - SSA 2403 - Sport, Gender, and Sexuality [SS] (2.0 cr)
 - SSA 2404 - Sport and Indigenous Cultures [HDIV] (2.0 cr)
 - SSA 3102 - Sport and Event Marketing (2.0 cr)
 - SSA 3103 - Philosophy of Sport and Physical Activity (2.0 cr)
 - SSA 3201 - Coaching Practicum (1.0 cr)

**Morris Campus****Sport Management Minor**

Division of Education

Division of Education

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 28

This is an interdisciplinary program housed in the Division of Education. The program is administered by the sport management coordinator. Core courses build a foundation of knowledge and skills related to leadership as well as managing, planning, organizing, budgeting, and decision-making within the context of a sport-related organization or department. Core and appropriate elective courses prepare students for future graduate study or professional careers with a sport related emphasis, including areas of marketing, media, management, and governance in amateur and professional sports as well as parks and recreation organizations.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

No grades below C- are allowed. Required courses including electives must be taken A-F, unless they are offered S/N only.

Sport Management Core

- [ECON 1111](#) - Principles of Microeconomics [SS] (4.0 cr)
- [MGMT 2101](#) - Principles of Accounting I (4.0 cr)
- [SSA 2302](#) - Introduction to Sport Management (4.0 cr)
- [SSA 2401](#) - Sociological Aspects of Sports [SS] (2.0 cr)
- [SSA 2402](#) - Psychological Aspects of Sports [SS] (2.0 cr)
- [SSA 3101](#) - Sport Industry Analysis [SS] (4.0 cr)
- [SSA 4101](#) - Planning and Programming of Athletic Facilities (4.0 cr)
or [SSA 4102](#) - Organization and Administration of Athletics and Recreation (4.0 cr)

Elective Courses

Take four additional credits from MGMT 3xxx or above.

Students interested in earning a management minor should see the management section of the catalog for additional information.

Take 4 or more credit(s) from the following:

- [MGMT 3101](#) - Financial Management (4.0 cr)
- [MGMT 3123](#) - Managerial Economics (4.0 cr)
- [MGMT 3133](#) - Managerial Accounting (4.0 cr)
- [MGMT 3141](#) - Business Law: The Legal Environment of Business (2.0 cr)
- [MGMT 3142](#) - Business Law: Sales Law, Commercial Paper, and Forms of Business (2.0 cr)
- [MGMT 3151](#) - Human Resources Management I [E/CR] (2.0 cr)
- [MGMT 3152](#) - Human Resources Management II [HDIV] (2.0 cr)
- [MGMT 3201](#) - Marketing Principles and Strategy (4.0 cr)
- [MGMT 3221](#) - Management and Organization Theory (4.0 cr)
- [MGMT 3503](#) - Consumer Behavior [SS] (4.0 cr)
- [MGMT 3513](#) - Negotiation (4.0 cr)
- [MGMT 3701](#) - Organizational Behavior [SS] (4.0 cr)

Morris Campus

Statistics B.A.

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 42
- Degree: Bachelor of Arts

The mission of the discipline is to create and apply statistical methods for collecting, storing, exploring, analyzing, processing and communicating qualitative/quantitative information and to disseminate this knowledge through teaching, scholarly activity, collaboration and outreach. Statistics is the science and art of enhancing knowledge in the face of uncertainty. In our information age, statistics and data science are central to solving problems in the environment, medicine, law, industry, technology, finance, business, public policy, computing, and science in general. The need for statistics applies to almost every area of our lives. The statistics program provides an operational knowledge of the theory and methods of statistics and the application of statistical methods in a liberal arts environment. It seeks to enhance students' critical thinking in making judgments based on data and provides students with the basic knowledge and skills to make contributions to modern society. Students learn to communicate and collaborate effectively with people in other fields and understand the substance of these fields. The curriculum prepares students to enter graduate school or pursue careers in statistics and data science.

The statistics discipline has the following student learning objectives:

Students will gain the ability to make contributions to society through knowledge of statistical theory and statistics applied to other disciplines.

Students will sharpen their ability to extract useful information from data.

The statistics curriculum will enhance students understanding of the mathematical foundations of statistical theory and methods.

The curriculum will prepare students to enter graduate school, and pursue careers in applied statistics.

Students will be able to communicate statistical ideas and results effectively using presentation skills and visualizations.

The curriculum is designed to ensure that students are able to demonstrate the following outcomes:

Model and solve real-world problems by analyzing them statistically, and determine an appropriate approach towards its solution.

Write, read, and construct proofs of key statistical results.

Create estimated models, data displays, and new datasets to address problems using computing tools.

Demonstrate basic knowledge of calculus, analysis, linear algebra, probability, and describe their importance to statistics.

Demonstrate students have background to be employed or gain admission to graduate school.

Meet the requirements for employment in professions such as actuarial science and data science.

Describe and explain a theorem, statistical model, and results of a statistical analysis to a non-specialist audience.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

The GPA in these courses must be at least 2.00. Courses may not be taken S-N, unless offered S-N only.

Recommended electives for students planning to pursue graduate work in statistics or biostatistics:

MATH 2101 - Calculus III
MATH 6111 - Linear Algebra

Recommended electives (beyond those listed for graduate work) for students planning to pursue a PhD in statistics or biostatistics:

MATH 2202 - Mathematical Perspectives
MATH 3221 - Real Analysis I

Required Courses

MATH 1101 - Calculus I [M/SR] (5.0 cr)
MATH 1102 - Calculus II [M/SR] (5.0 cr)
STAT 2501 - Probability and Stochastic Processes [M/SR] (4.0 cr)
STAT 2611 - Mathematical Statistics [M/SR] (4.0 cr)
STAT 3601 - Data Analysis [M/SR] (4.0 cr)
STAT 3901 - Statistical Communication (2.0 cr)
STAT 4901 - Senior Seminar (2.0 cr)
STAT 1601 - Introduction to Statistics [M/SR] (4.0 cr)
or STAT 2601 - Statistical Methods [M/SR] (4.0 cr)

Elective Courses

Take 8 or more credit(s) from the following:

- STAT 1993 - Directed Study (1.0 - 5.0 cr)
- STAT 2701 - Introduction to Data Science [M/SR] (4.0 cr)
- STAT 2993 - Directed Study (1.0 - 5.0 cr)
- STAT 3501 - Survey Sampling [M/SR] (4.0 cr)
- STAT 3611 - Multivariate Statistical Analysis [M/SR] (4.0 cr)
- STAT 3993 - Directed Study (1.0 - 5.0 cr)
- STAT 4601 - Biostatistics (4.0 cr)
- STAT 4631 - Design and Analysis of Experiments (4.0 cr)
- STAT 4651 - Applied Nonparametric Statistics (4.0 cr)
- STAT 4671 - Statistical Computing (4.0 cr)
- STAT 4681 - Introduction to Time Series Analysis (4.0 cr)
- STAT 4993 - Directed Study (1.0 - 5.0 cr)

Additional Elective Courses

Choose from the list below or from courses with faculty approval.

Take 4 or more credit(s) from the following:

- CSCI 1201 - Introduction to Digital Media Computation [M/SR] (4.0 cr)
- CSCI 1251 - Computational Data Management and Manipulation [M/SR] (4.0 cr)
- CSCI 1301 - Problem Solving and Algorithm Development [M/SR] (4.0 cr)
- CSCI 1302 - Foundations of Computer Science [M/SR] (4.0 cr)
- CSCI 4403 - Systems: Data Mining (4.0 cr)
- CSCI 4458 - Systems: Bioinformatic Systems (4.0 cr)
- CSCI 4555 - Theory: Neural Networks and Machine Learning (4.0 cr)
- ECON 3501 - Introduction to Econometrics [M/SR] (4.0 cr)
- GEOG 3501 - Geographic Information Systems [ENVT] (4.0 cr)
- GEOL 2161 - GIS and Remote Sensing [SCI] (4.0 cr)
- MATH 2101 - Calculus III [M/SR] (4.0 cr)
- MATH 2202 - Mathematical Perspectives [M/SR] (4.0 cr)
- MATH 3111 - Linear Algebra (4.0 cr)
- MATH 3221 - Real Analysis I (4.0 cr)
- MATH 3401 - Operations Research (4.0 cr)
- POL 2001 - Political Science Research Methods [SS] (4.0 cr)
- PSY 2001 - Research Methods in Psychology [SS] (4.0 cr)
- SOC 3103 - Research Methodology in Sociology (4.0 cr)
- SOC 3131 - World Population [ENVT] (4.0 cr)

Morris Campus

Statistics Minor

Division of Science & Mathematics - Adm

Division of Science and Mathematics

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 24

Objectives--The statistics program provides an effective operational knowledge of the theory and methods of statistics and the application of statistical methods in a liberal arts environment. It seeks to enhance students' critical thinking in making judgments based on data and provides them with the basic knowledge and skills necessary to make contributions to modern society. Students learn to communicate and collaborate effectively with people in other fields and, in the process, understand the substance of these fields. The curriculum prepares students to enter graduate school or pursue careers in statistical fields at research institutions and industry.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Courses may not be taken S-N, unless offered S-N only. The GPA in these courses must be at least 2.00.

Minor Requirements

- [STAT 3601](#) - Data Analysis [M/SR] (4.0 cr)
- [STAT 1601](#) - Introduction to Statistics [M/SR] (4.0 cr)
or [STAT 2601](#) - Statistical Methods [M/SR] (4.0 cr)

Minor Elective Courses

Take 16 or more credit(s) from the following:

Stat courses

Take 1 or more course(s) from the following:

- [STAT 1993](#) - Directed Study (1.0 - 5.0 cr)
- [STAT 2501](#) - Probability and Stochastic Processes [M/SR] (4.0 cr)
- [STAT 2611](#) - Mathematical Statistics [M/SR] (4.0 cr)
- [STAT 2701](#) - Introduction to Data Science [M/SR] (4.0 cr)
- [STAT 2993](#) - Directed Study (1.0 - 5.0 cr)
- [STAT 3501](#) - Survey Sampling [M/SR] (4.0 cr)
- [STAT 3611](#) - Multivariate Statistical Analysis [M/SR] (4.0 cr)
- [STAT 3993](#) - Directed Study (1.0 - 5.0 cr)
- [STAT 4601](#) - Biostatistics (4.0 cr)
- [STAT 4631](#) - Design and Analysis of Experiments (4.0 cr)
- [STAT 4651](#) - Applied Nonparametric Statistics (4.0 cr)
- [STAT 4671](#) - Statistical Computing (4.0 cr)
- [STAT 4681](#) - Introduction to Time Series Analysis (4.0 cr)
- [STAT 4993](#) - Directed Study (1.0 - 5.0 cr)

• Non-stat courses

Take 0 or more course(s) from the following:

- [CSCI 1201](#) - Introduction to Digital Media Computation [M/SR] (4.0 cr)
- [CSCI 1251](#) - Computational Data Management and Manipulation [M/SR] (4.0 cr)
- [CSCI 1301](#) - Problem Solving and Algorithm Development [M/SR] (4.0 cr)
- [CSCI 1302](#) - Foundations of Computer Science [M/SR] (4.0 cr)
- [CSCI 4403](#) - Systems: Data Mining (4.0 cr)
- [CSCI 4458](#) - Systems: Bioinformatic Systems (4.0 cr)
- [CSCI 4555](#) - Theory: Neural Networks and Machine Learning (4.0 cr)
- [ECON 3501](#) - Introduction to Econometrics [M/SR] (4.0 cr)
- [GEOG 3501](#) - Geographic Information Systems [ENVT] (4.0 cr)
- [GEOL 2161](#) - GIS and Remote Sensing [SCI] (4.0 cr)
- [MATH 2101](#) - Calculus III [M/SR] (4.0 cr)
- [MATH 2202](#) - Mathematical Perspectives [M/SR] (4.0 cr)



- [MATH 3111](#) - Linear Algebra (4.0 cr)
- [MATH 3221](#) - Real Analysis I (4.0 cr)
- [MATH 3401](#) - Operations Research (4.0 cr)
- [POL 2001](#) - Political Science Research Methods [SS] (4.0 cr)
- [PSY 2001](#) - Research Methods in Psychology [SS] (4.0 cr)
- [SOC 3103](#) - Research Methodology in Sociology (4.0 cr)
- [SOC 3131](#) - World Population [ENVT] (4.0 cr)



Morris Campus

Studio Art B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 52
- Degree: Bachelor of Arts

The goal of the studio art curriculum is to introduce liberal arts students to the technical, conceptual, and communication skills necessary to activities in the visual arts and to help them understand the major traditions and the place of visual arts in our culture. Studio courses serve the needs of students planning to pursue graduate studies in art, students interested in exploring their own creative potential as part of the general education, and students preparing for secondary school teaching.

Program Student Learning Outcomes:

1. Students will be able to demonstrate proficiency in a variety of technical skills including understanding materials, processes, safe use of tools and environmental stewardship.
2. Students will be able to integrate formal, technical and conceptual intentions within two-dimensional and three-dimensional art practice.
3. Students will be able to critique and analyze their own artwork and the art of others.
4. Students will demonstrate in-depth knowledge of the major historical traditions and contemporary developments of art, including historical, social and cultural contexts.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).

Program Requirements

Students are required to take 2 semester(s) of any second language.

Studio courses are assessed an individual lab fee.

No grades below C- are allowed. Courses may not be taken S/N, unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

The Studio Essentials courses are preparation for advanced work in studio art. The two related parts must be taken concurrently and in sequence during the first year. One 1xxx art history course is also recommended during the first year.

First Term of Studio Essentials

ARTS 1101 - Studio Essentials: Observational Drawing [ART/P] (2.0 cr)
with **ARTS 1103** - Studio Essentials: Materials and Design [ART/P] (2.0 cr)

Second Term of Studio Essentials

ARTS 1102 - Studio Essentials: Experimental Drawing [ART/P] (2.0 cr)



with ARTS 1104 - Studio Essentials: Materials and Space [ART/P] (2.0 cr)

Second Year Requirements

ARTS 2101 - Drawing From Life [ART/P] (2.0 cr)

ARTS 2601 - The Artist in Studio and in Society [FA] (2.0 cr)

ARTS 2602 - Digital Fundamentals [ART/P] (2.0 cr)

Second Year Portfolio

Second Year Portfolio Review (spring semester only)

Senior Thesis Project

ARTS 4902 - Senior Thesis Project I (2.0 cr)

ARTS 4903 - Senior Thesis Project II (2.0 cr)

Concentrated Studio Art Courses - Primary Medium

Complete 16 credits in one major medium.

Printmaking

complete 16 credits from the following:

ARTS 3007 - Media Studies: Printmaking [ART/P] (2.0 - 4.0 cr)

ARTS 3200 - Printmaking Studio I [ART/P] (4.0 cr)

ARTS 3210 - Printmaking Studio II [ART/P] (4.0 cr)

or Painting

complete 16 credits from the following:

ARTS 3013 - Media Studies: Painting [ART/P] (2.0 - 4.0 cr)

ARTS 3300 - Painting Studio I [ART/P] (4.0 cr)

ARTS 3310 - Painting Studio II [ART/P] (4.0 cr)

or Sculpture

complete 16 credits from the following:

ARTS 3015 - Media Studies: Sculpture [ART/P] (2.0 - 4.0 cr)

ARTS 3400 - Sculpture Studio I [ART/P] (4.0 cr)

ARTS 3410 - Sculpture Studio II [ART/P] (4.0 cr)

or Ceramics

complete 16 credits from the following:

ARTS 3012 - Media Studies: Ceramics [ART/P] (2.0 - 4.0 cr)

ARTS 3650 - Ceramics Studio [ART/P] (4.0 cr)

or Drawing

complete 16 credits (beyond Studio Essentials courses and one semester of Drawing from Life) from the following:

ARTS 2101 - Drawing From Life [ART/P] (2.0 cr)

ARTS 3017 - Media Studies: Drawing [ART/P] (2.0 - 4.0 cr)

ARTS 3100 - Drawing Studio [ART/P] (2.0 - 4.0 cr)

or Photography/Digital Imaging

complete 16 credits from the following:

ARTS 3016 - Media Studies: Photographic and Digital Processes [ART/P] (2.0 - 4.0 cr)

ARTS 3500 - Photographic and Digital Processes [ART/P] (4.0 cr)

Art, Studio Electives

Complete 10 credits that differ from primary medium.

Take 10 or more credit(s) from the following:

- ARTS 3002 - Media Studies: Artist's Books [ART/P] (2.0 - 4.0 cr)
- ARTS 3006 - Media Studies: Feminist Art: A Studio Perspective [ART/P] (2.0 - 4.0 cr)
- ARTS 3007 - Media Studies: Printmaking [ART/P] (2.0 - 4.0 cr)
- ARTS 3012 - Media Studies: Ceramics [ART/P] (2.0 - 4.0 cr)
- ARTS 3013 - Media Studies: Painting [ART/P] (2.0 - 4.0 cr)
- ARTS 3014 - Media Studies: Fabric as Form [ART/P] (2.0 - 4.0 cr)
- ARTS 3015 - Media Studies: Sculpture [ART/P] (2.0 - 4.0 cr)
- ARTS 3016 - Media Studies: Photographic and Digital Processes [ART/P] (2.0 - 4.0 cr)
- ARTS 3017 - Media Studies: Drawing [ART/P] (2.0 - 4.0 cr)
- ARTS 3100 - Drawing Studio [ART/P] (2.0 - 4.0 cr)
- ARTS 3200 - Printmaking Studio I [ART/P] (4.0 cr)
- ARTS 3210 - Printmaking Studio II [ART/P] (4.0 cr)
- ARTS 3300 - Painting Studio I [ART/P] (4.0 cr)
- ARTS 3310 - Painting Studio II [ART/P] (4.0 cr)
- ARTS 3400 - Sculpture Studio I [ART/P] (4.0 cr)
- ARTS 3410 - Sculpture Studio II [ART/P] (4.0 cr)
- ARTS 3500 - Photographic and Digital Processes [ART/P] (4.0 cr)
- ARTS 3650 - Ceramics Studio [ART/P] (4.0 cr)
- ARTS 3994 - Directed Research [ART/P] (1.0 - 5.0 cr)
- ARTS 3xxx



- ARTS 4xxx

Art History Electives

Take 8 or more credit(s) from the following:

- ARTH 2102 - Art and Archaeology of Ancient Greece [FA] (4.0 cr)
- ARTH 2103 - Art and Archaeology of Ancient Rome [FA] (4.0 cr)
- ARTH 2104 - Irish Art and Archaeology [FA] (4.0 cr)
- ARTH 2106 - Rome, Jerusalem, and Constantinople: The Art of Three Ancient Capitals [FA] (4.0 cr)
- ARTH 2xxx
- ARTH 3112 - Faith, Image, and Power: Art and the Byzantine Empire [FA] (4.0 cr)
- ARTH 3113 - Early Islamic Art and Culture [FA] (4.0 cr)
- ARTH 3132 - Castles and Cathedrals [FA] (4.0 cr)
- ARTH 3142 - Art of the Italian Renaissance, 1300-1520 [FA] (4.0 cr)
- ARTH 3161 - After Leonardo: Mannerist and Venetian Renaissance Art [FA] (4.0 cr)
- ARTH 3171 - Baroque Art [FA] (4.0 cr)
- ARTH 3191 - American Art to 1900 [FA] (4.0 cr)
- ARTH 3201 - Nineteenth-Century Art in Europe [FA] (4.0 cr)
- ARTH 3211 - Modern European Art from Impressionism to Surrealism [FA] (4.0 cr)
- ARTH 3221 - Global Contemporary Art, 1945 to the Present [FA] (4.0 cr)
- ARTH 3231 - History of Photography [FA] (4.0 cr)
- ARTH 3272 - Athens, Art, and Theatre [FA] (4.0 cr)
- ARTH 3273 - Ars Otii: The Art of Roman Leisure [FA] (4.0 cr)
- ARTH 3274 - Modern Art in Germany [FA] (4.0 cr)
- ARTH 3281 - Women and Art [FA] (4.0 cr)
- ARTH 3291 - Facing the Past: Portraiture and Social History [FA] (4.0 cr)
- ARTH 3xxx
- ARTH 4xxx

Morris Campus

Studio Art Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 30

The goal of the studio art curriculum is to introduce liberal arts students to the technical, conceptual, and communication skills necessary to activities in the visual arts and to help them understand the major traditions and the place of visual arts in our culture. Studio courses serve the needs of students planning to pursue graduate studies in art, students interested in exploring their own creative potential as part of the general education, and students preparing for secondary school teaching.

Program Student Learning Outcomes:

1. Students will be able to demonstrate proficiency in a variety of technical skills including understanding materials, processes, safe use of tools and environmental stewardship.
2. Students will be able to integrate formal, technical and conceptual intentions within two-dimensional and three-dimensional art practice.
3. Students will be able to critique and analyze their own artwork and the art of others.
4. Students will demonstrate in-depth knowledge of the major historical traditions and contemporary developments of art, including historical, social and cultural contexts.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Studio courses are assessed an individual lab fee.

No grades below C- are allowed. Courses may not be taken S-N, unless offered S-N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

The Studio Essentials courses are preparation for advanced work in studio art. The two related parts must be taken concurrently and in sequence during the first year. One 1xxx art history course is also recommended during the first year.

First Term of Studio Essentials

ARTS 1101 - Studio Essentials: Observational Drawing [ART/P] (2.0 cr)
with **ARTS 1103** - Studio Essentials: Materials and Design [ART/P] (2.0 cr)

Second Term of Studio Essentials

ARTS 1102 - Studio Essentials: Experimental Drawing [ART/P] (2.0 cr)
with **ARTS 1104** - Studio Essentials: Materials and Space [ART/P] (2.0 cr)

Second Year Requirements

ARTS 2101 - Drawing From Life [ART/P] (2.0 cr)
ARTS 2601 - The Artist in Studio and in Society [FA] (2.0 cr)
ARTS 2602 - Digital Fundamentals [ART/P] (2.0 cr)

Concentrated Studio Art Courses

Complete one 16 credit sequence in one major medium or two 8 credit sequences in different media.

Option 1 - A single 16 credit sequence

Printmaking

Take exactly 16 credit(s) from the following:

- **ARTS 3007** - Media Studies: Printmaking [ART/P] (2.0 - 4.0 cr)



- ARTS 3200 - Printmaking Studio I [ART/P] (4.0 cr)
- ARTS 3210 - Printmaking Studio II [ART/P] (4.0 cr)

or Painting

Take exactly 16 credit(s) from the following:

- ARTS 3013 - Media Studies: Painting [ART/P] (2.0 - 4.0 cr)
- ARTS 3300 - Painting Studio I [ART/P] (4.0 cr)
- ARTS 3310 - Painting Studio II [ART/P] (4.0 cr)

or Sculpture

Take exactly 16 credit(s) from the following:

- ARTS 3015 - Media Studies: Sculpture [ART/P] (2.0 - 4.0 cr)
- ARTS 3400 - Sculpture Studio I [ART/P] (4.0 cr)
- ARTS 3410 - Sculpture Studio II [ART/P] (4.0 cr)

or Ceramics

Take exactly 16 credit(s) from the following:

- ARTS 3012 - Media Studies: Ceramics [ART/P] (2.0 - 4.0 cr)
- ARTS 3650 - Ceramics Studio [ART/P] (4.0 cr)

or Drawing

Take exactly 16 credit(s) from the following:

- ARTS 2101 - Drawing From Life [ART/P] (2.0 cr)
- ARTS 3017 - Media Studies: Drawing [ART/P] (2.0 - 4.0 cr)
- ARTS 3100 - Drawing Studio [ART/P] (2.0 - 4.0 cr)

or Photography/Digital Imaging

Take exactly 16 credit(s) from the following:

- ARTS 3016 - Media Studies: Photographic and Digital Processes [ART/P] (2.0 - 4.0 cr)
- ARTS 3500 - Photographic and Digital Processes [ART/P] (4.0 cr)

or Option 2 - Take two 8 credit sequences

Take 2 or more sub-requirements(s) from the following:

Printmaking

Take exactly 8 credit(s) from the following:

- ARTS 3007 - Media Studies: Printmaking [ART/P] (2.0 - 4.0 cr)
- ARTS 3200 - Printmaking Studio I [ART/P] (4.0 cr)
- ARTS 3210 - Printmaking Studio II [ART/P] (4.0 cr)

•Painting

Take exactly 8 credit(s) from the following:

- ARTS 3013 - Media Studies: Painting [ART/P] (2.0 - 4.0 cr)
- ARTS 3300 - Painting Studio I [ART/P] (4.0 cr)
- ARTS 3310 - Painting Studio II [ART/P] (4.0 cr)

•Sculpture

Take exactly 8 credit(s) from the following:

- ARTS 3015 - Media Studies: Sculpture [ART/P] (2.0 - 4.0 cr)
- ARTS 3400 - Sculpture Studio I [ART/P] (4.0 cr)
- ARTS 3410 - Sculpture Studio II [ART/P] (4.0 cr)

•Ceramics

Take exactly 8 credit(s) from the following:

- ARTS 3012 - Media Studies: Ceramics [ART/P] (2.0 - 4.0 cr)
- ARTS 3650 - Ceramics Studio [ART/P] (4.0 cr)

•Drawing

(complete 8 credits beyond Studio Essentials courses and one semester of Drawing from life)

Take exactly 8 credit(s) from the following:

- ARTS 2101 - Drawing From Life [ART/P] (2.0 cr)
- ARTS 3100 - Drawing Studio [ART/P] (2.0 - 4.0 cr)
- ARTS 3017 - Media Studies: Drawing [ART/P] (2.0 - 4.0 cr)

•Photography/Digital Imaging

Take exactly 8 credit(s) from the following:

- ARTS 3016 - Media Studies: Photographic and Digital Processes [ART/P] (2.0 - 4.0 cr)
- ARTS 3500 - Photographic and Digital Processes [ART/P] (4.0 cr)

Art, Studio Electives

Take 0 or more credit(s) from the following:

- ARTS 3002 - Media Studies: Artist's Books [ART/P] (2.0 - 4.0 cr)
- ARTS 3006 - Media Studies: Feminist Art: A Studio Perspective [ART/P] (2.0 - 4.0 cr)
- ARTS 3994 - Directed Research [ART/P] (1.0 - 5.0 cr)

Morris Campus

Sustainability Leadership Minor

M Acad Dean's Admin

Academic Affairs

- Program Type: Undergraduate free-standing minor
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 20 to 24

Sustainability leadership is an interdisciplinary minor. The program is administered on a rotating basis by 2-3 affiliated faculty and staff with oversight by the dean.

The interdisciplinary field of sustainability leadership is designed for students who wish to promote environmental, social, and economic sustainability in their personal and professional lives. The minor provides an opportunity for students in any academic major to develop key competencies that will be the foundation for their growth as sustainability leaders in their civic and professional endeavors.

Coursework in sustainability leadership requires a core course in environmental problems and policy that will provide students with a foundation for considering what "sustainability" means. Courses in communication, diverse perspectives and ethical issues, and the interconnectedness of systems build on that core. All students must also participate in a co-curricular leadership skills series of workshops and undertake a community-engaged learning project that will provide practical experience in leadership and immersive experience in sustainability (that is, an opportunity to engage, observe and learn in depth about sustainability challenges and solutions related to the student's chosen theme). Students have options in each set of requirements and in an additional elective for how they choose to define further their understanding of sustainability and leadership in the areas of communication, ethics, human interactions, environmental issues, and more.

Objectives

On all levels, students explore the implications and intersections of sustainability and leadership within and across disciplines. The sustainability leadership minor works well with any major to prepare students for graduate study as well as various internship or career opportunities.

Program Student Learning Outcomes

In the core courses for the sustainability leadership minor, students will:

- * Describe human-environment interactions and related problems and policies
- * Communicate about issues of sustainability to the public and diverse audiences
- * Analyze and interpret multiple perspectives related to decision-making and leadership
- * Reflect on personal and social contexts that lead to construction of belief, culture, and knowledge.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Students must complete a significant amount of coursework in sustainability leadership at UMM but are also strongly encouraged to study abroad or on other campuses. In order to count study abroad toward the minor, all students must procure formal approval of coursework from the sustainability minor steering committee prior to departure. (Typically, no more than 6 credits from study abroad may count toward the minor.) Students who wish to make any exceptions or substitutions for minor requirements must petition and be approved by the program. Sustainability leadership is by nature interdisciplinary.

No grades below C- may count toward the sustainability leadership minor. No courses may be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

A minimum of 20 credit is required for the minor.

Some courses may require completion of prerequisites. Students should review the prerequisites listed in the catalog or class



schedule.

Policy

[ENST 1101](#) - Environmental Problems and Policy [ENVT] (4.0 cr)

Communication

Courses fulfilling the Communication requirement provide students with opportunities to develop and practice skills and strategies for interpersonal or group interaction including those related to media and social change.

Take 2 or more credit(s) from the following:

- [CMR 2062](#) - Interpersonal and Group Communication [HUM] (4.0 cr)
- [CMR 2102](#) - Communication and the Environment: Analysis and Criticism [HUM] (2.0 cr)
- [CMR 2311](#) - Media History and Society [SS] (4.0 cr)
- [CMR 3311](#) - Social Uses of the Media [E/CR] (4.0 cr)
- [HIST 2003](#) - Public History [HIST] (2.0 cr)
- [POL 2461](#) - Diplomatic Negotiation [IP] (4.0 cr)
- [PSY 3501](#) - Social Psychology (4.0 cr)
- [PSY 3513](#) - Negotiation (4.0 cr)
- [TH 2201](#) - Voice and Movement [ART/P] (4.0 cr)

Ethics and Interactions

These courses examine civic, moral, and political responsibilities in the context of environment, economics, and well-being.

Take 2 or more credit(s) from the following:

- [ENST 3112](#) - Climate Change and Moral Responsibility [ENVT] (4.0 cr)
- [IS 3253H](#) - Honors: Honoring Native Treaties: Human Rights and Civic Responsibilities [E/CR] (2.0 cr)
- [POL 2354](#) - Political Ethics [E/CR] (4.0 cr)
- [POL 3272](#) - Making Environmental Public Policy [ENVT] (4.0 cr)
- [PSY 3542](#) - Multicultural Psychology [HDIV] (4.0 cr)

Community Engagement

Activities fulfilling the Community Engagement requirement provide practical experience partnering or collaborating with sustainability-related organizations or groups.

Take at most 4 credit(s) from the following:

- [IS 3104](#) - Sustaining Community: Stewardship, Leadership, and Social Change [E/CR] (4.0 cr)
- Other activities may include a discipline/advisor approved 3000-level directed study, service-learning designated course, extended volunteer service within a campus unit, or internship based on a real-world sustainability need, issue, topic if such activity includes a community engagement attribute, paper, and public presentation and/or publication.

Systems

These courses explore components, connections, perspectives, and boundaries related to social, economic, and environmental issues.

Take 2 or more credit(s) from the following:

- [BIOL 3131](#) - Ecology [SCI-L] (4.0 cr)
- [ECON 3007](#) - Environmental and Natural Resource Economics I [ENVT] (2.0 cr)
- [ECON 3008](#) - Environmental and Natural Resource Economics II [ENVT] (2.0 cr)
- [ENST 3101](#) - Industrial Ecology (4.0 cr)
- [IS 2039](#) - Understanding Cuba [IP] (2.0 cr)
- [MGMT 3221](#) - Management and Organization Theory (4.0 cr)
- [MGMT 3701](#) - Organizational Behavior [SS] (4.0 cr)
- [PSY 3701](#) - Organizational Behavior [SS] (4.0 cr)
- [SSA 3172](#) - Leadership in Sport Organizations [SS] (2.0 cr)

Morris Leadership Education and Development Program (MLEAD)

The goal of MLEAD is to provide students exposure to and reflection on issues including multicultural leadership, social change, group dynamics and development, and ethical leadership to increase leadership capacity and competency. MLEAD is taught by the Office of Student Activities, Conferences, and Special Events.

Additional Elective

One additional course (exclusive of any used to complete other areas in the minor) in ESci, EnSt, or with an ENVT general education designation to strengthen students' understanding of sustainability in relation to environmental issues. Possibilities are offered in a variety of disciplines and include CFAN 3520. Germany: Leading the Renewables Revolution (J-term study abroad, competitive admission; 3 credits).

Take 2 or more credit(s) from the following:

- [ANTH 3204](#) - Culture, Food, and Agriculture [ENVT] (4.0 cr)
- [ANTH 3251](#) - Health and Human Ecology [ENVT] (2.0 cr)
- [ECON 3007](#) - Environmental and Natural Resource Economics I [ENVT] (2.0 cr)
- [ECON 3008](#) - Environmental and Natural Resource Economics II [ENVT] (2.0 cr)



- ECON 3136** - Economics of the Green Power Transition: New Business Models and Regulatory Strategies [ENVT] (2.0 cr)
- ENGL 3062** - Carbon Energy Literatures: Energy, Climate, and Crisis in the 20th and 21st Century [ENVT] (4.0 cr)
- ENST 3001** - Water Resources Policy [ENVT] (4.0 cr)
- ENST 3112** - Climate Change and Moral Responsibility [ENVT] (4.0 cr)
- ENST 3xxx
- ESCI 3xxx
- FREN 3507** - Modern Studies: French for Sustainability [ENVT] (2.0 cr)
- GEOG 3501** - Geographic Information Systems [ENVT] (4.0 cr)
- GEOL 3011** - Earth Resources [ENVT] (4.0 cr)
- GEOL 3502** - Groundwater [ENVT] (4.0 cr)
- HIST 3361** - An Environmental and Geographic History of the United States [ENVT] (4.0 cr)
- IS 3053** - Irish Texts and Contexts [ENVT] (4.0 cr)
- IS 3215H** - Honors: Sagas before the Fall: Culture, Climate, and Collapse in Medieval Iceland [ENVT] (2.0 cr)
- IS 3237H** - Honors: The Power of Place: An Interdisciplinary Approach to Where We Live [ENVT] (2.0 cr)
- IS 3254H** - Honors: The Prairie: What It Was, What It Is, What It Can Be [ENVT] (2.0 cr)
- PHYS 3004** - Atmospheric Physics [ENVT] (4.0 cr)
- POL 3272** - Making Environmental Public Policy [ENVT] (4.0 cr)
- POL 3355** - Environmental Political Theory [ENVT] (4.0 cr)
- SOC 3112** - Sociology of the Environment and Social Development [ENVT] (4.0 cr)
- SOC 3131** - World Population [ENVT] (4.0 cr)

Recommended Electives

Although not required, additional coursework in written and oral communication is highly recommended. Several possibilities are listed below.

Take 0 or more credit(s) from the following:

- CMR 1042** - Public Speaking and Analysis [E/CR] (4.0 cr)
- CMR 2321** - Digital Media Production [HUM] (4.0 cr)



Morris Campus

Theatre Arts B.A.

Division of Humanities - Adm

Division of Humanities

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 38 to 40
- Degree: Bachelor of Arts

The discipline encompasses theatre as an artistic form and as a social and cultural institution. The study of theatre arts enables the individual to develop a creative imagination, an inquiring mind, a sense of social responsibility, professional discipline, a collaborative attitude, artistic standards and judgment, and a respect for the art form. The curriculum explores the fundamentals of acting, design and directing with electives that delve deeper into each area of theatre. The discipline produces multiple production each year, providing students with opportunities to act and design. In addition, student theatre and improvisation groups produce performances each semester.

Objectives

The theatre arts curriculum is designed to ensure that students

- *understand the theories and process of theatrical production;
- *are able to apply theories and skills learned in the classroom to the practice of theatre both through discipline productions and other venues;
- *gain the physical and intellectual skills necessary to embody character, interpret a play, or envision the visual and aural elements of the world of the play;
- *are able to analyze a theatrical text so that they may in turn conceptualize and execute its design and performance; *learn to collaborate as a team in the production of theatre and, through critical thinking, learn how to solve the problems that must be addressed throughout the process; develop competence in the technologies necessary to the design and production of theatre;
- *learn the historical and cultural significance of theatre and theatrical literature;
- *are competent in oral and written communication; and
- *are adequately prepared for graduate or professional school.

Program Student Learning Outcomes

- * understand the theories and process of theatrical production;
- * are able to apply theories and skills learned in the classroom to the practice of theatre both through discipline productions and other venues;
- * gain the physical and intellectual skills necessary to embody character, interpret a play, or envision the visual and aural elements of the world of the play;
- * are able to analyze a theatrical text so that they may, in turn, conceptualize and execute its design and performance;
- * learn to collaborate as a team in the production of theatre and, through critical thinking, learn how to solve the problems that must be addressed throughout the process;
- * develop competence in the technologies necessary to the design and production of theatre;
- * learn the historical and cultural significance of theatre and theatrical literature;
- * are competent in oral and written communication

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

General Requirements

All students are required to complete general University and college requirements. For more information, see the [general education requirements](#).



Program Requirements

Students are required to take 2 semester(s) of any second language.

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the major requirements if offset by an equivalent number of credits of A or B. Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the major to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

- TH 1101 - The Theatre Experience: An Introduction [FA] (4.0 cr)
- TH 1111 - Fundamentals of Acting [ART/P] (4.0 cr)
- TH 1301 - Fundamentals of Design [ART/P] (4.0 cr)
- TH 2101 - Fundamentals of Directing [ART/P] (4.0 cr)
- TH 2301 - Stagecraft [ART/P] (4.0 cr)
- TH 3101 - World Theatre: History and Literature I [FA] (4.0 cr)
- TH 3102 - World Theatre: History and Literature II [FA] (4.0 cr)
- TH 3201 - Advanced Acting [ART/P] (4.0 cr)
or TH 3202 - Advanced Directing [ART/P] (4.0 cr)
- TH 4901 - Senior Project (2.0 - 4.0 cr)

Elective Courses

Take 4 or more credit(s) from the following:

- TH 2111 - Creative Drama with Children [ART/P] (4.0 cr)
- TH 2113 - Costume Design [ART/P] (2.0 cr)
- TH 2114 - Sound Design [ART/P] (2.0 cr)
- TH 2201 - Voice and Movement [ART/P] (4.0 cr)
- TH 2211 - Oral Interpretation [ART/P] (4.0 cr)
- TH 2221 - Readers' Theatre [ART/P] (4.0 cr)
- TH 3001 - Theatre Scene Painting Studio [FA] (4.0 cr)
- TH 3003 - Stage Management [ART/P] (4.0 cr)
- TH 3201 - Advanced Acting [ART/P] (4.0 cr)
- TH 3202 - Advanced Directing [ART/P] (4.0 cr)
- TH 3301 - Stage Lighting [ART/P] (4.0 cr)
- TH 3303 - Computer-Assisted Drawing [ART/P] (4.0 cr)
- TH 3309 - Scenic Design [FA] (4.0 cr)

Other Requirements

At least one para-programmatic theatre experience that is arranged through a theatre arts faculty member and may take any number of forms, e.g., internship with a theatre company, study abroad, or theatre tour to New York (TH 1040) or London (TH 1050). Portfolio review in the third year.

Six major production responsibilities (four of which must be in a faculty-directed production, all others must be pre-approved by faculty, and three must be in the junior and senior years).



Morris Campus

Theatre Arts Minor

Division of Humanities - Adm

Division of Humanities

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2021
- Required credits in this minor: 28

The discipline encompasses theatre as an artistic form and as a social and cultural institution. The study of theatre arts enables the individual to develop a creative imagination, an inquiring mind, a sense of social responsibility, professional discipline, a collaborative attitude, artistic standards and judgment, and a respect for the art form. The curriculum explores the fundamentals of acting, design and directing with electives that delve deeper into each area of theatre. The discipline produces multiple production each year, providing students with opportunities to act and design. In addition, student theatre and improvisation groups produce performances each semester.

Objectives

The theatre arts curriculum is designed to ensure that students:

Understand the theories and process of theatrical production;

Are able to apply theories and skills learned in the classroom to the practice of theatre both through discipline productions and other venues;

Gain the physical and intellectual skills necessary to embody character, interpret a play, or envision the visual and aural elements of the world of the play;

Are able to analyze a theatrical text so that they may in turn conceptualize and execute its design and performance; *learn to collaborate as a team in the production of theatre and, through critical thinking, learn how to solve the problems that must be addressed throughout the process; develop competence in the technologies necessary to the design and production of theatre;

Learn the historical and cultural significance of theatre and theatrical literature;

Are competent in oral and written communication; and

Are adequately prepared for graduate or professional school.

Program Student Learning Outcomes

Understand the theories and process of theatrical production;

Are able to apply theories and skills learned in the classroom to the practice of theatre both through discipline productions and other venues;

Gain the physical and intellectual skills necessary to embody character, interpret a play, or envision the visual and aural elements of the world of the play;

are able to analyze a theatrical text so that they may, in turn, conceptualize and execute its design and performance;

Learn to collaborate as a team in the production of theatre and, through critical thinking, learn how to solve the problems that must be addressed throughout the process;

Develop competence in the technologies necessary to the design and production of theatre;

Learn the historical and cultural significance of theatre and theatrical literature;

Are competent in oral and written communication.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Up to 4 credits of coursework with a grade of D or D+ may be used to meet the minor requirements if offset by an equivalent number of credits of A or B. Courses may not be taken S/N unless offered S/N only.

A minimum GPA of 2.00 is required in the minor to graduate. The GPA includes all, and only, University of Minnesota coursework. Grades of "F" are included in GPA calculation until they are replaced.

Required Courses

[TH 1101](#) - The Theatre Experience: An Introduction [FA] (4.0 cr)



- TH 1301 - Fundamentals of Design [ART/P] (4.0 cr)
TH 2301 - Stagecraft [ART/P] (4.0 cr)
TH 1111 - Fundamentals of Acting [ART/P] (4.0 cr)
or TH 2101 - Fundamentals of Directing [ART/P] (4.0 cr)

Elective Courses

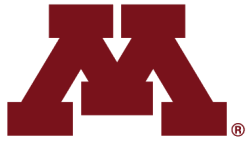
4 cr must be 3xxx or above

Take 12 or more credit(s) from the following:

- TH 2111 - Creative Drama with Children [ART/P] (4.0 cr)
- TH 2113 - Costume Design [ART/P] (2.0 cr)
- TH 2114 - Sound Design [ART/P] (2.0 cr)
- TH 2201 - Voice and Movement [ART/P] (4.0 cr)
- TH 2211 - Oral Interpretation [ART/P] (4.0 cr)
- TH 2221 - Readers' Theatre [ART/P] (4.0 cr)
- TH 3001 - Theatre Scene Painting Studio [FA] (4.0 cr)
- TH 3003 - Stage Management [ART/P] (4.0 cr)
- TH 3101 - World Theatre: History and Literature I [FA] (4.0 cr)
- TH 3102 - World Theatre: History and Literature II [FA] (4.0 cr)
- TH 3201 - Advanced Acting [ART/P] (4.0 cr)
- TH 3202 - Advanced Directing [ART/P] (4.0 cr)
- TH 3301 - Stage Lighting [ART/P] (4.0 cr)
- TH 3303 - Computer-Assisted Drawing [ART/P] (4.0 cr)
- TH 3309 - Scenic Design [FA] (4.0 cr)

Production Requirement

Three major production responsibilities (at least one of which must be in a faculty-directed production, and at least two must be completed in the junior and senior years).



UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

University of Minnesota Morris 2021-23 Undergraduate Courses

This document serves as an official historical record for a specific period in time. The information found is subject to change without notice. Colleges and departments make changes to their degree requirements and course descriptions frequently. More information is available at catalogs.umn.edu.

For current information, refer to:

- Program search: z.umn.edu/publicprogramsearch
- Course search: z.umn.edu/publiccoursecatalog
- University policies: policy.umn.edu

University of Minnesota Morris
600 E 4th St., Morris, MN 56267
www4.morris.umn.edu

American Sign Language (ASL)

ASL 1001. Beginning American Sign Language I. (4 cr. ; Student Option; Every Fall)

Students develop a working vocabulary of conceptually based signs. Emphasis is on receptive abilities. Students develop an awareness of the history of sign language and explore various signing systems, their most common uses, and the cultural rules and values of American Deaf culture. [Note: no credit for students who have received cr for Ed 1011]

ASL 1002. Beginning American Sign Language II. (WL; 4 cr. ; Student Option; Periodic Spring)

Continuation of the sequence beginning with 1001. Students develop a working vocabulary of conceptually based signs, receptive ability, and an awareness of the history of sign language. They also explore various signing systems, their most common uses, and the cultural rules and values of American Deaf culture. [Note: no credit for students who have received cr for Ed 1012] prereq: 1001 or placement or instr consent

Anthropology (ANTH)

ANTH 1103. People of the Past: Introduction to Archaeology. (SS; 4 cr. ; Student Option; Every Spring)

Survey of prehistoric and early historic cultures from around the world. Covers the development of hunting and gathering societies, origins of agriculture, and growth of urbanization and state-level societies.

ANTH 1111. Introductory Cultural Anthropology. (SS; 4 cr. ; Student Option; Every Fall)

Varieties and range of human behavior as revealed through the comparative study of cultures throughout the world. Concepts developed by anthropologists to explain both the unity and diversity of humankind.

ANTH 1201. Becoming Human: Introduction to Biological Anthropology. (SCI-L; 5 cr. ; Student Option; Every Spring)

What is human nature, and how did we get this way? The class covers evolutionary theory, modern human biodiversity, our primate relatives, and human evolution. Includes a 90-minute lab session.

ANTH 1813. Culture on TV: An Introduction to Anthropology. (IC; 2 cr. ; Student Option; Periodic Fall)

Introduction to basic anthropological concepts using popular depictions of "culture" and anthropology in the media, specifically, in reality TV. Students watch clips or episodes of TV shows like "Cops," "Sister Wives," "Run's House," and "Deadliest Catch." These serve as a springboard to critical engagement with anthropological concerns and concepts like cultural relativism, ethics of research and entertainment, religion, gift exchange, sexuality, gender, marriage, and kinship.

prereq: new college student in their first semester of enrollment at UMM

ANTH 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) Individualized on- or off-campus research project or other learning activity not covered in the regular Anthropology curriculum. Topic determined by the student and instructor.

ANTH 2001. How We Study People: Introduction to Methods in Cultural Anthropology. (SS; 2 cr. ; Student Option; Every Spring)

Survey of methods in cultural anthropology. prereq: any 1xxx Anth or Soc course

ANTH 2002. Learning from the Dead: Introduction to Methods in Archaeology and Biological Anthropology. (SS; 2 cr. ; Student Option; Every Spring)

Survey of archaeological methods (lithic and ceramic analysis, zooarchaeology, paleoethnobotany, geoarchaeology, etc.), as well as biological anthropology methods (genetics, paleoanthropology, bioarchaeology, etc.). Introduction to data interpretation and site formation processes. Includes lecture and hands-on work with archaeological and biological anthropology materials. prereq: any 1xxx Anth course

ANTH 2121. Topics in Cultural Anthropology. (SS; 4 cr. ; Student Option; Periodic Fall)

Survey of ethnography (a key genre of anthropology writing) including classical and contemporary works. Consider issues about how research is conducted, how it is represented in writing, and ethics and consider the variety of ways in which anthropologists approach their work. Some locations, topics, and approaches may be determined by student interests.

ANTH 2151. Professional Skills in Anthropology. (SS; 2 cr. ; Student Option; Every Fall)

An overview of academic and practical skills needed in the study of anthropology and in anthropology-related careers, including field-specific presentation and writing skills. Includes discussion and examples of career paths in and outside of academia. prereq: any 1xxx Anth course

ANTH 2202. Men and Masculinities. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)

Introduction to the field of men and masculinity. Examines cultural construction of masculinity in sports, family, work, media, and other social realms, with a focus on contemporary American, Chinese, Mexican, and Japanese societies. Highlights the multiple masculinities that exist, showing which are privileged and what effects this hierarchy of masculinities has. Topics include men's movements and networks, men's socialization, male sexuality and fertility, male aggression and violence, the idea of machismo, intimacy and friendship among males, fatherhood, men's experiences with sports and work, media representations of boys and men, and the social construction of masculinities in different historical and cultural

contexts. Helps students understand how masculinity as a social concept affects their relationships with the people in their lives, approaching gender problems in a rational way, and developing cultural sensitivity toward masculinity issues.

ANTH 2204. Anthropology of Education: Learning and Schooling in Ethnographic Perspective. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)

Introduction to the central concepts and methods used by cultural anthropologists to study and understand educational processes. Exploration of approaches to diverse educational settings, including both formal and informal contexts. The seminar-style format of the course emphasizes critical thinking and encourages students to connect the readings and course topics to their own lives and experiences.

ANTH 2206. Sex, Marriage, and Family. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring)

Introduction to classic anthropological theories of sexuality, kinship, and marriage. Consider how emotional and experiential aspects of sex, marriage, and family life--love and romance as well as conflict and control--are shaped by formal arrangements known as "social structure." Topics such as gift-exchange, cousin-marriage, patrilineal and matrilineal descent, incest, arranged marriage, and the concept of "blood" relations in North American families are addressed. Also explore recent anthropological work on such topics as transnational adoption, marriage migration, and new reproductive technologies.

ANTH 2501. Medical Anthropology-An Overview. (SS; 2 cr. [max 4 cr.] ; Student Option; Periodic Fall & Spring)

Examination of cultural understandings of health, illness, and healing. Using cross-cultural examples and an anthropological perspective, issues such as medicalization, authoritative knowledge, and global inequalities are examined. Examples and case studies may include such diverse topics as childbirth, nutrition, mental health, disease prevention, and the role of medical institutions. prereq: 1111 or Soc 1101

ANTH 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

Individualized on- or off-campus research project or other learning activity not covered in the regular anthropology curriculum. Topic determined by the student and instructor.

ANTH 3001. Theory in Cultural Anthropology. (2 cr. ; A-F only; Spring Even Year)

Examines the historical development of cultural anthropological theory, influences that shaped historical and contemporary theories in cultural anthropology, and major debates regarding their interpretation. [Note: no credit for students who have received cr for Anth 4901] prereq: 1111

ANTH 3002. Theory in Archaeology and Biological Anthropology. (2 cr. ; Student Option; Spring Odd Year)

Development of theoretical foundation for archaeology and biological anthropology, particularly evolutionary theory, ecological theory, and middle-range theory. Influences that shaped historical and contemporary theory in archaeology and biological anthropology. prereq: 1103

ANTH 3204. Culture, Food, and Agriculture. (ENVT; 4 cr. ; Student Option; Periodic Fall & Spring)

Examines food access, production, and consumption from an anthropological perspective. Emphasis on varying uses of and relationships to food including issues of sustainability, industrial food production systems, food as harmful or medicinal, religious meanings of food, social class, food marketing, gender, and nationalism. prereq: 1111 or Soc 1101 or Psy 1051 or instr consent

ANTH 3251. Health and Human Ecology. (ENVT; 2 cr. ; Student Option; Periodic Fall & Spring)

Exploration of human ecology with an emphasis on human health and demographics, the relationship between socio-environmental factors and human health/demographics, and the evolution of human adaptations. prereq: any Anth 1xxx course

ANTH 3402. Representations from the Field: American Indian Ethnography and Ethnohistory. (HDIV; 4 cr. ; Student Option; Periodic Fall)

Same as Hist 3402. An analysis of ethnographic and ethnohistoric materials focusing on specific American Indian cultures.

ANTH 3455. North American Archaeology. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)

The archaeology of the societies located in the current United States and Canada prior to European colonization. Includes the earliest human colonization of North America (circa 12,000 years ago), early hunting and gathering societies, the development of agriculture, and the formation of complex chiefdoms. Emphasis on the diversity of cultures, languages, economies, and environments found throughout precontact North America.

ANTH 3461. Archaeology of Eurasia and Africa. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)

The archaeology of Europe, Asia, and Africa, from 30,000 years ago up to the development of state-level societies on all three continents. Focus is on prehistory and non-Classical societies.

ANTH 3465. Archaeology and Native Peoples. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring)

Consideration of examples of archaeological investigations which take Native peoples and cultures as their objective focus; the foundations of a scientific epistemology and philosophy underwriting that focus; the reaction and resistance of Native communities to this kind of archaeology and the epistemological differences informing their positions; and examples of how archaeology might integrate both Native and scientific epistemological

stances for a more ethically equitable approach to the past. The goal is to introduce students to scholarly and literary resources that bring opposing viewpoints into conversation with one another.

ANTH 3502. Latinos in the Midwest. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)

Explore the history and experiences of Latinos in the Midwest United States. Starting from a historical perspective, the course examines issues including (im)migration, undocumented status, language, religion, race/ethnicity, media, and economy. A comparative framework emphasizes the unique context of migration into (rather than out of) rural communities as well as those far from a national border. Given the context of the local Morris community, the focus is particularly on rural Latino experiences.

ANTH 3603. Latin American Archaeology. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)

Latin America from the earliest human colonization to European contact. Includes societies from northern Mexico through Tierra del Fuego, as well as the Caribbean. Covers early hunting gathering societies, origins of agriculture, the rise of powerful states and empires, and their influence on later Colonial-period societies.

ANTH 3604. Gender and Sexuality in Latin America. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)

A survey of gender and sexuality in contemporary Latin America. Course readings attend to the ways gender and sexuality intersect with factors such as race, ethnicity, social class, and religion. Topics include women's activism, public health, LGBTQ activism, tourism, and globalized labor.

ANTH 3701. Forensic Anthropology. (SCI-L; 4 cr. ; Student Option; Fall Odd Year)

Recovery, identification, and analysis of human skeletal remains, including investigation techniques, identification of age, sex, ancestry, and cause of death. Two 65-min lectures and one 2-hour lab weekly. prereq: 1201 or Biol 2102

ANTH 3704. Anthropological Genetics. (SCI; 4 cr. ; A-F only; Periodic Fall & Spring)

Genetic variation in *Homo sapiens*, links between genes and behavior, and environmental effects on gene expression. Inheritance, "race," and population genetics. Genetics as a data source in paleoanthropology, including DNA recovered from fossil hominins. Human genetic change since the development of agriculture. Basic bioinformatic methods. prereq: 1201 or Biol 1111

ANTH 3705. The Archaeology of Death and Burial. (4 cr. ; Student Option; Periodic Fall & Spring)

The study of human remains in archaeological sites, with particular attention to the analysis of mortuary behavior and reconstruction of demographic processes from buried populations. Covers theory, methodology,

results, and ethics in the subfield of bioarchaeology. prereq: 1103

ANTH 3751. Primatology. (SCI; 2 cr. ; Student Option; Periodic Spring)

A survey of non-human primates (monkeys, apes, and prosimians), with a focus on their physical and behavioral adaptations. Also covers basic methods in primatology, the evolution of primate taxonomic groups, and modern conservation status.

ANTH 3761. Human Fossil Record. (SCI; 2 cr. ; Student Option; Periodic Spring)

In-depth exploration of the human evolution through the fossil record, from the last common ancestor with chimpanzees (around 6 million years ago) up to the extinction of the last pre-modern human (sub)species. prereq: 1201

ANTH 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

Individualized on- or off-campus research project or other learning activity not covered in the regular anthropology curriculum. Topic determined by the student and instructor.

ANTH 4411. Research in Cultural Anthropology. (E/CR; 4 cr. ; A-F only; Fall Even Year)

Exploration and evaluation of methods used in cultural anthropology; qualitative methods; research ethics; and design of qualitative research project. prereq: 1111, 2001

ANTH 4412. Research in Archaeology and Biological Anthropology. (4 cr. ; A-F only; Fall Odd Year)

Exploration and evaluation of methods used in archaeology and biological anthropology; quantitative methods; research ethics; design of research project. prereq: 2002

ANTH 4501. Archaeological Fieldschool. (SS; 4 cr. [max 8 cr.] ; Student Option; Periodic Summer)

Experience in archaeological fieldwork, including excavation, survey, artifact processing, and living under field conditions. prereq: instr consent

ANTH 4902. Senior Seminar. (; 2 cr. ; Student Option; Every Spring)

Seminar to guide anthropology majors in the completion of a directed study project; selection, definition, and execution of research project. Completion of seminar with research paper and public presentation of research results. prereq: 4411 or 4412

ANTH 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

Individualized on- or off-campus research project or other learning activity not covered in the regular anthropology curriculum. Topic determined by the student and instructor.

Art Education Methods (ARTE)

ARTE 4123. Methods of Teaching Art K-12. (; 4 cr. ; A-F only; Every Fall)

Objectives, curricula, special methods, materials, and evaluation appropriate for teaching art in K-12. prereq: admission to the secondary teacher education program, coreq

SeEd 4102, SeEd 4103, SeEd 4104, SeEd 4105

Art History (ARTH)

ARTH 1101. Interpreting the Visual World: An Introduction to Art History. (FA; 4 cr. ; Student Option; Periodic Fall & Spring)

We live in a visual culture - yet to what extent do we look deeply at, or think critically about, the art that surrounds us? This course introduces students to the field of art history and develops their abilities to more carefully observe, analyze, interpret, and appreciate works of art of the past and present.

ARTH 1111. Ancient to Medieval Art. (FA; 4 cr. ; Student Option; Every Fall)

Survey of the major works of art of western Europe from its origins in the Paleolithic period through to the full development of the Gothic era. Includes the monuments of ancient Mesopotamia, Egypt, Greece, and Rome as well as those of the Early Christian and Romanesque periods. Also includes some treatment of non-Western traditions in this era.

ARTH 1121. Renaissance to Modern Art. (FA; 4 cr. ; Student Option; Every Spring)

Survey of the major works of art of western Europe and the United States from 1400 to the present.

ARTH 1801. Memorials and Memorialization. (IC; 2 cr. ; Student Option; Periodic Fall)

An exploration of the ways in which cultures throughout time have sought to commemorate life, and death, through visual forms. Examines various types of memorials, including monuments, tombstones, quilts, and tattoos, and considers how these visual media express that which may elude words. prereq: new college student in their first semester of enrollment at UMM

ARTH 1802. We Live in a World of Art and Heritage. (IC; 2 cr. [max 4 cr.] ; Student Option; Periodic Fall)

An introduction to the theories, methods, and vocabulary of art history. Involves development of basic skills of research, analysis, and interpretation of individual works of art. Helps the student to understand the intrinsic as well as the historical-cultural meanings of works of art. prereq: new college student in their first semester of enrollment at UMM

ARTH 1803. Art+History, UMM+Community: Service-Learning Experience in Art History. (IC; 2 cr. ; Student Option; Periodic Fall)

Provides first-year students with an opportunity to explore the field of art history and its relevance to contemporary society through a collaborative, research-based project in which they work with community partners such as the Stevens County Historical Society and the Prairie Renaissance Cultural Alliance. prereq: new college student in their first semester of enrollment at UMM

ARTH 1804. The Archaeology of Jesus. (IC; 2 cr. ; Student Option; Periodic Fall)

Is there an archaeology of Jesus? What might it look like? This course provides a glimpse into how the study of human material culture

(boats, pots, etc.) can help to place Jesus and the relevant Biblical texts into a more detailed context. Focus is on the information we can gain from archaeological excavations around the Mediterranean. prereq: new college student in their first semester of enrollment at UMM

ARTH 2102. Art and Archaeology of Ancient Greece. (FA; 4 cr. ; Student Option; Fall Odd Year)

Beginning with the Bronze Age civilizations of the Aegean (Minoan, Cycladic, and Mycenaean), this course follows the development of the painting, sculpture, and architecture of ancient Greece, concentrating on the Classical period in Athens and the Hellenistic period in the Mediterranean. prereq: any 1xxx Arth course or sophomore status or instr consent

ARTH 2103. Art and Archaeology of Ancient Rome. (FA; 4 cr. ; Student Option; Spring Even Year)

In-depth study of Roman art and archaeology beginning with the Villanovans and Etruscans and ending with the rise of Early Christian art. Focus on the public and political art of the various emperors. prereq: any 1xxx Arth course or sophomore status or instr consent

ARTH 2104. Irish Art and Archaeology. (FA; 4 cr. ; Student Option; Periodic Fall & Spring)

Ireland looms large in our imaginations and remains a bucket list item for many. Yet, what is it exactly that one sees when one visits the emerald isle? This course introduces students to the rich artistic and architectural heritage of Ireland and the various historical, literary, social, political, and environmental forces that shaped it. prereq: any 1xxx Arth course or soph status or instr consent

ARTH 2106. Rome, Jerusalem, and Constantinople: The Art of Three Ancient Capitals. (FA; 4 cr. ; Student Option; Periodic Spring)

Rome, Jerusalem, and Constantinople were important capitals of the medieval world and their study offers an exciting window into the major empires of the time. This course introduces students to Byzantine, Islamic, and Late Antique art and architecture as reflected in the monuments of these three cities over their long histories. prereq: any 1xxx Arth course or soph status or instr consent

ARTH 2107. Global Modernisms: Modern Art in Latin America, Asia, Africa, and Beyond. (FA; 4 cr. ; Student Option; Periodic Fall & Spring)

An exploration of key examples of modern art in Latin America, Asia, Africa, and elsewhere. Examination of modern art in a global context, the intersection of modern art with imperialism and colonialism, and cross-cultural artistic exchanges. prereq: any 1xxx Arth course or sophomore status or instr consent

ARTH 3112. Faith, Image, and Power: Art and the Byzantine Empire. (FA; 4 cr. ; Student Option; Fall Even Year)

How are the seemingly unrelated strands of faith and power combined to make art in the Byzantine Empire? This course explores this question through a chronological and socio-

political treatment of Byzantine art and the various roles that it acquired. Examine political art, religious art, and the many ways in which they were combined. prereq: any 1xxx Arth course or jr status or instr consent

ARTH 3113. Early Islamic Art and Culture. (FA; 4 cr. ; Student Option; Spring Odd Year)

An investigation of Islamic art and architecture in both the secular and religious realm. Examination of these works in the context of the cultures and historical periods that produced them. Begins with the birth of Islamic art and continues up until the Ayyubid dynasty (14th century). prereq: any 1xxx Arth course or jr status or instr consent

ARTH 3132. Castles and Cathedrals. (FA; 4 cr. ; Student Option; Spring Even Year)

An investigation of the two major forms of architectural construction in the Middle Ages. Exploration of the development of the cathedral and castle as architectural forms and examination of the circumstances surrounding their evolution through the medieval period. Examples are drawn from continental Europe, the British Isles, and the Levant. prereq: any 1xxx Arth course or instr consent

ARTH 3142. Art of the Italian Renaissance, 1300-1520. (FA; 4 cr. ; Student Option; Spring Even Year)

A variety of methods (including stylistic, gender, and contextual theories) are used to explore the painting and sculpture of such artists as Giotto, Donatello, Leonardo, Raphael, and Michelangelo. prereq: any 1xxx Arth course or jr status or instr consent

ARTH 3161. After Leonardo: Mannerist and Venetian Renaissance Art. (FA; 4 cr. ; Student Option; Fall Odd Year)

An investigation of the fascinating trends in Italian 16th-century art considered through the lenses of art theory, biography, social history, and style. Includes discussion of such artists as Michelangelo, Parmigianino, Bellini, and Titian. prereq: any 1xxx Arth course or jr status or instr consent

ARTH 3171. Baroque Art. (FA; 4 cr. ; Student Option; Spring Odd Year)

A sociohistorical consideration of the stylistic and thematic diversity present in the works of such 17th-century masters as Caravaggio, Bernini, Velazquez, Rembrandt, and Vermeer. prereq: any 1xxx Arth course or jr status or instr consent

ARTH 3191. American Art to 1900. (FA; 4 cr. ; Student Option; Periodic Fall & Spring)

A thematic exploration of the role of painting, sculpture, and the decorative arts in American society, from colonial times to 1900. Topics include the landscape and Manifest Destiny, American icons, folk art, and the representation of American Indians, African Americans, and women. prereq: any 1xxx Arth course or jr status or instr consent

ARTH 3201. Nineteenth-Century Art in Europe. (FA; 4 cr. ; Student Option; Periodic Fall & Spring)

Survey of major movements from Neoclassicism through Romanticism, Realism,

Impressionism, and Post-Impressionism, considering these in their theoretical, historical, social, and artistic contexts. The course also highlights issues of class, imperialism/ colonialism, and gender. prereq: any 1xxx ArtH course or jr status or instr consent

ARTH 3211. Modern European Art from Impressionism to Surrealism. (FA; 4 cr. ; Student Option; Periodic Fall & Spring) Survey of major modern movements including Impressionism, Symbolism, Expressionism, Dada, Constructivism and Surrealism, considering these in their theoretical, historical, social, and artistic contexts. Particular attention is given to modern art's relationship to popular culture and to issues of gender and race. prereq: any 1xxx ArtH course or jr status or instr consent

ARTH 3221. Global Contemporary Art, 1945 to the Present. (FA; 4 cr. ; Student Option; Periodic Fall & Spring) Survey of select global artists and movements from the end of WWII to the present, considering these in their theoretical, historical, social, and artistic contexts. Particular attention is given to contemporary art's relationships to economic, cultural, and technological shifts in postwar society and to globalization, as well as issues of gender and race. prereq: any 1xxx ArtH course or jr status or instr consent

ARTH 3222. History of Twentieth-Century Design. (FA; 4 cr. ; Student Option; Periodic Fall & Spring) Examination of key styles, works, individuals, and issues in twentieth-century European and American design history. Considers themes including handcraft, industrial and mass production, standardization, planned obsolescence, sustainability, and globalization, as well as colonialism, gender, and race in modern and postwar design. prereq: any 1xxx ArtH course or junior status or instr consent

ARTH 3231. History of Photography. (FA; 4 cr. ; Student Option; Periodic Fall & Spring) Survey of global photography from the period of its invention to the present. Major photographers and tendencies are examined in the context of a variety of theoretical, technical, social, historical, and aesthetic issues. prereq: any 1xxx ArtH course or jr status or instr consent

ARTH 3272. Athens, Art, and Theatre. (FA; 4 cr. ; Student Option; Periodic Fall & Spring) Classical Athens was a special place. It produced works of art and theatre that are still considered cultural treasures today. Combining archaeological, art historical, and textual sources, explore the context of these great works and looks at their interaction with one another and with performances on the Morris campus today. prereq: any 1xxx ArtH course or instr consent; attendance at evening UMM theatre performance required

ARTH 3273. Ars Otiui: The Art of Roman Leisure. (FA; 4 cr. ; Student Option; Periodic Fall & Spring) What did Romans do in their free time? Explore the art of daily life in ancient Rome focusing on themes and activities related to leisure. Outside

the home, Romans bathed, hunted, and went to the theatre. Inside the home, they held lavish dinner parties. In all of these activities, status and social display were of central concern. prereq: any 1xxx ArtH course or instr consent

ARTH 3274. Modern Art in Germany. (FA; 4 cr. ; Student Option; Periodic Fall & Spring) Survey of modern art in Germany from the late 19th century through WWII, examining many important movements, tendencies, figures, and issues. It includes the Secessions, Die Brücke, Blue Rider, Dada, the Bauhaus, New Vision, and New Objectivity and studies painting, photography, film, and design. prereq: any 1xxx ArtH course or jr status or instr consent

ARTH 3281. Women and Art. (FA; 4 cr. ; Student Option; Fall Even Year) A historical survey of women's roles as creators and patrons of the visual arts in Western European and American societies, from antiquity to the present. prereq: any 1xxx ArtH course or jr status or instr consent

ARTH 3291. Facing the Past: Portraiture and Social History. (FA; 4 cr. ; Student Option; Periodic Fall & Spring) This seminar examines functions and formats of portraits created primarily in Western Europe between 1400-1800, in order to gain greater insight as to how various social identities (such as that of husband and wife, child, friend, and freak of nature) were visually constructed and verbally interpreted. prereq: any 1xxx ArtH course or jr status or instr consent

ARTH 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) Content and nature of the course to be determined by faculty and student consultation. May include individual research and writing, working in relation to the Art Gallery program, or travel and study. Prereq-Any 1xxx ArtH class or jr status

ARTH 4810. Practicum in Art History Pedagogy. (1-4 cr. [max 8 cr.] ; S-N only; Every Fall & Spring) An individualized, hands-on, guided study of the process of teaching Art History. As part of a formal affiliation with an ArtH course, the student undertakes selected learning activities under supervision of the course instructor such as discussion group leader, test review leader, research assistant, and/or other teaching-related activities. Prereq-which requires an ArtH major or minor or double-major, must already have taken the 1xxx-level ArtH course that they wish to complete this practicum in conjunction with

ARTH 4901. Art History Capstone. (; 2 cr. ; S-N or Audit; Every Fall & Spring) Culminating course that focuses on a student-proposed, research-based project. Results of the project are presented in written form, as well as in a public forum. Participation in capstone sessions on topics such as career preparation and proposal and abstract writing is also required. prereq: ArtH major, instr consent

ARTH 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) Content and nature of the course to be determined by faculty and student consultation.

May include individual research and writing, working in relation to the Art Gallery program, or travel and study. Prereq-Any 1xxx ArtH class or jr status

Art, Studio (ARTS)

ARTS 1001. Visual Studies for Non-Majors: Drawing. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) For non-majors with little or no experience in drawing. Exploration of observational drawing skills through line work in contour and gesture, continuing with studies in value, texture, and space. Contemporary and traditional modes of drawing explored using a variety of materials. [Note: no elective cr for ArtS majors or minors; materials fee required]

ARTS 1002. Visual Studies for Non-Majors: Digitally Assisted Design. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Development of skills necessary to produce digital imagery, including fundamental aesthetic concerns (composition, color theory, mark-making, etc.) and knowledge of digital media with emphasis on the technical, conceptual, aesthetic, and ethical aspects of digital imaging as an artistic medium. [Note: no elective cr for ArtS majors or minors; materials fee required]

ARTS 1003. Visual Studies for Non-Majors: Painting. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) The development of painting as a means of artistic expression including basic technical, material, and formal compositional problems. For non-majors with little or no previous experience in painting. [Note: no elective cr for ArtS majors or minors; materials fee required]

ARTS 1004. Visual Studies for Non-Majors: Printmaking. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Development of skills necessary to produce imagery using printmaking as a means of expression, including the development of fundamental aesthetic concerns (composition, color theory, mark-making, etc.). For non-majors with little or no studio experience. [Note: no elective cr for ArtS majors or minors; materials fee required]

ARTS 1005. Visual Studies for Non-Majors: Photography. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Development of skills necessary to produce imagery using black and white photography as a means of expression, including an introduction to processes, materials, brief history, and critical skills to evaluate photographs. Students must provide their own 35 mm cameras. For non-majors with little or no studio experience. [Note: no elective cr for ArtS majors or minors; materials fee required]

ARTS 1008. Visual Studies for Non-Majors: Ceramics. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Development of skills necessary to produce works in clay. Topics include forming methods using stoneware and porcelain via hand building or wheel techniques, glazing, clay

and glaze chemistry and kilns. For non-majors with little or no studio experience. [Note: no elective cr for Arts majors or minors; materials fee required]

ARTS 1014. Visual Studies for Non-Majors: Sculpture. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Development of skills necessary to produce three dimensional works, including development of technical, conceptual, aesthetic, and material aspects of sculptural processes. For non-majors with little or no studio experience. [Note: no elective credit for ArtS majors or minors; materials fee required]

ARTS 1028. Thinking Through Design. (ART/P; 1 cr. ; Student Option; Periodic Summer) Students will gain an understanding of the complex and multiple ways that art, design, and people are connected in both the past and in the present.

ARTS 1101. Studio Essentials: Observational Drawing. (ART/P; 2 cr. ; Student Option; Every Fall) Preparation for advanced work in studio art. Basic exercises of drawing, use and exploration of materials and methods in line and form development, problems of spatial representation. [Note: materials fee required] prereq: coreq 1103, one 1xxx Arth course recommended during the same year

ARTS 1102. Studio Essentials: Experimental Drawing. (ART/P; 2 cr. ; Student Option; Every Spring) Preparation for advanced work in studio art. Continued development of drawing, use and exploration of materials and methods in line and form development, problems of spatial representation. [Note: materials fee required] prereq: 1101, coreq 1104; one 1xxx Arth course recommended during the same year

ARTS 1103. Studio Essentials: Materials and Design. (ART/P; 2 cr. ; Student Option; Every Fall) Preparation for advanced work in studio art. Elements of two-dimensional design and color theory, introduction to painting and printmaking. [Note: materials fee required] prereq: coreq 1101; one 1xxx Arth course recommended during the same year

ARTS 1104. Studio Essentials: Materials and Space. (ART/P; 2 cr. ; Student Option; Every Spring) Preparation for advanced work in studio art. Elements of three-dimensional design, introduction to sculpture. [Note: materials fee required] prereq: 1103, coreq 1102; one 1xxx Arth course recommended during the same year

ARTS 1801. Mural Project and Public Art. (IC; 2 cr. ; Student Option; Periodic Fall) Understanding and exploration of contemporary mural art through reading, writing, and production of art. Collaborative production of a large-scale painted mural in a public setting. Designed for students who have a working knowledge of the basic principles and skills of art such as drawing, 2D and 3D

design, composition, and color theory. prereq: new college student in their first semester of enrollment at UMM

ARTS 1802. 2D Studies in Printmaking. (IC; 2 cr. ; Student Option; Periodic Fall) Introduces two-dimensional design concerns through the study of traditional printmaking techniques. Referencing the rich history of socially engaged printmaking as a guide for their own creative process, students learn how to visually express their own ideas related to contemporary social, political, and environmental concerns. prereq: new college student in their first semester of enrollment at UMM

ARTS 1803. How to See (and Think) Like an Artist. (IC; 2 cr. ; Student Option; Periodic Fall) Artists inhabit the same world as everyone else, but experience it differently. Students will explore the ways that artists observe, imagine and utilize the visual language of design and aesthetics to make works that challenge us to think about important matters in society. [Note: no elective credit for ArtS majors or minors; museum fee required] prereq: new college student in their first semester of enrollment at UMM; no elective credit for ArtS majors or minors

ARTS 1900. Fashion Trashion: Where Style Meets Sustainability. (ART/P; 2 cr. [max 6 cr.] ; Student Option; Periodic Spring) Studies in fashion, sustainability, and artistic performance culminating in a final project to design and complete a wearable item from recycled, repurposed, and reimagined items for display in a group runway fashion show. [Note: students must participate in spring runway show in April, held in the evening; materials fee required]

ARTS 2001. Unruly Bodies: The Artist's Body. (ART/P; 2 cr. [max 4 cr.] ; A-F only; Periodic Spring) Exploring aspects of The Body in Art, via use as subject, working material, and conceptual questions regarding race, gender, sexuality, age, beauty, non-conformity, class, and other contemporary issues. [Note: materials fee required] prereq: coreq Soc 2001

ARTS 2101. Drawing From Life. (ART/P; 2 cr. [max 6 cr.] ; Student Option; Periodic Fall & Spring) Via the study of human anatomy, the course increases and improves students' knowledge and skill in drawing as a traditional art form and as a preparation for work in other media. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 2601. The Artist in Studio and in Society. (FA; 2 cr. ; Student Option; Every Fall & Spring) Preparation for advanced reasoning, writing, and communication skills in studio art. Theories, philosophy, history of visual arts, contemporary trends in art, selected readings. [Note: materials fee required] prereq: 1102, 1104, major or minor or instr consent

ARTS 2602. Digital Fundamentals. (ART/P; 2 cr. ; Student Option; Every Fall & Spring)

Preparation for advanced work in studio art. Basics of using digital technologies to create independent works, support other studio media or professional practices. [Note: materials fee required] prereq: 1102, 1104, major or minor or instr consent

ARTS 3002. Media Studies: Artist's Books. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Personal expression through artist's books. Designed for students who have a working knowledge of the basic principles and skills of art such as drawing, 2D and 3D design, composition, and color theory. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3006. Media Studies: Feminist Art: A Studio Perspective. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) The impact of the women's movement of the 1970s on contemporary art. Exploration of the notion of "women's work" as a studio practice; the materials, methods, and issues that define feminist work. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3007. Media Studies: Printmaking. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Study of and practice in various contemporary methods of printmaking: application of drawing skills, color, composition, and personal expression to alternative printmaking techniques. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3012. Media Studies: Ceramics. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Study of and practice in specialized methods and techniques in ceramics not covered under the regular curriculum. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3013. Media Studies: Painting. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Study of and practice in various contemporary methods in painting: application of drawing skills, color, composition, and personal expression to alternative painting techniques. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3014. Media Studies: Fabric as Form. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall, Spring & Summer) Focus on the possibilities of fabric as the primary medium in art making. Topics include surface manipulation via hand and mechanical processes and using fabric to construct independent forms. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3015. Media Studies: Sculpture. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Study and practice in various specialized methods, techniques, and processes in sculpture not covered by the regular curriculum. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3016. Media Studies: Photographic and Digital Processes. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Study and practice in various specialized methods, techniques, and processes in photo or digital processes not covered by the regular curriculum. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3017. Media Studies: Drawing. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Study and practice in various specialized methods, techniques, and processes in drawing not covered by the regular curriculum. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3100. Drawing Studio. (ART/P; 2-4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) Continued development of the skills and understandings required by problems of drawing. Emphasizes self-direction, experimental approaches and materials, and study of contemporary concepts. [Note: materials fee required] prereq: 2101

ARTS 3200. Printmaking Studio I. (ART/P; 4 cr. [max 12 cr.] ; Student Option; Every Fall) Study of and practice in various methods of printmaking: application of drawing skills, color, composition, and personal expression to printmaking techniques. [Note: materials fee required] prereq: major or minor or instr consent for non-major jrs and srs

ARTS 3210. Printmaking Studio II. (ART/P; 4 cr. [max 12 cr.] ; Student Option; Every Spring) Study of and practice in various methods of printmaking: application of drawing skills, color, composition, and personal expression to printmaking techniques. [Note: materials fee required] prereq: major or minor or instr consent for non-major jrs and srs

ARTS 3300. Painting Studio I. (ART/P; 4 cr. [max 12 cr.] ; Student Option; Every Fall) The development of painting as a means of artistic expression including basic technical, material, and formal compositional problems. [Note: materials fee required] prereq: major or minor or instr consent for non-major jrs and srs

ARTS 3310. Painting Studio II. (ART/P; 4 cr. [max 12 cr.] ; Student Option; Every Spring) The development of painting as a means of artistic expression including basic technical, material, and formal compositional problems. [Note: materials fee required] prereq: major or minor or instr consent for non-major jrs and srs

ARTS 3400. Sculpture Studio I. (ART/P; 4 cr. [max 12 cr.] ; Student Option; Every Fall) Exploration of sculpture as a means of artistic expression, including an introduction to the planning and construction of three-dimensional forms using both traditional and contemporary techniques. [Note: materials fee required] prereq: major or minor or instr consent for non-major jrs and srs

ARTS 3410. Sculpture Studio II. (ART/P; 4 cr. [max 12 cr.] ; Student Option; Every Spring) Exploration of sculpture as a means of artistic expression, including an introduction to the planning and construction of three-dimensional

forms using both traditional and contemporary techniques. [Note: materials fee required] prereq: major or minor or instr consent for non-major jrs and srs

ARTS 3500. Photographic and Digital Processes. (ART/P; 4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) The development of photographic and digital processes as a means of artistic expression including basic technical, material, and formal compositional problems. [Note: materials fee required] prereq: major or minor or instr consent

ARTS 3650. Ceramics Studio. (ART/P; 4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) For students who have a working knowledge of basic forming and glazing techniques. Emphasis on advanced hand building and wheel techniques, critiques, glaze experiments, and firing. Assigned projects for the course may vary from semester to semester. [Note: materials fee required] prereq: major or minor instr consent

ARTS 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum. [Note: materials fee required]

ARTS 3994. Directed Research. (ART/P; 1-5 cr. [max 10 cr.] ; Student Option; Periodic Fall & Spring) An on- or off- campus undergraduate research experience individually arranged between a student and a faculty member for academic credit in areas not covered by the regular curriculum. [Note: materials fee required]

ARTS 4902. Senior Thesis Project I. (2 cr. ; A-F only; Every Fall) A two-semester sequential capstone course for majors, with a focus on the planning and preparation of a senior exhibit and the investigation of other professional skills. Students participate in a portfolio review by the studio art and art history faculty, concentrating on work from the major medium and other work completed since the Second-Year Portfolio Review. [Note: materials fee required] prereq: senior ArtS major, completion of Second Year Portfolio Review

ARTS 4903. Senior Thesis Project II. (2 cr. ; A-F only; Every Spring) A two-semester sequential capstone course for majors, with a focus on the planning and execution of a senior exhibit as well as instruction on related professional skills [Note: materials fee required] prereq: 4902

ARTS 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum. [Note: materials fee required]

BIOL 1002. Human Nutrition. (SCI; 3 cr. ; Student Option; Every Spring) Nutrients essential to human life and well-being. Digestion, absorption, and metabolism of nutrients. Changes in metabolism during disease. Nutrients and their roles. Sports nutrition, weight loss/gain diets, nutritional myths. (two 65-min lect)[Note: no elective cr for biol majors or minors]

BIOL 1008. Biology and Evolution of Sex. (SCI; 2 cr. ; Student Option; Periodic Summer) Exploration of the evolution of sexual reproduction and showcasing the diversity of reproductive modes across life. Reproduction is a fundamental biological process which powerfully influences the appearance, behavior, and genome of a species. Therefore, this broad introduction to reproductive modes, both the familiar and the bizarre, acts as a captivating gateway to multiple general concepts in biology. [Note: no elective cr for biol majors or minors]

BIOL 1051. Wildlife Biology. (SCI-L; 4 cr. ; Student Option; Periodic Fall & Spring) Biological principles and practices illustrated through studies of North American wildlife. Wildlife taxonomy, identification, migration and dispersal, ecological relationships, contemporary problems associated with human activities. (two 65-min lect, one 120-180 min lab/field study)[Note: no elective cr for biol majors or minors]

BIOL 1052. Introduction to Conservation Biology. (SCI-L; 4 cr. ; Student Option; Periodic Spring) Survey of topics in conservation biology, with emphasis on topics that have created controversy and debate: loss of biodiversity; endangered species preservation and management, habitat conservation, environmental degradation, and sustainable development. (two 65-min lect, one 120- or 180-min lab or field study)[Note: no elective cr for biol majors or minors]

BIOL 1054. Introduction to Immunology and Infectious Disease. (SCI; 2 cr. ; Student Option; Periodic Summer) Basic concepts of immunology, how infectious diseases spread, and how the immune system protects people from infectious diseases.

BIOL 1111. Fundamentals of Genetics, Evolution, and Development. (SCI; 3 cr. ; Student Option; Every Fall & Spring) Introduction to scientific methods and the history of biology, with an emphasis on mechanisms of inheritance, development, and descent with modification. Overview of pre-Darwinian scientific thought; the theory of evolution; a qualitative introduction to genetics and molecular biology; and a summary of developmental biology. (two 75-min lect) prereq: biol major/minor or chem major or any health sciences preprofessional program or EIED or SeEd major with middle school science specialties or instr consent

BIOL 1801. The Animals Around Us: Wildlife of Minnesota. (IC; 4 cr. ; Student Option; Periodic Fall)

Biology (BIOL)

Discussion and examination of basic biological principles illustrated through studies of North American wildlife. Topics include movements and migration, behavior, conservation, and ecological relationships. Students research and discuss wildlife-related issues, and work together to learn how to identify species found in Minnesota. At least one field trip to observe local wildlife; additional field trips, time and weather permitting. (two 65-min lect, one 180-min lab or field study) prereq: new college student in their first semester of enrollment at UMM

BIOL 1803. Scientific and Cultural Perspectives of Vaccines and Epidemics. (IC; 2 cr. ; Student Option; Periodic Fall)

Exploration of the science behind vaccines and epidemics, the ways in which vaccines and epidemics are portrayed in our culture, and how epidemics have shaped history. Includes a community engaged learning component in which students will partner with a community organization to design and implement a public health campaign related to vaccines. prereq: new college student in their first semester of enrollment at UMM

BIOL 2101. Evolution of Biodiversity. (SCI-L; 4 cr. ; Student Option; Every Spring)

Analysis of evolutionary trends using historical and contemporary evidence. Principles of classification and phylogenetic reconstruction. Includes laboratory survey of the major groups of organisms. (two 65-min lect, one 180-min lab) prereq: C- or better in 1111 or instr consent

BIOL 2102. Human Anatomy. (4 cr. ; Student Option; Every Fall)

Same as SSA 2102. Structure of human systems at their organ and cellular level. (two 75-min lect, one 120-min lab)[Note: no elective cr for biol majors or minors] prereq: soph

BIOL 2103. Introduction to Human Physiology. (SCI; 4 cr. ; Student Option; Every Spring)

Function of human systems at organ, cell, and molecular levels. (three 65-min lect)[Note: no elective cr for biology majors or minors] prereq: 2102 or SSA 2102 or instr consent

BIOL 2111. Cell Biology. (SCI-L; 4 cr. ; Student Option; Every Fall)

Cell structure and function. Includes topics pertaining to the chemistry, physiology, structure, and reproduction of plant and animal cells. (three 65-min lect and one 120-min lab) prereq: C- or better in 1111, Chem 1102 or instr consent

BIOL 3121. Molecular Biology. (SCI-L; 4 cr. ; Student Option; Every Fall & Spring)

Principles and mechanisms of DNA function, protein synthesis, and gene regulation in prokaryotes and eukaryotes. Genetic engineering and evolution at the molecular level. (two 65-min lect, 180-min lab, additional lab time arranged) prereq: C- or better in 2111, Chem 2301 or instr consent

BIOL 3131. Ecology. (SCI-L; 4 cr. ; Student Option; Every Fall)

Basic principles and models of population biology, community structure and function,

and ecosystem dynamics. Lab exercises emphasize field work, techniques for characterizing local plant and animal communities, and experimental investigation of topics such as competition and behavioral ecology. (two 65-min lect, one 180-min lab and field study; weekend field trip required) prereq: C- or better in Biol 2101 or EnSt 2101, Stat 1601 or Stat 2601, or instr consent

BIOL 3700. Biological Communication I. (1 cr. ; Student Option; Every Fall & Spring)

Finding and utilizing sources of biological information. Modern techniques for searching the biological literature, as well as reading and interpreting those sources. Principles of technical written and oral communication in biology. prereq: Biol 2101, 2111

BIOL 3701. Biological Communication II. (1 cr. ; Student Option; Every Fall & Spring)

Writing, editing, and revising an extensive review paper on a biological topic under the mentorship of a faculty member. Multiple drafts and revisions are expected. prereq: 3700, instr consent

BIOL 4003. Neurobiology. (4 cr. ; Student Option; Periodic Fall)

Survey of general principles of neuronal function and formation. Emphasis on comparative aspects of simple nervous systems. prereq: 2111

BIOL 4103. Cancer Biology. (4 cr. ; Student Option; Periodic Fall)

Examining cancer processes from a genetic, molecular, and developmental perspective, identifying the cellular events behind uncontrolled growth and metastasis, cell cycle control, apoptosis, and cell signaling and signal transduction. Exploring genetic and environmental factors that can induce cancers. prereq: 2111

BIOL 4104. Cell Signaling Mechanisms. (4 cr. ; Student Option; Periodic Spring)

Comparison of common cell signaling mechanisms in prokaryotic and eukaryotic organisms from a biochemical perspective. Basic concepts in regulation of protein activity, followed by a survey of how different organisms have modified these processes for specific functions. Emphasis is placed on reading and student-led discussion of primary literature which illustrates specific examples at the organismal level. prereq: 3121 or instr consent

BIOL 4105. Stem Cell Biology. (4 cr. ; Student Option; Fall Odd Year)

In-depth overview of stem cells in animals. Basic principles of stem cell biology are covered, followed by a survey of how stem cells develop into the various tissues and organs of humans and in experimental animal models. Experimental strategies and therapeutic potential of stem cells are discussed. Ethical and legal issues related to working with embryonic stem cells are examined. Includes student presentation of primary literature and writing of grant proposal to allow for a deeper understanding of the experimental approaches necessary for scientists to study stem cells. prereq: 3121 or instr consent

BIOL 4111. Microbiology. (4 cr. ; Student Option; Every Spring)

The biology of pathogenesis and the treatment and prevention of infectious disease. Emphasis on prokaryotic microbes and viruses. (two 65-min lect, one 180-min lab) prereq: 2111, prereq or coreq 3121 or instr consent

BIOL 4121. Herpetology. (; 4 cr. ; Student Option; Spring Odd Year)

Survey of amphibians and reptiles, including their evolution, systematics, identification, behavior, ecological relationships, and contemporary problems associated with human activities. (two 65-min lect, one 180-min lab or field study) prereq: Biol 2101 or EnSt 2101 or instr consent

BIOL 4131. Vertebrate Natural History. (4 cr. ; Student Option; Fall Even Year)

Survey of vertebrates, including their evolution, systematics, and ecological relationships. (two 65-min lect, one 180-min lab or field study) prereq: Biol 2101 or EnSt 2101 or instr consent

BIOL 4151. Entomology. (4 cr. ; Student Option; Fall Even Year)

Structure, life histories, habits, and classification of common families of insects, including their economic significance. (two 65-min lect, 180-min lab) prereq: Biol 2101 or EnSt 2101 or instr consent

BIOL 4161. Evolution. (4 cr. ; Student Option; Spring Odd Year)

Survey of the history, evidence, and mechanisms of organic evolution. (three 65-min lect) prereq: Biol 2101, 2111 or instr consent

BIOL 4172. Plant Systematics. (4 cr. ; Student Option; Spring Even Year)

Survey of vascular plant taxa, with an emphasis on the flowering plant families and their evolutionary relationships. Lab emphasizes use of keys for identification of Midwestern plant families and genera. (two 65-min lect, 180-min lab) prereq: 2101 or EnSt 2101 or instr consent

BIOL 4181. Developmental Biology. (4 cr. ; Student Option; Periodic Fall & Spring)

Survey of general concepts in developmental biology, emphasizing molecular mechanisms of positional information, pattern formation, and cellular interactions. Stresses comparative aspects of developmental processes, and the role of development in evolution. (two 65-min lectures, one 180-min lab) prereq: 2111; 4312 recommended

BIOL 4182. Ecological Developmental Biology. (4 cr. ; A-F only; Periodic Spring)

Integrates the fields of ecology, development, and evolution. Topics covered include plasticity, environmental interactions in embryology, and the medical consequences of teratogens and other developmental perturbations. (three 65-min lect) prereq: 3131

BIOL 4191. Freshwater Biology. (4 cr. ; Student Option; Fall Odd Year)

Structure, function, and biota of freshwater ecosystems, including lakes, streams, and wetlands. Lab emphasizes independent research and field study in local habitats. (two 65-min lect, one 180-min lab; all day field trip

required) prereq: Biol 2101 or EnSt 2101, 2111 and prereq or coreq Stat 1601 or 2601 or instr consent

BIOL 4211. Biochemistry. (4 cr. ; Student Option; Every Fall)

Structures, functions, and biochemical transformations of proteins, carbohydrates, and lipids. (three 65-min lect) Optional lab offered. See Biol 4611. prereq: Chem 2302 or Chem 2304, prereq or coreq Biol 3121, or instr consent

BIOL 4231. Immunology. (4 cr. ; Student Option; Periodic Spring)

An introduction to the cellular and molecular aspects of immunology that are involved in health and disease. Students consider these concepts through discussion of primary literature and clinical scenarios. prereq or coreq: 3121 or instr consent

BIOL 4241. Ecology of Infectious Disease.

(4 cr. ; Student Option; Periodic Spring) Combines ecological concepts and models with interdisciplinary perspectives to understand dynamics of our tiny predators, including basic epidemiology and evolutionary biology of pathogens; predicting, preventing and eradicating disease; and historical perspectives. prereq: Biol 2101 or EnSt 2101, Stat 1601 or 2601 or #

BIOL 4242. Microbial Ecology. (4 cr. ; Student Option; Periodic Spring)

Microbes affect everything on this planet, from human health to carbon cycling to agriculture. In this course, discussions of classic and cutting edge scientific papers will introduce students to microbial ecology, a rapidly expanding field. Students will develop hypotheses about forces shaping microbial communities in the environment or the human body, and test them by analyzing publicly available data. prereq: 3131

BIOL 4301. Plant Biology. (4 cr. ; Student Option; Fall Even Year)

Descriptive and experimental study of plants. Anatomy, development, physiology, secondary compounds, evolution, human uses of plants. (two 65-min lect, one 180-min lab) prereq: Biol 2101, 2111 or instr consent

BIOL 4302. Plant Physiology. (4 cr. ; Student Option; Periodic Spring)

Basic principles of plant physiology and development. Emphasis is placed on anatomical features, water and solute transport, biochemical and metabolic activity, embryogenesis, growth, floral development, and response to the environment. prereq: 2111

BIOL 4312. Genetics. (4 cr. ; Student Option; Every Spring)

Principles and mechanics of inheritance and variation, including cytological, organismal, and population genetics; mechanisms of evolution; and the genetic problems of humans. (two 65-min lect, 180-min lab) prereq: 2111 or instr consent

BIOL 4321. Animal Physiology. (; 4 cr. ; Student Option; Periodic Spring)

Functions of animal structures as they relate to coping with different environmental situations.

(two 65-min lect, one 120-min lab) prereq: 2101, 2111

BIOL 4333. Biogeochemistry and Global Change. (4 cr. ; Student Option; Spring Even Year)

Cycling of elements vital to life, particularly, nitrogen (N), phosphorus (P), and carbon (C). Focus on understanding the feedback between physical and ecological processes and the biologically driven coupling of nutrient cycles. Analysis of humans as drivers of change in the biogeochemistry of ecosystems. Heavy emphasis on current primary literature. prereq: 3131 or instr consent

BIOL 4335. Ecology of Agriculture. (4 cr. ; Student Option; Periodic Spring)

Production of food, fuel, and fiber in an ecological context. Quantitative and qualitative examination of inputs and outputs of modern agriculture and its interaction with climate change, wildlife, competing land uses, and global demand. Topics include nutrient and carbon management, biodiversity, and ecosystem services. Emphasis on primary literature sources. Prereq: 3131

BIOL 4351. Conservation Biology. (4 cr. ; Student Option; Spring Odd Year)

Conservation theory and practice, including threats to biodiversity and approaches to overcoming them. Topics include: habitat loss and fragmentation, overexploitation, climate change and invasive species, population viability analysis using demographic and genetic models, reserve design and management and ex situ measures. Emphasis on primary literature. (two 65-min lect, one 180-min lab). prereq: Biol 2101 or EnSt 2101, Biol 3131 or instr consent

BIOL 4600. Practicum in Biology. (1-2 cr. [max 4 cr.] ; S-N only; Every Fall & Spring)

Supervised experience of selected activities; lab preparation/management, greenhouse care/management, animal care, curating museum/herbarium collections. Repeatable with different projects or activities. [Note: no elective cr for biol majors or minors]

BIOL 4611. Biochemistry Lab. (; 1 cr. ; Student Option; Every Fall)

Experiments using the major separation and analytical techniques of biochemistry, including centrifugation, chromatography, electrophoresis, immunochemistry, and spectrophotometry. (one 180-minute lab) prereq: (or coreq) 4211

BIOL 4901. Senior Seminar. (1 cr. ; A-F only; Every Fall)

Seminar series on selected biological topics. Includes preparation and presentation of a seminar based on original research and/or scientific literature. Enroll in fall, continues all year. prereq: 3701, sr or instr consent; required of all sr biology majors; full-year course begins fall sem

BIOL 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Chemistry (CHEM)

CHEM 1001. Chemistry for the Curious Citizen: The Role of Chemistry in the Environment and Everyday Life. (SCI-L; 3 cr. [max 4 cr.] ; Student Option; Periodic Summer)

The central nature and relevance of chemistry to the environment and everyday life. Air quality, the ozone layer, global warming, energy resources, acid rain, and nutrition. Discussion and debate of current events related to these topics. Select readings on significant historical chemical discoveries in these areas that still resonate today. Basic chemistry lab principles and techniques. This course is intended for non-science majors. [Note: may not count toward chem major or minor. credit and general education designation will not be granted if credit has been earned in Chem 1006, 1007, 1801]

CHEM 1006. The Chemical World. (SCI; 4 cr. ; Student Option; Periodic Fall)

An introductory course intended for non-science majors and science majors seeking to enhance their problem solving skills. Course introduces the basic principles of chemistry with special emphasis on every day life and sustainability. Topics reflect a variety of current societal and technological issues and the chemical principles embedded in them. [Note: recommended for non-science majors to fulfill the Gen Ed science requirement, credit and general education designation will not be granted if credit has been earned in Chem 1001 or Chem 1007] prereq: high school or higher math

CHEM 1007. The Chemical World with Lab. (SCI-L; 5 cr. ; Student Option; Periodic Summer)

An online course intended for non-science majors that introduces the basic principles of chemistry with special emphasis on everyday life and sustainability. Course topics reflect a variety of current societal and technological issues and the chemical principles embedded in them. The laboratory component of the course includes hands-on activities related to concepts presented in the online lecture with an emphasis on scientific methods and basic lab techniques. [Note: recommended for non-science majors to fulfill the Gen Ed science with lab requirement; . credit and general education designation will not be granted if credit has been earned in Chem 1001 or Chem 1006] prereq: Math 0901 or placement at Math 1012 or higher

CHEM 1101. General Chemistry I. (SCI-L; 5 cr. ; Student Option; Every Fall)

Scientific method, measurements, nomenclature, stoichiometry, atomic and molecular structure, thermochemistry, chemical periodicity, introduction to chemical bonding, and properties of common elements and ions. Development of scientific reasoning and problem-solving skills. Laboratory exercises concomitant with these topics. (three 65-min lect, 180 min lab) prereq: Math 1010 or placement beyond Math 1010 using ACT/ placement exam score

CHEM 1102. General Chemistry II. (SCI-L; 5 cr. ; Student Option; Every Spring)
Continuation of Chem 1101. Chemical bonding, states of matter, solutions, acid-base chemistry, chemical equilibrium, oxidation-reduction reactions, kinetics, thermodynamics, quantum theory, nuclear chemistry, organic chemistry, and biochemistry. Lab exercises concomitant with these topics. (three 65-min lect, 180 min lab) prereq: 1101

CHEM 1553. Chemistry, Empirical Inquiry, and Cultural Confluence in Thailand. (IP; 4 cr. ; Student Option; Periodic Summer)
Science is seen as objective and equally applicable all over the world. This doesn't mean that science doesn't benefit from a diversity of cultural points of view among scientists. Topics included are molecular structure, thermodynamics, equilibrium, and spectroscopy. These topics, with their universal relevance in chemistry, also provide a doorway for cultural exchange. This course offers an opportunity to study chemistry while immersed in the culture of Thailand, a Southeast Asian country never colonized by a western power. The course takes place on the campuses of Mahasarakham University, Kasetsart University, and cities, villages, and National Parks in Thailand. Discussion and lab activities are designed to build on topics from Chem 1102 and be culturally relevant and collaborative between students and faculty from UMM and universities in Thailand. The course provides a balance of perspectives both eastern and western, modern and traditional. prereq: 1102 or instr consent

CHEM 1801. Science Savvy in Our Modern World. (IC; 2 cr. ; Student Option; Periodic Fall)
If students and chemistry were in a Facebook relationship, the status would be "it's complicated." Some students love science and some love to hate it. "America's Finest News Source," The Onion, has repeatedly reported that "science is hard" but are they right? Chemistry is too important in our modern world to be ignored simply because it's complicated or perceived to be hard. Some science is hard but just because a science topic is complex doesn't mean that it can only be understood by rocket scientists. Through written reflections and discussions based on mainstream science books and current event articles, students explore the connections between science and society. The course helps students to understand the role of experts and bias in the reporting. The course also helps students to become more science literate about the green and sustainable activities on campus. Ultimately, this course fosters a relationship where students both need and want to be engaged with chemistry. [Note: credit and general education designation will not be granted if credit has been earned in Chem 1001] prereq: new college student in their first semester of enrollment at UMM

CHEM 1802. The Climate Change Conundrum: Science, Controversy and Communication Failures. (IC; 2 cr. ; Student Option; Periodic Fall)

Do you believe in climate change? This question is often asked in a similar manner to: do you believe in sasquatch? There is no evidence that sasquatch exists, but there is a consensus amongst 97% of scientists that climate change is real and it is caused by humans. However, 90% of Americans do not know there is a scientific consensus on climate change. How is this possible? This course breaks down the science behind climate change, discusses the controversy, and students learn and implement effective means of science communication. The final project for this course is a civic leadership project, where students utilize their skills in science communication and share them with the rest of the community at Morris with efforts towards improving science literacy across campus. Ultimately, this course improves science literacy and communication skills. prereq: new college student in their first semester of enrollment at UMM

CHEM 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CHEM 1994. Directed Research. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus undergraduate research experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CHEM 2201. Introduction to Environmental Chemistry. (2 cr. ; Student Option; Periodic Fall)
Introduction to the chemistry of four Earth subsystems lithosphere (land), hydrosphere (water), biosphere (living things), and atmosphere (air) and the intersection of those with the anthroposphere (human activities). Principles of Green Chemistry. prereq: 1102

CHEM 2202. Introduction to Green Chemistry. (2 cr. ; Student Option; Periodic Fall)
Principles of green chemistry and toxicology; green chemistry metrics, green synthetic methods; alternative feedstocks; waste; green chemistry and industry. prereq: 1102

CHEM 2301. Organic Chemistry I. (SCI; 4 cr. ; Student Option; Every Fall)
Introduction to the structure and reactivity of organic molecules; nomenclature and functional groups; stereochemistry; mechanisms of substitution and elimination pathways; physical organic chemistry; introduction to synthetic strategy; fundamentals of spectroscopic techniques. prereq: 1102

CHEM 2302. Organic Chemistry II. (SCI; 4 cr. ; Student Option; Every Spring)
Continuation of topics from Chem 2301; spectroscopy; chemistry of polyenes, aromatic systems, and amines; enol and enolate chemistry; free-radical chemistry; retrosynthetic analysis; special topics. prereq: C or better in 2301, coreq 2321 or instr consent for chem majors

CHEM 2304. Organic Chemistry II with a Biological Emphasis. (SCI; 4 cr. ; Student Option; Periodic Spring)
Continuation of topics from Chem 2301, with an emphasis on compounds and reactions of biological interest. Topics include spectroscopy, structure and reactivity of aromatic compounds, phosphoryl and acyl group transfer, nucleophilic carbonyl addition, reactions involving enolate and enamine intermediates, coenzyme chemistry, electrophilic addition, beta elimination, oxidation and reduction of organic compounds, and reactions involving free radical intermediates. prereq: C or better in 2301, Biol 2111 or instr consent

CHEM 2311. Organic Chemistry Lab I. (1 cr. ; Student Option; Every Fall)
Development of lab techniques in organic chemistry; experimental problem-solving. (3 hrs lab) prereq: coreq 2301 or instr consent

CHEM 2321. Introduction to Research I. (1 cr. ; Student Option; Every Spring)
Interdisciplinary approach to experiment design and analysis of data. Synthesis of organic, organometallic, and/or inorganic compounds, with emphasis on purification and characterization using advanced techniques and instrumental methods. Instruction in use of the scientific literature and scientific communication. Begin research project with faculty mentor. (6 hrs lab) prereq: 2311, coreq 2302 or 2304 or instr consent

CHEM 2322. Introduction to Research II. (1 cr. ; Student Option; Every Spring)
Continue research with faculty mentor. Experiment design and analysis of data. Instruction in the use of the scientific literature and oral and written scientific communication. (6 hrs lab) Prereq-2321, coreq 2302 or 2304

CHEM 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CHEM 2994. Directed Research. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus undergraduate research experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CHEM 3101. Analytical Chemistry. (SCI-L; 4 cr. ; Student Option; Every Fall)
The application of chemical equilibria to chemical analysis with emphasis on the fundamental quantitative aspects of analytical chemistry. Acid-base, oxidation-reduction, and complexometric titrations, introduction to electrochemical and spectrophotometric analyses and separations. (3 hrs lect, 3 hrs lab) prereq: 1102

CHEM 3201. Sustainable Synthetic and Solid State Methods. (2 cr. ; Student Option; Spring Even Year)
Methods for preparing and characterizing compounds and materials with an emphasis on

sustainable approaches (two 65-min lect, one 3.5 hour lab) prereq: 2321

CHEM 3406. Polymer Properties and Characterization. (2 cr. ; Student Option; Periodic Spring)

Introduction to the principles and history of polymer chemistry with an emphasis on polymer properties, their characterization, and sustainable sources. prereq: 2302 or 2304

CHEM 3407. Polymer Synthesis. (3 cr. ; Student Option; Periodic Summer)

Introduction to the synthesis of traditional and sustainable polymers and their role in renewable energy and our environment. prereq: 2302 or 2304

CHEM 3411. Polymer Chemistry Lab. (1 cr. ; Student Option; Periodic Spring)

Synthesis, characterization, and physical properties of polymers with an emphasis on sustainable polymer chemistry. (3 hrs lab) prereq: 2322, coreq 3406 or instr consent

CHEM 3501. Physical Chemistry:

Thermodynamics. (SCI; 4 cr. ; Student Option; Every Fall)

The gas state. Classical thermodynamics. Phase, chemical and heterogeneous equilibria. Chemical kinetics. Kinetic theory of gases. prereq: 1102, Phys 1101, Math 1102 or instr consent

CHEM 3502. Physical Chemistry: Quantum Mechanics. (SCI; 4 cr. ; Student Option; Every Spring)

Introduction to quantum theory. Approximate quantum mechanical models. Electronic structure of atoms. Chemical bonding and electronic structure of molecules. Introduction to electronic vibrational, and rotational spectroscopy. Introduction to statistical thermodynamics. prereq: Chem 1102, Math 1102, Phys 1101, or instr consent for chem majors

CHEM 3503. Quantum Chemical Models and Visualizations. (2 cr. ; Student Option; Periodic Fall)

Chemists rely on a range of visual methods imbued with physical and chemical concepts to understand and explain chemical phenomena. As quantum chemical methods have improved with more refined theories and increased computational power, the range of options for visual understanding and explanation have increased too. We will examine quantum chemical models and their applications to visually explain chemistry according to physical concepts and as a guide toward understanding the chemical significance of numerical output in relation to experimental results from the literature. prereq: 2302 or 2304

CHEM 3511. Physical Chemistry Lab. (1 cr. ; Student Option; Every Spring)

Lab experiments to illustrate physico-chemical principles and to develop skills in data collection, analysis and interpretation, and in report writing. (3 hrs lab) prereq: coreq 3502

CHEM 3901. Chemistry Seminar I. (0.5 cr. ; A-F only; Every Spring)

Presentations by faculty, guest speakers, and students on topics of current research interest.

Students are required to present one seminar for the Chem 3901-4901 sequence. [Note: required of all chem majors; may not count toward chem minor] prereq: 2321

CHEM 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CHEM 3994. Directed Research. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus undergraduate research experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CHEM 4111. Instrumental Analysis. (5 cr. ; Student Option; Spring Even Year)

Principles of chemical instrumentation and instrumental methods of analysis; extensive lab work using chromatographic, spectrophotometric, and electrochemical methods of analysis. (3 hrs lect, 6 hrs lab) prereq: 3101

CHEM 4201. Chemistry and Sustainable Applications to Global Problems. (4 cr. ; Student Option; Periodic Fall)

Exploration of advanced chemical concepts underlying challenges facing society. Topics will include: carbon capture and utilization, green energy solutions, environmental remediation, alternative carbon sources for materials, and others. prereq: 2302 or 2304

CHEM 4351. Bioorganic Chemistry. (2 cr. [max 4 cr.] ; Student Option; Periodic Spring)

Discussion of the theory of enzyme catalysis, determination of catalytic mechanisms for a variety of organic reactions in biological systems, and elucidation of biosynthetic pathways. Involves analysis of the primary literature. prereq: 2302 or 2304, Biol 4211

CHEM 4352. Synthesis. (4 cr. ; Student Option; Periodic Spring)

Advanced organic and organometallic mechanisms and methodology. Study of the preparation of biologically active molecules, emphasizing the application of transition metal chemistry to modern synthetic methods with a particular focus on green chemistry and sustainability. prereq: 2302 or 2304 or instr consent

CHEM 4353. Synthesis Laboratory. (1 cr. ; Student Option; Periodic Fall & Spring)

Modern organometallic synthetic methods applied to the preparation of small organic molecules. Preparation, purification, analysis, and identification of synthetic products. Scientific record-keeping and literature searching. (3 hrs lab) prereq: 4352 or instr consent

CHEM 4355. Biochemistry of Carbohydrates and Glycoconjugates. (4 cr. ; Student Option; Periodic Spring)

The study of carbohydrates including the chemical and biological syntheses, functions in metabolism, applications in signaling, and

implications for a range of diseases' diagnosis and treatment. Involves extensive reading in primary literature. prereq: 2321 or Biol 3700, Biol 4211 or instr consent

CHEM 4357. Structural Methods of Chemical Biology. (2 cr. ; Student Option; Periodic Spring)

In-depth studies in determining, analyzing, and altering the structure and function of proteins. Topics studied include protein synthesis/isolation/purification, as well as structure determination via spectroscopy and crystallography. Involves extensive reading in the primary literature. prereq: 2321 or Biol 3700, Biol 4211

CHEM 4551. Theoretical Chemistry. (4 cr. ; Student Option; Periodic Spring)

Quantum theory of molecules. Statistical thermodynamics; Gibbsian ensembles; applications. prereq: or coreq 3502 or instr consent

CHEM 4552. Molecular Spectroscopy. (3 cr. ; Student Option; Spring Odd Year)

Interaction of molecules and electromagnetic radiation. Spectroscopic determination of molecular structure. Operation of spectrometers and spectrophotometers. prereq: 2302 or 2304, 3101 or instr consent

CHEM 4553. Impermanence and Equilibrium in Chemical Thermodynamics and Buddhism in Thailand. (4-6 cr. ; Student Option; Periodic Summer)

An advanced course both in physical chemistry and in Buddhist concepts. Two of the deepest and furthest reaching ideas in chemical thermodynamics are that non-equilibrium states are impermanent and that they evolve toward equilibrium. Parallel topics equally fundamental to Buddhism are that compounded things are impermanent and that, free from clinging to that which is intrinsically fleeting, one's mind can settle to a state of calm and clarity. Chemical thermodynamics and Pali Buddhism have very different origins. This course offers the opportunity to reinforce and build on important chemical concepts from Physical Chemistry I while learning some analogous Buddhist concepts and applying them to gain calm and clarity of mind. The course takes place in Thailand on the campus of Mahasarakham University and in cities, villages, and National Parks in Thailand. The course includes a mix of discussion, lecture, and lab as well as cultural activities and excursions. prereq: 3501 or instr consent; 4 credits for may session only; 6 credits if continuing into June in Morris

CHEM 4701. Inorganic Chemistry. (4 cr. ; Student Option; Fall Even Year)

The periodic table; models of structure and bonding of main group elements and transition metals, nomenclature, symmetry, and bonding theory of coordination compounds. prereq: 3501 or instr consent

CHEM 4711. Inorganic Chemistry Lab. (1 cr. ; Student Option; Fall Even Year)

Lab experiments in inorganic/organometallic chemistry illustrating synthetic and spectroscopic techniques. (3 hrs lab) prereq: 2322, coreq 4701 or instr consent

CHEM 4751. Advanced Inorganic Chemistry. (2 cr. [max 4 cr.] ; Student Option; Periodic Fall, Spring & Summer)

Structure and reactions of coordination compounds, inorganic cages and clusters, lanthanide and actinide series. Nanoparticles, bioinorganic topics, and other trends in the field. prereq: 4701 or instr consent

CHEM 4901. Chemistry Seminar II. (0.5 cr. ; A-F only; Every Fall)

Continuation of Chemistry Seminar I. This is a full-year course. Students must attend year round and present one of the seminars. [Note: required of all chem majors; may not count toward chem minor: full-year course begins fall semester] prereq: 3901

CHEM 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CHEM 4994. Directed Research. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus undergraduate research experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Chinese (CHN)

CHN 1001. Beginning Modern Chinese I. (4 cr. ; Student Option; Every Fall)

First semester of a two-semester sequence in first-year modern standard Chinese (Mandarin) for students who have no previous exposure to the Chinese language. Introduction to the sounds of Mandarin, basic grammar, vocabulary, and the Chinese writing system.

CHN 1002. Beginning Modern Chinese II. (WL; 4 cr. ; Student Option; Every Spring)

Second semester of the two-semester sequence in first-year Chinese. Designed for those who have completed first-semester Chinese or who have equivalent preparation. Introduction to additional modern standard Chinese (Mandarin) grammar, vocabulary, and sentence structures. By the end of the semester, students should be able to recognize some of the Chinese characters, write about part of them from memory, conduct simple conversations, and read simple Chinese texts on general topics. prereq: 1001 or instr consent

CHN 1101. Introduction to Chinese Culture and Society. (IP; 2 cr. ; Student Option; Periodic Spring)

Introduction to Chinese culture and society. Topics include the development of China from the ancient period to the modern era; exploring the country's customs, religion and philosophy; language and literature; regional cuisines and holidays in China. Aim is to enhance students' knowledge of Chinese culture and society through reading, discussion, video, and various cultural activities. Taught in English.

CHN 2001. Intermediate Chinese I. (IP; 4 cr. ; Student Option; Periodic Fall)

This course is designed for those who have learned Chinese for more than one year or who have equivalent preparation. Introduction to additional modern standard Chinese grammar, vocabulary, and sentence structures; exposure to Chinese culture and authentic texts appropriate to this level. By the end of the semester, students should be able to handle most daily conversation with moderate fluency. prereq: 1002 or placement or instr consent

CHN 2002. Intermediate Chinese II. (IP; 4 cr. ; Student Option; Periodic Spring)

A continuation of 2001 designed for those who have learned Chinese more than one year or who have equivalent preparation. Introduction to additional modern standard Chinese grammar, vocabulary, and sentence structures; exposure to Chinese culture and authentic texts appropriate to this level. By the end of the semester, students should be able to handle most daily conversation with moderate fluency. prereq: 2001 or placement or instr consent

Communication, Media, Rhetoric (CMR)

CMR 1042. Public Speaking and Analysis. (E/CR; 4 cr. ; Student Option; Periodic Fall, Spring & Summer)

Public address theories, practices, and analysis.

CMR 1101. Introduction to Theories of Communication, Media, and Rhetoric. (HUM; 4 cr. ; Student Option; Every Fall)

A survey of the field of study. Students learn the history, theories, and contexts of communication study that prepare them for upper-division courses.

CMR 2062. Interpersonal and Group Communication. (HUM; 4 cr. ; Student Option; Periodic Fall)

Activities, assignments, and exercises related to interpersonal and group communication in private and public settings including dating, family, and work. [Note: no credit for students who have received cr for CMR 1062]

CMR 2102. Communication and the Environment: Analysis and Criticism. (HUM; 2 cr. ; A-F only; Periodic Spring)

Analyzes and critiques the communication of mediated information about the environment. Students examine what makes (and what has made) the environmental stories we tell about ourselves. Special emphasis on communicating about food and agriculture. Examine news stories about how and what we eat, advertising that helps us decide what food to buy, and labeling that informs us of what we are consuming. prereq: Engl 1601, soph or higher status or instr consent

CMR 2311. Media History and Society. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)

Examines the historical and on-going development of the relationship of media, culture, and the public. Traces and explores the developments of various communication technologies, their impacts and consequences, and their relationships to notions of "the public."

CMR 2321. Digital Media Production. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

Basic theories and practice: equipment, procedures, and skills associated with planning, writing for, and producing mediated messages. Lectures, studio projects, class critiques.

CMR 2411. Health Communication. (HUM; 4 cr. ; Student Option; Periodic Fall)

A survey of the critical role communication plays in health promotion, specifically in the area of doctor-patient interaction and health campaigns. Communicative issues include the social construction of health, the role of culture in health and healing, and social support.

CMR 2421. Business and Professional Communication. (E/CR; 4 cr. ; Student Option; Periodic Spring)

Developing proficiency in communication skills in business and professional contexts. Preparing, selecting, organizing, designing, and delivering messages in business situations. Analyzing meeting/group facilitation, interviewing, and professional presentations. prereq: 1042, 1062 or instr consent

CMR 3121. Rhetorical Criticism and Cinema. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

Investigation and analysis of film. Learn how films make meaning with their audiences. prereq: 1101 or instr consent

CMR 3123. Rhetorical Criticism and Speeches that Changed the World. (HUM; 4 cr. ; Student Option; Periodic Spring)

Human beings create and maintain their cultures through rhetoric, the art of being persuasive. This course explores the rhetorical nature of the speeches that have changed the world from Moses and Mohammed to Elie Wiesel and George W. Bush. prereq: 1101 or instr consent

CMR 3124. Rhetoric of Comic Art: Analysis and Creation. (HUM; 4 cr. ; Student Option; Periodic Fall)

Explores and analyzes the rhetorical, persuasive features of comic art. Examines the rhetorical construction of comic art in comic strips, comic books, and political cartoons by exploring the persuasive synergy created between picture and text. Students are required to both analyze and create comic art. prereq: 1101 or instr consent

CMR 3311. Social Uses of the Media. (E/CR; 4 cr. ; Student Option; Every Spring)

Participation in the planning, production, and performance of media projects designed to serve various publics, such as campus units or the community.

CMR 3312. Media Literacy. (; 4 cr. ; Student Option; Periodic Fall)

Examining ways people decode media images and messages. Topics include principles of literacy, media content/industries, media and identity, and media effects. prereq: 1101 or instr consent

CMR 3342. Visual Journalism. (HUM; 4 cr. ; Student Option; Periodic Spring)

Both a theoretical and a hands-on course that immerses students in all aspects of the

visual side of journalism, as well as in design principles and techniques for the web and print.

CMR 3411. Intercultural Communication Theory and Research. (HDIV; 4 cr. ; Student Option; Periodic Fall)

Study of intercultural communication from an interpersonal and group perspective. prereq: 1101 or instr consent

CMR 3421. Organizational Communication Theory and Research. (SS; 4 cr. ; Student Option; Periodic Spring)

Study of organizational communication, including small group perspectives. prereq: 1101 or instr consent

CMR 3432. Research Methods & Analysis. (; 4 cr. ; Student Option; Every Fall)

Elements/methods of communication research. Use of quantitative/qualitative research methodologies, basic research design, and data collection methods to inform decision making. prereq: 1101 or instr consent

CMR 3433. Communication, Power, and Identity. (HUM; 4 cr. ; Student Option; Periodic Spring)

Exploration of the relationship between communication, culture, and social identities. The focus is negotiation of meaning and social identity in face-to-face interaction and intercultural contexts. Surveyed are theories and texts within intercultural communication, environmental communication, ethnic and racial identity, power in discourse. prereq: 1101

CMR 3434. Communication, Nature, and Belonging. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

Explore how various cross cultural means of communication are active in and about our worlds and allow for better insights about communication, environment, people, and the ways they are related. Overview research that links communication and the ways knowledge and understanding of our environment are situated in local historical contexts. prereq: 1101

CMR 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CMR 4123. Rhetoric of Advertising. (HUM; 4 cr. ; Student Option; Periodic Spring)

Exploration of the rhetorical dimensions of advertising by examining current theory and practice. Students are asked to both analyze and create print advertising campaigns. prereq: 1101

CMR 4152. Advanced Public Speaking. (HUM; 4 cr. ; Student Option; Every Fall)

A study of rhetorical argument design and evaluation. Students analyze and critique arguments, as well as plan and present formal speeches. prereq: 1042 or instr consent

CMR 4201. Rhetoric and Persuasion: Receiver Analysis. (HUM; 4 cr. ; Student Option; Periodic Spring)

Investigation of persuasion theory and research from rhetorical and social science perspectives. Students analyze particular instances of

persuasive attempts. prereq 1101 or instr consent

CMR 4341. New Media Technologies. (HUM; 2 cr. ; Student Option; Periodic Spring)

Examination of the impact of "new media" on current/future cultures; the structure/processes of media and global society in a comparative context; ways new media change how people communicate, distribute, and process information. prereq: 1101 or instr consent

CMR 4800. Directed Experience in Teaching Communication, Media, and Rhetoric. (1-4 cr. [max 8 cr.] ; S-N only; Every Fall & Spring)

Practice as facilitators in the introductory-level communication, media, and rhetoric courses; weekly seminar sessions focus on method, planning, and problems in communication, media, and rhetoric instruction. prereq: instr consent

CMR 4900. Communication, Media, and Rhetoric Seminar I. (; 1 cr. ; A-F only; Every Fall)

Familiarizes students with the literature of the field, including ethical and social implications of communication studies. Students analyze various articles and similarly published works, synthesize contents, and construct a research proposal for a project to be completed as a senior capstone experience. prereq: 1042, 1062, 1101 or sr status with instr consent

CMR 4901. Communication, Media, and Rhetoric Seminar II. (; 3 cr. ; A-F only; Every Spring)

Completion of capstone experience for majors. Students conduct a project of original study and present their findings in written and oral form. prereq: 4900, or sr status in the major, instr consent

CMR 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Computer Science (CSCI)

CSCI 1001. Introduction to the Computing World. (M/SR; 2 cr. ; Student Option; Periodic Fall)

Basic hardware and software concepts, elementary data representation, problem solving techniques, algorithm development, introduction to web development, and methods for separation of content and presentation (such as HTML and CSS). [Note: no elective cr for CSci majors or minors]

CSCI 1201. Introduction to Digital Media Computation. (M/SR; 4 cr. ; Student Option; Every Spring)

Using images, sounds, and movies to introduce problem solving, data representation, data manipulation, and programming principles including recursion. Introduction to basic ideas in hardware, software, and computing.

CSCI 1251. Computational Data Management and Manipulation. (M/SR; 4 cr. ; Student Option; Every Fall)

Introduction to principles and practices of computational data management such as using advanced spreadsheet operations, designing and implementing algorithms to summarize and transform data sets, understanding organization of databases, writing and executing simple database queries, and creating effective data visualizations. Topics include basic issues of information security and introduction to modern technologies that support collaboration. [Note: no elective credit for CSci majors or minors]

CSCI 1301. Problem Solving and Algorithm Development. (M/SR; 4 cr. ; Student Option; Every Fall)

Introduction to different problem solving approaches, major programming paradigms, hardware, software, and data representations. Study of the functional programming paradigm, concentrating on recursion and inductively-defined data structures. Simple searching and sorting algorithms.

CSCI 1302. Foundations of Computer Science. (M/SR; 4 cr. ; Student Option; Every Spring)

Basic proof techniques, propositional and predicate logic, induction and invariants, program correctness proofs, basic summations, and simple Big-Oh analysis of algorithms.

CSCI 1801. The Design of Everyday Technologies. (IC; 2 cr. ; Student Option; Periodic Fall)

Discussion and examination of examples of everyday things, issues surrounding the design of technologies for people, and the impacts of new technologies and tools on people in society. Discussion of how values and ethics are manifested in design. Study of design techniques and approaches with an emphasis on promoting design literacy. Includes discussion, readings, presentations, and a project. Requires attending two activities outside of class, a poster session, and a presentation. prereq: new college student in their first semester of enrollment at UMM

CSCI 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CSCI 2101. Data Structures. (M/SR; 5 cr. ; Student Option; Every Fall)

Introduction to data structures, including stacks, queues, trees, and graphs; implementation of abstract data types and introduction to software testing, using object-oriented techniques and reusable libraries. (4 hrs lect, 2 hrs lab) prereq: 1201 or 1301 or instr consent

CSCI 2701. Introduction to Data Science. (M/SR; 4 cr. ; Student Option; Every Spring)

Same as Stat 2701. Introduction to data science and informatics and their application to real world scenarios. Computational approaches to data types; database creation including technologies such as SQL/no-SQL; data visualization; data reduction,

condensation, partitioning; statistical modeling; and communicating results. prereq: CSci 1201 or CSci 1251 or CSci 1301, Stat 1601 or Stat 2601 or Stat 2611 or instr consent

CSCI 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CSCI 3412. Computing Systems: Practicum. (2 cr. ; Student Option; Every Fall)
Lab experience with key computing systems tools and concepts. Command-line tools; shell and system scripting; system programming. Pointers and explicit memory management. Digital logic, gates, electronics, and microcomputers. Network organization and communication; client-server programming. Processes and threads; parallel and distributed computing. Performance and profiling. [Note: Credit will not be granted if credit has been received for CSci 3401 or CSci 3403] prereq: CSci 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent

CSCI 3413. Computing Systems: Concepts. (3 cr. ; Student Option; Every Spring)
Overview of computing systems, operating systems, and networks. Sources of complexity. Fundamental abstractions such as memory, processing, and communication; memory management and data storage; threads, processes, race conditions and deadlock; and inter-process and inter-computer communication. Modularity and organization; virtualization; protection and security; performance. [Note: Credit will not be granted if credit has been received for CSci 3401 or CSci 3402] prereq: CSci 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent

CSCI 3501. Algorithms and Computability. (; 5 cr. ; Student Option; Every Fall)
Models of computation (such as Turing machines, deterministic and non-deterministic machines); approaches to the design of algorithms, determining correctness and efficiency of algorithms; complexity classes, NP-completeness, approximation algorithms. (4 hrs lect, 2 hrs lab) prereq: CSci 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent

CSCI 3601. Software Design and Development. (5 cr. ; Student Option; Every Spring)
Design and implementation of medium- and large-scale software systems. Principles of organizing and managing such designs and implementations throughout their lifetime. Designing for modularity and software reuse; use of libraries. Dynamics of working in groups. Group work on a substantial software project. prereq: C- or better in 2101 or instr consent

CSCI 3701. Intermediate Data Science. (4 cr. [max 40 cr.] ; Student Option; Every Fall)
Same as Stat 3701. Continued development of topics introduced in Introduction to Data Science. Data mining techniques; applied machine learning techniques; mathematical fundamentals such as introductory linear

algebra; graphical models such as Bayesian networks; network analysis; special topics such as topological data analysis; and a strong emphasis on communicating results. prereq: CSci 2701 or Stat 2701 or instr consent.

CSCI 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

CSCI 4403. Systems: Data Mining. (4 cr. ; Student Option; Periodic Fall & Spring)
This course provides a broad introduction to the data mining field. The topics covered are: Data exploration, transformation and preprocessing. Handling data quality problems. Supervised and unsupervised models. Cross-Validation. Performance measures. Feature generation and feature selection techniques to optimize models? performance. Underfitting and Overfitting. Data Visualization. Introduction to Deep Learning methods and applications. Using SQL to data mine large data sets. prereq: 2101 or instr consent

CSCI 4409. Systems: Programming for Parallel Architecture. (2 cr. ; Student Option; Periodic Spring)
Study of programming models, languages, and approaches for parallel computer architectures. Topics include introduction to parallel computing and parallel architectures, approaches to program parallelization, mechanisms for communication and synchronization between tasks, and study of programming language support for parallel computation. prereq: 3412, 3413 or instr consent

CSCI 4410. Systems: Cloud Computing Architectures. (2 cr. ; Student Option; Periodic Fall & Spring)
Survey of cloud computing architectures such as "Infrastructure as Service" and "Platform as Service". Distributed computing, distributed data, and commonly utilized technologies such as software containers, virtual machines, and networking essentials will also be covered. prereq: 3412 or instr consent

CSCI 4453. Systems: Database Systems. (4 cr. ; Student Option; Periodic Fall & Spring)
Introduction to relational, object-relational, and object database systems. Topics include the relational model, SQL and related query languages, JDBC and database applications programming, database design, query processing and optimization, indexing techniques, and transaction management. prereq: 2101 or instr consent

CSCI 4454. Systems: Robotics. (4 cr. ; Student Option; Periodic Fall & Spring)
An introduction to robotic systems. Topics may include robot classification, mechanical armatures, concepts of kinematics and coordinate systems, basic electronic circuits as applied to robotic systems, embedded system architecture and programming, communications hardware and protocols, and algorithms in robotics. Some lecture times may be replaced by supervised work in electronics

lab and machine shop; times for this work are to be arranged with the instructor. prereq: 2101 or instr consent

CSCI 4457. Systems: Ubiquitous Computing. (4 cr. ; Student Option; Periodic Fall & Spring)
Study of the mechanisms and environments of ubiquitous computing. Topics may include computer and network architectures for ubiquitous computing, mobile computing mechanisms, multimodal interaction, pervasive software systems, location mechanisms, techniques for security and user-authentication, and experimental ubiquitous computing systems. prereq: 3412 or instr consent

CSCI 4458. Systems: Bioinformatic Systems. (4 cr. ; Student Option; Periodic Fall & Spring)
Introduction to bioinformatics with an emphasis on computer systems. Possible topics include: utilizing software for genetic sequencing, large-scale data management using databases, algorithms for construction of phylogenetic trees, bioinformatic scripting, and other tools for bioinformatics. prereq: 3412 or instr consent

CSCI 4506. Theory: Fuzzy Logic and Fuzzy Sets. (2 cr. ; Student Option; Periodic Fall & Spring)
Fuzzy logic and fuzzy sets are used in expert systems, controllers, pattern recognition, databases, decision making, robotics, and economics. The basic theory of fuzzy sets and fuzzy logic along with a brief survey of some of the current research. May include presentations and/or a project. prereq: 3501 or instr consent

CSCI 4553. Theory: Evolutionary Computation and Artificial Intelligence. (4 cr. ; Student Option; Periodic Fall & Spring)
Introduction to Evolutionary Computation as an Artificial Intelligence tool for developing solutions to problems that are difficult to describe precisely or solve formally, as well as comparisons with other AI techniques. Includes discussions of theoretical background and tools, implementation issues, and applications. prereq: 2101 or instr consent

CSCI 4554. Theory: Cryptography. (4 cr. ; Student Option; Periodic Fall & Spring)
Theory and applications of cryptography. Overview of necessary mathematical concepts. Discussion of algorithms and protocols including public and private key encryption, authentication, and zero knowledge proofs. prereq: CSci 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent

CSCI 4555. Theory: Neural Networks and Machine Learning. (4 cr. ; Student Option; Periodic Fall & Spring)
Study of the underlying theory, structure, and behavior of neural networks and of how neural networks compare to and can be used to supplement other methods of machine learning. Methods such as decision tree learning, inductive learning, reinforcement learning, supervised learning, and explanation-based learning are examined. Analysis of the strengths and weaknesses of various approaches to machine learning. Includes an

implementation project. prereq: CSci 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent

CSCI 4557. Theory: Quantum Computing. (4 cr. ; Student Option; Periodic Spring)

Summarization of relevant mathematical and quantum mechanical concepts. Basic quantum algorithms concepts and simple algorithms are explored, along with Shor's algorithm, Grover's algorithm, and the quantum Fourier transform. prereq: CSci 1302 or both Math 2202 and Math 3411, CSci 2101, CSci 3501 or Math 1101 or higher or instr consent

CSCI 4604. Processes, Programming, and Languages: Graphical User Interfaces. (2 cr. ; Student Option; Periodic Fall & Spring)

An exploration into designing Graphical User Interfaces. Aspects of human-computer interaction are discussed along with how to design good user interfaces. Students complete a user interface design project. prereq: 2101 or instr consent

CSCI 4605. Processes, Programming, and Languages: Refactoring. (2 cr. ; Student Option; Periodic Fall & Spring)

Introduction to methodologies for the long-term development and maintenance of software systems. Discussion of methods of fixing errors and extending functionality in a controlled manner that builds on and improves the underlying system design, as well as tools for regression testing to help catch introduced errors. There is a significant programming component as well as change documentation and classroom presentations. prereq: 3601 or instr consent

CSCI 4609. Processes, Programming, and Languages: Usability of Open Source Software. (; 2 cr. ; Student Option; Periodic Fall)

Introduction to usability studies and how users interact with systems using open source software as an example. Students learn usability methods, then explore and contribute to open source software by performing usability tests, presenting their analysis of these tests, and making suggestions or changes that may improve the usability. prereq: 2101

CSCI 4610. Processes, Programming, and Languages: Programming for Cloud Computing. (2 cr. ; Student Option; Periodic Fall & Spring)

Survey of cloud computing practices such as "Software as Services", and "Function as Service" with an emphasis on implementation. Topics to be covered include networking essentials, distributed algorithms, programming for software clusters, and stream programming. prereq: 3412 or instr consent

CSCI 4651. Processes, Programming, and Languages: Programming Languages. (4 cr. ; Student Option; Periodic Fall & Spring)

History of programming languages, formal specification of syntax and semantics of programming languages from a variety of paradigms (procedural, functional, logic-programming, object-oriented, and parallel paradigms), modern language features. prereq: 2101 or instr consent

CSCI 4654. Processes, Programming, and Languages: Modern Functional Programming. (4 cr. ; Student Option; Periodic Fall & Spring)

Survey of concepts, tools, and techniques from the realm of functional programming. Topics include higher order functions, currying, type systems, concurrency models, mechanisms for managing state, and methods of compilation and evaluation such as graph reduction and term rewriting. prereq: CSci 1302 or both Math 2202 and Math 3411, CSci 2101 or instr consent

CSCI 4656. Processes, Programming, and Languages: Human-Computer Interaction and Interface Design. (4 cr. ; Student Option; Periodic Fall & Spring)

Introduction to the design, evaluation, and implementation of interactive computing systems for human use with a particular emphasis on user interfaces. Possible domains include usability issues for desktop applications, embedded systems, and Web design. Student projects include evaluative studies and sample implementations. prereq: 2101 or instr consent

CSCI 4657. Processes, Programming, and Languages: Programming Languages for Client-Server Systems. (4 cr. ; Student Option; Periodic Fall & Spring)

Client/Server model and related Internet protocols. Server-side data storage. Common programming languages and technologies for client-side and server-side data processing. Related security issues. prereq: 3601 or instr consent

CSCI 4658. Processes, Programming, and Languages: Usability, Design, and Mobile Technologies. (4 cr. ; Student Option; Periodic Fall)

Design, evaluation, and use of innovative handheld, mobile, and wearable technologies. Topics include needs and issues unique to mobile users, as well as social and organizational impacts of mobile technologies. The course consists of a mix of lectures and seminar-style discussions, with projects incorporating important aspects of design, implementation, and evaluation. prereq: 3601 or instr consent

CSCI 4659. Processes, Programming, and Languages: Measuring and Managing Software Quality. (4 cr. ; Student Option; Periodic Fall)

Exploration of metrics and tools for assessing the health and quality of a software system, including technical debt, system complexity, duplication, and maintainability. Ways of communicating about software systems such as code reviews. Use of techniques such as refactoring and design patterns to improve systems. Includes substantial application and project work. prereq: 3601 or instr consent

CSCI 4901. Senior Seminar. (2 cr. ; S-N only; Every Fall & Spring)

In-depth survey of literature in a specific computer-related field of the student's choice. Students analyze various articles or similarly published works, synthesize their contents, and present their work formally in

a conference setting. Multiple writing and speaking experiences reviewed by faculty and classmates. Requires attendance and presentation at a student conference near the end of the semester in addition to regular class meetings. prereq: IS 1091 or instr consent, jr or sr

CSCI 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Course (CRSE)

CRSE XXXXX. Course. (0-999 cr. ; Transfer Grading Basis;)
Course

Dance (DNCE)

DNCE 1321. Introduction to Modern Dance and Ballet. (ART/P; 1 cr. [max 2 cr.] ; S-N only; Every Fall)

Practice in the fundamental movement vocabulary and steps of dance with an emphasis on traditional ballet techniques and modern dance interpretations. Exploration of body awareness through improvisational exercises and compositional studies. Discussion of the cultural origins of style in dance and the role of dance in contemporary life.

DNCE 1322. Introduction to Jazz and Modern Dance. (ART/P; 1 cr. [max 2 cr.] ; S-N only; Every Spring)

Fundamental movement vocabulary and steps of dance from the unique perspective of American Jazz combined with modern dance. Explores body awareness through improvisational exercises and composed studies. Discussion of dance in contemporary life, individual style, and the cultural origins of jazz music and movement.

DNCE 1323. Introduction to Tap Dance. (ART/P; 1 cr. [max 2 cr.] ; S-N only; Every Fall)

Practice in footwork and introduction to vocabulary that forms the basis of the percussive dance form. Discussion of origins of the dance form, different styles, and relationship to musical structures. Practice in improvisational Tap skills. [Note: Tap shoes required]

DNCE 1330. Introduction to Dance in Musical Theatre. (ART/P; 1 cr. [max 2 cr.] ; Student Option; Periodic Fall & Spring)

A basic study of dance including its vocabulary, technique, and history. Examine the works of choreographers such as Bob Fosse, Agnes de Mille, Michael Bennett, and Twyla Tharp. The class is a combination of movement and discussion.

DNCE 1331. Ballet I. (ART/P; 1 cr. [max 2 cr.] ; Student Option; Every Fall & Spring)

A basic study of ballet including its vocabulary, technique, and history. Appropriate for beginning-level students or students who have completed Dnce 1321 or 1322. prereq: 1321 or instr consent

DNCE 1332. Jazz Dance I. (ART/P; 1 cr. [max 2 cr.] ; Student Option; Every Fall)
A basic study of jazz dance including its technique, history, and applications. Appropriate for beginning-level students or students who have completed Dnce 1321 or 1322. prereq: 1322 or instr consent

DNCE 1333. Modern Dance I. (ART/P; 1 cr. [max 2 cr.] ; Student Option; Every Spring)
A basic study of modern dance including alignment, technique, and history. Appropriate for beginning-level students or students who have completed Dnce 1321 or 1322. prereq: 1321 or 1322 or instr consent

DNCE 1334. Tap Dance I. (ART/P; 1 cr. [max 2 cr.] ; Student Option; Every Spring)
Practice in footwork and advanced beginning vocabulary of this percussive dance form, including opportunities for improvisation. Learn about the origins of the dance form, different styles and how they evolved, and the dance form's relationship to musical structures. Learn and compose Tap dance choreography. [Tap shoes required] prereq: 1323 or instr consent

DNCE 2011. Dance in Society. (HDIV; 2 cr. ; Student Option; Spring Even Year)
Through a broad, cross-cultural survey of the different ways in which dance functions in the modern world, students gain an appreciation of the way this art form reflects social and historical experiences. Includes lectures, readings, and opportunities to see dance through videos, observations, and live performances.

DNCE 2301. Practicum in Dance. (ART/P; 1 cr. ; Student Option; Every Spring)
Directed projects in performance and production aspects of dance for the stage. Projects can be focused on either choreography or technical theatre for dance. prereq: instr consent

DNCE 2311. Dance Composition. (ART/P; 2 cr. [max 8 cr.] ; Student Option; Periodic Fall & Spring)
Introduction to the basic elements of choreography, including the use of space, time, energy, abstraction, motif and development, and the selection of music. Using improvisation and assigned movement problems to learn the process of crafting solo and group choreography.

DNCE 2320. Contemporary and Modern Technique and Choreography. (ART/P; 1 cr. [max 2 cr.] ; Student Option; Periodic Fall & Spring)
Builds upon basic dance vocabulary with movement exercises drawn from traditional schools of modern dance technique. Dancers examine contemporary technique and place an emphasis on aesthetic and expressive qualities that lead to performance. prereq: 1321 or instr consent

DNCE 2331. Ballet II. (ART/P; 1 cr. [max 2 cr.] ; Student Option; Every Fall)
A low intermediate-level study of classical ballet. Emphasis on advancing technical skill through conditioning and performance of ballet steps and combinations. [Note: ballet slippers required] prereq: 1331 or instr consent

DNCE 2332. Jazz Dance II. (ART/P; 1 cr. [max 2 cr.] ; Student Option; Every Spring)
Builds upon basic dance vocabulary with emphasis on the movement vocabulary of jazz dance. Emphasis on African dance roots and stylistic variations in contemporary jazz dance forms. Includes a performance experience. prereq: 1332 or instr consent

DNCE 2333. Modern Dance II. (ART/P; 1 cr. [max 2 cr.] ; Student Option; Every Fall)
Builds upon basic dance vocabulary with movement exercises drawn from traditional schools of modern dance technique (Wigman/Holm, Graham, Humphrey/Limon, Horton, Cunningham). Emphasis is on advancing technical skills through conditioning, improvisation, and movement combinations. Includes a performance experience. prereq: 1333 or instr consent

DNCE 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall, Spring & Summer)
A learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum such as dance history, choreography and directing, dance education for children.

DNCE 3001. World Dance Traditions. (IP; 2 cr. [max 4 cr.] ; Student Option; Spring Odd Year)
Provides a context for the appreciation of dance in relationship to culture and community. Students examine the history and techniques of specific non-Western dance styles. Topics vary. Consists of lecture, discussion, video, movement, and the opportunity to see a live professional dance performance.

DNCE 3011. Dance History. (FA; 4 cr. ; Student Option; Periodic Spring)
Identify significant developments in the history of Dance. Trace the roots of Ballet, Modern, Tap and Jazz Dance and Modern Dance and their impact on dance as performance art in Western society. Examine the history of select styles of non-Western dance and research major figures in dance history. prereq: any 1xxx Dnce course or instr consent

DNCE 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall, Spring & Summer)
A learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum such as dance history, choreography and directing, dance education for children.

DNCE 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall, Spring & Summer)
A learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum such as dance history, choreography and directing, dance education for children.

ECON 1103. Essentials of Economics. (SS; 3 cr. ; Student Option; Every Fall & Spring)
The first half of the course develops theories related to individual and firm decision-making. Students will learn how consumers and producers respond to price changes, how price is determined in the market, concepts of elasticity, gains from trade, and how different types of firms maximize profit. The latter half of the course will introduce the theories related to aggregate economy. Specific attention will be given to models that explain business cycles fluctuations and policy initiatives to ameliorate them.

ECON 1111. Principles of Microeconomics. (SS; 4 cr. ; Student Option; Every Fall & Spring)
Study of scarce resource allocation in a market economy. Supply and demand, consumer theory, theory of the firm, market structure, pricing of factors of production, income distribution and the role of government. prereq: high school algebra or instr consent

ECON 1112. Principles of Macroeconomics. (SS; 4 cr. ; Student Option; Every Fall & Spring)
Introduction to basic economic problems, concepts, and theoretical models. U.S. economic institutions and the economic organization of society. The role of markets in the production and distribution of societal resources. Measurement of economic performance; national income, inflation, and unemployment; competing macroeconomic theories and stabilization policies. prereq: high school algebra or instr consent

ECON 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ECON 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ECON 3005. Experimental and Behavioral Economics I. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Introduction to economic experiments as controlled tests of microeconomic and game-theoretic behavioral predictions. In-class economic experiments, elements of non-cooperative game theory, results of market and social preference experiments, and empirical applications. prereq: 1111, 1112, Math 1101, Stat 1601 or Stat 2601; or instr consent

ECON 3006. Experimental and Behavioral Economics II. (2 cr. ; Student Option; Periodic Fall & Spring)
Advanced concepts and applications in experimental and behavioral economics. prereq: 3005 or instr consent

ECON 3007. Environmental and Natural Resource Economics I. (ENVT; 2 cr. ; Student Option; Every Fall)

Economics (ECON)

Economic analysis of the causes and consequences of environmental pollution. Emphasis on the role of market failures as the root cause of pollution, and on regulatory approaches to solve those problems. Case studies of incentive regulation (emissions taxes & tradeable discharge permits) in practice, in the U.S. and beyond. prereq: 1111 or instr consent

ECON 3008. Environmental and Natural Resource Economics II. (ENVT; 2 cr. ; Student Option; Every Fall)

The economic analysis of sustainability, focusing on market designs to discourage over-exploitation of both renewable and exhaustible natural resources. Topics include markets for water, fisheries, and energy. prereq: 3007 or instr consent

ECON 3009. Political Economy. (; 4 cr. ; Student Option; Periodic Spring)

The historical evolution, methodological relevance, and basic structure of the modern capitalist economy, including the dynamics of capital accumulation, economic crisis, transformation and regulating mechanism of contemporary capitalism, and hegemonic tendency of economy over polity and other aspects of life in contemporary society. prereq: 1111, 1112 or instr consent

ECON 3014. Game Theory: The Theory of Strategic Behavior I. (2 cr. ; Student Option; Periodic Fall & Spring)

The analytic approach to strategic interaction. Strategic interaction takes place among people when the payoffs to each person depend on the choices of all the others, and each person knows this fact in choosing their behavior. Development of the basic concepts of the theory of strategic interaction, including the definition of a strategy, extensive form and strategic form representations of the same game, and the solution concepts of Nash equilibrium and rollback equilibrium. A selection of applications of economic interest are covered, such as market entry deterrence and social dilemma games. [Note: no credit for students who have received cr for IS 3206H] prereq: 1111 or instr consent

ECON 3015. Game Theory: The Theory of Strategic Behavior II. (; 2 cr. ; Student Option; Periodic Fall & Spring)

Extensions to the basic analytic theory of strategic interaction that widen its applicability, including topics such as repeated games, asymmetric information, and refinements to basic solution concepts. A selection of applications of economic interest, such as screening, signaling, and brinkmanship. prereq: 3014 or instr consent

ECON 3113. Money, Banking, and Financial Markets. (; 4 cr. ; Student Option; Every Spring)

Nature and function of money; role of commercial banks and other financial institutions; structure and function of Federal Reserve system; monetary policies for stabilization and growth; and a survey and synthesis of major theories on the value of money. prereq: 1111, 1112 or instr consent,

Engl 1601 (or instr consent for students with college writing experience)

ECON 3121. Public Economics I. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Analysis of the economics of public expenditures. prereq: 1111, 1112 or instr consent

ECON 3122. Public Economics II. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Analysis of the economics of taxation. prereq: 3121 or instr consent

ECON 3131. Comparative Economic Systems. (IP; 2 cr. ; Student Option; Periodic Fall & Spring)

Comparison of the theory and functioning of the major economic systems of the world. Examples of the use of different system attributes in important sectors of particular economies. prereq: 1111, 1112 or instr consent

ECON 3134. Cooperative Business Model.

(2 cr. ; Student Option; Periodic Fall & Spring)
Same as Mgmt 3134. In the northern plains of the United States, cooperative businesses, including consumer, producer, and worker cooperatives, have made significant contributions to economic growth and development. Identify the unique economic, legal, and organizational characteristics of these firms and their role in the economy. Special attention is given to the potential role of cooperative business organizations in community development. prereq: 1111 or instr consent

ECON 3136. Economics of the Green Power Transition: New Business Models and Regulatory Strategies. (ENVT; 2 cr. ; Student Option; Periodic Fall & Spring)
Examines "Utility 2.0" business models and new regulatory approaches that aim to encourage rapid de-carbonization of the electricity system. prereq: 1111

ECON 3141. Economic Growth and Development I. (IP; 2 cr. ; Student Option; Every Fall)

Issues of growth and development that are fundamental to low and middle-income countries. The concept and indicators of growth and development, comparative development status of countries, and the primary determinants of growth. Poverty, inequality, and the role of program evaluation in the formulation of evidence-based development policies. prereq: 1111, 1112 or instr consent

ECON 3142. Economic Growth and Development II. (IP; 2 cr. ; Student Option; Every Fall)

Issues internal to developing countries, such as agriculture, human capital, institutions (governmental, civic, and private), geography, culture. Issues external to developing countries, such as globalization, foreign trade, international migration, and climate change. The effects of these issues on poverty, inequality, and economic growth. prereq: 3141 or instr consent

ECON 3172. Strategic Firm Interaction and Market Structures. (4 cr. ; Student Option; Periodic Fall & Spring)

Firms must interact strategically in all market settings except perfect competition and pure monopoly. The course begins with imperfect markets for simple commodities and a consideration of substitutes and complements. More advanced models are then presented which develop topics such as quality differentiation, entry deterrence, collusion, mergers along the supply chain, various types of price discrimination, and natural monopoly. Emphasis is on the relative efficiency of different market structures, with some consideration of options for government regulation. prereq: 1111 or instr consent

ECON 3173. Health Care Economics. (4 cr. ; Student Option; Every Spring)

Utilizes economic theory and statistical tools to analyze the allocation of health care resources with respect to the demand and supply of health care. Explores the institutional details and market structures of the health care industry through the lens of economic analysis, providing a context for managerial decision-making. In particular, the behavior of patients in the utilization of health care, and the roles of hospitals, physicians, and health insurance in the production, distribution, and the utilization of health care resources are examined. Finally, the role of market imperfections and government regulatory intervention are discussed. prereq: 1111 or instr consent

ECON 3201. Microeconomic Theory. (; 4 cr. ; Student Option; Every Fall)

Analytical approach to decision making by individual economic units in the output and input markets, under perfect and imperfect market conditions. Externalities and role of government. prereq: 1111, Math 1101 or instr consent

ECON 3202. Macroeconomic Theory. (; 4 cr. ; Student Option; Every Spring)

The theory of national income determination; inflation, unemployment, and economic growth in alternative models of the national economy. prereq: 1112, Math 1101 or instr consent

ECON 3211. History of Economic Thought I. (HIST; 2 cr. ; Student Option; Periodic Fall & Spring)

The origin and development of economic thought from Mercantilism through the classical school. Among others, Adam Smith and Karl Marx are featured. Nature of economics as a social science through the study of its historical development. prereq: 1111, 1112

ECON 3212. History of Economic Thought II. (HIST; 2 cr. ; Student Option; Periodic Fall & Spring)

The development of economic thought from Marx and the end of the classical school, through the development of more modern approaches. In addition to the demise of classical thought, a selection from the thinkers who contributed to the foundations of modern microeconomics and/or macroeconomics is covered. Nature of economics as a social science, through the study of its historical development. prereq: 3211 or instr consent

ECON 3501. Introduction to Econometrics. (M/SR; 4 cr. ; Student Option; Every Spring)

Statistical techniques and statistical problems applicable to economics and management, focusing on ordinary least-squares regression, classical inference, and detections of and adjustments for violations of the classical assumptions. The course also briefly explores some advanced econometric topics in model specification, estimation, and prediction that include pooled and panel data models, instrumental variable estimation, two-stage least squares estimation, limited dependent variables and logistic regression. prereq: 3201 or 3202, Engl 1601 (or instr consent for students with college writing experience), Stat 1601 or Stat 2601

ECON 3993. Directed Study. (1-5 cr. [max 10 cr.]; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ECON 4101. Labor Economics I. (HDIV; 2 cr. ; Student Option; Periodic Fall & Spring) Wage and employment determination. Distribution of earnings and earnings inequality by race and sex. Labor supply applications. prereq: 3201 or Mgmt 3123 or instr consent

ECON 4102. Labor Economics II. (2 cr. ; Student Option; Periodic Fall & Spring) Functioning and performance of the labor market. Heterodox explanations of labor market behavior. Labor demand applications. prereq: 3201 or Mgmt 3123 or instr consent

ECON 4111. Mathematical Economics I. (2 cr. ; Student Option; Periodic Fall & Spring) Application of mathematical methods to economic analysis. Mathematical formulations and solution of optimizing models pertaining to households and firms and of adjustments to disturbances. [Note: no credit for students who have received cr for Econ 4201] prereq: 3201, 3202 or instr consent

ECON 4112. Mathematical Economics II. (2 cr. ; Student Option; Periodic Fall & Spring) Topics include linear modeling, input-output analysis and linear programming, efficiency and exchange, comparative static analysis, and dynamic microeconomic and macroeconomic models. prereq: 4111 or instr consent

ECON 4121. International Trade Theory. (2 cr. ; Student Option; Periodic Fall & Spring) Overview of why trade occurs, pattern of trade and international factor movement. Effect of trade and trade policy on the economy. Current topics in trade theory. prereq: 3201 or Mgmt 3123 or instr consent

ECON 4131. International Finance. (2 cr. ; Student Option; Periodic Fall & Spring) Foreign exchange markets; theories of exchange rate determination; fixed vs. flexible rate systems; theories of balance of payments adjustments; international quantity of money theory; international reserves; international monetary system (past, present, and future); internal and external balance, international economic policy coordination, international debt problem; effect of international sector on domestic growth and stability. prereq: 3202 or instr consent

ECON 4141. Empirics of Economic Growth. (2 cr. ; Student Option; Periodic Fall & Spring) Presentation of the recent developments in economic growth with an emphasis on empirical research. The course asks, "Why are some countries so rich and some countries so poor?" Students first explore the proximate causes of economic growth such as physical capital, human capital, and productivity, and then address the role played by fundamental causes such as institutions, geography, and deep history. prereq: 3501

ECON 4201. Foundations of Microeconomic Theory. (4 cr. ; Student Option; Periodic Fall & Spring)

Consumer theory, production theory, and general equilibrium. Issues addressed include: the choice approach versus the preference approach; the perils of common highly regular utility functions; the demand aggregation problem and solutions; the foundations of individual consumer welfare theory and social welfare criteria; multiple output production; and general equilibrium theory as a method for overcoming many of the issues encountered earlier in the course. This course does use a substantial amount of multivariable differential calculus. [Note: no credit for students who have received cr for Econ 4111] prereq: 3201

ECON 4501. Senior Research Seminar in Economics and Management. (2 cr. [max 4 cr.]; Student Option; Every Fall)

Guided research sessions familiarize students with literature in the field. Students devote their time to identify a research question and prepare a literature review and research plan. Students are required to write a short literature review paper and make a formal presentation of their literature review and their research plan to their peers. Required presentations may occur outside the regular class schedule. prereq: Engl 1601 for all students (or instr consent for students with previous college writing experience), 3501 for econ majors or sr status for mgmt majors or instr consent

ECON 4502. Advanced Research Seminar in Economics and Management. (2 cr. ; Student Option; Every Spring)

Guided sessions familiarize students with advanced research tools in the field. Students extend their research from Econ 4501 in the form of a deeper literature review, an empirical analysis, or a specific case study (management majors only). Students are required to submit a final paper and make a formal presentation of their research to their peers. Required presentations may occur outside the regular class schedule. prereq: 4501, instr consent

ECON 4993. Directed Study. (1-5 cr. [max 10 cr.]; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Education (ED)

ED 1103. Fundamentals of Student Development and Support. (1 cr. ; Student Option; Every Fall)

This course is for first time student leaders designated to serve in key Student Affairs leadership positions (Community Advisors, Peer Mentors, Orientation Leaders, etc.). Students will be given an introduction to leadership theory and student development theory as well as taught skills essential to their role such as crisis management, de-escalation and mental health first aid. Course completion partially fulfills training specific to the student? s position. This course is complementary to the MLEAD program and does utilize the first of six modules that make up that program, but is not a replacement for the program. prereq: instr consent

ED 1801. Critical Issues in K-12 Education.

(IC; 2 cr. ; Student Option; Periodic Fall) Most first-year college students have spent the majority of their lives immersed in the K-12 education system. This course is an opportunity for students to learn about the historical, political, and social forces that shaped their educational experiences. Students deliberate about and examine pressing and controversial issues in K-12 education today. They explore questions such as whether school dress codes violate students' First Amendment rights, why there are disparities in educational outcomes for students from different backgrounds and what can be done about this, what role religion should be allowed to play in public schools, and more. Students engage with multiple perspectives on each issue and reflect on how each issue impacted their own K-12 educational experiences. Includes opportunities for students to learn and practice strategies and structures for democratic deliberation of public issues. prereq: new college student in their first semester of enrollment at UMM

ED 1802. Why Teach? The Challenges and Rewards of Teaching as the Work of Social Justice. (IC; 2 cr. ; Student Option; Periodic Fall)

Explore some of the challenges and rewards of teaching in a K-12 setting. Education is the work of social justice. From that context, this course examines both the challenges that face K-12 educators such as regulations, budget cuts, and negative perceptions of the profession, as well as the positive impact that education can have on individuals and communities. These impacts include higher literacy rates, personal empowerment, personal expression, efficacy, community involvement with youth, and economic growth. prereq: new college student in their first semester of enrollment at UMM

ED 1804. Games and Learning. (IC; 2 cr. ; Student Option; Periodic Fall)

This class treats gaming as an object of inquiry. Students will learn about how games can be used to achieve educational goals and their potential benefits beyond leisure. Special attention is given to role-playing games, video games, and tabletop games. prereq: new college student in their first semester of enrollment at UMM

ED 1993. Directed Study. (1-5 cr. [max 10 cr.]; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ED 2111. Tutor-Aide Practicum. (1 cr. ; S-N only; Every Fall, Spring & Summer)
Students complete 30 hours of preprofessional field experience in the schools. Students enrolled in this course are required to pay for and submit to a Minnesota background check. prereq: coreq 2121

ED 2121. Introduction to Education. (SS; 4 cr. ; A-F only; Every Fall & Spring)
History, philosophy, and purposes of American education; classroom practices and effective teaching; instructional technology; and certification requirements in education. prereq: coreq 2111

ED 2201. Perspectives on Young Adult Literature: Schooling, Society, and Culture. (HUM; 4 cr. ; Student Option; Periodic Spring & Summer)
Exposure to multiple genres of young adult literature and brief introduction to various types of response to literature. Special emphasis on multicultural literature, the role of literature in forming moral and cultural values, using literature in the grade 5-12 classroom, and reader response theory and pedagogy. Students read, respond to, select, and evaluate young adult literature.

ED 2221. Diversity and Identity in Literature and Film. (HDIV; 4 cr. ; Student Option; Periodic Spring)
A survey of key concepts in diversity research (including power, prejudice, social justice, institutionalized discrimination, tolerance) as well as identity representation in literary and film texts. Additionally, students analyze power relationships and how they impact and are impacted by such institutions as schooling and the media.

ED 2231. Disability in American Education. (HDIV; 2 cr. ; Student Option; Periodic Spring)
Introduction to issues related to disability in the context of American schools, both P-12 and post-secondary. In addition to introducing students to classroom practice, the course focuses on important theory in Disability Studies and the social and political history that has led to our systems of special education.

ED 2601. Development, Learning, and Teaching. (SS; 2 cr. ; A-F only; Every Spring)
Introductory exploration of perspectives on child and adolescent development including cognitive, social/emotional, personal, physical, and language development and theories of learning, with a strong focus on the implications for effective teaching in the P-12 classroom. This course is a prerequisite for admission to the Elementary and Secondary Education programs.

ED 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ED 3011. Global Practicum: Building Intercultural Perspectives for PK-12 Education. (IP; 6-10 cr. ; S-N only; Every Fall, Spring & Summer)

The practicum provides students interested in education an opportunity to build their intercultural competence, compare and contrast educational systems, and reflect on teaching and learning by assisting a PK-12 mentor teacher in a school. [Note: credit will not be granted if credit has been received for IS 3011; special fee required] prereq: jr status, instr consent

ED 3109. Race and Culture in Education. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring)

A critical examination of the intersections of race, indigeneity, ethnicity, gender identity, and sexual orientation under the umbrella of settler colonialism, systemic racism, and white supremacy in the U.S. public education system.

ED 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ED 4901. The Teacher and Professional Development. (1 cr. ; A-F only; Every Spring)

Capstone experience. Professional development issues and philosophy of education are included as topics of study. prereq: EIEd or SeEd 4201 or 4204 or instr consent

ED 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Elementary Education (ELED)

ELED 3101. Teaching and Learning Strategies. (3 cr. ; A-F only; Every Fall)
Elementary school teaching and learning. Planning for instruction, learning theory, multicultural education, classroom management, use of technology in the classroom. prereq: admission to the elementary teacher education program

ELED 3102. Reading Methods: Literacy and Language Instruction in the Elementary School. (4 cr. ; A-F only; Every Fall)
Beginning reading instruction in the elementary grades. Includes study of theory, issues, literacy frameworks, assessment, materials, organization, and instructional strategies to scaffold children's literacy development. prereq: admission to elementary teacher education program

ELED 3103. Mathematics in the Elementary School. (4 cr. ; A-F only; Every Fall)
Standards, curriculum, assessment, and methodology for teaching mathematics in the elementary school. Includes the theoretical basis of methodology in mathematics and its application, measurement and evaluation, selection and use of instructional media and

computer software, and meeting the needs of culturally diverse and special needs students. prereq: admission to the elementary teacher education program

ELED 3111. Practicum I: Field Experience in the Elementary Classroom. (2 cr. ; S-N only; Every Fall)

Field experience in the elementary classroom. prereq: admission to the elementary teacher education program

ELED 3202. Middle Level Theory and Methods. (1 cr. ; A-F only; Every Spring)
Developmental characteristics, organizational and instructional needs of pre-adolescent and adolescent level classrooms. Characteristics of effective middle level teachers. prereq: 3101, 3102, 3103, 3111

ELED 3203. Preprimary Theory and Pedagogy. (4 cr. ; A-F only; Every Spring)
The theoretical foundations of young children's development, historical foundations of early childhood education, interaction with families. Explore the methods, materials, and research for planning and implementing a developmentally appropriate curriculum, assessments, and learning environments for children from ages 3-5. Required for students pursuing a preprimary endorsement. A 40-hour practicum experience (EIEd 3211) must be taken concurrently. prereq: 3101, 3102, 3103, 3111

ELED 3204. Advanced Childhood and Adolescent Development. (2 cr. ; A-F only; Every Spring)

Extended study of child and adolescent development with a particular focus on teaching and learning for early elementary and middle school learners. This is a required course for students majoring in elementary education. prereq: 3101, 3102, 3103, 3111

ELED 3205. Advanced Reading Methods. (2 cr. ; A-F only; Every Spring)

Advanced reading instruction in the elementary grades. Includes study of theory, issues, literacy frameworks, assessment, materials, organization, and instructional strategies to scaffold children's literacy development. prereq: admission to the elementary education program, 3102

ELED 3211. Practicum II: Field Experience in a Preprimary Setting. (1 cr. ; S-N only; Every Spring)

Field experience in preprimary or kindergarten setting. prereq: 3101, 3102, 3103, 3111

ELED 3212. Practicum II: Field Experience in a Middle Level Setting. (1 cr. ; S-N only; Every Spring)

Field experience in the middle level classroom. prereq: 3101, 3102, 3103, 3111

ELED 3213. Practicum II: Field Experience in a K-6 Setting. (1 cr. ; S-N only; Every Spring)

Field experience in a K-6 classroom. prereq: 3101, 3102, 3103, 3111

ELED 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a

faculty member for academic credit in areas not covered in the regular curriculum.

ELED 4102. Social Studies in the Elementary School. (; 2 cr. ; A-F only; Every Fall)

Outcomes, content, integration strategies, and assessment of social studies instruction in the elementary curriculum. prereq: 3201, 3202, (3211 or 3212)

ELED 4103. Science in the Elementary School. (; 2 cr. ; A-F only; Every Fall)

Standards, curriculum, and assessment of elementary school science. Includes theoretical basis of methodology and its application, assessment, selection and use of instructional media and computer software, and meeting the needs of cultural diverse and special needs students. prereq: 3201, 3202, (3211 or 3212)

ELED 4104. Language Arts and Literature in the Elementary School. (; 3 cr. ; A-F only; Every Fall)

Theory, content, assessment, and strategies that support identification, selection, and use of materials and practices in the language arts and children's literature that foster children's language development and growth in reading, writing, speaking, listening, viewing, and visually representing. prereq: 3201, 3202, (3211 or 3212)

ELED 4107. Health and Physical Education in the Elementary School. (; 1 cr. ; A-F only; Every Fall)

Scope, sequence, and related activities in elementary health and physical education. prereq: 3201, 3202, (3211 or 3212)

ELED 4111. Practicum III: Beginning Student Teaching. (; 2 cr. ; S-N only; Every Fall)

Participation in in-service, teaching, and teaching-related activities in preparation for student teaching. prereq: 3201, 3202, (3211 or 3212)

ELED 4112. Practicum IV: Cross-Cultural Experience in the Elementary School. (1 cr. [max 2 cr.]; S-N only; Every Fall)

Field experience in the elementary classroom. [Note: special fee required if practicum is in Chicago] prereq: 3201, 3202, (3211 or 3212)

ELED 4121. Inclusion in the Elementary School. (2 cr. ; A-F only; Every Fall)

Strategies and techniques for developing inclusive learning environments in elementary schools. Discussion of the differences in strategies in accommodations and modifications. Emphasizes adaptations for students with mild, moderate, and severe disabilities. Introduction to various methods of identifying students with disabilities and follow-up interventions. prereq: admission to the elementary education program

ELED 4201. Directed Student Teaching in Primary and Intermediate Grades. (HDIV; 12 cr. ; S-N only; Every Spring)

Students teach for a period of 12 weeks demonstrating application of approaches to teaching and learning in primary and intermediate grades under the guidance of a cooperating teacher and University supervisor. [Note: special fee required] prereq: 4102, 4103,

4104, 4111, 4112, passing scores on basic skills exams or instr consent

ELED 4202. Directed Student Teaching in Primary and Intermediate Grades. (1-16 cr. ; S-N only; Every Fall & Spring)

For students who need alternative or additional student teaching experience. Students demonstrate application of approaches to teaching and learning in primary and intermediate grades under guidance of a cooperating teacher and University supervisor. [Note: special fee required] prereq: passing scores on basic skills exams or instr consent

ELED 4204. Directed Global Student Teaching at the Primary and Intermediate Level. (IP; 1-16 cr. ; Student Option; Every Fall, Spring & Summer)

Students complete Global Student Teaching for demonstrating application of approaches to teaching and learning in primary and intermediate grades under the guidance of a cooperating teacher and University supervisor. [Note: special fee required] prereq: 4102, 4103, 4104, 4111, 4112, passing scores on basic skills exams or instr consent

ELED 4206. Directed Student Teaching in Preprimary Classroom. (HDIV; 4 cr. ; S-N only; Every Spring)

Students teach for a period of 4 weeks demonstrating application of approaches to teaching and learning in preprimary grades under the guidance of a cooperating teacher and University supervisor. [Note: special fee required] prereq: 3201, 3203, 3211, passing scores on basic skills exams or instr consent

ELED 4207. Directed Student Teaching in Middle Level Classroom. (HDIV; 4 cr. ; S-N only; Every Spring)

Students teach for a period of 4 weeks demonstrating application of approaches to teaching and learning in middle level grades under the guidance of a cooperating teacher and University supervisor. [Note: special fee required] prereq: 3202, 3212, appropriate methods course, passing scores on basic skills exams or instr consent

ELED 4993. Directed Study. (1-5 cr. [max 10 cr.]; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

English (ENGL)

ENGL 1001. Fundamentals of Writing. (4 cr. ; Student Option; Every Fall)

Intensive practice in the fundamentals of writing. Students learn and apply strategies for generating, organizing, revising, and editing their writing. [Note: does not fulfill the Writing for the Liberal Arts (WLA) requirement]

ENGL 1028. Introduction to Popular Literature: Science Fiction. (HUM; 4 cr. ; Student Option; Periodic Fall)

Introduction to popular literature in a variety of styles and forms with emphasis on analysis and context. [Note: no credit for students who have received cr for Engl 2014]

ENGL 1029. Introduction to Popular Literature: Detection and Espionage in Fiction and Film. (HUM; 4 cr. ; Student Option; Fall Even Year)

Examination of the detective and espionage genres in relation to 20th-century social and geopolitical pressures. [Note: no cr for students who have received cr for Engl 2061]

ENGL 1126. Introduction to Children's Literature. (HUM; 4 cr. ; Student Option; Periodic Fall)

Surveys development of major genres and conventions of British and American children's literature over last 200 years, with particular attention to transforming ideas of childhood, adolescence, and gendered identities of boyhood and girlhood. Introduces skills and frameworks for thinking critically about literature and its cultural stakes.

ENGL 1127. Science in Literature. (HUM; 4 cr. ; Student Option; Fall Even Year)

Science and scientists play a crucial role in many excellent works of literature. In this course, students will examine and write about the way creative writers use science and scientists in their fiction.

ENGL 1205. Survey of British Literature to the 18th Century. (HUM; 4 cr. ; Student Option; Every Fall)

Readings in English poetry, prose, and/or drama from the beginnings to the 18th century. Specific authors vary.

ENGL 1206. Survey of British Literature from the 18th Century Forward. (HUM; 4 cr. ; Student Option; Every Spring)

Readings in English poetry, prose, and/or drama from the 18th century to the present. Specific authors vary.

ENGL 1211. Survey of American Literature to the Civil War. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

Study of important texts, canonical and non-canonical, and important periods and movements that define the colonial and U.S. experience up to 1865.

ENGL 1212. Survey of American Literature from the Civil War Forward. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

Study of selected historical and literary texts in U.S. literature, canonical and non-canonical, from 1865 to the present.

ENGL 1403. Sports Literature and Writing. (ART/P; 4 cr. ; Student Option; Periodic Fall)

Introduction to sports literature and sports writing, including exploration of rhetorical modes and techniques.

ENGL 1404W. Topics in Writing: Introduction to Creative Writing. (WE,ART/P; 4 cr. ; Student Option; Every Fall)

Introduction to the basic elements of creative writing, including exploration of poetry, story, and journal writing. Practice with techniques such as dialogue, description, voice, and style.

ENGL 1509. Literary Studies. (HUM; 4 cr. ; Student Option; Every Fall & Spring)

An introduction to the tools and methods of literary analysis, including the vocabulary of criticism, the techniques of close reading, and

the conventions of literary argumentation. Primarily for English majors and minors. A prerequisite to advanced courses in English.

ENGL 1601. Writing for the Liberal Arts. (WLA; 4 cr. ; Student Option; Every Fall & Spring)

Instruction in academic writing: analysis, argument, inquiry, research, scholarly conversation, clarity, style. Emphasis on writing processes: plan, draft, review, rewrite, revise. Development of information literacy: identify, locate, evaluate, cite, and use electronic and print resources. Workshops with peers and instructor.

ENGL 1802. You're Here! Where's Here?: Reading the Prairie. (IC; 2 cr. ; Student Option; Every Fall)

Explore the idea of place and the nature of the place that is the western Minnesota prairie through film, art, and readings by writers such as Bill Holm, Paul Gruchow, Meridel LeSueur, Adrian Louis, Robert Bly, Thomas McGrath, and Carol Bly. [Note: field trips outside of class are required; credit will not be granted if cr has been received for IS 1813] prereq: new college student in their first semester of enrollment at UMM

ENGL 1803. Shakespearean Adaptations. (IC; 4 cr. ; Student Option; Periodic Fall)

Read four Shakespeare plays and watch a range of contemporary film adaptations of each one. The course also incorporates discussion (about the texts, the nature of adaptation, Shakespeare's celebrity, etc.) and addresses skills essential to academic success (research, collaboration with peers, analytical writing, etc.). prereq: new college student in their first semester of enrollment at UMM

ENGL 1804. The American Graphic Novel. (IC; 4 cr. ; Student Option; Periodic Fall)

Introductory survey of the recent rise of graphic novels. In addition to discussing the aesthetic possibilities afforded by the medium of sequential art, study several celebrated graphic novels in their cultural contexts, and read criticism that situates them in relation to broader issues of representing identity in current popular culture. prereq: new college student in their first semester of enrollment at UMM

ENGL 1805. Environmentalism in Science Fiction and Fantasy. (IC; 4 cr. ; Student Option; Periodic Fall)

An exploration of environmental representations, ideas, and themes within science fiction and fantasy literature. Also features an introduction to basic environmental theories in literature. Assignments include reading novels, short stories, academic articles, and writing both critical and creative pieces. prereq: new college student in their first semester of enrollment at UMM

ENGL 1806. Social Justice Literature and Film. (IC; 4 cr. ; Student Option; Periodic Fall)

Students read literature and watch a range of contemporary films about issues of social justice. The course also incorporates discussion (about the texts and films) and addresses skills essential to academic success

(research, collaboration with peers, analytical writing, etc.). prereq: new college student in their first semester of enrollment at UMM

ENGL 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ENGL 2015. Introduction to Film Studies. (HUM; 4 cr. ; Student Option; Periodic Spring)

Develops students' abilities to view films critically and to deepen their understanding of the film experience. Begins with critical analysis skills and terminology, then takes up the study of genres and styles, including documentaries and foreign films. [Note: weekly lab required for viewing films] prereq: 1601 or 2109 or equiv or declared English major

ENGL 2031. Gender in Literature and Culture. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring)

Introduction to literary and cultural representations of gender. Emphasis on the intersections between power and the social relations of gender, race, class, and sexuality. prereq: 1601 or 2109 or equiv or declared English major

ENGL 2033. The Bible and Literature. (HUM; 4 cr. ; Student Option; Periodic Fall)

Introduction to the role of the English Bible in the western literary tradition. Readings include key Biblical narratives, as well as English and American literary texts that are either deeply influenced by these stories or attempt to rewrite them. prereq: 1601 or 2109 or equiv or declared English major

ENGL 2034. Contemporary Literature from India and the Caribbean. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)

Exploration of contemporary literature in English from India and the Caribbean. [Note: no credit for students who have received credit for Engl 3174]

ENGL 2041. Introduction to African American Literature. (HDIV; 4 cr. ; Student Option; Periodic Spring)

Introduction to issues and themes in African American literature and culture, with emphasis on historical and cultural context. prereq: 1601 or 2109 or equiv or declared English major

ENGL 2059. Introduction to Shakespeare. (HUM; 4 cr. ; Student Option; Spring Even Year)

A careful reading of a representative selection of Shakespeare's poetry and plays (including histories, comedies, tragedies, and romances). Consideration of generic and dramatic conventions, cultural contexts, literary elements, and performance choices on stage and in film. Serves non-majors as well as majors. prereq: 1601 or 2109 or equiv or declared English major

ENGL 2106. Topics in Writing: The Environmental Imagination: Reading and Writing about the Natural World. (ENVT; 4 cr. ; Student Option; Periodic Fall & Spring)

Writing about the environment. Students learn to use the rich possibilities of language

to express their responses to nature and convey to others the importance of close contact with the natural world. Readings in poetry and prose, discussion of technique, and experimentation with a variety of styles and literary forms. prereq: 1601 or 2109 or equiv

ENGL 2108. Writing With Style. (2 cr. ; Student Option; Periodic Spring)

Students identify key elements of the writing styles they want to practice; learn about the rhetorical effects of words, sentence structures, and emphasis patterns; revise their own sentences to be more clear, concise, and coherent--or witty, satirical, elaborate, elegant. prereq: 1601 or 2109 or equiv

ENGL 2109W. Reading and Writing the Essay. (WE; 4 cr. ; Student Option; Every Fall & Spring)

Through focus on the essay form, this course helps writers further develop skills in expository and persuasive writing for a variety of audiences. Work includes reading critically, forming and developing claims, and evaluating the quality and sufficiency of evidence and other forms of support for an argument. Emphasis is placed on process: generation of ideas, development of support, peer-reviewing, conferences, and revision. Readings may include academic, historical, and popular essays.

ENGL 2111. Reading and Writing Fantasy. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

This hybrid literature and creative writing course examines the history and development of fantasy literature. Students will explore and experiment with the critical and artistic possibilities of fantasy through both course readings and their own creative and academic writing. prereq: 1601 or equivalent

ENGL 2162. Careers for Writers. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

Students develop non-academic writing skills transferable to careers in publishing, journalism, freelance writing/editing, marketing communications, public relations, the nonprofit sector, and others. The course is designed for students both inside and outside of the English major. Students analyze theories and strategies of effective communication, and develop their skills by practicing writing in several professional modes, including marketing materials, features, news releases, website and social media content, and more. prereq: 1601 or 2109 or equiv

ENGL 2173. The Nature Essay: Writing and Reading Creative Non-fiction about the Natural World. (ENVT; 4 cr. ; Student Option; Periodic Spring)

Students write creative non-fiction centered on the natural world and read the work of noted essayists in the field such as Henry David Thoreau, Gretel Ehrlich, Scott Russell Sanders, Kathleen Dean Moore, and Terry Tempest Williams. prereq: 1601 or 2109 or equiv

ENGL 2411. Representations of American Indians in Popular and Academic Culture. (HDIV; 4 cr. ; Student Option; Periodic Fall)

Study of representations of American Indians in American popular and academic culture including literature, films, and sports. Particular attention given to how Indian identity, history, and cultures are represented in pop culture by non-Indians and, more recently, Indians themselves. prereq: 1601 or 2109 or equiv or declared English major

ENGL 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ENGL 3005. Understanding Writing: Theories and Practices. (HUM; 4 cr. ; Student Option; Every Fall) Introduction to composition theory: generating, composing, revising, and responding to writing; conventions across disciplines; strategies for teaching and tutoring writing. Weekly short assignments; three formal papers, written and revised in stages; oral presentation of research. Required for first-semester Writing Room staff. prereq: 1601 or 2109 or equiv, soph standing, instr consent, coreq IS 3720 for students working in the Writing Room

ENGL 3012. Advanced Fiction Writing. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring) For experienced writers. Focus on developing skills and mastering creative and technical elements of writing fiction. prereq: 1404 or instr consent

ENGL 3015. Advanced Poetry. (ART/P; 4 cr. ; Student Option; Periodic Spring) A creative writing class. Practice with the different elements of poetry (sound, rhythm, imagery, voice, line) and exploration of the ways contemporary poets use and transform traditional forms and techniques. prereq: 1404 or instr consent

ENGL 3021. Grammar and Language. (HUM; 4 cr. ; Student Option; Every Fall) Study of the English language. Historical development and current structure. Includes language variation and change, social history of language, phonology, syntax, semantics, development of English grammar, prescriptive versus descriptive grammar, and contemporary theories of grammar.

ENGL 3032. Creative Nonfiction Writing. (ART/P; 4 cr. ; Student Option; Periodic Spring) For experienced writers. Focus on understanding and practicing the rhetorical and stylistic choices available to writers of creative nonfiction, especially decisions about structure, pacing, language, style, tone, detail, description, and narrative voice. prereq: 2121 or instr consent

ENGL 3043. Medieval Makings of Tolkien's Worlds. (4 cr. ; Student Option; Periodic Fall & Spring) Texts in Old and Middle English, as well as some Welsh, Old Irish, and Old Norse ones, are the basis for this course, framed by references and uses in the fiction of J. R. R. Tolkien, one of the most influential fantasy

writers of the 20th century and a scholar of medieval literature. (Readings will be mostly medieval literature.) prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3062. Carbon Energy Literatures: Energy, Climate, and Crisis in the 20th and 21st Century. (ENVT; 4 cr. ; Student Option; Periodic Spring)

The rapid rise of the fossil fuel industry has been a defining historical condition of the last century. As a consequence, we face global climate change. In this context, students will study the relationship between energy production and consumption, labor and capital, and human environmental impact as they are represented in literature. Prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212 or instr consent

ENGL 3063. Environmental Justice Literatures. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring) Environmental justice is the struggle for equity and fairness in the distribution of environmental risks and benefits. This class examines the literature of this struggle. In the process of reading fiction, nonfiction, poetry, drama, films, visual art, and other types of texts, students learn to bring social, political, and ethical questions of environmental studies to representations of humans in their relationships to nature. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212 or instr consent

ENGL 3064. Queer Literatures. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring) This course will focus on some key moments in queer storytelling since the advent of gay liberation: working-class and women-of-color feminisms; literatures of HIV/AIDS; trans liberation; and disability justice, among others. We will encounter poems, essays, novels, theory, and/or plays, and also music, visual art, and films by a diverse range of queer writers and artists. prereq: 1509, two from 1205, 1206, 1211, 1212

ENGL 3153. Gothic Literature. (4 cr. ; Student Option; Periodic Fall) The cultural origins of gothic literature in tension with the neoclassical values of 18th-century Britain and its persistent influence over the next two centuries (including its relationship to modern horror fiction and film). Emphasis on the ways gothic tales encode cultural anxieties about gender, class, and power. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3154. 19th-Century British Fiction. (4 cr. ; Student Option; Periodic Fall & Spring) The rise of the novel to respectability and prominence in Britain from the Romantics to the Victorians. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3155. 20th-Century British Fiction. (4 cr. ; Student Option; Periodic Fall & Spring) Major novelists from the Modernist period and after, focusing on the historical context of the new challenges to literary tradition. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3156. Modern Irish Literature. (4 cr. ; Student Option; Periodic Spring)

The poetry, fiction, and drama of Irish writers from 1890-1927, with attention to the ways that literature shaped a national identity. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3157. English Renaissance Drama. (4 cr. ; Student Option; Periodic Fall) A thorough study of the early modern English theater, including readings of 16th- and 17th-century plays and consideration of the literary and cultural contexts that informed them. Special attention is given to the works of Shakespeare's contemporaries, such as Marlowe, Jonson, Cary, Middleton, and Webster. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3159. Shakespeare: Studies in the Bard. (4 cr. ; Student Option; Spring Odd Year) A topics-based study of Shakespeare's works and other pertinent texts. Sample topics include "Shakespeare's Women," "Dangerous Rhetoric in Shakespeare," and "Shakespeare and His Sources." Attention is given to historical and literary contexts, and students are asked to consider Shakespeare's work as it is read as well as performed. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3163. Life in a Medieval City: Literature and Culture in York, 700-1500. (HUM; 4 cr. ; Student Option; Periodic Summer) Travel to York, England, to study the literature and history of the city from Anglo-Saxon times to the end of the Middle Ages. Focus on the role that York played as the second city of medieval England, emphasizing the diverse cultural influences on the city. Day trips to historically significant sites in the vicinity of York. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212 or instr consent

ENGL 3165. Seventeenth-Century Revolutions. (4 cr. ; Student Option; Periodic Fall) An in-depth study of how 17th-century British literature represents and responds to the numerous revolutionary changes of the time, including political, religious, sexual, cultural, and genre-based upheavals. Writers to be considered may include Philip Sidney, John Donne, Mary Wroth, George Herbert, Margaret Cavendish, Aphra Behn, and John Milton. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3166. Postcolonial Literature. (4 cr. ; Student Option; Periodic Fall & Spring) Study of literature as site of cultural conflict during and after imperial encounters, from the perspectives of both colonizers and colonized peoples. Particular focus on Britain and its former colonies. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3168. Victorian Literature and Culture. (4 cr. ; Student Option; Every Spring) Studies an array of 19th-century literary forms, including fiction, poetry, drama, and prose, in their social and political contexts. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212 or instr consent

ENGL 3171. The Literature of Creative Nonfiction. (4 cr. ; Student Option; Periodic Summer)

Explore the genre of creative nonfiction as a literary tradition and help to articulate what creative nonfiction is (as well as what it isn't). Students collaborate in creating working definitions for the genre and prepare projects in which they curate and present a list of readings in the genre. prereq: 1509 (or 2501)

ENGL 3172. American Utopian Literature. (4 cr. ; Student Option; Periodic Fall)

Americans have always been drawn to visions of transformation even as they shrink from imagined dangers. Investigate American literary responses to utopian possibilities and how that literature has shaped and continues to influence the American sense of the possible. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3173. Contemporary British Literature. (4 cr. ; Student Option; Periodic Spring)

Exploration of contemporary British literature, with emphasis upon a diversity of new voices. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212 or instr consent

ENGL 3175. Social Justice Biofiction. (HUM; 4 cr. ; Student Option; Periodic Spring) Biofiction is literature that names its protagonist after an actual person, and many authors use this figure to advance social justice. Students examine social justice biofiction from its inception to the present. prereq: 1509, two from 1205, 1206, 1211, 1212

ENGL 3261. Modern British and American Poetry. (4 cr. ; Student Option; Periodic Fall) A study of the continuities and break with traditions in 20th-century poetry. Focus on innovations and experiments in form and theme. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3262. 20th- and 21st-Century American Poetry: From Modern to Contemporary. (HDIV; 4 cr. ; Student Option; Periodic Fall)

Study of the radical shifts in poetry and poetics in 20th- and 21st-century America. Students will study movements such as Imagism, the Harlem Renaissance, the Modernist long poem, Objectivism, the New American Poetry, L=A=N=G=U=A=G=E poetry, multicultural poetry, conceptual poetry, LGBTQ poetry, ecopoetics, contemporary Native American poetry, and more. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3301. U.S. Multicultural Literature. (HDIV; 4 cr. ; Student Option; Periodic Spring) Examination of literatures by African American, American Indian, Asian American, Chicana/o, U.S. Latino/a, and other under-represented peoples. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212 or instr consent

ENGL 3311. American Indian Literature. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring) Study of American Indian literature written in English. Particular attention given to language,

identity, land, and sovereignty. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212 or instr consent

ENGL 3312. World Indigenous Literature and Film. (HDIV; 4 cr. ; Student Option; Spring Odd Year) Comparative study of indigenous literature and film from North America, New Zealand, and Australia with particular emphasis given to issues of political and cultural sovereignty, cultural appropriation, self-representation, and colonial nostalgia. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212, or instr consent, or Amln major

ENGL 3331. African American Literature. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring) Study of African American literature. Particular attention given to issues of gender, class, power, "passing," and the racialized body. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3332. African American Women Writers. (HDIV; 4 cr. ; Student Option; Periodic Fall) If African Americans struggled to achieve equality and recognition in the racist United States, the situation was even more difficult for African American women, who had to contend with the sexism in both the white and black communities. This course examines the writings of prominent African American women. prereq: 1601 or 2109 or equiv or instr consent

ENGL 3411. Critical Approaches to Literature. (4 cr. ; Student Option; Periodic Fall) An introduction to the major schools of literary theory and cultural analysis; particular attention to the ways in which the dialogue and debate between these approaches define the discipline of literary criticism. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3414. Feminist Theory. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring) Same as GWSS 3414. Engages students in a critical examination of several influential works participating in the elaboration of feminist theories. Readings and discussions focus on a series of themes and issues--gender, sexuality, race, class, language, bodies, etc.--and how these issues bear upon society. prereq: [1509 (or 2501), two from 1205, 1206, 1211, 1212] or [GWSS 1101]

ENGL 3522. Harlem Renaissance. (HDIV; 4 cr. ; Student Option; Fall Even Year) During the 1920s, there was a major aesthetic outpouring in the African American community. Listen to jazz, examine African American artwork, and read poetry, short stories, novels and essays from Harlem Renaissance writers. prereq: 1509 (or 2501), two from 1205, 1206, 1211, 1212

ENGL 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ENGL 4004. Research Seminar: Old English Literature and Language. (4 cr. ; Student Option; Periodic Fall & Spring) Prose and poetry of early medieval England (650-1100) in translation and in Old English (which is studied), with attention to material (manuscripts) and cultural contexts and to reception history. prereq: two from 31xx-35xx, instr consent

ENGL 4012. Research Seminar: Environmental Literature and Theory. (4 cr. ; Student Option; Periodic Fall & Spring) Study of environmental literature and theory and an examination of the ways that the languages of different disciplines shape and transform understanding of ecology. Students read literature, philosophy, culture criticism, environmental history, an science writing. prereq: two from 31xx-35xx, instr consent

ENGL 4017. Research Seminar: Tricksters-Conjurers in American Indian and African American Literature. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring) Study of tricksters and conjurers in American Indian and African American literature, in particular their ability to maintain traditional practices and subvert the dominant culture and imposed cultural norms. Special attention given to cultural and historical contexts and questions of power, identity, cultural difference, and assimilation. prereq: two from 31xx-35xx, instr consent

ENGL 4023. Research Seminar: Nationalism and Irish Literature. (4 cr. ; Student Option; Periodic Fall & Spring) Examination of 20th-century Irish literature through the lens of cultural nationalism. How questions of language, race, culture, and colonial history make the idea of Ireland problematic. Exploration of a diverse host of writers interested in Irish myths, ideals, and identities with research from Irish and postcolonial studies. prereq: two from 31xx-35xx, instr consent

ENGL 4027. Research Seminar: Dickens and Criticism. (4 cr. ; Student Option; Periodic Fall) Multiple novels by Dickens in their historical context with sustained attention to recent critical analysis of his work. prereq: two from 31xx-35xx, instr consent

ENGL 4028. Research Seminar: Inventing a Nation: Early American National Literature. (4 cr. ; Student Option; Periodic Spring) At the end of the Revolution, Americans set out to create a literature that would define the new nation. Writers adapted old forms and invented new ones in an effort to make American writing distinct and somehow reflective of the nation's values. This course explores those efforts, including drama, novels, magazine writing, and their contexts. prereq: two from 31xx-35xx, instr consent

ENGL 4031. Research Seminar: Renaissance Romance. (4 cr. ; Student Option; Periodic Fall) An intensive study of the ever-controversial and paradoxical romance genre of 16th- and 17th-century England. Texts include Sir

Philip Sidney's "Arcadia," Lady Mary Wroth's "Urania," Robert Greene's "Menaphon," and William Shakespeare's "The Winter's Tale," among others. prereq: two from 31xx-35xx, instr consent

ENGL 4032. Research Seminar: Transnational Theory and Literatures. (4 cr. ; Student Option; Periodic Spring)

An intensive study of transnational literature and theory from the turn of the 20th century to the present, emphasizing the movement of marginalized subjects to the center of cultural expression, the intertwining of cultures in contact zones, and the forms of identity emerging from these modern, hybrid cultures. prereq: two from 31xx-35xx, instr consent

ENGL 4034. Research Seminar: The Adventure Novel in American and British Literature. (4 cr. ; Student Option; Fall Odd Year)

Survey of adventure fiction in the Anglo-American tradition from Walter Scott through the mid 20th century, paying particular attention to themes that shaped this tradition, including imperialism and revisions of masculine identity. prereq: two from 31xx-35xx, instr consent

ENGL 4035. Research Seminar: Booker Watch: Contemporary British Literature and the Emergence of Canonicity. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)

Comparison of leading contenders for the annual Booker Prize. Student research encompasses the history and controversies that have surrounded the Booker, the generic and national traditions favored in the prize, and the emergence of canonicity through the awarding of the prize. prereq: two from 31xx-35xx, instr consent

ENGL 4037. Research Seminar: The Biographical Novel. (4 cr. ; Student Option; Spring Odd Year)

Before the 1970s, there were only a handful of acclaimed biographical novels, but since the 1980s, this genre of fiction has become incredibly popular. Examine what led to the rise of the biographical novel across the globe and examine a variety of such novels. prereq: two from 31xx-35xx, instr consent

ENGL 4038. Research Seminar: Writing Early Ireland. (HUM; 4 cr. ; Student Option; Periodic Fall)

Study of key texts in Ireland's literary history pre-1800, including 8th-century epic *The Tain Bo Cuailnge*, excerpts of Edmund Spenser's *The Faerie Queene* and *A View of the State of Ireland*, and Maria Edgeworth's novel *Castle Rackrent*. Especially covers what it means to "write" Ireland and how that changes based on time, national identity, and gender. prereq: two from 31xx-35xx, instr consent

ENGL 4039. Research Seminar: Feminist and Queer Storytelling. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring)

This class will focus on key moments in LGBTQ+ storytelling since the advent of gay liberation: working-class and women-of-color feminisms; literatures of HIV/AIDS; 90s feminisms; trans liberation; and disability justice. We will encounter poems, essays, novels, theory, plays, films, and more by a

diverse range of writers and artists. prereq: two from 31xx-35xx, instr consent

ENGL 4040. Research Seminar: Recent Debates About Fiction. (4 cr. ; Student Option; Periodic Fall & Spring)

This seminar explores recent debates over the nature, purpose, ethics, and practice of contemporary fiction. We will examine how authors and critics have debated questions about voice, representation, genre, and other issues in relation to contemporary fiction in English. prereq: two from 31xx-35xx, instr consent

ENGL 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

English Education Methods (ENGE)

ENGE 4121. Methods of Teaching Communication Arts and Literature in the Middle and Secondary School. (4 cr. ; A-F only; Every Fall)

Objectives, curricula, special methods, materials, and evaluation appropriate for teaching communication arts and literature in the middle and secondary school. prereq: admission to the secondary teacher education program or elementary education program, coreq SeEd 4102, SeEd 4103 or prereq ELED 3202, ELED 3212

Environmental Science (ESCI)

ESCI 1131. Renewable Energy With Biomass Gasification. (SCI-L; 3 cr. ; Student Option; Every Summer)

Principles of biomass gasification with a focus on chemical, biological, and economic considerations of biomass energy production. Features hands-on training in chemistry and biomass with classroom and lab activities. Prereq-Math 0901 or placement beyond Math 0901 using ACT/placement exam or instr consent.

ESCI 2201. Field Experience in Environmental Challenges of the Italian Alps. (ENVT; 4 cr. ; Student Option; Summer Even Year)

Study of the impact of geologic processes such as tectonism, mass movement, and flooding; understanding climate change through the observation of vegetation changes and glacier fluctuations; soil and water resources and the archaeological record of the nature of human settlements in the Alps.

ESCI 3111. Evolution of the Minnesota Prairie. (SCI-L; 4 cr. ; Student Option; Fall Odd Year)

Interpretation of the geologic, geochemical, climatologic, and paleontological records of western Minnesota to reconstruct the origin and history of the landscape, flora, and fauna during the last 15,000 years. Topics include: climate, deglaciation, large lakes, vegetation changes, late Pleistocene mammals, peopling

of the upper Midwest, and extraterrestrial impact events in the upper Midwest. (3 hrs lect, 3 hrs lab, and field trip) prereq: Geol 1101 or EnSt 2101 or instr consent

ESCI 3196. Environmental Science Field Camp. (SCI; 2-4 cr. ; Student Option; Every Fall, Spring & Summer)

An educational experience in a field or internship setting focusing on identification and solution of environmental science problems in an environmental field, including environmental geology, hydrology, environmental chemistry or environmental biology. A course syllabus or written plan of work must be approved by the Environmental Science Advisory Committee before registration. Prereq-jr status

ESCI 4901. Environmental Science Senior Seminar I. (; 1 cr. ; A-F only; Every Fall)

Capstone experience in environmental science. Identification and selection of individual research topics and related bibliographic resources; development of skills in the reading of environmental science literature (assessing data, recognizing gaps in the research findings, identifying problems in research conclusions). Discussion of selected topics of environmental interest. prereq: instr consent

ESCI 4902. Environmental Science Senior Seminar II. (; 1 cr. ; A-F only; Every Spring)

Capstone experience in environmental science. Completion of research, assessment of information or data, and formulation of conclusions on the research topic selected. Presentations of research projects. prereq: 4901, instr consent

Environmental Studies (ENST)

ENST 1101. Environmental Problems and Policy. (ENVT; 4 cr. ; Student Option; Every Fall & Spring)

An introduction to the ways in which state, national, and international political systems deal with environmental issues and goals. The development of environmental governance, the regulatory and economic tools of environmental policy, and the impact of institutions, culture, social movements, and historical development.

ENST 1801. Introduction to Sustainability through Science Fiction. (IC; 4 cr. ; Student Option; Periodic Fall)

Learn about sustainability by considering a variety of works of science fiction. Through review and discussion of comic books, literary works, movies, and TV shows, students think about how human or societal development can happen in a way that enables future generations to thrive.

ENST 2102. Diversity of Agricultural Production Systems. (ENVT; 3 cr. ; Student Option; Periodic Spring)

Examination of agricultural production systems, including organic, alternative, and conventional systems. History of production systems and their implications for producer lifestyles, social and natural environments, and economics at local to global scales. Includes farm visits, producer interviews, group projects, and classroom presentations and debates in addition to lectures and readings. Includes a

two-week capstone session at the West Central Research and Outreach Center, Morris.

ENST 2201. Practicum in Sustainable Agriculture. (2 cr. ; S-N only; Periodic Fall, Spring & Summer)

Hands-on practical experience on a sustainable farming operation. Topics may include fencing, composting, nutrient management, nutrition management, breeding, companion planting, plant propagation, pruning, pest management, viticulture, and others.

ENST 3001. Water Resources Policy.

(ENVT; 4 cr. ; Student Option; Fall Even Year) An examination of fundamental contemporary water resource challenges. Units on water quality (e.g., drinking water) and quantity (e.g., irrigated agriculture) encourage critical evaluation of local, national, and international water resources policy in the contexts of environmental quality, human health, and technology. (two 100 min discussions) prereq: 1101 or Pol 1201 or Pol 1401 or instr consent

ENST 3101. Industrial Ecology. (4 cr. ; Student Option; Fall Odd Year)

Systems thinking in the context of industrial/environmental issues. Methods or frameworks including life cycle analysis and design for disassembly, guide an examination of product design, material choice, and flows of energy and resources into, through, and from industrial cycles. [Note: no credit for students who have received cr for EnSt 4101] prereq: 1101, Econ 1111, Geol 1101, Stat 1601, or instr consent

ENST 3112. Climate Change and Moral Responsibility. (ENVT; 4 cr. ; Student Option; Every Spring)

Considers the moral responsibilities that citizens have regarding climate change. Includes: 1) tours and discussion of local green infrastructure; 2) panel discussions by professionals and practitioners from the community who will share their expertise; and 3) discussion of the most recent work on climate ethics. prereq: 4 cr of EnSt or instr consent

ENST 3201. Environmental Justice. (E/CR; 4 cr. ; Student Option; Periodic Fall)

Environmental justice has shifted the way that scholars, activists, and policy makers understand and address environmental problems. Core environmental concerns such as pollution and climate change are now also understood to be social justice problems. Considers development of the environmental justice movement and key contemporary environmental justice problems. prereq: 4 cr of EnSt or instr consent

ENST 3302. Representation and the Anthropocene. (4 cr. ; Student Option; Periodic Fall & Spring)

In what ways can we discover, find wonder in, and produce creative, engaging work about climate change and the Anthropocene. What does it mean to foreground humans in a geologic epoch, and how do we consider non-human beings? This interdisciplinary environmental studies/art course will teach students new ways of seeing and representing climate change in the landscape, locally and beyond. prereq: 1101 or instr consent

ENST 3988. Environmental Studies Pre-Internship Seminar. (; 1 cr. ; S-N only; Every Fall)

Preparation for the environmental studies internship, including attending and writing reflections on presentations by post-internship students, and developing ideas and opportunities for the ENST internship. Students should enroll in this course in fall of sophomore or junior year prior to completing the ENST internship. prereq: 1101

ENST 3989. Environmental Studies Post-Internship Seminar. (; 1 cr. ; A-F only; Every Fall)

Culmination of the environmental studies internship. Includes preparing a final paper and delivering a public presentation on the internship experience. Assessment is based on the quality of the final products and on class participation. prereq: 3988 or instr consent

ENST 3996. Internship/Field Experience in Environmental Studies. (2-4 cr. ; S-N only; Every Fall, Spring & Summer)

An educational experience in a work, research, and/or field setting that provides practical application of the student's theoretical classroom learning experiences. A written plan of work must be approved by the Environmental Studies Internship Coordinator before registration. Prereq: Jr status or instr consent

ENST 4901. Senior Capstone Experience. (; 4 cr. ; A-F only; Every Spring)

Students engage in an individual and/or group problem solving project on a multidisciplinary topic germane to Environmental Studies and present results in a public forum. prereq: 3989 or 3996, sr status or instr consent

Foreign Studies (FOST)

FOST 3000. Study Abroad. (; 0-18 cr. [max 90 cr.] ; S-N only; Every Fall, Spring & Summer)

Study abroad outside program placeholder course. prereq: dept consent

French (FREN)

FREN 1001. Beginning French I. (; 4 cr. ; Student Option; Every Fall)

An introduction to the grammar, vocabulary, and cultural information necessary for communicating with the nearly 275 million French-speaking people on every continent of the world.

FREN 1002. Beginning French II. (WL; 4 cr. ; Student Option; Every Spring)

This course builds on the skills developed in French 1001 to move students towards fluency and a greater ability to interact with diverse French and Francophone peoples across the globe and here in the United States. prereq: C- or better in 1001 or placement or instr consent

FREN 1021. July in Paris I: French Language and Culture in Paris. (IP; 4 cr. ; A-F only; Summer Even Year)

Four weeks of intensive beginning French language and culture at the Sorbonne, Paris IV; guided visits to cultural and historical sites.

UMM July in Paris course for students with no French experience or less than one semester of college-level French. Does not satisfy FL Gen Ed requirement. See also Fren 1023 and 3060: July in Paris II and III: French Language and Culture in Paris.

FREN 1023. July in Paris II: French Language and Culture in Paris. (WL; 4 cr. ; A-F only; Summer Even Year)

Fren 1002 equivalent for the July in Paris Program. Four weeks of intensive beginning French language and culture at the Sorbonne, Paris IV; guided visits to cultural and historical sites. Satisfies UMM language requirement. See also Fren 1021 and 3060: July in Paris I and III: French Language and Culture in Paris prereq: 1001 or placement

FREN 1031. Modern Studies: The Modern Body in France. (SS; 2 cr. ; Student Option; Periodic Fall & Spring)

Beginning with Vesalius, this course examines how the notions of body and mind have been shaped and reshaped in tandem with the rise of the sciences in France, with emphasis on evolving conceptions of ability and disabilities. Taught in English. Meets Modern Studies (MOS) requirement in the French major. prereq: (or coreq) 3011 or instr consent

FREN 1311. Sub-Saharan Francophone Cinema. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)

Introduction to the history of cinema in French-speaking West Africa. Students learn to read African films, to recognize and analyze political themes in the films, and to become sensitive to issues facing many African nations in the postcolonial world. All films have English subtitles. Taught in English. Meets Francophone Studies (FRS) requirement for the French major. [Note: does not count toward the Fren minor]

FREN 1803. Fairies and Warriors: Medieval Legends and Fictions. (IC; 2 cr. ; Student Option; Periodic Fall)

Students learn about different primary and secondary sources in conjunction with various genres of medieval fiction. Introductions to various languages, library sources, and historical context inform the study of texts, as well as what made someone a fairy, a knight, or a warrior in literature between the 11th and 15th centuries. prereq: new college student in their first semester of enrollment at UMM

FREN 1804. Medieval Myths, Religions, and Fantasy through Literature. (IC; 4 cr. ; Student Option; Periodic Fall)

Students read various genres of medieval fiction as well as religious and historical texts. Introductions to medieval languages, library sources, and historical and cultural context inform the study of texts, with a focus on the presence of mythology, religion, and fantasy in literature from the 11th to 15th centuries. prereq: new college student in their first semester of enrollment at UMM

FREN 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a

faculty member for academic credit in areas not covered in the regular curriculum.

FREN 2001. Intermediate French I. (IP; 4 cr. ; Student Option; Every Fall)

This course moves students towards the expression of abstract thought in French. By studying more complicated linguistic and cultural structures, students gain the skill to discuss hypothetical and theoretical ideas, which is a key component of real conversations with French speakers. Fren 2001 similarly expands students' ability to read more complex texts and to express their own ideas in writing. prereq: 1002 or placement or instr consent

FREN 2002. Intermediate French II. (IP; 4 cr. ; Student Option; Every Spring)

This course prepares students to launch into studying French and Francophone literature and cultures, and to put their linguistic skills to practice by studying abroad in a French-speaking country. In preparation for those opportunities, students continue to work on grammar and vocabulary while writing creative stories and reading and discussing children's books, youth literature, and other texts appropriate to this level. prereq: 2001 or placement or instr consent

FREN 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

FREN 3002. MEMS: Civilization and Composition: Tools for Studying the Medieval and Early Modern Periods. (HIST; 2 cr. ; Student Option; Periodic Fall & Spring)
Study Paris as the center of society, culture, religion, and literature from 1100-1300, while also refining the ability to write academic papers and engaging in academic discussions in French. Read primary texts about religion, mythology, and Classical epics that form the foundation of much of medieval French literature. Meets Medieval and Early Modern Studies (MEMS) requirement in French major. prereq: 2002 or instr consent

FREN 3003. Modern Studies: Civilization and Composition: France Since the Enlightenment. (HIST; 2 cr. ; Student Option; Periodic Fall & Spring)
A study of French culture from the Enlightenment period up to contemporary society. Study the development of the French nation while also refining the ability to write academic papers and to participate in academic discussions in French. Meets the Modern Studies (MOS) requirement for the French major. prereq: 2002 or instr consent

FREN 3004. Francophone Studies: Civilization and Composition: Colonialism and Francophone Worlds. (HIST; 2 cr. ; Student Option; Periodic Fall & Spring)
A study of the history of French colonialism and of the development of la Francophonie as an association of French-speaking countries outside of France. An introductory exploration into the cultures, literatures, and current events

of multiple francophone countries and regions throughout the world. Meets Francophone Studies (FRS) requirement in French major. prereq: 2002 or instr consent

FREN 3011. Introduction to French and Francophone Literature. (HUM; 4 cr. ; Student Option; Every Fall)

A survey of literature from France and from across the Francophone world. Study poetry, novels, theater, and film, and develop reading skills and methods of analysis. prereq: 2002 or instr consent

FREN 3060. July in Paris III: French Language and Culture in Paris. (IP; 4 cr. [max 8 cr.] ; A-F only; Summer Even Year)

Four weeks of intermediate or advanced French-language study at the Sorbonne, Paris IV; guided visits to cultural and historical sites. UMM July in Paris course for students who have had a minimum of one year of college-level French. See also Fren 1021 and Fren 1023: July in Paris I and II: French Language and Culture in Paris. prereq: 1002 or equiv

FREN 3108. Community Translation and Interpretation for French Speakers. (1 cr. [max 4 cr.] ; Student Option; Every Fall)

This course pairs with Hum 3108: Community Interpreting and represents the opportunity to continue to build bilingual skills in French and English for the purpose of supporting access to community resources and essential services for French-speaking populations. prereq: (or coreq) 3011, Hum 3108

FREN 3112. Advanced Language Studies: Introduction to French Phonetics. (2-4 cr. ; Student Option; Periodic Fall & Spring)

Training in French pronunciation through general and French phonetics. Students learn the International Phonetic Alphabet and study the correct articulate of French vowels and consonants, as well as other important parts of speech such as liaison, enchainement, and intonation. Meets Advanced Language Studies (ALS) requirement in French major. [Note: no credit for students who have received cr for Fren 2011] prereq: 2002 (or concurrent enrollment in 2002) or instr consent

FREN 3113. Advanced Language Studies: Introduction to Translation. (2-4 cr. ; Student Option; Periodic Fall & Spring)

The art of translation applied to everyday discourse, literary texts, and a number of professional fields: journalism, international business, and political, social, and natural sciences with a particular emphasis on specialized vocabularies and advanced grammar and syntax. Meets Advanced Language Studies (ALS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3114. Advanced Language Studies: Advanced French Grammar. (2-4 cr. ; Student Option; Periodic Fall & Spring)

Refinement of grammar. Students gain a deeper understanding of the functionality of the French language through a study of French grammar and through applied and historical linguistics. Meets Advanced Language Studies (ALS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3402. Medieval and Early Modern Studies: Pre-Enlightenment Culture in France. (2-4 cr. ; Student Option; Periodic Fall & Spring)

This course traces the history of French culture in the Middle Ages and into the Early Modern Period; it examines the geography, language, and institutions of medieval and early modern France through literature. Meets Medieval and Early Modern Studies (MEMS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3406. Medieval and Early Modern Studies: Emotional Extremes in Medieval and Early Modern Literature. (4 cr. ; Student Option; Periodic Fall & Spring)

Theories from cultural and religious studies, anthropology, history, psychology, and sociology combine to approach emotional expression in society and in literature. Readings: Durkheim, Freud, Laplanche, Bataille, Chretien's Lancelot, Partonopeus, Le Roman de Troie, troubadour lyric, Aucassin et Nicolette, Legenda Aurea, Saint Augustine, Ovid's Metamorphoses. Meets Medieval and Early Modern Studies (MEMS) requirement in French major. prereq: (or coreq) 3011

FREN 3407. Medieval and Early Modern Studies: The "East" and its Marvels. (2-4 cr. ; Student Option; Periodic Fall & Spring)

A Medieval French course introducing cultural and literary aspects of the Middle Ages through marvelous figures and manifestations of the medieval French interpretation of the "East," including attention to exotic forms of clothing and food in romance, crusades, bestiaries, and fabliaux. Students read medieval interpretations of adventure stories such as the Iliad and Aeneid. Meets Medieval and Early Modern Studies (MEMS) requirement in French major. prereq: (or coreq) 3011

FREN 3408. Medieval and Early Modern Studies: Quests, Quails, and Custards-- Food in Life and Literature. (2-4 cr. ; Student Option; Periodic Fall & Spring)

Spices, game, and chocolate trace the real and imagined movement of European people in the Middle Ages and Early Modern period in literary and historical sources. Make authentic recipes and read authors, including Marco Polo, from many genres of literature. Meets Medieval and Early Modern Studies (MEMS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3410. Medieval and Early Modern Studies: Troubadours and Old Occitan: Creative Writing in the Middle Ages. (HUM; 4 cr. [max 8 cr.] ; Student Option; Periodic Fall & Spring)

The Troubadours considered Occitan, at the crossroads of French, Spanish, and Italian, the best vernacular for lyric poetry. Poetic innovation flourished at the courts from Auvergne to Catalonia. Learn the grammar of this medieval language as you translate lyric texts and compose and workshop parallel modern poems in a variety of forms. Non-French students and students below French 3xxx write and workshop their poems in English, and French students above French

2002 wanting to count the course for the MEMS elective in the major write and translate in French. Language of instruction is English. Meets Medieval and Early Modern Studies (MEMS) requirement in French major. prereq: completion of 1002, its equivalency, or above in French, Spanish, Italian, German, Latin, Portuguese, or Greek or instr consent

FREN 3411. Medieval and Early Modern Studies: Medieval and Renaissance Bodies. (4 cr. ; Student Option; Periodic Fall & Spring) Through literature, students learn about the diversity of the understandings of the body in the Middle Ages and Renaissance. By studying fictional, religious, and historical portrayals of habits and customs alongside medical treatises, students analyze different conceptions of the body through a variety of primary and secondary sources. prereq or coreq: 3011 or instr consent

FREN 3501. Modern Studies: The Old Regime and New Ideas: The French Enlightenment. (4 cr. ; Student Option; Periodic Fall & Spring) Explores the absolutism of Louis XIV and the rise of modern secular thinking in the French literature and philosophy of the Enlightenment, with particular attention given to shifting notions of freedom, agency, and one's place within society and relationship to others. Meets Modern Studies (MOS) requirement for the French major. prereq: (or coreq) 3011 or instr consent

FREN 3502. Modern Studies: Revolution, Romanticism, Modernity. (4 cr. ; Student Option; Periodic Fall & Spring) Examines the emergence of Romanticism, Modernity, Realism, and Naturalism in a historical context shaped by the successive revolutions of 1789, 1815, 1830, 1848, and 1870; industrialization; the rise of a middle class; advances in technology and medicine; and the centrality of images and the popular press in daily life in France. Meets Modern Studies (MOS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3503. Modern Studies: Avant-Garde, Existentialism, Experimentation. (2-4 cr. ; Student Option; Periodic Fall & Spring) From la belle époque through two world wars and the civil unrest of 1968; from France's efforts to come to terms with its colonial past to its role within the European Union, from Proust to Pennac, this course examines French history, culture and literary movements of the past century to the present day. Meets Modern Studies (MOS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3507. Modern Studies: French for Sustainability. (ENVT; 2 cr. ; Student Option; Periodic Fall & Spring) France's engagement with sustainable development with regard to biodiversity, food systems, renewable energy, and air and water quality, especially as these intersect with social and economic disparities. The course draws upon UMM's unique institutional strengths and prepares students with the tools and skills they need in order to work in the sustainability

sector in a global, bilingual setting. prereq: (or coreq) 3011 or instr consent

FREN 3511. French Disability Studies: Discussion in French. (1 cr. ; Student Option; Periodic Fall) A complement to Hum 3511 for advanced students of French, this course explores the history and representation of disability in French literature, art, and culture, in order to understand the experiences of disabled people and their communities in different historical periods and through a variety of genres. prereq: (or coreq) Fren 3011, coreq Hum 3511

FREN 3603. Francophone Studies: Witches, Wilderness, and Words in African Folktales. (4 cr. ; Student Option; Periodic Fall & Spring) Study of the oral tale in African cultures and how these texts encapsulate cultural knowledge of identity, community, and spirituality. Examination of the supernatural and ancestral spiritual worlds, with a special emphasis on the magical power of words and their ability to create, transform, and destroy. Meets Francophone Studies (FRS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3605. Francophone Studies: Maghrebian Cinema. (4 cr. ; Student Option; Periodic Fall & Spring) A study of Algerian, Tunisian, and Moroccan history and culture as presented through the art of cinema. Examination of films produced in the francophone Maghreb thematically, focusing on topics such as colonialism, gender, Islam, childhood, and immigration. An important goal is to learn to analyze and discuss film academically. Meets Francophone Studies (FRS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3606. Francophone Studies: Sub-Saharan Francophone Cinema. (4 cr. ; Student Option; Periodic Fall & Spring) Introduction to the history of cinema in French-speaking West Africa. Students learn to read African films, to recognize and analyze political themes in the films, and to become sensitive to issues facing many African nations in the postcolonial world. Meets Francophone Studies (FRS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3607. Francophone Studies: Sex and Gender in Francophone Literature and Film. (4 cr. ; Student Option; Periodic Fall & Spring) The study of the representation of women, men, and queer identities in Francophone literature and film. Discussion of models of femininity and masculinity, and LGBTQAA+ identities and how the dual system of sexuality and gender is problematic. Examination of various models of Feminist and Queer Theory from Africa and the Caribbean and how they may differ from American or French models. Meets Francophone Studies (FRS) requirement in French major. prereq: (or coreq) 3011 or instr consent

FREN 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a

faculty member for academic credit in areas not covered in the regular curriculum.

FREN 4902. French Capstone Project. (2 cr. ; S-N only; Every Spring) Students work in consultation with the course instructor in one of two tracks: they either develop a project they began in another French elective course or they develop a project related to another major. For either track, students undertake a significant research project (in terms of both length and depth) and present their findings in a formal presentation in French. prereq: a minimum of 16 credits completed in 3xxx electives, instr consent

FREN 4991. Independent Study in French Abroad. (IP; 4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring) An independent study designed for study abroad and based on the student's research interests in French or Francophone language, culture, history, etc. The project is defined in consultation with a French faculty member before the student leaves the United States. The faculty member guides the project via email. prereq: 2002 or instr consent; 3022 or 3032 or 3041 recommended

FREN 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Gender, Women, & Sexuality Std (GWSS)

GWSS 1101. Introduction to Gender, Women, and Sexuality Studies. (HDIV; 4 cr. ; Student Option; Every Fall) This course introduces students to the concepts and impacts of gender and sexuality in everyday life. Various feminist, queer, and other gender-oriented theories are introduced as students explore how definitions of femininity, masculinity, and sexuality have been created, maintained, negotiated, and resisted.

GWSS 2101. American Masculinities: The Making of Guys, Dudes, Bros, and Men. (SS; 2 cr. ; Student Option; Periodic Spring) What makes a man? What does it mean to be "masculine"? How is manhood defined, represented, and enforced in American popular culture? How do race and ethnicity intersect with American manhood? This course uses an interdisciplinary approach to explore these and other questions about gender, masculinity, and society. We situate definitions of manhood historically, examine representations of masculinity in literature and film, and critically reflect on social and cultural messages of American masculinity.

GWSS 2102. Masculinities in the Margins: Intersectional and Marginalized Masculinities. (SS; 2 cr. ; Student Option; Periodic Spring) Is "masculinity" the same throughout America? the world? Which men "count" and why? Are there new versions of masculinity in the making? How do race, class, ethnicity, and

nationality intersect with manhood? How have these ideas changed over time? This course uses an interdisciplinary approach to explore these and other questions about gender, masculinity, and society. We situate definitions of manhood historically; explore concepts of intersectionality and hegemonic, subordinated, and marginalized masculinity; and critically reflect on social and cultural messages about these concepts.

GWSS 2404. Feminist, Queer, and Intersectional Theories. (HDIV; 2 cr. ; A-F only; Every Spring)

This course provides a historical overview and introduction to fundamental concepts, frameworks, and bodies of theory related to gender, sexuality, feminism, and other related topics across disciplines. It emphasizes critical analysis of foundational theoretical works and applications of theories to current activism, problems, and scholarship. prereq: 1101 or instructor consent

GWSS 2405. Feminist Beauty Studies. (2 cr. ; Student Option; Periodic Fall & Spring)

This course will analyze the different ways beauty has been employed as a technology to manage and produce certain subjects. Students will be asked to think critically about beauty practices and how beauty, which is often understood as one's own private, personal practice, has larger social, economic, and political implications. Beauty is enmeshed in structures of power besides gender; thus, students will examine the different ways beauty has been tied to colonial processes and used as a vehicle through which racialization takes place. We will read scholarly texts spanning from the early 20th century to modern day to understand how beauty has been conceptualized in various historical and geographical settings. prereq: 1101

GWSS 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

GWSS 4901. Gender, Women, and Sexuality Studies Capstone. (1 cr. ; A-F only; Every Fall & Spring)

This course requires a theoretical analysis paper, in which students analyze and reflect on their academic coursework and own intellectual autobiography. Students are expected to consider and apply feminist, queer, and/or other gender-oriented theoretical approaches in this final paper. This course also requires a portfolio and a presentation and panel discussion. Students can work with any faculty teaching GWSS courses. prereq: 2404, completion of 32 cr towards the GWSS major

Geography (GEOG)

GEOG 2001. Problems in Geography.

(ENVT; 4 cr. ; Student Option; Every Fall) Basic concepts and questions in the field of geography. The terminology and approaches of geographical inquiry and analysis, with emphasis on the spatial patterns and

arrangements of human interaction with the landscape and the production of geographical knowledge.

GEOG 3501. Geographic Information Systems. (ENVT; 4 cr. ; Student Option; Periodic Fall & Spring)

The theory and practice of Geographic Information Systems. Topics include data models, spatial statistics, and cartographic modeling. Special emphasis on social and environmental applications. (two 65-minute lect, one 120-minute lab session per week) prereq: any 1xxx course in social or natural sciences

Geology (GEOL)

GEOL 1001. Environmental Geology: Geology in Daily Life. (SCI; 4 cr. ; Student Option; Every Spring)

Effects of volcanoes, earthquakes, and floods on humans and civilization; geologic problems associated with rural and urban building, waste management, and waste disposal; the importance of geologic knowledge in the discovery of fossil fuels and mineral resources. (4 hrs lect)[Note: may not count toward the geol major or minor]

GEOL 1011. Geology of the National Parks. (SCI; 4 cr. ; Student Option; Periodic Fall)

Exploration of the fundamental aspects of the geosciences: earth materials, geologic time, plate tectonics, and the evolution of landscapes by examining the geology and geologic history of the U.S. national parks. (4 hrs lect)[Note: may not count toward the geol major or minor]

GEOL 1101. Physical Geology. (SCI-L; 4 cr. ; Student Option; Every Fall & Spring)

Introduction to the materials that make up the Earth and the structures, surface features, and geologic processes involved in its origin and development. Lab work includes study of the major constituents of the Earth's crust, including the important rocks and minerals; study of surface and geologic features using aerial photographs, topographic maps, and satellite imagery. (3 hrs lect, 3 hrs lab)

GEOL 1801. The Value of Dark Skies. (IC; 2 cr. ; Student Option; Periodic Fall)

Go beyond looking at the impact of light pollution on the aesthetics of night-time skies by examining its effects on human health, ecosystems, energy demands, and other societal concerns. prereq: new college student in their first semester of enrollment at UMM

GEOL 1802. Earth and the Silver Screen. (IC; 2 cr. ; Student Option; Periodic Fall)

Geology and earth science have long been fixtures in cinematic films, whether presenting the majesty of open landscapes, exploring geologic problems, or surviving natural hazards. Utilizing selected scenes and full features, students will assess and discuss films' scientific and cinematic strengths and weaknesses, and the role of fictional films in shaping public perceptions and comprehension of the earth sciences. [Note: may require time outside of class to view full-length films] (two 50-minute lect) prereq: new college student in their first semester of enrollment at UMM

GEOL 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

GEOL 2001. Natural and Unnatural Geologic Hazards. (ENVT; 4 cr. ; Student Option; Periodic Spring)

Examination of the more significant interactions between humans and geologic environments and processes. Earthquake and volcanic hazards, river flooding, mass movements and slope stability, coastal hazards, and water resources and pollution. Lectures and problems sets emphasize the quantitative approaches used to determine the likelihood and frequency of natural hazards, assess associated risks, and mitigate damage. prereq: 1001 or 1101

GEOL 2101. Mineralogy and Crystallography. (SCI-L; 4 cr. ; Student Option; Fall Even Year)

Classification, identification, physical and chemical properties, origin and natural occurrence of major mineral groups. Lab study of crystal systems by use of models; introduction to optical aspects and physical and chemical testing. (3 hrs lect, 6 hrs lab and field trips) prereq: 1101, Chem 1101 or instr consent

GEOL 2111. Igneous and Metamorphic Petrology. (SCI-L; 4 cr. ; Student Option; Spring Even Year)

Classification, composition, genesis, and natural occurrence of igneous and metamorphic rocks; lab study and identification of rocks by various macroscopic, microscopic, and chemical means. (3 hrs lect, 6 hrs lab and field trips) prereq: 2101

GEOL 2121. Sedimentology and Stratigraphy. (SCI-L; 4 cr. ; Student Option; Fall Odd Year)

Processes of sedimentation, including origin, transportation, and deposition of sediments; interpretation of sedimentary environments. Principles of stratigraphy and their applications. Lab work includes sedimentary particle analysis; stratigraphic sections; and interpretation of ancient sedimentary environments based on stratified sequences of sedimentary rock. (3 hrs lect, 3 hrs lab and field trips) prereq: 1101

GEOL 2131. Geomorphology. (SCI; 4 cr. ; Student Option; Fall Even Year)

Study of the Earth's surface and surficial processes; weathering, erosion, and deposition, and the resulting landforms and products; the history of the study of landforms in the United States. (3 hrs lect, 3 hrs lab and field trips) prereq: 1101

GEOL 2141. Glacial and Quaternary Geology. (SCI; 4 cr. ; Student Option; Spring Even Year)

Glaciers, glaciology, glacial deposition, glacial erosion; climatic change and the growth and advance of ice sheets; effect of glaciations on flora and fauna. (3 hrs lect, 3 hrs lab and field trips) prereq: 1101

GEOL 2151. Historical Geology: Earth History and Changing Scientific

Perspectives. (SCI-L; 4 cr. ; Student Option; Fall Odd Year)

Development of fundamental theories and principles of geology, including stratigraphy, uniformitarianism, geologic time, evolution, and plate tectonics. Emphasis on how geological thought has evolved through time as the scientific, religious, and political climate has changed. Discussion of the Earth's history and science's changing views of the Earth; continental movements, mountain building, and the evolution and development of organisms and ecosystems. Lab experience on methods of interpreting Earth's history from rocks, fossils, and structures and solving geological problems. (3 hrs lect, 3 hrs lab)

GEOL 2161. GIS and Remote Sensing. (SCI; 4 cr. ; Student Option; Every Spring)

Introduction to design, development, and application of Geographic Information Systems (GIS); overview of acquisition and utility of satellite data and imagery; emphasis on applications in Earth and environmental sciences; lab component focuses on practical aspects of GIS development and use and involves original semester projects designed and implemented by individual students. prereq: 1101 or Biol 1101 or Biol 1111 or instr consent

GEOL 2301. Geology of Minnesota. (SCI-L; 4 cr. ; Student Option; Periodic Summer)

Active, hands-on learning both in class and on class field trips to selected localities throughout the state. Field trips include: Pipestone National Monument; glacial geology of west-central Minnesota; geology of the Minnesota River Valley; and St. Cloud Quarry Park.

GEOL 2311. Forensic Geology. (ENVT; 4 cr. ; Student Option; Periodic Summer)

Introduction to the application of geological concepts, principles, and research methods in the field of forensic studies. Includes analysis of rocks, minerals, soils, and microfossils; air photo and seismic interpretations; applications to gemology, art, and archaeology; and tracing of pollutants, among other topics. Students learn how interactions between people and the natural world or natural materials leave evidence of those interactions. Regular discussion periods focus on actual case histories and real-world scenarios. [Note: this course is for non-majors and does not satisfy the geology elective requirements for the major] prereq: 1001 or 1101 or Chem 1101

GEOL 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

GEOL 3001. Global Tectonics. (SCI; 4 cr. ; Student Option; Periodic Fall & Spring)

Internal structure and composition of the earth; geometry and motion of lithospheric plates; geological and geophysical processes at plate boundaries; evolution of mountain belts; heat flow, thermal convection, and the driving mechanism for plate movement. prereq: instr consent

GEOL 3011. Earth Resources. (ENVT; 4 cr. ; Student Option; Periodic Fall)

Geology of mineral (base metals, precious metals, and non-metals), energy (fossil fuels, uranium, and alternatives), and other (water and soil) resources; overview of techniques for resource identification, delineation, and extraction; discussion of issues (e.g., environmental, political, and social) surrounding resource identification, extraction, and use; global resource distribution, historical trends, and future outlook. prereq: any 1xxx or 2xxx Geol course or instr consent

GEOL 3012. Global Change: Past and Present. (4 cr. ; Student Option; Periodic Fall)

Examination of major changes in global environmental systems that have been documented in the geological past, and culminating with an examination of current global change. Topics include but are not limited to the evolution of Earth as a planetary body, the Great Oxygenation Event, Snowball Earth, the Paleocene-Eocene Thermal Maximum, Quaternary glaciations, mass extinctions, and evidence, modeling, and consequences of 20th -21st century warming. prereq: 1001 or 1101

GEOL 3101. Structural Geology. (SCI-L; 4 cr. ; Student Option; Spring Odd Year)

Elementary concepts of stress and strain, theory of rock deformation; description and classification of structures in the Earth's crust; application of geometric, analytical, and map interpretation techniques to solving structural problems; field mapping problems. (three 50-min lect, 3 hrs lab and field trips) prereq: 2111, Math 1021 or Math 1101 or instr consent

GEOL 3111. Introduction to Paleontology.

(SCI-L; 4 cr. ; Student Option; Fall Even Year) An introduction to the study of the evolutionary history of life on earth as revealed in the fossil and geologic record. Laboratory focuses on study of the classification, morphology, and paleoecology of invertebrate fossils. (two 65-min lect, one 3-hr lab, and weekend collecting trip required) prereq: 2151 or Biol 2101 or EnSt 2101 or instr consent

GEOL 3401. Geophysics. (SCI; 4 cr. ; Student Option; Periodic Fall)

Propagation of seismic waves, earthquake seismology, and the structure of the Earth; the origin and nature of the Earth's magnetic and gravitational fields; the Earth's internal production and flow of heat; composition, state, and rheology of the Earth's interior; plate tectonics and elementary geodynamics. (three 65-min lect) prereq: Math 1101, Phys 1101 or instr consent

GEOL 3501. Hydrology. (SCI; 4 cr. ; Student Option; Every Fall)

An examination of the hydrological cycle; evapotranspiration and precipitation; processes of infiltration; rainfall-runoff relationships and the generation of overland flow; response of the drainage basin to storm events; flood-frequency analysis; elements of groundwater flow and evaluation of aquifer characteristics; water quality, contamination, and contaminant transport. (three 65-min lect) prereq: Math 1021 or Math 1101 or instr consent

GEOL 3502. Groundwater. (ENVT; 4 cr. ; Student Option; Spring Even Year)

The origin, occurrence, and availability of groundwater, aquifer geology and groundwater resources, chemical character of groundwater and groundwater pollution, groundwater wells and well design, and groundwater as a geologic agent. (3 hrs lect, 3 hrs lab and field trips) prereq: 1101 or instr consent

GEOL 3601. Introduction to Geochemistry. (SCI; 4 cr. ; Student Option; Periodic Fall)

Applying chemistry to geologic problems such as weathering, sedimentary processes and diagenesis, formation of evaporites and ore deposits, magma genesis and magmatic differentiation; thermodynamic functions and the Phase Rule; oxidation potential and Eh-pH diagrams; isotopic geochemistry and geochronology. (three 65-min lect) prereq: (or coreq) 2101 or prereq Chem 1102 or instr consent

GEOL 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

GEOL 4130. Advanced Geomorphology. (; 4 cr. [max 8 cr.] ; Student Option; Periodic Spring)

Surficial processes and the resulting landforms; may include catastrophic events, large lakes, arid regions geomorphology or the evolution of the Badlands. (3 hrs lect, 3 hrs lab and field trips) prereq: 2131

GEOL 4140. Advanced Glacial and Quaternary Geology. (; 4 cr. [max 8 cr.] ; Student Option; Fall Odd Year)

Glacial geology and glacial history; may include pre-pleistocene glaciations, quaternary stratigraphy, or subglacial processes. (3 hrs lect, 3 hrs lab and field trips) prereq: 2141

GEOL 4901. Geology Senior Seminar. (; 1 cr. ; Student Option; Every Fall)

Capstone experience in Geology. Discussion of selected topics of geologic interest. prereq: instr consent; required for geol major

GEOL 4902. Geology Senior Seminar Presentations. (; 1 cr. ; Student Option; Every Spring)

Capstone experience in geology. Presentations of research projects. prereq: instr consent; required for geol major

GEOL 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

German (GER)

GER 1001. Beginning German I. (; 4 cr. ; Student Option; Every Fall)

Introduction to German as it is spoken and written presently. The course acquaints students with the basic sounds, structures, and vocabulary of German and enables

them to understand, read, and write the language and to communicate in German about everyday situations. It makes them aware of the relationship between culture and language.

GER 1002. Beginning German II. (WL; 4 cr. ; Student Option; Every Spring)
Continuation of 1001. prereq: 1001 or placement or instr consent

GER 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

GER 2001. Intermediate German I. (IP; 4 cr. ; Student Option; Every Fall)
The skills of listening, reading, and writing are enhanced through grammar review while exploring several different cities in German-speaking lands and their history and cultural heritage. Course improves students' listening, speaking and writing abilities through guided readings including assignments on the internet relevant to topics such as geography, history, and culture. prereq: 1002 or placement or instr consent

GER 2002. Intermediate German II. (IP; 4 cr. ; Student Option; Every Spring)
Builds on existing German skills by exploring several different cities in German-speaking lands along with their history and cultural heritage. The course further improves students listening, speaking and writing abilities through grammar review and guided readings including assignments on the internet relevant to topics such as geography, history, and culture. prereq: 2001 or instr consent

GER 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

GER 3001. Advanced German Grammar. (IP; 4 cr. ; Student Option; Every Fall)
Reinforce and review entirety of German Grammar at an advanced level to competently approach reading and writing assignments in advanced German courses while gaining a detailed knowledge of grammar. prereq: 2002 or instr consent; may enroll concurrently with 3xxx-4xxx

GER 3011. Readings in German. (IP; 4 cr. ; Student Option; Every Spring)
Students read and analyze modern texts in order to advance their ability to comprehend and discuss various literary styles. This course is a prerequisite for more advanced courses in the major and minor. prereq: may enroll concurrently with 2002; soph or higher recommended

GER 3101. Introduction to German Literature and Culture. (HUM; 4 cr. [max 8 cr.] ; Student Option; Every Fall)
Introduces German culture through a variety of texts and media (music, film, etc.) throughout all periods of German literature with the aim of

building reading, writing, and listening skills. prereq: 2002 or instr consent

GER 3601. Studies in German Literature. (HUM; 4 cr. ; Student Option; Periodic Spring)
Same as Hum 3601. Selected readings in German reflecting modern literary trends. Examination of the cultural politics in the evolution of the literature in the formerly divided Germany, using plays, novels, biography, and documentary reports. Deals with questions of literary theory, history, and socio-political structures. Taught in English. prereq: 3011

GER 3602. Scandinavian Literature 20th and 21st Century Novel. (HUM; 4 cr. ; Student Option; Periodic Fall, Spring & Summer)
An introduction to the modern Scandinavian novel, including works from Norwegian, Danish, Swedish, Icelandic, and Finnish authors. This course is taught in English.

GER 3701. The Red Army Faction in German Literature. (IP; 4 cr. ; Student Option; Periodic Fall, Spring & Summer)
Examination of the historical background surrounding the turbulent era of student protest in Germany and subsequent formation of the terrorist organization, the Red Army Faction. This course is only offered in German. prereq: Ger 3xxx course or instr consent

GER 3702. Martial Masculinities: Manhood and Aggression in German Literature and Culture. (HUM; 4 cr. ; Student Option; Periodic Fall, Spring & Summer)
Examination of masculinity in German-speaking lands by exploring history, literature, film, and graphic art from a theoretical perspective with particular focus on patterns of representation that define and shape "manliness" from the medieval to the modern era.

GER 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

GER 4001. German Civilization I. (HIST; 4 cr. ; Student Option; Fall Even Year)
This course facilitates effective engagement with the history and culture of German-speaking countries and. This is a lecture style course taught entirely in German to improve listening, speaking, and writing abilities as well as to prepare for a study abroad experience. prereq: 3001 or equiv

GER 4901. German Studies Capstone. (; 2-4 cr. [max 10 cr.] ; A-F only; Every Fall & Spring)
A substantial scholarly or creative work (at the undergraduate level) in conjunction with or upon the completion of another course within the discipline. The capstone is required for German Studies majors. prereq: 3011 or instr consent

GER 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

History (HIST)

HIST 1015. Topics and Problems in World History. (HIST; 4 cr. [max 8 cr.] ; A-F only; Every Fall & Spring)
Examination of special topics in world history. Course is built around specific topics, such as genocide in the 20th century or global approaches to environmental history, and emphasizes how historians work, pose questions, use sources, and engage in debate.

HIST 1111. Introduction to World History. (HIST; 4 cr. ; Student Option; Every Fall & Spring)
Methods, themes, and problems in the study of world history.

HIST 1112. Introduction to African History to 1880. (HIST; 4 cr. ; Student Option; Fall Even Year)
Exploration of Africa's incredible human and environmental diversity from the earliest times to European contact. Special attention to how historians of Africa interpret non-written sources to understand the past.

HIST 1113. Introduction to African History since 1880. (HIST; 4 cr. ; Student Option; Every Spring)
Consideration of Africa's past from the colonial era to the present. Special attention to the challenges Africans faced living under Europe's grip as well as their courage to build independent African nations.

HIST 1301. Introduction to U.S. History. (HIST; 4 cr. ; Student Option; Every Fall)
Methods, themes, and problems in the study of the history of the United States.

HIST 1402. Gender, Women, and Sexuality in American History. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring)
Themes and methods in the history of women in the United States. Topics may include women in the colonial era; American Indian, African American, and immigrant women; sex roles; women and work, family, politics, the law, and religion.

HIST 1501. Introduction to East Asian History: China, Japan, and Korea before 1800.. (HIST; 4 cr. ; Student Option; Periodic Fall)
Examination of the social, political, economic, technological, and cultural changes in East Asia before 1800. Possible sub-themes include the rise of the Confucian world order, the spread of Buddhism, and East Asian interactions with the outside world. Discussion of changing perceptions of gender.

HIST 1601. Latin American History: A Basic Introduction. (IP; 4 cr. ; Student Option; Every Spring)
Methods, themes, and problems in the study of Latin American history.

HIST 1811. A History of You(th). (IC; 4 cr. ; Student Option; Periodic Fall)
Why does the behavior of young people attract so much attention and anxiety? Why does the stage between childhood and a fully recognized adulthood carry such significance

in our collective consciousness? Engage in a historical analysis of what youth has signified, using source materials from Plato to pop culture. Along the way, engage chronologically with the emergence of the categories of childhood and youth and thematically with the relationship between youth and a multitude of social categories and phenomena (for example, politics, media, consumption, and sexuality). Requires extensive reading, active classroom participation, and the completion of a research project and presentation with both individual and group components. prereq: new college student in their first semester of enrollment at UMM

HIST 1812. FIRE!: An introductory Seminar to American Environmental History. (IC; 4 cr. ; Student Option; Periodic Fall)

One of the primary ways in which people have manipulated their environments has been through the burning of fossil fuels. Indigenous people, for instance, used fire to clear land, to improve soil quality, and to drive game. Coal powered the Industrial Revolution and oil provided the energy necessary for the Automobile Age. The impact of using energy in this way is today obvious. This course is organized around the topic of fire and uses this theme to examine core issues in American Environmental History. Topics might include: American Indian peoples and fire, burning and early agriculture, coal and industrialization, the Age of the Automobile, incineration and the problem of waste, and forest arson as a mode of political protest. prereq: new college student in their first semester of enrollment at UMM

HIST 1816. Explaining the Inexplicable: 20th Century Genocides. (IC; 2 cr. ; Student Option; Periodic Fall)

Examination of a couple of the contemporary world's largest and most important dilemmas. Why did we see all the now familiar campaigns of mass murder based on racial and ethnic hatred in the last century, a time of incredible scientific progress? Why, in addition, have we been so slow to learn from this experience? Why, in short, have we been so unsuccessful in honoring our pledge of "never again?" Through history, memoir, and film, examine these questions and try to understand and answer them from both an historical and a moral perspective. prereq: new college student in their first semester of enrollment at UMM

HIST 1819. Medieval Cathedrals as Historical Sources. (IC; 2 cr. ; Student Option; Periodic Fall)

Introduction to the medieval past using Gothic cathedrals as primary sources. Over the course of the semester, students explore a wide variety of clues these spectacular buildings provide to the historical forces shaping Europe during the 12th and 14th centuries. Students consider the influence not only of religious, political, and economic factors but also social, geographical, technical, literary, and artistic currents out of which such structures emerged. prereq: new college student in their first semester of enrollment at UMM

HIST 1820. What Happened and Why and How It's still Happening? The 2016 Election

in Historical Context. (IC; 4 cr. ; Student Option; Periodic Fall)

Examines the 2016 presidential in historical context with a focus the inter-workings of a number of historical phenomena and explores the long history of American populism, the impact of recent social movements, the challenges posed by globalization and shifts in American political attitudes and values. The course integrates an emphasis on current events with history as a way of understanding the persistence of historical forces. prereq: new college student in their first semester of enrollment at UMM

HIST 1822. Age of Atlantic Revolutions. (IC; 2 cr. ; Student Option; Periodic Fall)

Explore the revolutions that swept across the Atlantic World from the mid-18th to mid-19th century, with a particular emphasis on U.S. independence, the French Revolution, the Haitian Revolution, and Latin American independence movements. In addressing the causes of these revolutions, their processes, outcomes, connections, differences, and larger impacts, students deepen their understanding of notions of freedom, equality, human rights, and revolution. prereq: new student in their first semester of enrollment at UMM

HIST 1823. The American 1960s. (IC; 2 cr. ; Student Option; Periodic Fall)

As the 1960s recede into the past, they retain a certain aura unlike many other American historical eras. This seminar considers such topics as Civil Rights, the Vietnam War, the Women's Movement, that elusive concept, "the personal is the political," and the decade's legacy. prereq: new college student in their first semester of enrollment at UMM

HIST 1824. Black Morris. (IC; 4 cr. ; Student Option; Periodic Fall)

Introduction to the local and global character of the African Diaspora. Exploration of the Black presence on lands first occupied by Anishinaabe and Dakota people and the analytical problems settler colonialism poses for collective memory. Course culminates with a collaborative, community-engaged public history project. prereq: new college student in their first semester of enrollment at UMM

HIST 2003. Public History. (HIST; 2 cr. [max 4 cr.] ; Student Option; Periodic Spring)

Introduction to the many ways historians conduct research and present historical topics to public audiences. Public historians, who typically come from a traditional academic discipline, utilize their knowledge in such public settings as museums, archives, historic sites, historical societies, and federal agencies. Examine a number of themes ranging from oral histories and historical reenactments to websites and electronic media. Explore what is public history, who practices it, the role of audience, the tension between history and memory, and the ethical concerns that influence public history practice. Gain hands-on experience in facets of public history such as archival management and oral history.

HIST 2103. Medieval Europe. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Survey of historical developments in Europe from about 500 to 1500.

HIST 2108. Ancient Greek and Roman History. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Provides a broad survey of the political, social, and cultural history of ancient Greece and Rome from the archaic period (c. 700 BCE) to the rise of Islam (c. 600 CE).

HIST 2132. History of Fairy Tales and Folklore in Europe. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of fairy tales and folklore in European history from the early modern era to the present, with a primary emphasis on tracing changes in the social and cultural use of fairy tales over time. Sources drawn from a diverse corpus of tales and retellings, as well as scholarly interpretations from historians, ethnographers, and folklorists. Explores key developments, such as the transformation of 17th-century French tales written as political allegory into the Grimms' 19th-century reinvention of the fairy tale as a staple of middle-class childhood. Other topics may include the oral tradition and literacy; changing ideas about gender, class, and religion; and themes of violence, nationalism, and sexuality.

HIST 2151. Modern Europe. (HIST; 4 cr. ; Student Option; Periodic Fall)

History of modern Europe emphasizing political, economic, social, and intellectual developments since 1789.

HIST 2251. American Indians and the United States: A History. (HDIV; 4 cr. ; Student Option; Every Spring)

The experience of the original Americans and their interaction with later immigrants.

HIST 2252. Comparative Indigenous History: Beyond Native America. (HIST; 4 cr. ; Student Option; Periodic Fall)

Same as NAIS 2252. Explore indigenous experiences with settler colonialism in the United States, Canada, Australia, New Zealand, and sub-Saharan Africa. With special attention to issues of race, labor, gender, education, and movements for decolonization, place the indigenous histories of Morris and Minnesota within a global context. [Note: no credit for students who have received credit for NAIS 1701 or Hist 1701]

HIST 2312. History of South Africa to 1976. (HIST; 4 cr. ; Student Option; Fall Even Year)

Exploration of South Africa's settler colonial history from European contact to youth resistance against white supremacy. Special attention to examining the history of structural racism in a global perspective.

HIST 2313. History of South Africa since 1910. (IP; 4 cr. ; Student Option; Periodic Spring)

Consideration of apartheid South Africa's roots and the multiracial country's struggle to reconcile its colonial past. Special attention to 20th-century black and non-racial political thought from a global perspective.

HIST 2352. The U.S. 1960s. (HIST; 4 cr. ; Student Option; Fall Even Year)

History of the United States in the 1960s. Backgrounds to the 1960s; political and cultural issues of the decade; the Kennedy promise, civil rights and other movements, Vietnam war, counterculture, conservative backlash, and legacy.

HIST 2441. The United States and the Great War. (HIST; 4 cr. ; Student Option; Periodic Summer)

Presentation of a highly integrated picture of the American experience in World War I. Part of the focus is on the military experience, although approached from the perspective of average sailors and soldiers. More of the emphasis is on the home front and how the war at home encouraged the emergence of a new, more powerful, federal state while simultaneously inviting attacks on civil liberties and ethnic culture. Follow the impact of war through the post-war Red Scare and into the 1920s and explore how it ushered in a new period in American life but one rife with political and cultural contradictions.

HIST 2451. The American West. (HIST; 4 cr. ; Student Option; Fall Even Year)

The American West has loomed large in the imagination of the public since the first Europeans set foot on what would become the United States of America. Historian Frederick Jackson Turner argued that the frontier of the West was what distinguished Americans from their European counterparts. However, the West was already home to complex and sophisticated cultures long before the first fur trapper, gold miner, missionary, or cowboy arrived. Disagreements over the future of the West fueled violent confrontation, disagreements that continue to reveal themselves on contemporary relations among a variety of ethnic, class, and cultural backgrounds. Explore the historical underpinnings of confrontations between settlers and indigenous inhabitants, farmers and ranchers, and the federal, state, private, environmental, and tribal interests in the West. These historical underpinnings help to re-imagine the West and the American identity, and continue to shape contemporary controversies.

HIST 2452. Minnesota History. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of the social, cultural, and political history of Minnesota with emphases on American Indian and European-American conflict, immigration and ethnicity, the development of political culture, and the changing nature of regional identity.

HIST 2551. Modern Japan. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

The history of Japan from the foundation of the Tokugawa Shogunate until the present. Special attention to issues of gender, nationalism, and modernity.

HIST 2552. History of Modern China. (HIST; 4 cr. ; Student Option; Periodic Spring)

Study of the history of China from the foundation of the Qing dynasty in the 1600s until the present. Special attention to issues of gender, nationalism, and modernity.

HIST 2557. History of Southeast Asia.

(HIST; 4 cr. ; Student Option; Periodic Spring)
A broad survey of Southeast Asia's civilization and its modern challenges. Emphasizes recent colonialism, nationalism, and postwar development.

HIST 2608. History of Cuba: From Colony to Revolutionary State. (HIST; 4 cr. ; Student Option; Periodic Fall)

A survey of the history of Cuba from Spanish colonization to the present, with emphasis on the 19th and 20th centuries. Topics include colonization, slavery, imperialism, nationalism, and the Cuban Revolution.

HIST 2609. History of Brazil: From Sugar to Sugar Cars. (HIST; 4 cr. ; Student Option; Periodic Fall)

Examination of Brazilian history from Portuguese colonization in the early 1500s to its current status as a growing world economic power. Topics include Portuguese colonial rule, independence and the creation of the Brazilian Empire in the nineteenth century, the end of the Brazilian monarchy and the emergence of the oligarchic republic, the rise of the populist state in the mid-twentieth century, military dictatorship during the Cold War, and the return to democracy and Brazil's rise to world-power status. Additional topics include the Amazon and environmental history, indigenous history, Afro-Brazilian history, the U.S.-Brazilian relationship from a historical perspective, Brazilian economic development, how Brazilians are coping with the socioeconomic changes in their society, and how they perceive their role in the world.

HIST 2616. Environmental History of Latin America. (ENVT; 2 cr. ; Student Option; Periodic Fall)

A broad examination of human interaction with the natural environment in Latin America and how these interactions have shaped the region's social, cultural, political, and economic history. The course also considers historical and contemporary environmental challenges and people's responses to them. The course covers colonial, modern, and contemporary Latin America. Possible topics include: the Columbian Exchange, the Amazon, agriculture, economic development, cultural attitudes toward the environment, sustainability, conservation and environmentalism, ecotourism, indigenous rights, and urbanization.

HIST 2708. Gender, Women, and Sexuality in Modern Europe. (IP; 4 cr. ; Student Option; Periodic Spring)

Examination of the forces that have shaped the lives of European women since 1600 and analysis of how changes in the structures of power and authority--religious, political, social, familial--affected the choices available to them. Students engage critically with the question of what bringing gender to the forefront of the study of European history has to teach them. Students gain an understanding of many of the underpinnings of American society, which has been deeply affected by European patterns of thought about women and their place in the world.

HIST 3021. Gender and Sexuality in African History. (E/CR; 4 cr. ; Student Option; Periodic Spring)

Examination and discussion of pre-colonial, colonial, and post-colonial African history through the debates and trends in and between Western feminism, U.S. women of color feminism, Third World feminism, LGBT studies, queer theory, and the emerging interdisciplinary field of African queer studies. Also suitable for students interested in understanding past and present issues of gender and sexuality in Africa through the theories and conditions that animate black queer studies and the black queer diaspora. prereq: 1111 or 1112 or 1113 or Anth 1111 or GWSS 1101 or instr consent

HIST 3161. The Enlightenment. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

The intellectual ferment of the Enlightenment has been given the credit and the blame for all things modern--from the concept of human rights and the democracies it has engendered to the subversion of those rights in the totalitarian regimes of the 20th century. Exploration of the ideas of the Enlightenment and their political context and attempt to answer the question of how such an important development in human history can be viewed in such contradictory ways.

HIST 3181. The Study of History. (HIST; 4 cr. ; Student Option; Every Fall)

Introduction to historical research methods and 20th-century historiography. How to evaluate and employ primary and secondary sources, to cite evidence, and to develop critical historical arguments in a research project. Exploration of key transformations within the field of history, surveying various schools of thought, and assessing the specific advantages and challenges of the approaches. Topics may include Freudian and Marxist interpretations, the Annales school, quantitative analysis, anthropological and sociological approaches, and gender and postcolonial theory. [Note: no credit for students who have received cr for Hist 2001] prereq: instr consent

HIST 3204. Nazi Germany. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

History of Nazi Germany. Social and political origins, Nazi rule in the 1930s, the "final solution," World War II, and Germany's attempt to assess this era in its history.

HIST 3207. The Crusades. (IP; 4 cr. ; Student Option; Spring Odd Year)

Explores the historical contexts and consequences of the European Crusades between the 11th century and early modern period, including the perspective of European Jews, Turkish and Arabic Muslims, and Byzantine and Near Eastern Christians.

HIST 3209. Modern Germany. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of German history from the development of German national ideas through unification and consolidation of the modern German state in 1871 and through its re-unification at the end of the 20th century. Examines one of the most fascinating and

tumultuous periods in German and European history, why the attempt to understand the German past has occupied so many historians, and why the debates surrounding that attempt have been so contentious. Sources include writings by established historians of Germany, novels, films, and music.

HIST 3211. Modern France. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of French culture and history from the Revolution (1789) to the present. The ways in which successive governments, from Napoleon's empire through the Fifth Republic, have come to terms with legacies of the Revolution such as national citizenship, individual rights, and the politicization of women.

HIST 3212. The French Revolution. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of the causes, players, drama, complexity, and legacy of the French Revolution. Beginning with the changing social order and new political philosophies of the 18th century, the course follows not only the initial unfolding of revolution, terror, and counter-revolution, but also the rise of Napoleon and revolutionary wars. Later reverberations in the revolutions of 1848, the Commune of 1871, and global influences (such as the Haitian Revolution) also addressed. Throughout these events, the experiences of both prominent figures and ordinary participants (the "crowd") considered.

HIST 3213. Modern Britain. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of the history of modern Britain and its empire since the 17th century. Topics include the growth of Britain as a world power through imperialism and industrialization, the challenges of shaping a modern polity, and the 20th-century shifts that reduced its global profile.

HIST 3214. History of Childhood. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of changes in childhood and youth from the early modern era to the present. Geographic emphasis on Europe, although the course also allows for exploration of similar themes in other parts of the world. Considers key developments in both ideas about and experiences of children, such as the emergence of children's rights discourse. Other topics may include schooling, play, labor, family, sexuality, consumption, migration, welfare, imperialism, and war. Readings drawn from social, cultural, and political approaches to the history of childhood, as well as historical documents created by children themselves across contexts.

HIST 3303. Creation of the American Republic. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of the history of the United States from the beginning of the Seven Years' War in 1754 to the end of the War of 1812. The origins of the nation and the political, cultural, and social changes that accompanied the birth and early years of the American Republic. Focus on the political and social history of the American

Revolution. Other topics include women in revolutionary America, the retrenchment of slavery, indigenous people and early Indian policy, religion and revivalism, the constitutional crisis, and the early presidencies.

HIST 3304. Race, Class, and Gender in American History. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring)

The themes of race, class, and gender are explored in-depth throughout the semester. Students gain a new awareness about historiography and theories that highlight this growing subfield of American history. Prominent topics covered in lecture and readings include colonization, slavery, suffrage, immigration, sovereignty, labor, ghettoization, art, literature, culture, and the rise of self-determination. Study the intersection of race, class, and gender relations through multiple perspectives of region, ideology, political-economy, and religion.

HIST 3351. The U.S. Presidency Since 1900. (SS; 4 cr. ; Student Option; Fall Even Year)

History of the 20th-century U.S. presidency. Brief consideration of the Presidency before 1900, analysis of performance of presidents since 1900 in roles of chief executive, commander-in-chief, chief diplomat, and chief of state during an era of enlarged governmental functions at home and world power abroad.

HIST 3353. World War II. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Origins, political and military aspects of the war in Europe and Asia, domestic mobilization, the Holocaust and Atomic Bomb, aftermath.

HIST 3355. United States in Transition, 1877-1920. (HIST; 4 cr. ; Student Option; Periodic Fall)

Topics, themes, and problems in U.S. history, 1877 to 1920.

HIST 3356. Civil Rights Era, 1954-1974. (E/CR; 4 cr. ; Student Option; Periodic Fall & Spring)

Background of the Civil Rights movement, emergence of the theory and practice of nonviolence, various Civil Rights groups, role of women, legislative and other accomplishments of the movement, its aftermath and influence.

HIST 3358. Civil War and Reconstruction. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Origin, context, and significance of the Civil War and Reconstruction.

HIST 3359. Native Strategies for Survival, 1880-1920. (HDIV; 4 cr. ; Student Option; Fall Odd Year)

Exploration of the events and policies that sought to eliminate American Indian communities and cultures and the strategies that American Indians developed to survive. Students gain insight into a pivotal time for the "incorporation" of the United States and ongoing tensions between unity and diversity that characterize the nation's political economy and social structure. Paradoxes under scrutiny include the degree to which policies claiming to emancipate actually imprisoned and prisons became homelands.

HIST 3360. American Experience in World War II. (HIST; 4 cr. ; Student Option; Periodic Spring)

Seven former American Presidents were veterans of World War II and over 175,000 books have been published on this subject alone. Arguably this one event has commanded more attention by writers, filmmakers, and academics than any other modern historical event. For decades historians have also debated the significance of World War II. After the conclusion of the war, the worldwide devastation and loss of life had reached apocalyptic proportions and new military technologies, like the atom bomb, forever altered the American experience. Scientists and intellectuals, such as Albert Einstein, emerged as new celebrities. Literally every sector of American society and culture had been transformed by World War II. Investigate these questions and more throughout the semester. It is important to note that this course is not a strict military history of the European and Pacific campaigns. Instead, the purpose of this class is to challenge students to grapple with the historic origins and legacies of the war. prereq: jr or sr or instr consent

HIST 3361. An Environmental and Geographic History of the United States. (ENVT; 4 cr. ; Student Option; Periodic Fall & Spring)

A broad examination of how humans interacted with their natural world throughout American history. Combined emphasis on cultural ecology (the study of how various cultural groups shaped the American landscape) with political ecology (the role of the nation's political economy in driving environmental change). Possible topics include: the Columbian Exchange, European and American Indian conflict, Thoreau and the creation of an environmental ethic, the slaughter of the bison as an ecological tragedy, urbanization and environmental racism, conservation as a political movement and the development of environmental policy, eco-feminism, American religion and the environment, the politics of global climate change. [Note: no credit for students who have received cr for Hist 2361]

HIST 3402. Representations from the Field: American Indian Ethnography and Ethnohistory. (HDIV; 4 cr. ; Student Option; Periodic Fall)

Same as Anth 3402. An analysis of ethnographic and ethnohistoric materials focusing on specific American Indian cultures.

HIST 3403. American Indian Education: History and Representation. (E/CR; 4 cr. ; Student Option; Fall Even Year)

Same as NAIS 3403. Examination of indigenous education in the United States from pre-contact to the late 20th century. Topics include indigenous ways of teaching and learning, efforts to assimilate Native peoples through education, the movement toward educational self-determination within Native communities, and contemporary representations of boarding school experiences. Students also gain insight into

the history of the Morris Indian School and its contemporary representation at UMM.

HIST 3453. The American Presidency, 1789-1900. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Growth and development of the U.S. presidency during its first century. Emphasis on selected presidencies such as those of George Washington, Thomas Jefferson, Andrew Jackson, James K. Polk, Abraham Lincoln, and William McKinley.

HIST 3455. American Immigration. (HDIV; 4 cr. ; Student Option; Periodic Spring)

The role of voluntary migration in U.S. history from the late 18th century to the present. Emphases on settlement, ethnicity, nativism, transnational issues, and immigration law. Possible topics include European immigrants and "whiteness," restriction of immigration from Asia, ethnicity and U.S. foreign and military policy, and the varieties of immigration, legal and undocumented, since 1965.

HIST 3456. History of Religion in America. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

The history of religion in American life from the perspective of ordinary Americans. Religious diversity receives special emphasis. Topics may include New England witchcraft, the First and Second Great Awakenings, American Indian belief systems, nativism and Anti-Catholicism, religion and politics, immigrant religion and new fundamentalist movements.

HIST 3465. History of the American Family. (HIST; 4 cr. ; Student Option; Periodic Spring)

Examination of the history of the American family from the colonial period to the present. One focus is demographic and explores changes in family size and structure due to economic change and modernization. Also examined are altered relationships within families, as the nuclear family became more democratic and affectionate, as the position of women within American life changed, as people began to practice different methods of family limitation, and as childhood and adolescence were recognized as distinctive life course phases. Additional topics include the role of class and cultural differences in defining family systems, shifting gender and sexual norms, the rise of unrelated individuals, and the aging of the population, etc.

HIST 3467. The Fracturing of America: A History of the United States from Nixon to Trump. (HIST; 4 cr. ; Student Option; Periodic Fall)

This course will examine American history from the Vietnam War to the election of Donald J. Trump. Although it will paint a broad picture of American history and engage a wide variety of issues--ranging from foreign policy and the American role in the world to technological and cultural change--the course's primary focus will be on social change and how it played out in American electoral politics. More precisely, the class centers on America coming apart on the wide array of interrelated historical forces whose aggregation beginning with the presidency of Richard Nixon posed severe

challenges to American social arrangements. Thus, the 2016 election of Donald Trump is seen less as a singular political event and more as the product of long-term historical trends. The goal then is to challenge those popular narratives that privilege the significance of certain events, the personality of the candidates and the interworkings of their campaigns and offer a more complicated history based on a deeper understanding of America's recent past.

HIST 3557. East Asia Since 1800. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of the social, political, economic, technological, and cultural changes in East Asia [China, Japan, and Korea] since 1800.

HIST 3612. Social Revolution in 20th-Century Latin America. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of social revolution in 20th-century Latin America. Particular attention paid to social revolution in Mexico, Bolivia, Cuba, and Nicaragua. Populism, democratic attempts at social revolution, and counterrevolution in other parts of Latin America also considered. Key issues include imperialism, capitalism, communism, nationalism, and the Cold War.

HIST 3613. U.S.-Latin American Relations in Historical Perspective. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)

Examination of the history of U.S.-Latin American relations from U.S. independence to the present. Focuses on the political, economic, social, and cultural relationships between the two.

HIST 3614. Race and Ethnicity in Latin America. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring)

Explore issues of race and ethnicity in Latin America from a historical perspective. Covering the colonial and national periods, examine how ideas of race and ethnicity have intersected with political, economic, and socio-cultural developments in the region. Consider the ways in which race, class, and gender have intersected in Latin America.

HIST 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

HIST 4501. Senior Research Seminar in History. (4 cr. ; A-F only; Every Fall & Spring)
Advanced historical thematic analysis and guided research resulting in an original, substantial paper or project. prereq: 3181, instr consent

HIST 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Human Services (HMSV)

HMSV 2202. Criminal Justice and Policing. (4 cr. ; Student Option; Fall Odd Year)

Same as Pol 2202. Law enforcement is a critical function in the United States that operates on the local, state, and national level. This course examines processes, actors, and institutions involved in criminal justice, from the investigation of criminal activity through the arrest and incarceration of individuals. With a focus on modern controversies such as use of force and systemic racism, the course provides students with a critical foundation for understanding the criminal justice system in the context of the United States. prereq: Pol 1202

HMSV 3001. Theory and Practice of Human Services. (SS; 4 cr. ; Student Option; Every Spring)

Discusses Human Services' history and relevant theories. Students learn about the structure and dynamics of organizations, communities, and society as well as the nature of individuals and groups. The human conditions (e.g., aging, delinquency, crime, poverty, mental illness, physical illness, and developmental disabilities) that provide the focus for human service professionals are also discussed. [Note: no credit for students who have received cr for HMSV 2001] prereq: Psy 1051 or Soc 1101 or Anth 1111 or Pol 1201

HMSV 4896. Internship in the Human Services. (1-4 cr. ; S-N only; Every Fall, Spring & Summer)

A supervised educational experience providing field applications in the Human Services for the student's theoretical classroom learning. prereq: Psy 4102, approved internship form; Psy 4101 recommended.

Humanities (HUM)

HUM 1002. Norse Saga. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

Study of medieval sagas, in translation, from Iceland and Norway, and the culture that produced them.

HUM 1006. From the Caesars to the Saints: Walking Ancient Rome. (HIST; 4 cr. ; Student Option; Periodic Summer)

While taking in the culture of modern-day Italy, students visit important ancient monuments in and around Rome as well as the city's museums. Students read ancient and modern authors, keep a daily journal, give an oral presentation about an ancient site, and write a final paper tying together the knowledge they gain from this program.

HUM 1021. Popular Culture and American Politics. (SS; 3 cr. ; Student Option; Every Fall & Spring)

This course is an introduction to American politics and popular culture since the 1940's, exploring the relationship between the two themes. It will especially cover political movements where pop culture plays an important role pushing social change, such as in the civil rights movement, 1960's counterculture, and feminism. The primary objectives of this course to analyze the popular arts as not just an entertainment source but as a force that is shaped by and subsequently shapes American society.

HUM 1051. Greek Drama. (HUM; 4 cr. ; Student Option; Periodic Spring)
Study of Greek drama.

HUM 1305. Career Preparation in World Languages. (2 cr. [max 4 cr.] ; Student Option; Fall Even Year)
Students advance their understanding of the liberal arts, bilingual skills, and a global and interconnected labor market by developing a professional profile and associated materials in the target language and English including a curriculum vitae (CV), resume, and cover letters. Ideally completed in the junior year to allow ample time for career exploration. Can be repeated once but only one credit may count towards French major or minor.

HUM 1801. Talking about Love, War, Gods, and Politics with Greeks and Romans. (IC; 2 cr. ; Student Option; Periodic Fall)
Read and discuss important literary dialogues (epic poetry, tragedy, history, and philosophy) from ancient Greece and Rome as a way to explore key topics of the ancient world, including how democracy works (or should work), individuals and their communities, what love is, gender relations, how we can know the divine, and others. prereq: new college student in their first semester of enrollment at UMM

HUM 1805. Myth: From the Page to the Stage. (IC; 2 cr. ; Student Option; Periodic Fall & Spring)

Grab a thunderbolt and explore the rich tapestry of world mythologies by reading, researching, discussing, creating, and acting. Students familiarize themselves with important myths from various cultures around the world. Students use theatre techniques to creatively engage in classroom role-playing activities as well as projects such as a myth mask, future myth, and a myth collage. At the end of the semester, students perform a short original play focusing on one of the myths studied in class. prereq: new college student in their first semester of enrollment at UMM

HUM 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

HUM 2011. On War: History, Ethics, and Representations of Modern Warfare. (HUM; 4 cr. ; Student Option; Periodic Fall)
Explores accounts of several 20th-century American wars. Includes a wide range of course materials (film, journalistic accounts, philosophical essays, and literary texts) and perspectives on war—from the generals to the "grunts" and nurses, from American and non-American perspectives, and from scholarship to oral narratives. prereq: Engl 1601 (or 1011) or equiv

HUM 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

HUM 3108. Community Interpreting. (E/CR; 3 cr. ; Student Option; Every Fall)
Intended for students with advanced skills in a language other than English, trains participants to serve as Community Interpreters, supporting people with emerging English language skills in gaining access to essential services, such as educational, medical, and social services resources. This course meets international standards for training community interpreters. prereq: advanced proficiency in a language other than English

HUM 3402. Learning Languages for Reading: Practice and Theory of Learning Old Languages. (HUM; 4 cr. [max 12 cr.] ; Student Option; Periodic Fall & Spring)
Students will learn about language teaching and learning, the study of English grammar, the study of second-language grammar, and how to evaluate language teaching materials used to promote reading skills. Students will apply the skills they learn to one language that today exists only in text chosen in consultation with the professor.

HUM 3511. French Disability Studies. (HDIV; 3 cr. ; Student Option; Periodic Fall)
Exploring the history and representation of disability in French literature, art, and culture, this course seeks to understand the experiences of disabled people and their communities in different historical periods and through a variety of genres, including medical histories, memoir, media coverage, art, and literature. French skills not required.

HUM 3601. Studies in German Literature. (HUM; 4 cr. ; Student Option; Periodic Spring)
Same as Ger 3601. Selected readings in German reflecting modern literary trends. Examination of the cultural politics in the evolution of the literature in the formerly divided Germany, using plays, novels, biography, and documentary reports. Deals with questions of literary theory, history, and socio-political structures. Taught in English.

HUM 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

HUM 4102. Linguistics for Students of Literature. (HUM; 4 cr. ; Student Option; Periodic Spring)
Course offers an introduction to language-based approaches to literature. Directed at literature majors (in any language) to enhance close reading through the linguistic analysis of literary language. Topics will include syntax, phonetics, metaphor, speech act theory, sociolinguistics (non-standard dialects), and metrics/prosody. prereq: jr or sr status

HUM 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

IS 1041. Health Sciences Terminology. (2 cr. ; Student Option; Every Fall & Summer)
A self-study course that has been designed to provide students with a working knowledge of the terminology utilized in the health sciences. There are no formal class sessions. Students take four tests during the term.

IS 1051. Introduction to College Learning Skills. (4 cr. ; S-N or Audit; Every Summer)
Essential skills for success in higher education. Introduction to writing, math, and the academic and social skills needed for the transition from high school to college. [Note: counts towards the 60-cr general ed. requirement] prereq: participation in Gateway Program or instr consent

IS 1061. Making Your Way: Developing Skills for Success in College. (2 cr. ; S-N only; Every Fall & Spring)
Practical assistance to develop efficient, effective learning/academic performance skills. Improve reading, memorization, test-taking, critical thinking; identify academic and career learning styles, motivation, life skills, and their relation to successful academic performance. prereq: instr consent

IS 1071. Systematic Introduction to the Art and Science of Emergency Medical Care. (; 4 cr. ; S-N only; Every Fall & Spring)
Introduction to emergency medical care. Develops skills and knowledge to respond appropriately to a medical emergency. (The Stevens County Ambulance Service sets and requires an independent fee.) prereq: registration with the Stevens County Ambulance Services; arrangements must be made by contacting them at 320-589-7421

IS 1091. Ethical and Social Implications of Technology. (E/CR; 2 cr. ; Student Option; Every Spring)
Description of appropriate technological advances. Historical development related to technology and its development cycle. Discussion of the ethical and social implications of technology.

IS 1101. Morris 1101. (1 cr. ; S-N only; Every Fall)
This course supports students' transition to UMN Morris. Coursework focuses on establishing strong campus connections, developing college-level academic success strategies, and implementing health and wellbeing practices in the context of undergraduate living and learning. prereq: new college student in their first semester of enrollment at UMM

IS 1102. Morris 1102. (1 cr. ; S-N only; Every Spring)
This course focuses on college, life, and career pathway planning. Course discussions and activities emphasize articulating personal and professional values and capacities, identifying career readiness skills in the context of a liberal arts education, exploring majors and careers, preparing for enrichment opportunities, and drafting professional materials. The course builds on IS1101, but is open to other first year students with instructor consent. prereq: 1101 or instr consent

Interdisciplinary Studies (IS)

IS 1802. Music, Education, and the Liberal Arts. (IC; 2 cr. ; Student Option; Periodic Fall)
What is a liberal arts education, and how does music fit into this idea? How does one succeed in such an environment? Explore the liberal arts approach and the role of music in education. This course also helps students to develop skills that are crucial to success in a liberal arts college environment. prereq: new college student in their first semester of enrollment at UMM

IS 1803. Dangerous Minds: Images of Education in Popular Culture. (IC; 4 cr. ; Student Option; Periodic Fall)
Are college students always drunk? Do faculty members routinely have affairs with students? Can marginalized students triumph over adversity in high school? Should a college education be free for anyone who wants to attend? Are sports overemphasized in schools? These are only a sampling of the questions the class will explore by putting a critical lens up to representations of education in popular culture. Through the use of books, film, television, and news stories, students determine if they are being properly represented in today's society or if college really is "Animal House." prereq: new college student in their first semester of enrollment at UMM

IS 1804. Community Engagement: From Volunteerism to Social Justice. (IC; 4 cr. ; Student Option; Periodic Fall)
Introduction through readings and discussion to multiple frameworks for community engagement, ranging from meeting individual people's and agency's needs through direct volunteerism to engaging in research and direct action intended to create systematic change. In the process of studying these frameworks, students are exposed to a variety of controversies in the service-learning field. Students are also introduced to Stevens County through field trips to community agencies. Students complete a community engagement project that reflects their academic and professional goals and meets community needs. Projects can range from volunteering directly at an agency to planning a fundraiser or educational event with a partner to completing a manageable community-based research project. [Note: requires off-site meeting times to be arranged] prereq: new college student in their first semester of enrollment at UMM

IS 1806. Bottom Dwellers in an Ocean of Air. (IC; 2 cr. ; Student Option; Fall Odd Year)
We live on the bottom of an ocean of a mix of gases and vapors which is kept in constant, chaotic motion by uneven heating and planetary rotation, thus evading our control. We, as humans, are often on the defense or in a role of passive adaptation with regard to weather. Are human beings victims or actors on the stage of global atmospheric dynamics? Striving to assemble an answer to this question, students in the course: (1) mine human history for cases in which significant interaction between human society and climate was found; (2) study individual events in which history and weather were intertwined; (3) learn about palaeoclimate research; and (4) pay

particular attention on how this interaction between society and atmosphere is shaped in the modern world. The physical principles of weather and climate are introduced as needed for meaningful discussion. prereq: new college student in their first semester of enrollment at UMM

IS 1808. Agents and Agency: Modeling Emergence in the Social Sciences. (IC; 2 cr. ; Student Option; Periodic Fall)
Agent-based modeling is a computer-based technique for investigating how complex systems can emerge from the behaviors of the people (or other agents) that form the system. Agency is the ability to act according to one's own will, rather than following social and cultural rules of behavior. Can aspects of human societies "emerge" from many simple interactions between agents, constantly repeated? Or are human choices responsible for the structure and attributes of human societies? Is there really a difference, or are these two ways of looking at the same phenomenon? Explore the potential and pitfalls of agent-based modeling as a technique for understanding human societies, through a mixture of readings, discussion, and the hands-on development of small-scale computer models. No previous technical or programming experience necessary. prereq: new college student in their first semester of enrollment at UMM

IS 1810. Global Flashpoints. (IC; 4 cr. ; Student Option; Periodic Fall)
Focus on information literacy by engaging with a select range of unfolding world events. Students are mutually responsible for providing insight and context into these events. The course promotes global citizenship while teaching information literacy skills. prereq: new college student in their first semester of enrollment at UMM

IS 1811. Beyond Shushing: Libraries in the 21st Century. (IC; 2 cr. ; Student Option; Periodic Fall)
Through readings, discussion, writing, and a service learning project, this class explores the role of libraries and literacy in the 21st century, focusing on the cultural, intellectual, and economic value of literacy. [Note: off campus meetings required] prereq: new college student in their first semester of enrollment at UMM

IS 1812. As We Beg, Borrow, and Steal: Sampling, Quoting, and Appropriation in the Digital Age. (IC; 2 cr. ; Student Option; Periodic Fall)
Explore the history of borrowing, quoting, sampling, and appropriation in the creation of cultural artifacts such as visual arts, music, writing, film, and scientific research, as well as the impact of digital technologies on these trends today. Students create new artifacts using appropriation techniques to both illustrate and comment on these issues. prereq: new college student in their first semester of enrollment at UMM

IS 1814. Big Ideas in Science. (IC; 2 cr. ; Student Option; Periodic Fall)

Explore big ideas in science, including the major theories that are the foundations of our current understanding of the universe. Delve into Atomic Theory, Plate Tectonics, Periodic Law, Evolution, and the Big Bang Theory. prereq: new college student in their first semester of enrollment at UMM

IS 1816. Why We Eat What We Eat. (IC; 2 cr. ; Student Option; Periodic Fall)
Explores the biological, historical, and cultural origins of eating patterns in the United States and the wider world and the health and environmental consequences of those eating patterns. Students document and reflect upon their own eating patterns and culinary traditions. Current controversies in food production and nutrition are examined. [Note: one evening meeting required] prereq: new college student in their first semester of enrollment at UMM

IS 1817. For Love, Money, or Meaning? Why We Work in the 21st Century. (IC; 2 cr. ; Student Option; Periodic Fall)
Is work the curse ancient Greeks believed or is Camus - "without work all life goes rotten" - closer to capturing the truth? What makes work satisfying? Soul destroying? Will work vanish when machines can replace human labor? This course explores these themes as it examines the evolution of paid labor in modern economies and the various reasons why people choose to work. prereq: new college student in their first semester of enrollment at UMM

IS 1818. Creative Problem Solving. (IC; 2 cr. ; Student Option; Periodic Fall)
Learn and improve creative problem-solving skills working as a team. Create and evaluate solutions to both small problems (to explore in a single class period) and larger problems (to work on for several weeks). Highly interdisciplinary, participatory, and hands on. Problems and curriculum for the course are based on Odyssey of the Mind, an international problem-solving program. Requires presenting group projects in an event outside of class. prereq: new college student in their first semester of enrollment at UMM

IS 1993. Directed Study. (1-5 cr. [max 10 cr.]; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

IS 2001H. Honors: Traditions in Human Thought. (HUM; 2 cr. ; Student Option; Every Fall)
A study of a selection of significant works from history, literature, philosophy, science, and religion across continents from the earliest writings to the present day. Critical reading, writing, and discussion in an interdisciplinary context are emphasized. prereq: participation in the Honors Program or instr consent

IS 2023. Fine and Performing Arts of London. (FA; 2 cr. [max 6 cr.]; Student Option; Periodic Summer)
A 14-day arts and culture tour of London. Admission to major museums and theatres

highlights the diversity of London's arts and cultural traditions. Includes tours of the city: Buckingham Palace, Westminster, St. Paul's Cathedral, Abbey Road, Carnaby Street, and Portobello Road. Provides tickets for a variety of theatrical performances: Shakespeare's Globe Theatre, the National Theatre, and the West End. Museum entry covers: the British Museum, National Portrait Gallery, Hayward Gallery, Tate Modern, Victoria and Albert Museum, and Tate Britain.

IS 2024. Linking the Global with the Local: Development in Nepal. (IP; 6 cr. ; Student Option; Periodic Summer)

Introduction to the study of international development as present in the country of Nepal. Throughout this course, students explore and discuss power relations and systems of inequality within the context of global, national, and local social development efforts. Specifically, the course explores the historical construction of terms such as "social development" and "sustainable development." Students gain insight into the impact of international and national development efforts on a macro-level (e.g., social institutions such as the United Nations and the Government of Nepal) and on a micro-level (e.g., local community development groups). Through these activities, students recognize the diversity of people's and communities' experiences and participation/activism in these efforts as shaped by gender, race, ethnicity, caste, social class, region, and religion. Students engage in critical thinking, writing, reflection, and dialogue through both written and oral assignments, as well as cooperative group work throughout the course.

IS 2035. Aging and Healthcare in Greece: Comparative Cultural Practices and Social Policy. (IP; 4 cr. ; Student Option; Periodic Spring)

International service-learning course in Athens and the island of Ikaria that explores cross-cultural differences between Greece and the United States in the meaning and experience of aging and the delivery of healthcare, as well as in the social and institutional supports for the aging population. Focus on the role of the community and public sector in promoting optimal aging in rural areas. Students spend two hours per day in the classroom and 4-6 hours per day at a nursing home and rural hospital.

IS 2039. Understanding Cuba. (IP; 2 cr. ; A-F only; Periodic Spring)

A two-week study-abroad course in Cuba led by two UMM faculty members from various disciplines on a rotating basis. Itineraries and syllabi vary depending on the coordinating faculty, but each iteration of the course includes experiential learning, classroom instruction, excursions, and guest speakers in Havana and other Cuban locations.

IS 2044. Chasing the Plague in Edinburgh: Scientific and Literary Perspectives on Infectious Disease. (IP; 4 cr. ; A-F only; Periodic Summer)

Exploration of the scientific history and literature of plagues in Scotland, with a special

focus on Edinburgh. As a city ravaged by the plague twice, Edinburgh represents the ideal location to explore how infectious disease has shaped and continues to shape culture, architecture, history, and identity. Students spend four weeks in residency in Edinburgh discovering the city, gaining a first-hand understanding of its literary and scientific history, and occasionally traveling to nearby sites. Through a mixture of in-classroom lectures and reading discussions, site-specific activities around the city, and trips to related areas, students gain a greater understanding of the impact infectious disease can have on a population. In addition to engaging literarily with the plague, students are also introduced to relevant topics in immunology and explore current research on the prevention and treatment of infectious diseases.

IS 2102. Research Success Seminar. (1 cr. ; S-N only; Every Spring)

A one-credit seminar that introduces McNair Scholars to academic research and communication. Scholars write a research proposal, learn literature searching skills, prepare to carry out research with a faculty mentor, and learn how to prepare for the GRE. prereq: instr consent

IS 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

IS 3001. Career Skills for STEM Majors. (1 cr. [max 2 cr.] ; S-N only; Periodic Fall)

Targets the career know-how specific for the STEM fields as identified by professional organizations. This includes, in particular, competence in career exploration, identification of a skill set, the matching of skill set and opportunity, the building of a resume, and interview skills. The course facilitates visits by guests, in particular alumni and scientists in industrial and other non-academic positions. Students identify their strengths and weaknesses, and explore career options using the career sites of professional organizations in their field. Includes mock interviews, searches for summer internships and research opportunities, and the preparation of appropriate application materials. Learn to market career skills (strong liberal arts skills: teamwork, communication, languages, and leadership) in the STEM fields, and build an informed and targeted basis for course choice in the upper levels. Connect students with on-campus and professional organization resources. Intended for junior STEM students. (half semester, 50 min lecture and 50 min arranged time) prereq: Division of Science and Math major, jr status

IS 3053. Irish Texts and Contexts. (ENVT; 4 cr. ; Student Option; Periodic Summer)

This study abroad course explores the intimate relationship between Irish literature and the spaces in which it developed, from the geographical features that gave prehistoric Irish myths their shape to the large estates that produced poets like William Butler Yeats. The

course involves three weeks of travel to many different locations throughout Ireland.

IS 3103. Graduate Success Seminar. (1 cr. ; S-N only; Every Fall)

Prepares students for application and admission to graduate school. Emphasis on writing and professional skill development. prereq: admission to the McNair Program

IS 3104. Sustaining Community: Stewardship, Leadership, and Social Change. (E/CR; 4 cr. ; A-F only; Spring Even Year)

Study leadership theories, social action, and community engagement. Gain familiarity with local issues related to sustainability and environmental stewardship through participation in regional tours and engaging with guest speakers. In collaboration with stakeholders in the regional community, students design and implement a community-engaged learning project to address a regional community need. prereq: EnSt 1101 or instr consent

IS 3110. Rural Community Field Project: Center for Small Towns. (SS; 1-6 cr. ; S-N only; Periodic Fall & Spring)

An educational experience in a rural learning environment that focuses on rural issues of community life, demography, culture, environment, and policy. A collaborative effort between Center for Small Towns and a public rural entity provides a structured environment in which civic engagement objectives are achieved and grounded in a practical setting. Students gain a valuable understanding about the historical social structures of rural society and witness these structures firsthand. [Note: meets the SS general education requirement if taken for 2 or more cr] prereq: instr consent

IS 3111H. Honors: The End of the World as We've Known It: The Apocalypse Then and Now. (SS; 2 cr. ; Student Option; Periodic Spring)

Exploration of the occasions and representations of apocalyptic views, focusing on the historical, political, and psychological implications. Antecedents and effects of end-of-the-world prophecies are explored through the use of popular culture (e.g. music, science fiction, other media), writings from across cultural and religious frames of reference, and various historical, political, and psychological resources. prereq: participation in Honors Program or instr consent

IS 3123. Living With Intention: Vocation, Community, and Social Change. (E/CR; 4 cr. ; Student Option; Periodic Summer)

"Vocation is the place where our deep gladness meets the world's deep need," philosopher and storyteller Frederick Buechner wrote. Through career assessments, readings, reflective writing, service-learning, and a final cumulative project, this course provides a context for exploring the change individuals might make in their communities through work and civic engagement.

IS 3203H. Honors: A Cross-Section of the Enlightenment. (HIST; 2 cr. ; Student Option; Periodic Fall & Spring)

A cross-section of the cultural and intellectual history of the 18th century. Figures to be studied may include Descartes, Newton, Locke, Hume, Hobbes, Rousseau, Voltaire, Lavoisier, d'Holbach, and Blake. prereq: participation in Honors Program or instr consent

IS 3206H. Honors: Introduction to Game Theory. (M/SR; 2 cr. ; Student Option; Periodic Fall & Spring)

Introduction to the formal theory of strategic interaction and to the intuitions behind the theory. Applications to a selection of problems in the natural and social sciences, such as biological evolution, tacit collusion in pricing, strategic behavior in international relations, and strategy in legislative voting. [Note: credit will not be granted if credit has been received for Econ 3014] prereq: participation in the Honors Program, high school higher algebra or instr consent

IS 3211H. Honors: Republic or Empire? The American 1890s. (HIST; 2 cr. ; Student Option; Periodic Fall & Spring)

The 1890s are often seen as a cultural watershed for the United States. Depression, political movements, and a "splendid little war" against Spain and the Philippines represent only the surface of a decade which altered aspects of race, class, gender, and literary sensibility. prereq: participation in the Honors Program or instr consent

IS 3215H. Honors: Sagas before the Fall: Culture, Climate, and Collapse in Medieval Iceland. (ENVT; 2 cr. ; Student Option; Periodic Fall & Spring)

Exploration of the literary and physical record of society in Viking-age Iceland from its settlement during the Medieval Warm Period, through centuries of environmental degradation and changing religion, to the onset of the Little Ice Age and the end of the Icelandic free state. prereq: participation in Honors Program or instr consent

IS 3216H. Honors: Perspectives on Disability in Contemporary American Life. (HDIV; 2 cr. ; Student Option; Periodic Fall & Spring)

Introduction to the interdisciplinary field of disability studies, which favors a social rather than medical approach to understanding difference. History and struggle for civil rights, identity issues, contemporary controversies, and exploring the frontiers of one's own interest in disability by means of a service learning project. prereq: participation in Honors Program or instr consent

IS 3217H. Honors: The Trial of Galileo. (HIST; 2 cr. ; Student Option; Periodic Spring)

The dispute between Galileo and the Inquisition produced one of history's most notorious trials, an enduring symbol of the struggle between science and religion. Study of the complicated history behind the myth by re-enacting the trial and learning about the theology, science, and cultural politics of this tumultuous period. prereq: participation in Honors Program or instr consent

IS 3237H. Honors: The Power of Place: An Interdisciplinary Approach to Where We

Live. (ENVT; 2 cr. ; Student Option; Periodic Spring)

Goes beyond the image and myth of Lake Wobegon in examining the past and present of West Central Minnesota. An intensely interdisciplinary focus on environmental, social, political, and economic change and how modern global forces play out in this specific setting. Community leaders and experts play an active role in lecture and discussion. prereq: participation in the Honors Program or instr consent

IS 3238H. Honors: In Search of Nietzsche. (IP; 4 cr. ; Student Option; Periodic Fall)

In this interdisciplinary course, read some books by and novels about Nietzsche in order to discover who this remarkable man was. Authors to be discussed: Nietzsche, D.H. Lawrence, Richard Wright, Milan Kundera, Nicholas Mosley, and Irvin D. Yalom. prereq: participation in Honors Program or instr consent

IS 3240H. Honors: Proud Decade or Dark Age? The American 1950s. (HIST; 2 cr. ; Student Option; Periodic Fall & Spring)

Many old enough to remember the American 1950s look back on them with nostalgia. Some do not. This seminar studies several aspects of the decade: the Cold War at home and abroad, American society, literature, and popular culture. Student presentations focus on biographical research. prereq: participation in Honors Program or instr consent

IS 3241H. Honors: Worldviews. (SCI; 4 cr. ; Student Option; Periodic Fall & Spring)

The Copernican Revolution, culminating in Newton's System of the World, and modern cosmology beginning with the work of Einstein, Hubble, Friedmann, Lemaitre, and Gamow, culminating in the contemporary theory of the universe's accelerated expansion. prereq: participation in the Honors Program or instr consent

IS 3242H. Honors: Two Cosmological Poets: Dante and Lucretius. (IP; 2 cr. ; Student Option; Periodic Fall)

Explore, compare, and contrast the cosmological poems "On the Nature of Things" (De Rerum Natura, DRN) of Titus Lucretius Carus (ca. 99-55 BCE) and "The Divine Comedy" (Commedia) of Dante Alighieri (1265-1321 CE). The two poets diverge on almost every aspect of cosmological outlook and notion of the moral life and right living. prereq: participation in the Honors Program or instr consent

IS 3244H. Honors: Fascism, the Resistance, and Their Legacy in Contemporary Italy. (IP; 2 cr. ; Student Option; Periodic Fall & Spring)

Study of Italian Fascism and the Resistance and the continued significance these two phenomena have for contemporary Italian identity. Primary texts include historical documents together with works of literature and film. Students have the opportunity to research the topic of resistance to oppressive regimes in other national contexts. prereq: participation in Honors Program or instr consent

IS 3245H. Honors: Archaeology Mythbusting. (SS; 2 cr. ; Student Option; Periodic Spring)

This honors class explores the world of pseudoarchaeology and archaeological fraud, from Atlantis to aliens. Discuss why myths and pseudoscience are so prevalent in popular representations of the past, and whose interests are served by them. Students engage in scientific outreach through the media of their choice to spread the word about archaeological truth and fiction. prereq: participation in the Honors program or instr consent

IS 3246H. Honors: Science, Poetry, and the Great War. (SCI; 4 cr. ; Student Option; Periodic Fall)

Theory of atoms and the rise of quantum theory in the years bracketing those of World War One, 1914-1918. The War as reflected in the lives of Wilfred Owen, Siegfried Sassoon, Isaac Rosenberg, Robert Graves and others. prereq: participation in Honors Program or instr consent

IS 3247H. Honors: Heroes of Ancient Greece and Rome. (HUM; 2 cr. ; Student Option; Periodic Fall)

Explore several types of heroes found in ancient Greek and Roman mythology and literature. Discuss such questions as: What makes a character a hero? What kinds of real-world issues did literary heroes help Greeks and Romans think about? Were they meant to be emulated? How might they be relevant to the modern world? prereq: participation in Honors Program or instr consent

IS 3248H. Honors: Art and History of the Crusades. (FA; 2 cr. ; Student Option; Periodic Fall)

The Crusades mark a crucial turning point in the Christian West's interaction with the Holy Land that still has immense repercussions to this day. The focus of this co-taught honors course is the multi-layered intersections between the history of the Crusades and the "Western" kingdoms established in the eastern Mediterranean (c. 1099-1291 CE) and the art and architecture produced there. prereq: participation in the Honors Program or instr consent

IS 3249H. Honors: Literature Through Opera. (FA; 2 cr. ; Student Option; Periodic Fall)

Opera is often a musical staging of a preexisting story from literature or theater. While it combines music, drama, and visuals like film, opera is fundamentally different in that the audience already knows the story on which the opera is based. What do composers and librettists hope to add to their audience's understanding of a work they already know by setting it to music? Explore this cultural question through close examination of works of literature and the operas on which they are based. prereq: participation in Honors Program or instr consent

IS 3250H. Honors: Moral Sentimentalism. (HUM; 4 cr. ; A-F only; Periodic Spring)
An examination of the foundations of morality. Classical and contemporary readings are juxtaposed with emerging interdisciplinary

research on topics such as empathy, altruism, game theory, psychopathy, and disgust.
prereq: participation in the Honors Program or instr consent

IS 3251H. Honors: Chariots and Gladiators: Ancient Greek and Roman Athletics. (HIST; 2 cr. ; Student Option; Periodic Spring)
Explore aspects of Greek and Roman sport by reading ancient accounts and modern scholarship. Discuss questions such as: how were athletic events linked to religion? What role did women have at these events? How were victors honored? What happened at a gladiator show? Who organized games? How do ancient competitions influence modern athletics? prereq: participation in Honors Program or instr consent

IS 3253H. Honors: Honoring Native Treaties: Human Rights and Civic Responsibilities. (E/CR; 2 cr. ; Student Option; Periodic Spring)
Examination of North American Indigenous treaties with Canada and the United States, the human rights concerns those treaties bring into focus, and the civic responsibilities the treaties entail. Includes both historical treaty issues, such as the 1868 Treaty of Fort Laramie and its implications for the ownership of the Black Hills, the 1851 Treaty of Traverse de Sioux and the Dakota War of 1862, and more current movements tied to treaty obligations. Survey of leaders and leadership styles in both historic treaty negotiations and contemporary indigenous rights movements. prereq: participation in Honors Program or instr consent

IS 3254H. Honors: The Prairie: What It Was, What It Is, What It Can Be. (ENVT; 2 cr. ; A-F only; Periodic Fall)
Examination of the history, biology, and literature of the prairie. Through field trips, readings, and writing, students understand one of the great ecosystems in North America, one that has almost disappeared (less than 1% of the prairie remains in Minnesota), but one that has influenced our region in ways obvious and not-so-obvious. We ask what our responsibilities are to the prairie and its future. prereq: participation in Honors Program or instr consent

IS 3255H. Honors: Machine Learning in Society: Who Trains Whom?. (SS; 2 cr. ; Student Option; Periodic Spring)
Challenges to the view that algorithms are fair and unbiased. Discussion of key machine learning mechanisms and the role of training data in determining algorithms' outcomes. Exposure of how data rooted in current social processes may introduce biases into machine learning, which perpetuates these biases in society.

IS 3256H. Honors: White City, White Countryside: An Economic and Environmental Geography of the Upper Midwest. (; 2 cr. ; A-F only; Periodic Spring)
An interdisciplinary honors course examining the emergence of Chicago as the commercial hub for the midwest following European settlement. Focus on the commodities (lumber, wheat, beef, etc.), the technologies (railroads, shaft power, grain elevators, etc.), and the

social innovations (the Chicago Board of Trade, futures markets, etc.) that integrated countryside and city in an unprecedented economic and environmental transition. prereq: participation in Honors Program or instr consent

IS 3257H. Honors: Confrontations with Power: Three Case Studies. (IP; 2 cr. ; Student Option; Periodic Fall & Spring)
Galileo: Copernicus suspended, Galileo tried, and three popes. Voltaire: "Treatise on Tolerance"; the Calas and de La Barre affairs. Akhmatova and Mandelstam: Acmeist poets, Bolsheviks, and Stalin; "Hope Against Hope." prereq: participation in Honors Program or instr consent

IS 3258H. Honors: Medieval Afterlives: Once and Future Things. (HUM; 2 cr. ; Student Option; Periodic Spring)
The phenomenon of "Victorian medievalism" - the broad fascination with and deployment of medieval ideas and materials in 19th-century England - offers a prime opportunity for students to engage with interdisciplinary approaches to the past. The course will prompt students to consider how and why British cultures from Queen Victoria's crowning in 1837 through the end of the century became so preoccupied with ideas of "the medieval." From King Arthur and the characters of Camelot to Vikings, crusaders, Robin Hood, and the social ideals of chivalry and courtly love, the Middle Ages provided rich material out of which Victorians responded to and refashioned their own world. prereq: participation in the Honors Program or instr consent

IS 3259H. Honors: The Bloomsbury Group and the Role of the Arts in Modern Life. (; 4 cr. ; Student Option; Periodic Fall & Spring)
Explores the art and writings of members of The Bloomsbury Group in the early 20th century. Students will explore links between the writings and art of icons of early 20th century artistic, literary, philosophical, and economic history who promoted the value of the arts and sparked influential developments in a wide variety of disciplines. prereq: participation in Honors Program or instr consent

IS 3710. Peer Tutoring in College. (; 1-2 cr. [max 6 cr.]; S-N only; Every Fall)
Tutor students in selected courses.

IS 3720. Tutoring Writing Across the Disciplines. (1-2 cr. [max 6 cr.]; S-N only; Every Fall & Spring)
Tutor student writers at the Writing Room; meet regularly with other tutors for ongoing training in peer writing tutoring. prereq: Engl 1601 (or 1011) or equiv, soph standing, instr consent, coreq Engl 3005 for students in their first sem at the Writing Room

IS 3796. Interdisciplinary Internship in the Helping Professions. (1-16 cr. [max 32 cr.]; S-N only; Every Fall, Spring & Summer)
One-semester educational experience providing field applications in the helping professions (social work, counseling, casework, child protection services, educational settings, human resource counseling, and the like) for the student's theoretical classroom learning

experiences. Prereq-Psy 4102, approved internship form; Psy 4101 recommended.

IS 3800. Practicum in Social Sciences. (1-2 cr. [max 12 cr.]; S-N only; Every Fall & Spring)
Supervised experience of selected learning activities such as discussion group leader, lab assistant, research assistant, or other teaching-related activities. [Note: no more than 4 credits may be applied to the bachelor of arts degree] prereq: approved practicum form

IS 3810. Practicum in the Humanities. (1-2 cr. [max 12 cr.]; S-N only; Every Fall & Spring)
Supervised experience of selected learning activities such as discussion group leader, test review leader, research assistant, or other teaching-related activities. [Note: no more than 4 credits may be applied to the bachelor of arts degree] prereq: approved practicum form

IS 3820. Practicum in Education. (1-2 cr. [max 12 cr.]; S-N only; Every Fall & Spring)
Supervised experience of selected learning activities such as discussion group leader, test review leader, research assistant, or other teaching-related activities. This course does not meet a field experience requirement for teacher preparation programs. [Note: no more than 4 credits may be applied to the bachelor of arts degree] prereq: approved practicum form

IS 3893. Prior Learning Directed Study. (1-4 cr. [max 10 cr.]; Student Option; Every Fall & Spring)
Individualized learning project combining prior learning with faculty-directed new learning, awarding academic credit for both. (When content is discipline-related, discipline designation will appear on transcript and credit may count toward appropriate general education requirement category.)

IS 3896. Prior Learning Internship. (1-16 cr. [max 32 cr.]; S-N only; Every Fall & Spring)
An educational experience in a work environment providing field application for the student's theoretical classroom learning experiences. The prior learning internship, such as in social service or business settings, occurred prior to the student's matriculation. The prior learning is documented and combined with faculty-directed new learning, with credit awarded for both.

IS 3991H. Honors Co-Curricular Independent Study. (; 1-2 cr. ; A-F only; Every Fall & Spring)
Co-curricular honors credits may be earned by writing a paper that explores a co-curricular experience such as study abroad, off-campus internship, national student exchange, service-learning, or directed research. Students pursuing this option must seek pre-approval. Projects are directed and assessed by the Honors Director.

IS 3993. Directed Study. (1-5 cr. [max 10 cr.]; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

IS 3996. Interdisciplinary Internship. (1-16 cr. [max 32 cr.]; S-N only; Every Fall, Spring & Summer)

One-semester educational experience in a work environment providing field applications for the student's theoretical classroom learning experiences.

IS 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

IS 4994H. Honors Capstone Project. (; 2 cr. ; Student Option; Every Fall & Spring)
A substantial scholarly or creative interdisciplinary work designed by the student working cooperatively with a project adviser. Upon completion, the project is defended before a panel of faculty from different disciplines. Successful completion of the honors capstone project is one of the requirements for graduating from UMM "with honors."

Italian (ITAL)

ITAL 1001. Beginning Italian I. (; 4 cr. ; Student Option; Every Fall)
Introduction to Italian as it is presently spoken and written. Basic sounds, structures, and vocabulary of Italian. Understanding, reading, and writing the language and communicating in Italian about everyday situations. Relationship between culture and language.

ITAL 1002. Beginning Italian II. (WL; 4 cr. ; Student Option; Every Spring)
Continuation of 1001. prereq: 1001 or placement or instr consent

ITAL 1104. Major Works of Italian Literature in Translation from the Middle Ages to the Present. (HUM; 4 cr. ; Student Option; Periodic Spring)
Survey of Italian literature from the Middle Ages to the present. Attention given to major works of narrative, poetry, and drama of various periods. Emphasis on ground-breaking works that constituted a challenge to prevailing literary and cultural values. This course is conducted in English; all texts will be read in English translation.

ITAL 1105. Italian Cinema. (IP; 4 cr. ; Student Option; Periodic Spring)
Study of Italian cinema from the silent era to the present, focusing on significant genres and directors, as well as on critical approaches to film studies. Taught in English; all films have English subtitles.

ITAL 1311. Modern Italy through Literature and Film. (HUM; 4 cr. ; Student Option; Periodic Spring)
The political, social, and cultural transformations of Italy from 19th-century unification to contemporary issues of immigration and multiculturalism as reflected in literature and film. Topics include forging a national identity; Fascism, the Resistance and post-war period; the "southern question"; the "economic miracle"; current cultural issues.

ITAL 1331. The Eternal City: The Language and Culture of Rome I. (WL; 4 cr. ; Student Option; Periodic Summer)

Beginning course for UMM study abroad in Rome, Italy. Four weeks of Italian language together with the art and literature of Rome. Emphasis on works of art, literature, and film belonging to several periods and addressing the history and character of the city. Excursions to relevant sites in and near Rome. No previous experience in Italian required.

ITAL 1801. Rome: The City in Literature and Film. (IC; 2 cr. ; Student Option; Periodic Fall)
Study of representations of the city of Rome in significant works of Italian literature and film. Topics include the rhetorical construction of national and cultural identities, the individual's relationship to fictional and lived space, the city as stage for major cultural and political preoccupations of contemporary Italy. Conducted in English. prereq: new college student in their first semester of enrollment at UMM

ITAL 1802. Italian Cultural Landscapes: Migration and the Environment in Literature and Film. (IC; 2 cr. ; Student Option; Periodic Fall)

The study of depictions of migration in works of Italian literature and film, with emphasis on the interactions between humans and the natural and constructed spaces they inhabit. Topics include internal migration, diasporic communities within Italy, and contemporary migration to Italy and Europe. Conducted in English. prereq: new college student in their first semester of enrollment at UMM

ITAL 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ITAL 2001. Intermediate Italian I. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)
Continued development of listening, reading, writing, and speaking skills; review of the fundamental elements of the Italian language. Emphasis on authentic cultural and literary texts appropriate to this level. prereq: 1002 or instr consent

ITAL 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

ITAL 3331. The Eternal City: The Language and Culture of Rome II. (IP; 4 cr. ; Student Option; Periodic Summer)
Advanced course for UMM study abroad in Rome, Italy. Four weeks of Italian language together with the art and literature of Rome. Emphasis on works of art, literature, and film belonging to several periods and addressing the history and character of the city. Excursions to relevant sites in and near Rome. Prereq-1302 or equiv.

ITAL 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a

faculty member for academic credit in areas not covered in the regular curriculum.

ITAL 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Language (LANG)

LANG 1061. Writing in the American University I. (; 3 cr. ; Student Option; Every Fall & Spring)

Writing course for non-native speakers of English at the advanced level, developing competency in standard written English with a focus on development of paragraphs, exploration of the writing process, and experience with various rhetorical styles of essays in preparation for the demands of classroom writing.

LANG 1062. Reading in the American University. (; 2 cr. [max 4 cr.] ; Student Option; Every Fall & Spring)

For non-native speakers of English. Course focuses on developing and reinforcing essential reading skills including vocabulary strategies/word studies; identifying elements of the text to support comprehension; critical thinking and analysis; and more micro-skills such as predicting, skimming, scanning and inferring. prereq: non-native speaker of English, instr consent

LANG 1063. Academic Culture and Oral Skills in the American University. (; 2 cr. ; Student Option; Every Fall & Spring)

For non-native speakers of English. Designed to assist international students with the transition from the social/educational systems in their own cultures to the social/educational systems in the United States. Primary focus on oral skills; coursework focuses on class participation, discussion, note-taking, and critical thinking. prereq: non-native speaker of English, instr consent

LANG 1064. Preparing for the American Liberal Arts Classroom. (3 cr. ; Student Option; Every Summer)

Prepares international students for norms and rigors of English-language, liberal arts college classroom. Includes preparation in language/academic skills of reading, writing, oral skills; exposure to disciplines that compose liberal arts; developing familiarity with cultural norms of a U.S. classroom; contextualization of topics through field trips. prereq: non-native speaker of English; admission to UMM, instr consent

LANG 1065. Grammar in Context. (1 cr. [max 2 cr.] ; S-N or Audit; Every Fall & Spring)

This course is intended to support writing as students begin their academic studies. The course refreshes prior grammar learning; builds competency in more advanced clause structures such as noun clauses, adverb clauses, and conditionals; and strengthens competency in areas of mechanics, such as the use of commas and other common punctuation related to specific writing conventions. A

regular part of the course is identification and revision of these areas in the student's own written work. prereq: non-native speaker of English, #

LANG 1066. Summer Transition for English Language and Liberal Arts Readiness. (; 2 cr. ; Student Option; Every Summer)

Introduces international students for norms and rigors of English-language, liberal arts courses. Includes preparation in English language/ academic skills of reading, writing, oral skills; exposure to disciplines that compose liberal arts. [Note: no credit if credit has been received for Lang 1064] prereq: non-native speaker of English, admission to UMM, instr consent

LANG 1071. Writing in the American University II. (3 cr. ; Student Option; Every Fall & Spring)

Writing course for non-native speakers of English at the advanced level, mastering competency in standard written English. Builds on prior work in Lang 1061, continuing work on essay components, strong support and basic writing fluency. prereq: 1061, instr consent

LANG 1101. Introduction to Norwegian Language and Culture I. (IP; 4 cr. ; Student Option; Periodic Summer)

An introduction to the contemporary Norwegian language (Bokmål standard) along with the culture and recent history of Norway, taught by a native speaker. Activities cover all four modes of listening, speaking, reading comprehension, and writing.

Language Education Methods (LANE)

LANE 4123. Methods of Teaching Foreign Language K-12. (; 4 cr. ; A-F only; Every Fall)

Objectives, curricula, special methods, materials, and evaluation appropriate for teaching foreign language in K-12. prereq: admission to the SeEd or EIEd teacher education program; coreq SeEd 4102, SeEd 4103, SeEd 4104, SeEd 4105 or prereq EIEd 3202, EIEd 3212

Latin (LAT)

LAT 1001. Beginning Latin I. (; 4 cr. ; Student Option; Every Fall)

Study of Latin vocabulary and structures in order to attain basic reading and writing competence; practice in oral recitations and compositions. Introduction to ancient Roman history and culture.

LAT 1002. Beginning Latin II. (WL; 4 cr. ; Student Option; Every Spring)

Continuation of 1001. prereq: 1001 or placement or instr consent

LAT 1993. Directed Study. (1-5 cr. [max 50 cr.] ; Student Option; Every Fall, Spring & Summer)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

LAT 2001. Intermediate Latin Prose. (IP; 4 cr. ; Student Option; Every Fall & Summer)

Introduction to Latin prose authors of 1st centuries BCE/CE. Readings of continuous passages of unadapted Latin texts (history, speeches, letters). Review of grammar/ vocabulary as needed. Some discussion of major themes/issues in Roman culture as illustrated by texts. prereq: grade of at least C- or S in 1002 or instr consent

LAT 2002. Intermediate Latin Poetry. (HUM; 4 cr. ; Student Option; Every Spring)

Introduction to Roman epic poetry. Readings of selections from Vergil's Aeneid. Quantitative meter and poetic devices. Discussion of major themes and issues as developed in Vergil's poetry. Prereq: grade of at least C- or S in 2001 or instr consent

LAT 2993. Directed Study. (1-5 cr. [max 50 cr.] ; Student Option; Periodic Fall, Spring & Summer)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

LAT 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Periodic Fall, Spring & Summer)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

LAT 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Periodic Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Latin American Area Studies (LAAS)

LAAS 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

LAAS 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

LAAS 3100. Contemporary Latin America. (1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)

Opportunity for LAAS majors to read about and discuss in historical and cultural contexts the more important contemporary developments in Latin America. [Note: to be repeated each sem a student is in residence; only 4 cr may apply to LAAS major] prereq: LAAS major

LAAS 3201. Bibliographical Tools and Journals in Latin American Area Studies. (2 cr. ; Student Option; Periodic Fall & Spring)

For the student new to the major. Introduction to the standard bibliographical tools and journals in Latin American area studies. prereq: LAAS major

LAAS 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

LAAS 4901. Senior Capstone in Latin American Area Studies. (; 2-4 cr. ; A-F only; Periodic Fall & Spring)

A capstone experience for LAAS majors. Individual reading and development of an original research paper in consultation with the LAAS coordinator. With approval of the LAAS coordinator and another faculty member, a capstone experience in a different discipline that contains primarily Latin American content may be wholly or partially substituted for LAAS 4901, but requires completion of four total credits. prereq: 3201, sr LAAS major, instr consent

LAAS 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Legacy (LEG)

LEG XXXXX. Legacy. (0-999 cr. ; Transfer Grading Basis;)

Legacy

Management (MGMT)

MGMT 1011. Fundamentals of Personal Finance. (SS; 2 cr. ; Student Option; Periodic Fall & Spring)

An introduction to financial concepts to help students become financially literate and make informed financial decisions. Covers the financial planning, budgeting, cash flow, and savings approaches that can be used in everyday life, as well as the advantages and disadvantages of credit and the importance of managing debt. The role of health care in financial planning is introduced. Includes a brief introduction to investment and retirement planning using financial instruments such as savings accounts, bonds, stocks, and mutual funds. Attention is given throughout to insights from behavioral economics, which suggests that while the perfectly rational individual may be a relevant benchmark, most people actually need practical methods that the imperfectly rational person can use to improve financial decision-making.

MGMT 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

MGMT 2101. Principles of Accounting I. (; 4 cr. ; Student Option; Every Fall)

An introductory course in accounting principles and practices. Students develop an understanding of both the conceptual and procedural framework of accounting processes. Emphasis is placed on the preparation and

communication of accounting information and the financial statements for proprietorships and partnerships.

MGMT 2102. Principles of Accounting II. (2 cr. ; Student Option; Every Spring)
A continuation of Principles of Accounting I. Students develop an understanding of the issues unique to corporations and organizational financing. Cash flow statements and performance analysis are also emphasized. prereq: 2101

MGMT 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

MGMT 3101. Financial Management. (4 cr. ; Student Option; Every Fall)
Fundamental theories of financial management, their applications, and their limitations in solving real business problems. Emphasis on financial analysis, valuation of future cash flows, capital budgeting, risk and return, cost of capital. prereq: 2102, Econ 1111, Econ 1112, Stat 1601

MGMT 3102. Financial Institutions. (2 cr. ; Student Option; Periodic Fall & Spring)
An introduction to the functioning and management of financial institutions such as the banking industry, mutual fund industry, insurance companies, pension funds, investment banks, and venture capital firms. prereq: 2101, Econ 1111, Econ 1112

MGMT 3123. Managerial Economics. (4 cr. ; Student Option; Every Spring)
Development of the basic concepts of the microeconomic theories of consumer behavior, the firm, and market structure, in application to managerial decision-making contexts in the operation and control of business and non-profit organizations. [Note: no credit for students who have received credit for Econ 3201] prereq: 2101, Econ 1111, Math 1101 or Math 1021, Stat 1601 or Stat 2601 or instr consent

MGMT 3133. Managerial Accounting. (4 cr. ; Student Option; Periodic Fall & Spring)
Managerial accounting is designed to help managers assess needed information to carry out three essential functions in an organization: planning operations, controlling activities, and making decisions. The emphasis of this course is placed on cost behaviors, various product costing methods, cost-volume-profit relationships, budgeting and control through standard costs, and other quantitative techniques used by management. prereq: 2102

MGMT 3134. Cooperative Business Model. (2 cr. ; Student Option; Periodic Fall & Spring)
Same as Econ 3134. In the northern plains of the United States, cooperative businesses, including consumer, producer, and worker cooperatives, have made significant contributions to economic growth and development. Identify the unique economic, legal, and organizational characteristics of these firms and their role in the economy. Special attention is given to the potential

role of cooperative business organizations in community development. prereq: Econ 1111 or instr consent

MGMT 3141. Business Law: The Legal Environment of Business. (2 cr. ; Student Option; Periodic Fall & Spring)
Introduction to the legal environment in which business operates. Covers the sources of regulatory authority, including U.S. constitutional authority, judicial authority, and state and local regulatory systems; ethical business decision-making; tortious acts in the business world, intellectual property, and an introduction to contract law. prereq: 2101 or instr consent

MGMT 3142. Business Law: Sales Law, Commercial Paper, and Forms of Business. (2 cr. ; Student Option; Periodic Fall & Spring)
Covers sales law under the Uniform Commercial Code; negotiable instruments (i.e., the law of commercial paper); and principles of agency law. Provides an introduction to a wide variety of business organizational forms with in-depth emphasis on partnerships, limited partnerships, limited liability corporations, corporate law, and securities law and regulation. This class complements MGMT 3141, and may be taken with or without having first taken 3141. prereq: 2101 or instr consent

MGMT 3151. Human Resources Management I. (E/CR; 2 cr. ; Student Option; Periodic Fall & Spring)
An introduction to the functional areas of human resource management through the use of case studies. Topics include legal issues, strategic and sustainability planning, recruitment, evaluation, compensation, and benefits. prereq: Stat 1601 or Stat 2601 or instr consent

MGMT 3152. Human Resources Management II. (HDIV; 2 cr. ; Student Option; Periodic Fall & Spring)
Topics in human resource management: evaluating employee performance, training and safety, sustainability and "lean manufacturing," labor relations, and international human resource management. prereq: 3151 or instr consent

MGMT 3201. Marketing Principles and Strategy. (; 4 cr. ; Student Option; Fall Odd Year)
Basic factors affecting policy and strategy issues in marketing. Economic, legal, behavioral, environmental, competitive, and technological factors as they affect product, pricing, promotion, and marketing-channel decisions. prereq: 2102, Stat 1601 or instr consent

MGMT 3221. Management and Organization Theory. (; 4 cr. ; Student Option; Fall Even Year)
Theory, research, and practice of management. Planning, organizing, leading, controlling. Emphasizes goals, policies, procedures. Factors and human relationships necessary to achieve organizational success. Organizational structure/culture. Changing environment in which businesses operate. prereq: 2101, Econ 1111 or instr consent

MGMT 3503. Consumer Behavior. (SS; 4 cr. ; Student Option; Periodic Spring)
Same as Psy 3503. Psychological basis for understanding consumers. Some of the topics include consumer behavior, consumer cognitive processes, and consumer judgments and decisions. prereq: Stat 1601 or Stat 2601 or instr consent

MGMT 3513. Negotiation. (4 cr. ; Student Option; Periodic Fall & Spring)
Same as Psy 3513. Examines the theoretical and applied aspects of negotiation. Topics include negotiation theory, strategy, skills and tactics, communication processes, global negotiation, and ethics. Use of negotiation simulations. prereq: 3221 or Psy 3501 or Psy/Mgmt 3701

MGMT 3601. Transnational Enterprise. (IP; 4 cr. ; Student Option; Every Spring)
Development and transformation of business enterprise within the global economy emerging from time and motion studies, mergers, "corporate revolution," Fordism through to multi-plant manufacturing beyond national boundaries. Includes the basic impact of structural, institutional, and organizational change upon the dynamics of the firm and industry in the contemporary hyper-competitive, technology-driven, fast-paced, global environment. prereq: 2101, Econ 1111, Econ 1112 or instr consent, Engl 1601 (or instr consent for students with college writing experience)

MGMT 3701. Organizational Behavior. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)
Same as Psy 3701. Uses the theories and research of the behavioral sciences to understand how organizations function at the individual, group, and organizational levels. Topics include stress in the workplace; group dynamics; power, leadership, and attribution theory. prereq: Stat 1601 or Stat 2601, jr or sr

MGMT 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

MGMT 4101. Investment and Portfolio Analysis. (4 cr. ; Student Option; Every Spring)
The institutional environment of investment, techniques used to price financial products, and how to design a portfolio of many assets. prereq: 2101, 2102, 3101

MGMT 4201. The Economics of Corporate Strategy I. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Setting the horizontal boundaries (e.g., which lines of business) and vertical boundaries (whether to make or buy inputs and outputs) of the firm, considered as strategic decisions. The different types of competition associated with distinct market structures. prereq: 3123 or Econ 3201, Math 1021 or Math 1101, or instr consent

MGMT 4202. The Economics of Corporate Strategy II. (; 2 cr. ; Student Option; Periodic Fall & Spring)

Tools for analyzing business strategies: credible strategic commitments, pricing rivalries, entry and exit, Porter's five forces framework, and the relationship between value creation and strategic market positioning. prereq: 4201

MGMT 4501. Globalization and Business Strategy. (; 2 cr. ; Student Option; Every Spring)

Review of the impact of increasing globalization of the corporate and economic environment; application of strategic methods to new business conditions. prereq: 3601 or instr consent

MGMT 4502. Technological Change, Labor Market, and Skill Formation. (; 2 cr. ; Student Option; Every Spring)

The change of technology in relation to the formation of skills and transformation of regional labor markets throughout the world. The intimate relationship between "skilling" and "deskilling" of labor and the transformation of technology. prereq: 3601 or instr consent

MGMT 4896. Internship. (1-4 cr. ; S-N only; Every Fall & Spring)

Supervised educational experience and field application relevant to student's major. Written analysis appropriate to the application is required. [Note: 2 cr may be applied to major or minor] prereq: 2102

MGMT 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Math Education Methods (MTHE)

MTHE 4121. Methods of Teaching Mathematics in the Middle and Secondary School. (4 cr. ; A-F only; Every Fall)

Objectives, curricula, special methods, materials, and evaluation appropriate for teaching mathematics in the middle and secondary school. prereq: admission to the secondary teacher education program or elementary education program, coreq SeEd 4102, SeEd 4103 or prereq ELED 3202, ELED 3212

Mathematics (MATH)

MATH 1001. Excursions in Mathematics. (M/SR; 4 cr. ; Student Option; Every Fall & Spring)

Introduction to the breadth and nature of mathematics and the power of abstract reasoning, with applications to topics that are relevant to the modern world, such as management science, statistics, voting, fair division of assets, symmetry and patterns of growth. prereq: 2 yrs high school math

MATH 1010. Elements of Algebra. (2 cr. ; Student Option; Every Fall)

This course covers operations with real numbers, linear equations and inequalities, quadratic equations; operations with polynomials, rational expressions, exponents and radicals; equations of lines; an introduction

to functions, domain and range, word problems.

MATH 1012. PreCalculus I: Functions. (4 cr. ; Student Option; Every Fall & Spring)

Linear and quadratic functions, power functions with modeling; polynomial functions of higher degree with modeling; real zeros of polynomial functions; rational functions; solving equations in one variable; solving systems of equations; exponential and logarithmic functions, and the graphs of these functions. prereq: Math 1010 or placement

MATH 1013. PreCalculus II: Trigonometry. (M/SR; 2 cr. ; Student Option; Every Fall & Spring)

Angles and their measures; trigonometric functions; the circular functions of trigonometry; graphs of sine, cosine, tangent, cosecant, secant, and cotangent functions; algebra of trigonometric functions; inverse trigonometric functions; solving problems with trigonometry; analytic trigonometry; fundamental trig identities; proving trigonometric identities; sum and difference identities; multiple-angle identities; the Law of Sines; the Law of Cosines. prereq: Math 1010 or placement

MATH 1021. Survey of Calculus. (M/SR; 4 cr. ; Student Option; Every Spring)

Short course for students in social sciences, biological sciences, and other areas requiring a minimal amount of calculus. Topics include basic concepts of functions, derivatives and integrals, exponential and logarithmic functions, maxima and minima, partial derivatives; applications. prereq: 1012 or placement; credit will not be granted for Math 1021 if a grade of C- or higher has previously been received for Math 1101

MATH 1101. Calculus I. (M/SR; 5 cr. ; Student Option; Every Fall & Spring)

Limits and continuity; the concepts, properties, and some techniques of differentiation, antidifferentiation, and definite integration and their connection by the Fundamental Theorem. Partial differentiation. Some applications. Students learn the basics of a computer algebra system. prereq: 1012, 1013 or placement

MATH 1102. Calculus II. (M/SR; 5 cr. ; Student Option; Every Fall & Spring)

Techniques of integration. Further applications involving mathematical modeling and solution of simple differential equations. Taylor's Theorem. Limits of sequences. Use and theory of convergence of power series. Students use a computer algebra system. prereq: 1101

MATH 1801. Geometry Collides With Culture: Patterns In Space. (IC; 2 cr. ; Student Option; Periodic Fall)

Geometry has played a profound role in human understanding of art, vision, space, and the representation of information. Through readings, discussion, projects, and writing, students explore the interplay between geometry, science, and culture. prereq: new college student in their first semester of enrollment at UMM

MATH 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

MATH 2101. Calculus III. (M/SR; 4 cr. ; Student Option; Every Fall & Spring)

Multivariable and vector calculus. Three-dimensional analytic geometry; partial differentiation; multiple integration; gradient, divergence, and curl; line and surface integrals; divergence theorem; Green and Stokes theorems; applications. prereq: 1102 or instr consent

MATH 2202. Mathematical Perspectives. (M/SR; 4 cr. ; Student Option; Every Spring)

Introduction to the methodology and subject matter of modern mathematics. Logic, sets, functions, relations, cardinality, and induction. Introductory number theory. Roots of complex polynomials. Other selected topics. prereq: 1101

MATH 2211. History of Mathematics. (4 cr. ; Student Option; Fall Even Year)

Historical development of various areas in mathematics and important figures in mathematics from ancient to modern times. prereq: 1101 or higher or instr consent

MATH 2212. Introduction to Knot Theory. (M/SR; 4 cr. ; Student Option; Periodic Fall)

Introduction to the mathematical study of knots. Presentation, tabulation, and invariants of knots. Additional selected topics from low-dimensional topology. prereq: 1101 or higher or instr consent

MATH 2401. Differential Equations. (M/SR; 4 cr. ; Student Option; Every Fall)

First-order and second-order differential equations with methods of solution and applications, Laplace transforms, systems of equations, series solutions, existence and uniqueness theorems, the qualitative theory of differential equations. prereq: 1102 or instr consent

MATH 2452. Introduction to Mathematical Modeling. (; 4 cr. ; Student Option; Periodic Fall & Spring)

Mathematical topics include, but are not limited to, differential and difference equations, discrete and continuous dynamical systems, predator-prey models, discrete and continuous optimization models, probabilistic models, stochastic and Poisson processes, and queuing models. Applications are drawn from different areas in the sciences and social sciences. [Note: no credit for students who have received cr for Math 4452] prereq: 1101 or 1021 or instr consent

MATH 2501. Probability and Stochastic Processes. (M/SR; 4 cr. ; Student Option; Every Fall)

Same as Stat 2501. Probability theory; set theory, axiomatic foundations, conditional probability and independence, Bayes' rule, random variables. Transformations and expectations; expected values, moments, and moment generating functions. Common families of distributions; discrete and continuous distributions. Multiple random variables; joint and marginal distributions,

conditional distributions and independence, covariance and correlation, multivariate distributions. Properties of random sample and central limit theorem. Markov chains, Poisson processes, birth and death processes, and queuing theory. prereq: 1101 or instr consent

MATH 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

MATH 3111. Linear Algebra. (4 cr. ; Student Option; Every Fall & Spring)
Math majors are highly encouraged to take this course in their second year. Matrix algebra, systems of linear equations, finite dimensional vector spaces, linear transformations, determinants, inner-product spaces, characteristic values and polynomials, eigenspaces, minimal polynomials, diagonalization of matrices, related topics; applications. [Note: no credit for students who have received cr for Math 2111] prereq: 1102 or instr consent

MATH 3211. Geometry. (M/SR; 4 cr. ; Student Option; Fall Odd Year)
Synthetic approach to Euclidean and non-Euclidean geometries. Selected topics from affine, hyperbolic, spherical, projective geometries. Possible comparisons of analytic and synthetic approaches. May include other related topics or use of computer software for geometry. prereq: 1102 or higher or instr consent

MATH 3221. Real Analysis I. (4 cr. ; Student Option; Every Fall)
Introduction to real analysis. The main topics of single-variable calculus—convergence, continuity, differentiation, and series as they are applied and extended in advanced settings with emphasis on precise statements and rigorous proofs. Structure of the real numbers, open and closed sets. Integration, metric spaces, and other topics and applications as time allows. prereq: 1102, 2202 or instr consent

MATH 3222. Complex Analysis. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Differentiable and analytic functions of a complex variable. Contour integral theorems. Laurent expansions. Other topics optional. prereq: 2101 or 3221 or instr consent

MATH 3231. Abstract Algebra I. (4 cr. ; Student Option; Every Spring)
Systematic study of groups and rings, making use of linear algebra. Groups as codifying symmetry throughout mathematics and its applications. The Euclidean algorithm and its consequences, both for integers and polynomials. Other selected topics and applications. prereq: 3111, 2202 or instr consent

MATH 3401. Operations Research. (4 cr. ; Student Option; Every Spring)
Topics include, but not limited to, linear and integer linear programming formulations, sensitivity analysis and duality, network models and applications. prereq: 1101 or higher or instr consent

MATH 3411. Discrete and Combinatorial Mathematics. (4 cr. ; Student Option; Every Fall)
Propositional logic; equivalence relations; recurrence equations; structures and properties of undirected and directed graphs; applications of the aforementioned topics. prereq: 1102 or higher or instr consent

MATH 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

MATH 4211. Real Analysis II. (2 cr. ; Student Option; Periodic Fall & Spring)
Differentiation of functions of several variables. The extension of integration to other forms of integrals. Introduction to measure theory. Other optional topics. prereq: 3221 or instr consent

MATH 4221. Topology. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Selected topics from point set topology and/or algebraic topology. prereq: 2202 or instr consent

MATH 4231. Abstract Algebra II. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Selected topics from the theory of finite groups, Galois theory of fields, and/or the theory of rings. prereq: 3231 or instr consent

MATH 4241. Number Theory. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Selected topics from modular congruences, theory of primes, classical Diophantine equations, and the connections with algebraic curves. prereq: 2202 or instr consent

MATH 4252. Differential Geometry. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Geometry of curves and surfaces. Frames, curvature, torsion, orientation, differential forms, topological properties of surfaces. The notion of differentiable manifold. Selected applications. prereq: instr consent

MATH 4253. Combinatorics. (; 2 cr. ; Student Option; Periodic Fall & Spring)
Selected topics from graph theory, the theory of ordered sets, and/or enumerative combinatorics. prereq: instr consent

MATH 4401. Numerical Methods with Applications in Mathematical Modeling. (; 4 cr. ; Student Option; Periodic Fall & Spring)
Finite differences; interpolation; numerical integration; numerical solutions of differential, algebraic, and transcendental equations; continuous mathematical models. prereq: 2401 or instr consent

MATH 4901. Senior Seminar. (2 cr. ; A-F only; Every Fall)
This is a full-year course, required for all mathematics majors in their senior year. Students must attend year round and present one of the seminars. prereq: sr math major or instr consent; full year course begins fall sem

MATH 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Multi-Inst Cross Registration (MULT)

MULT 1. Multi-Institution Cross Registration. (; 0 cr. ; No Grade Associated;)

Music (MUS)

MUS 100. Music Performance Lab. (0 cr. ; S-N only; Every Fall & Spring)
To be taken by all music majors and minors; students will participate in music events as performers, support staff, and listeners. prereq: major or minor

MUS 1039. Popular Music and Social Justice. (FA; 2 cr. ; Student Option; Periodic Spring & Summer)
Over the course of the twentieth century music has been used to deal with a wide variety of social justice issues such as war, racism, sexism, among many others. This course will examine the relationship between social justice movements in the United States and popular music. We will discuss a wide variety of commercial music styles, including metal, reggae, soul, folk, hip hop, and punk.

MUS 1041. Introduction to Music. (FA; 4 cr. ; Student Option; Every Fall)
Survey emphasizing development of an intelligent understanding and appreciation of music. For non-music majors.

MUS 1042. Fundamentals of Music. (FA; 4 cr. ; Student Option; Spring Even Year)
The rudiments of music including note and rhythmic reading, scales, chords, beginning chord progressions, and practical keyboard work in the piano lab.

MUS 1043. American Jazz Styles. (FA; 4 cr. ; Student Option; Periodic Fall & Spring)
Development and analysis of the New Orleans dixieland, ragtime, stride, boogie-woogie, Chicago dixieland, swing, bop, cool, funky, progressive, third-stream, free form, and fusion jazz styles. Introductory course to help non-music majors become familiar with and appreciate this art form.

MUS 1044. Class Piano for the Non-Music Major. (ART/P; 1 cr. ; Student Option; Every Fall & Spring)
Introduction to piano performance for students with no previous piano training. Students will learn basic keyboard skills including note reading, fingering, and counting. Study beginning piano technique and learn to perform elementary-level solos and ensembles. [Note: special fee required]

MUS 1045. Class Guitar. (ART/P; 1 cr. ; Student Option; Every Fall & Spring)
Introduction to guitar performance for students with no previous guitar experience. Students learn basic guitar skills, study beginning guitar technique, and learn to perform music. This class is not for students who have played guitar before. [Note: special fee required]

MUS 1049. Introduction to American Popular Music. (HUM; 4 cr. ; Student Option; Spring Odd Year)
Survey of popular musical styles in America from the early 20th century to today.

MUS 1050. Collaborative Piano Workshop. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring)

Student pianists who play for private lessons and collaborate in public performance may receive credit. Collaborative piano assignments are made through consultation with the piano faculty. prereq: instr consent

MUS 1061. Introduction to World Music. (IP; 4 cr. ; Student Option; Periodic Spring)

Survey of primarily non-Western music cultures, emphasizing the development of an appreciation for the music and an understanding of its significance in its culture of origin. For non-music majors.

MUS 1062. Instrumental Music In The United Kingdom. (ART/P; 2 cr. [max 4 cr.]; A-F only; Periodic Summer)

Perform and work alongside some of the United Kingdom's finest musicians and experience the British music scene. Visit the cities of London, Manchester, and Cardiff. Perform a series of concerts as part of UMM Symphonic Winds and Jazz Ensemble. Take part in scheduled classes with internationally renowned musicians and teachers at a leading British conservatory.

MUS 1063. Symphonic Winds Performance Tour. (ART/P; 1 cr. [max 2 cr.]; A-F only; Periodic Summer)

Perform in a variety of locations and collaborate with outstanding ensembles and musicians as part of a scheduled performance tour.

MUS 1070. Instrumental Chamber Ensemble. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring)

Performance of instrumental chamber music. Groups are formed according to the interests of students and availability of materials. prereq: instr consent

MUS 1080. Jazz Combo. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring)

Performance of instrumental jazz music with emphasis on improvisation.

MUS 1081. Jazz Improvisation. (ART/P; 2 cr. ; Student Option; Periodic Spring)

Introduction to the art of jazz improvisation for instrumentalists and vocalists. Topics, including practice techniques, jazz theory, jazz harmony, and improvisational techniques, are discussed through solo analysis, transcriptions, listening assignments, live performances, and instructor demonstration.

MUS 1090. Vocal Chamber Ensemble. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring)

Performance of vocal ensemble music especially written for smaller groups. prereq: instr consent

MUS 1111. Functional Keyboard for the Music Major I. (ART/P; 1 cr. ; Student Option; Every Fall)

Beginning instruction for music majors and minors whose principal performing medium is voice or non-keyboard instrument; skill development in sight reading, technique, harmonization, simple literature. [Note: special

fee required] prereq: music major or minor whose primary instrument isn't piano

MUS 1112. Functional Keyboard for the Music Major II. (ART/P; 1 cr. ; Student Option; Every Spring)

Continued beginning instruction begun in Mus 1111 for music majors and minors whose principal performing medium is voice or non-keyboard instrument; includes sight reading, technique, harmonization, transposition, improvisation, simple literature. [Note: special fee required] prereq: 1111, music major or minor whose primary instrument isn't piano

MUS 1151. Foundations of Music Theory I: Rhythm and Pitch. (M/SR; 2 cr. ; Student Option; Every Fall)

Notation; rhythm reading and identification; scales, modes, keys, and basic chords; simple, compound, and complex meters. prereq: coreq 1153, 1155, concurrent enrollment in piano classes/lessons until piano proficiency is passed for maj/min

MUS 1152. Foundations of Music Theory II: Line. (FA; 2 cr. ; Student Option; Every Spring)

Study of melody and line; one-, two-, and four-part writing and counterpoint; phrase structure; interaction of line with harmony; analysis and identification. prereq: 1151, coreq 1154, 1156, concurrent enrollment in piano classes/lessons until piano proficiency is passed for maj/min

MUS 1153. Foundations of Musicianship I. (1 cr. ; Student Option; Every Fall)

Introduction to sight-singing, rhythmic and pitch dictation and transcription, and aural error detection. prereq: coreq 1151, 1155

MUS 1154. Foundations of Musicianship II. (1 cr. ; Student Option; Every Spring)

Sight-singing of melodies; melodic dictation and transcription; aural error detection. prereq: 1153, coreq 1152, 1156, concurrent enrollment in piano classes/lessons until piano proficiency is passed for maj/min

MUS 1155. Foundations in Music History I: Ancient to 1750. (HIST; 2 cr. ; Student Option; Every Fall)

A chronological survey of Western musical development from the earliest notated examples to the end of the Baroque period. Emphasis is placed on specific works and composers as examples of larger musical and cultural trends. This is the first of two courses intended to provide a historical framework for further musical study. prereq: coreq 1151, 1153

MUS 1156. Foundations in Music History II: 1750 to Contemporary. (FA; 2 cr. ; Student Option; Every Spring)

A chronological survey of Western musical development from the Classical period through the current day. Emphasis is placed on specific works and composers as examples of larger musical and cultural trends. This is the second of two courses intended to provide a historical framework for further musical study. prereq: 1155, coreq 1152, 1154

MUS 1200. Individual Performance Studies: Piano. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in piano is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1201. Individual Performance Studies: Collaborative Piano. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in collaborative piano skills is open to intermediate-level and above piano students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1202. Individual Performance Study: Organ. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in organ is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1203. Individual Performance Study: Harpsichord. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in harpsichord is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1216. Individual Performance Study: Trombone. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in trombone is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1217. Individual Performance Study: Euphonium. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in euphonium is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1218. Individual Performance Study: Tuba. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in tuba is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1219. Individual Performance Study: Percussion. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in percussion is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam

should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1221. Individual Performance Study: Guitar. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in guitar is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1222. Individual Performance Study: Electric Bass. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in electric bass is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1223. Individual Performance Studies: Composition. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in composition is open to all students. It is recommended that music majors fulfill their requirement of 7 credits in successive enrollments in order to maintain continuous emphasis in the major performance area. All music majors and other students who anticipate applying for the jury exam should enroll under the A-F grading only. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required; declared music majors (primary performance medium only) attend one 45-minute lesson per week; all others attend one 30-minute lesson per week] prereq: instr consent

MUS 1300. UMM Symphonic Winds. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring) A select ensemble of wind, brass, percussion, double bass, and piano instrumentation which performs traditional and contemporary literature of the highest quality. A program fee is attached to this course in fall semester only to cover the expenses of the annual off-campus

weekend retreat. [Note: special fee required for fall semester]

MUS 1301. Chamber Winds. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring) A select group that promotes the advancement of wind music of artistic and historical significance through one-on-a-part performances in a directed chamber setting. prereq: instr consent

MUS 1310. University Choir. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring) Non-auditioned choral ensemble comprised of students, faculty and staff, and community members. The chorus prepares varied choral repertoire with focus on the development and application of musical, rehearsal, and vocal and performance skills in a positive learning environment. Literature is chosen by the instructor to facilitate these goals, and to suit the current strengths and abilities of the ensemble. Performances on campus as well as outreach performances off campus occur at least twice per semester. [Note: community members will be required to enroll in MUS 1350]

MUS 1320. Concert Choir. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring) Auditioned choral ensemble which draws its repertoire from various western and non-western traditions spanning six centuries, including contemporary works. Emphasis is on performance with several public concerts scheduled each semester as well as a spring performance tour. [Note: special fee required] prereq: instr consent

MUS 1321. Chamber Singers. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring) A select ensemble of vocalists performing repertoire in a variety of styles. Several public concerts and appearances scheduled each semester. prereq: instr consent

MUS 1330. Jazz Ensemble. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring) Rehearsals and concerts cover the literature for this medium. [Note: special fee required for fall term]

MUS 1331. Brass Ensemble. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring) A small directed ensemble for brass (and occasionally percussion) players, performing standard brass literature in various styles and from all historical periods. prereq: instr consent

MUS 1340. Orchestra. (ART/P; 1 cr. [max 8 cr.]; S-N only; Every Fall & Spring) The study and preparation of standard orchestral works for performance at several public concerts and appearances each semester in addition to a concert tour. The study of basic orchestral procedure.

MUS 1350. Choral Ensembles: Community Membership. (0 cr.; Audit; Every Fall & Spring)

Preparation of choral works for at least one public concert each semester and other special events. Emphasis on basic choral singing techniques. FOR COMMUNITY MEMBERS. [Note: UMM students will be required to enroll instead for MUS 1310 or MUS 1320] prereq: instr consent

MUS 1351. Jazz Ensembles: Community Membership. (0 cr. ; Audit; Every Fall & Spring)

Rehearsals and concerts cover the literature for this medium. FOR COMMUNITY MEMBERS. [Note: UMM students will be required to enroll instead for Mus 1330] prereq: instr consent

MUS 1352. Wind/Brass Ensembles: Community Membership. (0 cr. ; Audit; Every Fall & Spring)

Traditional wind ensembles and chamber music which performs traditional and contemporary music of the highest quality. FOR COMMUNITY MEMBERS. [Note: UMM students will be required to enroll instead for Mus 1300, 1301, and/or 1331] prereq: instr consent

MUS 1353. Orchestra: Community Membership. (0 cr. ; Audit; Every Fall & Spring)

The study and preparation of standard orchestral works for performance at several public concerts. The study of basic orchestral procedure. FOR COMMUNITY MEMBERS. [Note: UMM students will be required to enroll instead for Mus 1300, 1301, and/or 1331] prereq: instr consent

MUS 1360. Concert Choir International Performance Tour. (0.5 cr. [max 2 cr.] ; S-N only; Every Spring)

Participation in international tours undertaken by the Concert Choir. [Note: a program fee is attached to this course to cover the expenses of the performance tour] prereq: coreq 1320, instr consent

MUS 1370. Chamber Orchestra. (ART/P; 1 cr. [max 8 cr.] ; S-N only; Every Fall & Spring)

The study and preparation of standard string orchestral works for performance at several public concerts and appearances each semester. Wind and percussion players need special permission to enroll. The study of basic orchestral procedure.

MUS 1401. English, Italian, German, and French Diction for Singers. (ART/P; 1 cr. ; A-F or Audit; Fall Even Year)

Learning sounds and symbols of the International Phonetic Alphabet, rules for correct English, Italian, German, and French lyric diction. Transcribing English, Italian, German, and French song/area texts. Performing pieces in each of these languages in class for critique.

MUS 1411. Vocal Performance Workshop. (ART/P; 1 cr. [max 4 cr.] ; Student Option; Every Spring)

Practical introduction to vocal performance. Students learn and perform scenes from the opera and musical theatre repertoire. prereq: instr consent

MUS 1801. Introduction to American Popular Music. (IC; 4 cr. ; Student Option; Periodic Fall)

Survey of popular musical styles in America from the early 20th century to today. An emphasis on classroom discussion and activities, and written assignments designed to encourage critical analysis of American popular music and its social contexts. prereq:

new college student in their first semester of enrollment at UMM

MUS 2045. Intermediate Class Guitar. (ART/P; 1 cr. ; Student Option; Every Fall & Spring)

Focusing on the middle ground where popular and classical guitar meet, reading skills, bar and 'color' chords, and advanced right hand technique are applied to both popular and classical music. Students write and perform original songs, learn personal favorites, and advance through carefully selected classical etudes. [Note: special fee required] prereq: 1045 or instr consent

MUS 2101. Core Studies II: Music Theory III. (FA; 4 cr. ; Student Option; Every Fall)

Modulatory techniques; chromatic harmony of the Classical and Romantic Periods; borrowed chords, Neapolitan and augmented sixths; ninth, eleventh, and thirteenth chords; altered dominants and chromatic mediant; harmonic and formal analysis of scores including binary, ternary, variation, sonata, and rondo forms. prereq: 1102, major or minor or instr consent, concurrent enrollment in piano class/lessons until piano proficiency is passed for majors and minors

MUS 2102. Core Studies II: Music Theory IV. (FA; 4 cr. ; Student Option; Every Spring)

Model, pentatonic, whole-tone, and octatonic collections; analysis of scores including nonfunctional harmony; pitch class set, twelve-tone and other 20th- and 21st-century techniques. prereq: 2101, major or minor or instr consent, concurrent enrollment in piano class/lessons until piano proficiency is passed for majors and minors

MUS 2111. Functional Keyboard for the Music Major III. (ART/P; 1 cr. ; Student Option; Every Fall)

Elementary to early intermediate instruction for music majors and minors whose principal performing medium is voice or non-keyboard instrument; continued skill development begun in MUS 1112; introduction of easy solo and ensemble literature. [Note: special fee required] prereq: 1112, music major or minor whose primary instrument isn't piano

MUS 2112. Functional Keyboard for the Music Major IV. (ART/P; 1 cr. ; Student Option; Every Spring)

Intermediate instruction for music majors and minors whose principal performing medium is voice or non-keyboard instrument; continued skill development begun in MUS 2111; introduction of intermediate solo and ensemble literature. [Note: special fee required] prereq: 2111, music major or minor whose primary instrument isn't piano

MUS 2151. Intermediate Music Theory: Form. (2 cr. ; Student Option; Every Fall)

Periodicity; analysis and score study of pieces in binary, rounded binary, ternary, variation, sonata, rondo, and sonata-rondo forms. prereq: 1152, music major or minor or instr consent

MUS 2152. Intermediate Music Theory: Harmony. (2 cr. ; Student Option; Every Fall)

Further exploration of triads, seventh chords, and harmonic function; secondary-function chords; modal mixture; modulation; Neapolitan

and augmented-6th chords; upper extensions; altered dominants and chromatic mediant.

prereq: 1152, music major or minor or instr consent

MUS 2301. Instrumental Techniques--Woodwind. (; 1 cr. ; Student Option; Fall Odd Year)

Practical study to develop elementary skills as well as a basic teaching knowledge and understanding of performance challenges of the woodwind instruments. prereq: major or minor or instr consent

MUS 2302. Instrumental Techniques--Brass. (; 1 cr. ; Student Option; Spring Even Year)

Practical study to develop elementary skills as well as a basic teaching knowledge and understanding of performance challenges of the brass instruments. prereq: major or minor or instr consent

MUS 2303. Instrumental Techniques--Strings. (; 1 cr. ; Student Option; Fall Even Year)

Practical study to develop elementary skills as well as a basic teaching knowledge and understanding of performance challenges of the string instruments. prereq: major or minor or instr consent

MUS 2304. Vocal Techniques. (; 1 cr. ; Student Option; Spring Even Year)

Practical study to develop elementary skills as well as a basic teaching knowledge and understanding of performance challenges of the voice. prereq: major or minor or instr consent

MUS 2305. Instrumental Techniques--Percussion. (; 1 cr. ; Student Option; Spring Odd Year)

Practical study to develop elementary skills as well as a basic teaching knowledge and understanding of performance challenges of the percussion instruments. prereq: major or minor or instr consent

MUS 2401. Piano from Bach to Jazz. (FA; 2 cr. ; Student Option; Spring Odd Year)

Introduction to numerous seminal works from the piano literature, to composers who have written for keyboard instruments over the past three hundred years, and to performers who have propelled this music into the public, placing all of these works and people into historical, cultural, artistic, aesthetic, and social contexts. This hybrid course utilizes online instruction to deliver technical content and class time to focus on listening, writing, and discussion activities in addition to lecture components. Some evening film screenings and evening/weekend concerts may be required.

MUS 2402. Art Song Repertoire. (FA; 2 cr. ; Student Option; Fall Odd Year)

A survey of art song repertoire from the 17th century to the present, including songs from the German, French, Italian, Spanish, American, British, Russian, Eastern European and South American traditions. The fusion of music and poetry are studied as well as interpretation and signature musical characteristics.

MUS 2403. Choral Traditions and Literature. (FA; 2 cr. ; Student Option; Fall Even Year)

An exploration of choral singing and repertoire from various global cultures, including the western European tradition. Students develop an understanding of the evolution of the choral art form and its parallels with society, culture, politics, and religion.

MUS 2404. The Orchestra and its Literature from the 1700s through Today. (FA; 2 cr. ; Student Option; Spring Even Year)

A study of the orchestra as a cultural institution. Examine important and influential repertoire, with an emphasis on the symphony, as well as examples of ensembles to understand the role of the orchestra in Western culture.

MUS 2405. Survey of Instrumental Wind Literature. (FA; 2 cr. ; Student Option; Spring Even Year)

A survey of standard and educational wind ensemble and wind chamber music literature from all historical periods and styles. Students develop a comprehensive knowledge of the composers and literature discussed in the course through detailed listening, score study, discussion, and evaluation.

MUS 2406. Jazz Style and Repertoire. (FA; 2 cr. ; Student Option; Spring Odd Year)

This course addresses the stylistic component of jazz performance through study and analysis of seminal recordings throughout all eras of jazz history.

MUS 3051. Piano Pedagogy I. (ART/P; 2 cr. ; Student Option; Fall Even Year)

This course is a study, demonstration, and discussion about the various elements of piano teaching methods, techniques, and materials for elementary and early intermediate levels. This includes analysis of various piano courses and piano literature, discussion of technical regimes, ideas for private and group lessons, and planning for the practical business aspect of teaching. Recommended for piano majors. prereq: 1200 or instr consent

MUS 3052. Piano Pedagogy II. (ART/P; 2 cr. ; Student Option; Fall Odd Year)

This course covers much intermediate literature from each of the four major periods of music with practical ideas to put into immediate use by current teachers. Piano literature to motivate and retain students as well as the study of performance practices as they relate to each musical style are emphasized. prereq: 1200 or instr consent

MUS 3061. Guitar Pedagogy. (ART/P; 2 cr. ; Student Option; Every Fall & Spring)

Discussions and readings on guitar pedagogy, private and group lessons, instructing young students, practice methods and business issues associated with self-employment in teaching music. Instruction of beginners in a one-on-one situation and classroom presentation of lessons. prereq: 1221 or instr consent

MUS 3101. Core Studies III: Medieval, Renaissance, and Baroque Music. (HIST; 4 cr. ; Student Option; Fall Odd Year)

Historical development of Western music and representative literature of the various periods and styles. prereq: 1102, major or minor or instr consent

MUS 3102. Core Studies III: Classical, Romantic, and 20th-Century Music. (FA; 4 cr. ; Student Option; Spring Even Year)

Historical development of Western music and representative literature of the various periods and styles. prereq: 1102, major or minor or instr consent

MUS 3107. Music in 20th-Century America. (FA; 2 cr. ; Student Option; Spring Odd Year)

A study of select American musical styles in the 20th century. Art, traditional, and popular musical styles are considered, as well as how these styles intersect. Examples are discussed in terms of musical elements as well as cultural and social contexts. prereq: ability to read music and identify basic scales and chords, instr consent

MUS 3108. Intellectual Foundations of Western Music. (HUM; 2 cr. ; Student Option; Spring Odd Year)

Exploration of source readings and analytical projects showing the intellectual foundations of Western music from antiquity through the Middle Ages. prereq: 2151, 2152 or instr consent

MUS 3109. Analysis of Popular Music. (HUM; 2 cr. ; Student Option; Spring Odd Year)

Development of analytical techniques to examine popular music from Tin Pan Alley to the present. prereq: 2151, 2152 or instr consent

MUS 3110. History of Music Theory: From the Renaissance to the Baroque. (2 cr. ; Student Option; Fall Even Year)

Study of source documents and analytical projects covering the history of Western music theory from the 15th century to approximately 1750. prereq: 2151, 2152

MUS 3111. History of Music Theory: Rameau to Riemann. (2 cr. ; Student Option; Fall Odd Year)

Study of source documents and analytical projects covering the history of Western music theory from 1750 to 1900. prereq: 2151, 2152

MUS 3112. Analysis of Pre-Tonal Music. (2 cr. ; Student Option; Spring Even Year)

Analysis of melodic, harmonic, and rhythmic structure of Western music written between 900 and 1600 CE; topics covered may include polyphony, modality, cadences, isorhythm, and formal considerations. prereq: 2151, 2152

MUS 3113. Analysis of Post-Tonal Music. (2 cr. ; Student Option; Spring Even Year)

Analysis of melodic, harmonic, and rhythmic structure of music since 1900 CE; topics covered may include free atonality, twelve-tone music, serialism, minimalism, neo-Classicism, neo-Romanticism, the New Complexity, post-modernism and collage-based works, and popular influences. prereq: 2151, 2152

MUS 3114. Musical Borrowing. (FA; 2 cr. ; Student Option; Spring Even Year)

Examination of multiple ways that musical traditions or works borrow from each other through techniques such as arrangement, transcription, quotation, adaptation, sampling, etc. Consider how changing the context for these musical references can change intention

and meaning for the artist/listener. prereq: ability to read music and identify basic scales and chords

MUS 3115. Gender and Sexuality in Music. (FA; 2 cr. ; Student Option; Fall Even Year)

Explores both representation of and discourse on gender and sexuality through music. Course content includes examples from both cultivated and vernacular traditions. prereq: ability to read music and identify basic scales and chords

MUS 3116. Music and Identity. (FA; 2 cr. ; Student Option; Fall Odd Year)

Explore how music is used in various contexts to shape and express elements of identity. Consider expressions of cultural, racial, social, and other modes of identity. prereq: ability to read music and identify basic scales and chords

MUS 3117. Music in Film. (FA; 2 cr. ; Student Option; Fall Even Year)

Examines how music is used in film. Consider how music is used in narrative and representative ways, as well as how the role of music in film has changed over time. prereq: ability to read music and identify basic scales and chords

MUS 3118. Music and Politics. (FA; 2 cr. ; Student Option; Fall Odd Year)

Examines how music is used in political contexts, and how artists express political ideas through music, both reflecting and shaping contemporary ideas. prereq: ability to read music and identify basic scales and chords

MUS 3119. Jazz Theory. (FA; 2 cr. [max 4 cr.] ; Student Option; Fall Odd Year)

Study and analysis of jazz melody, harmony, rhythm, and form (chord/scale relationships, harmonic progressions, chord structures, scale study, chord substitutions, and jazz aural skills). prereq: 1151, 1152 or instr consent

MUS 3121. Music Technology. (FA; 2 cr. [max 4 cr.] ; Student Option; Periodic Fall)

Study and application of music technology software and hardware focused on music notation software, audio recording and engineering, and MIDI sequencing. prereq: basic knowledge of music fundamentals and ability to read music or instr consent

MUS 3161. Introduction to World Music. (IP; 4 cr. ; Student Option; Periodic Spring)

Survey of primarily non-Western music cultures, emphasizing the development of an appreciation for the music and an understanding of its significance in its culture of origin. For music majors. [Note: non-music majors or minors should register for 1061]

MUS 3200. Advanced Individual Performance Study: Piano. (ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)

Private instruction in piano for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3201. Advanced Individual Performance Study: Collaborative Piano.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in collaborative piano skills for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3202. Advanced Individual Performance Study: Organ.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in organ for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3203. Advanced Individual Performance Study: Harpsichord.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in harpsichord for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for unexcused absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3204. Advanced Individual Performance Study: Voice.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in voice for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3205. Advanced Individual Performance Study: Violin.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in violin for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3206. Advanced Individual Performance Study: Viola.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in viola for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons.

[Note: special fee required] prereq: instr consent

MUS 3207. Advanced Individual Performance Study: Cello.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in cello for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3208. Advanced Individual Performance Study: Double Bass.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in double bass for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3209. Advanced Individual Performance Study: Flute.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in flute for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3210. Advanced Individual Performance Study: Oboe.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in oboe for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3211. Advanced Individual Performance Study: Clarinet.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in clarinet for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3212. Advanced Individual Performance Study: Saxophone.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in saxophone for music students at an advanced level of performance. A jury examination is required for advanced

performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3213. Advanced Individual Performance Study: Bassoon.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in bassoon for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3214. Advanced Individual Performance Study: Trumpet.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in trumpet for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3215. Advanced Individual Performance Study: French Horn.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in french horn for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3216. Advanced Individual Performance Study: Trombone.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in trombone for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3217. Advanced Individual Performance Study: Euphonium.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)
Private instruction in euphonium for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3218. Advanced Individual Performance Study: Tuba.

(ART/P; 1 cr. [max 8 cr.] ; Student Option; Every Fall & Spring)

Private instruction in tuba for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3219. Advanced Individual Performance Study: Percussion. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in percussion for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3221. Advanced Individual Performance Study: Guitar. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in guitar for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3222. Advanced Individual Performance Study: Electric Bass. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in electric bass for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3223. Advanced Individual Performance Studies: Composition. (ART/P; 1 cr. [max 8 cr.]; Student Option; Every Fall & Spring)

Private instruction in composition for music students at an advanced level of performance. A jury examination is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: special fee required] prereq: instr consent

MUS 3224. Advanced Individual Performance Studies: Improvisation. (ART/P; 1 cr. [max 4 cr.]; Student Option; Every Fall & Spring)

Private instruction in improvisation for music students at an advanced level of performance. A jury examination in the student's major instrument is required for advanced performance study. Note: Applied music instructors are not expected to make up sessions for absences from scheduled lessons. [Note: students must be enrolled concurrently in Advanced Individual Performance Studies

(MUS 3200-3223); special fee required] prereq: instr consent

MUS 3305. West African Styles in African American Music. (FA; 2 cr. ; Student Option; Spring Even Year)

An examination of the West African precursors to jazz and other African-American musical styles in the United States, considering both important elements of West African musics and how those elements are found in early African-American styles. prereq: ability to read music and identify basic scales and chords

MUS 3311. Conducting Techniques. (; 2 cr. ; Student Option; Every Fall)

Development of basic ensemble conducting skills. prereq: major or minor or instr consent

MUS 3321. Instrumental Conducting and Materials. (; 2 cr. ; Student Option; Every Spring)

Specialization of instrumental conducting and a survey of ensemble materials for various levels of ability and maturity. prereq: 3311, major or minor or instr consent

MUS 3331. Choral Conducting and Materials. (; 2 cr. ; Student Option; Every Spring)

Specialization of choral conducting and a survey of ensemble materials for various levels of ability and maturity. prereq: 3311, major or minor or instr consent

MUS 3351. Instrumental Arranging. (ART/P; 2 cr. ; A-F only; Periodic Spring)

Theoretical study of orchestral and band instruments and special problems of scoring and arranging for small and large instrumental ensembles. prereq: 2151, 2152

MUS 3352. Choral Arranging. (ART/P; 2 cr. ; A-F only; Periodic Spring)

Practical study of arranging for vocal ensembles and for vocal ensembles with instruments; exercises dealing with special problems and limitations of different age and ability groups. prereq: 2151, 2152

MUS 3993. Directed Study. (1-5 cr. [max 10 cr.]; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

MUS 4101. Form and Analysis. (; 4 cr. ; Student Option; Periodic Fall)

Analysis of musical forms, including harmonic and melodic structure of the phrase, the binary principle, the ternary principle, sonata allegro, rondo, and later alterations of the forms. prereq: 2102, major or minor or instr consent

MUS 4102. Counterpoint. (4 cr. ; Student Option; Periodic Fall)

Contrapuntal techniques of the 18th century with references to earlier 16th century species counterpoint. prereq: 2102 or instr consent

MUS 4103. Seminar: Topics in Music History. (4 cr. ; Student Option; Periodic Spring)

A small, discussion-oriented seminar emphasizing a multi-faceted approach to an advanced musical topic. Topics vary each semester the course is offered and are

determined by the instructor. Student work culminates in a semester-long research project and presentation. prereq: 1102, major or minor or instr consent

MUS 4110. Seminar: Advanced Music Theory and Analysis. (4 cr. [max 8 cr.]; Student Option; Periodic Fall)

A discussion-oriented seminar on an advanced aspect or aspects of music theory and analysis. Repertoire and techniques vary each semester the course is offered and are determined by the instructor. Student work culminates in a semester-long research project and presentation. prereq: 2102, major or minor or instr consent

MUS 4901. Senior Project and Portfolio. (; 1 cr. ; S-N only; Every Fall & Spring)

Culminating activity that allows a graduating student to demonstrate competence as a musician. Projects may take the form of a solo recital, lecture-recital, research paper, chamber music recital, or other major study. Project should be determined in the student's junior year and approved by the music faculty. Majors taking Mus 3200 through 3223 normally satisfy this requirement with a senior recital. prereq: major, piano proficiency, instr consent

Music Education Methods (MUSE)

MUSE 4123. Methods of Teaching Music K-12. (; 4 cr. ; A-F only; Every Fall)

Objectives, curricula, special methods, materials, and evaluation appropriate for teaching music in K-12. prereq: admission to the secondary teacher education program, coreq SeEd 4102, SeEd 4103, SeEd 4104, SeEd 4105

Native Amer and Indigenous Std (NAIS)

NAIS 1001. Beginning Dakota Language I. (; 5 cr. ; Student Option; Every Fall)

An introduction to speaking, writing, and reading Dakota language and an overview of Dakota culture.

NAIS 1002. Beginning Dakota Language II. (WL; 5 cr. ; Student Option; Every Spring)

A continuation of 1001 with greater emphasis on conversation and culture. prereq: 1001 or instr consent

NAIS 1011. Beginning Anishinaabe Language I. (; 4 cr. ; Student Option; Every Fall)

An introduction to speaking, writing, and reading Anishinaabe language and an overview of Anishinaabe culture.

NAIS 1012. Beginning Anishinaabe Language II. (WL; 4 cr. ; Student Option; Every Spring)

A continuation of 1011 with greater emphasis on conversation and culture. prereq: 1011

NAIS 1054. Associated Languages: Introduction to Nahuatl Language. (IP; 4 cr. ; Student Option; Periodic Fall & Spring) Same as Span 1054. An introduction to speaking, writing, and reading in contemporary Nahuatl (more popularly known as the

language of the Mexica or Aztecs) and an overview of Nahua culture. prereq: due to the fact that many Nahuatl texts are bilingual, it is recommended that students have completed at least two years of college-level Spanish

NAIS 1101. Introduction to Native American and Indigenous Studies. (HDIV; 4 cr. ; Student Option; Every Fall)

An introduction to Native American and indigenous histories and literature, and to other expressive cultures. An interdisciplinary course emphasizing sovereignty, effects of government policies, and diversity of Native American and indigenous societies.

NAIS 1801. American Indian Song and Dance. (IC; 2 cr. ; Student Option; Periodic Fall)

An academic and active exploration of song and dance traditions from American Indian tribes. prereq: new college student in the first semester of enrollment at UMM

NAIS 1803. Native America in the 20th Century. (IC; 4 cr. ; Student Option; Periodic Fall)

Explore and critically analyze popular representations of Native people as separate from modern American society. Readings and assignments address how indigenous communities have confounded non-Native expectations through participation in wage labor, migration, athletics, and popular media during the long 20th century. prereq: new college student in their first semester of enrollment at UMM

NAIS 2001. Intermediate Dakota I. (HDIV; 5 cr. ; Student Option; Periodic Fall)

Listening, speaking, reading, writing. Oral drills, in-class participation focused on questions/ answers. prereq: 1002

NAIS 2002. Intermediate Dakota II. (HDIV; 5 cr. ; Student Option; Periodic Fall)

Listening, speaking, reading, writing. Oral drills, in-class participation focused on questions/ answers. prereq: 2001

NAIS 2011. Intermediate Anishinaabe Language I. (HUM; 4 cr. ; Student Option; Periodic Fall)

Review of the essential structural patterns of the Anishinaabe language; continued development of oral, aural, reading, and writing skills based on cultural and literary texts appropriate to this level. prereq: 1012 or placement or instr consent

NAIS 2012. Intermediate Anishinaabe Language II. (HUM; 4 cr. ; Student Option; Periodic Spring)

Review of the essential structural patterns of the Anishinaabe language; continued development of oral, aural, reading, and writing skills based on cultural and literary texts appropriate to this level. prereq: 2011 or placement or instr consent

NAIS 2212. Indian Residential Schools: Their History and Legacy. (E/CR; 2 cr. ; Student Option; Periodic Summer)

Study of the general history of Indian residential schools and their on-going legacy. Students produce public resource materials

on Indian residential schools experiences including the Morris Industrial School. Course includes field work.

NAIS 2213. Indian Education Past and Present. (E/CR; 3 cr. [max 6 cr.] ; Student Option; Periodic Summer)

Study of the general history of Indian residential schools and their on-going legacy. Students will produce public resource materials on Indian residential schools experiences including the Morris Industrial School. prereq: instr consent

NAIS 2252. Comparative Indigenous History: Beyond Native America. (HIST; 4 cr. ; Student Option; Periodic Fall)

Same as Hist 2252. Explore indigenous experiences with settler colonialism in the United States, Canada, Australia, New Zealand, and sub-Saharan Africa. With special attention to issues of race, labor, gender, education, and movements for decolonization, place the indigenous histories of Morris and Minnesota within a global context. [Note: no credit for students who have received credit for Amln 1701 or Hist 1701]

NAIS 2801. Anishinaabe Song and Dance: An Exploration of Song and Dance, Traditions and Practices. (HDIV; 4 cr. ; Student Option; Spring Even Year)

Exploration of the language and culture of Anishinaabe song and dance traditions in historical and contemporary times. Learn the deeper meaning and different styles of the ceremonial practices of the Anishinaabe people, which include learning how to make hand drums and studying traditional dance societies and belief systems. prereq: 1011 or instr consent

NAIS 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall, Spring & Summer)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

NAIS 3220. Indigenous Language and Cultural Immersion Experience. (1-2 cr. [max 4 cr.] ; Student Option; Periodic Summer)

As children, humans learn their primary language(s) through day-to-day living and interactions in their communities. This course enables participants to learn Native language through similar immersion, focusing specifically on Minnesota's first people and the Anishinaabemowin and Dakota lapi languages. Students will live in community together and participate in a language immersion experience wherein they conduct everyday activities in the target language; experience language-learning activities suitable to their level of proficiency (from beginner to advanced); and utilize their language skills in the classroom, as well as in outings and activities. Additionally, students study the interrelationships between language, culture, and contemporary events. prereq: instr consent

NAIS 3403. American Indian Education: History and Representation. (E/CR; 4 cr. ; Student Option; Fall Even Year)

Same as Hist 3403. Examination of indigenous education in the United States from pre-contact to the late 20th century. Topics include indigenous ways of teaching and learning, efforts to assimilate Native peoples through education, the movement toward educational self-determination within Native communities, and contemporary representations of boarding school experiences. Students also gain insight into the history of the Morris Indian School and its contemporary representation at UMM.

NAIS 3404. Contemporary Research Issues in Native America. (E/CR; 4 cr. ; Student Option; Periodic Fall)

Critical examination of research theories, methodologies, and practices of various academic disciplines used to study Native Americans. Review of research databases and collections pertaining to Native Americans. Emphasis on the impact and value of research for Native communities. prereq: 1101

NAIS 3405. Digital Workshop in Native American and Indigenous Studies. (E/CR; 2 cr. [max 4 cr.] ; Student Option; Periodic Fall)

Introduction to digital humanities and curatorial practices in Native American and Indigenous Studies. Become familiar with core debates about digital humanities and curatorial studies and use that knowledge to work with archival materials, to create new materials, and to curate a space for those materials. prereq: instr consent

NAIS 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall, Spring & Summer)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

NAIS 4901. Senior Project in Native American and Indigenous Studies. (4 cr. ; Student Option; Every Fall)

A culminating research project in Native American and Indigenous Studies. prereq: 1101, NAIS major, instr consent

Not Transferable (NOTR)

NOTR XXXXX. Not Transferable. (0-999 cr. ; Transfer Grading Basis;)
Not Transferable

Off-Campus Study (OCS)

OCS 400. Other College Study. (; 0 cr. ; S-N or Audit; Every Fall & Spring)
Other college study

OCS 3000. Non-Sponsored Off-Campus Study. (; 0-20 cr. [max 40 cr.] ; S-N only; Every Fall, Spring & Summer)

A registration mechanism for students pursuing a unique off-campus study experience through either other educational institutions or through private non-credit granting agencies. Limited to students whose study is approved by U of MN faculty who certify likely departmental credit for successfully completed study as specified by agreement forms signed by both student and faculty. prereq: dept consent

OCS 3500. National Student Exchange: Plan A Off-Campus Study. (; 0 cr. ; S-N only; Every Fall & Spring)
U of M students pay in-state (resident) tuition and fees at their host NSE campus. Students placed on Plan A are not billed tuition by the U of M and are exempt from paying most student services and university fees to the U of M. prereq: dept consent

OCS 3550. National Student Exchange: Plan B Off-Campus Study. (; 0 cr. ; S-N only; Every Fall & Spring)
U of M students pay their normal tuition and fees to the U of M. Minnesota residents pay full-time resident-rate tuition and fees, and reciprocity students pay full-time reciprocity-rate tuition and fees. prereq: dept consent

Philosophy (PHIL)

PHIL 1004. Introduction to Western Philosophy. (1 cr. ; Student Option; Periodic Summer)

What is the good life for human beings? What happens after we die? What is the relation between our minds and bodies? Does God exist? In this course, we will examine classic works in philosophy that address these big questions. Authors include: Plato, Aristotle, Epictetus, and Lucretius.

PHIL 1101. Introduction to Philosophy. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

An introduction to fundamental philosophical problems in areas such as metaphysics (what exists?), epistemology (what can we know? and how can we know it?), and ethics (what actions are moral and immoral? and what is the good life?), with an emphasis on developing the reading, writing, and analytical skills required for philosophical investigation.

PHIL 1102. Introduction to Symbolic Logic. (M/SR; 4 cr. ; Student Option; Every Fall)

An introduction to formal or deductive logic, including basic concepts of logical argumentation, Aristotelian logic, symbolic translations, truth tables, and theory of deduction. Samples from political speeches, philosophical essays as well as original LSAT questions are analyzed.

PHIL 1103. Introductory Ethics. (E/CR; 4 cr. ; Student Option; Every Spring)

An introduction to philosophical positions about the nature of morality, what makes right acts right and wrong acts wrong, and various applied-ethical debates, such as abortion, wage ethics, and animal rights. [Note: no cr for students who have received cr for Phil 2111]

PHIL 1801. THINK: An Introduction to Philosophy. (IC; 4 cr. ; Student Option; Periodic Fall)

How should we live our lives? What happens after death? What is the relationship between the mind and body? Does God exist? Why do bad things happen to good people? Examine classical works in philosophy that address these big questions about human nature and its place in the universe. Authors include: Plato, Aristotle, Epictetus, Lucretius, Sextus Empiricus, Descartes, and Hume. Work on the

development of philosophical writing, reading, and speaking skills. prereq: new college student in their first semester of enrollment at UMM

PHIL 1802. Philosophy and Pop Culture. (IC; 4 cr. ; Student Option; Periodic Fall)

An introduction to traditional issues in philosophy through the lens of characters presented in various pop cultural media. prereq: new college student in their first semester of enrollment at UMM

PHIL 1803. How To Think About Weird Things. (IC; 4 cr. ; Student Option; Periodic Fall)

A course designed to build basic critical thinking skills. Answer questions like: What makes a method of inquiry rational? What, if anything, distinguishes "scientific reasoning" from other sorts of reasoning? More generally, what distinguishes good from bad reasoning? What is truth--is it relative? prereq: new college student in their first semester of enrollment at UMM

PHIL 1804. The Meaning of Life. (IC; 4 cr. ; Student Option; Periodic Fall)

Introduces incoming students to college through a variety of philosophical readings on the topic of whether there is any meaning of life and, if so, what it is. prereq: new college student in their first semester of enrollment at UMM

PHIL 1805. Campus Quandaries: Moral Problems Raised by College Life. (IC; 4 cr. ; Student Option; Periodic Fall)

An introduction to the methods of ethical inquiry as applied to moral debates of interest to first-year college students. Topics include controversies over free/hate speech, symbols of historical injustice, protests, consensual sex, drug use, and the purpose of a college education. prereq: new college student in their first semester of enrollment at UMM

PHIL 1806. Logic for Liberal Arts. (IC; 2 cr. ; Student Option; Periodic Fall)

An introduction to fundamental concepts of logical and critical thinking with wide application across the liberal arts. Topics include the principal forms of argumentation, validity, common formal and informal fallacies, varieties of evidence, the major types of definitions and their uses, and the challenges of charitable interpretation. prereq: new college student in their first semester of enrollment at UMM

PHIL 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

PHIL 2112. Professional Ethics. (E/CR; 4 cr. ; Student Option; Every Fall)

A critical examination of moral issues that arise in a person's professional life. Possible topics include affirmative action, autonomy in the workplace, ethical issues in advertising, corporate responsibility, coercive wage offers, distributive justice, and sexual harassment. Issues concerning race, gender, and women are included in selected modules.

PHIL 2113. International and Biomedical Ethics. (E/CR; 4 cr. ; Student Option; Periodic Spring)

A general survey of topics in international and biomedical ethics. Topics may include: nuclear deterrence, humanitarian intervention, just war theory, famine relief, global justice, abortion, euthanasia, doctor-patient relationships, clinical trials, animal experimentation, and genetic engineering.

PHIL 2114. Environmental Ethics. (ENVT; 4 cr. ; Student Option; Spring Even Year)

Survey of fundamental theoretical debates in environmental ethics. Major positions in environmental ethics such as anthropocentrism and deep ecology are canvassed. Specific topics include: speciesism, the tension between animal rights and environmentalism, geoengineering, de-extinction, and indigenous environmental approaches.

PHIL 2121. Philosophy of Religion. (HUM; 4 cr. ; Student Option; Periodic Spring)

An exploration of philosophical debates concerning the nature of religion, the existence and nature of God, the relationship between faith and reason, and other targets of religious interest such as free will, the soul, and immorality.

PHIL 2141. Analytic Feminism. (HUM; 4 cr. ; Student Option; Periodic Spring)

A critical examination, from a variety of perspectives, of major philosophical positions of prominent feminist writers and movements. Possible topics include the nature and ethics of sexism, patriarchy, gender and gender differences, transgenderism, standpoint theory, hate speech, and relationship and parenting ethics.

PHIL 2151. Philosophy of Mind. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

An introduction to several problems in the philosophy of mind, such as the mind/body problem, consciousness, and psychological explanation.

PHIL 2162. Ethics of Love and Sex. (E/CR; 4 cr. ; Student Option; Spring Odd Year)

Survey of fundamental theoretical debates about the ethics of love and sex. Topics include: competing accounts of erotic love, hookup culture, sexual consent and fraud, racial preferences, prostitution, polygamy and polyamory, BDSM and sexual dignity, sex robots, and sex ultimatums.

PHIL 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

PHIL 3101. Metaphysics. (HUM; 4 cr. ; Student Option; Spring Even Year)

Explores fundamental metaphysical issues such as the nature of reality, the notion of personal identity, the relationship between language, thought, minds, and the world. Philosophical works of both classic and contemporary philosophers such as Plato, Aristotle, Quine, Putnam, and Kripke are

discussed. prereq: 1101 or 1102 or 1103 or instr consent

PHIL 3112. Free Will and Moral Responsibility. (HUM; 4 cr. ; Student Option; Periodic Spring)

Explores ancient and contemporary debates about the nature of free will and its value. Possible topics include the relevance of free will to autonomy, moral responsibility, and living meaningfully. Possible topics include: whether the sciences tell us what free will is and/or whether we have it, whether free will is required for moral and/or legal responsibility, whether it is possible for non-humans (e.g. animals or AI) to have free will, and the role of free will in living an autonomous and meaningful life. prereq: 1101 or 1102 or 1103 or instr consent

PHIL 3121. Political Philosophy. (SS; 4 cr. ; Student Option; Fall Even Year)

An exploration of active debates in political theory and applied political philosophy. Topics such as political legitimacy, free speech (and hate speech), distributive justice, political equality and individual liberties, communitarianism, nationalism, immigration, and secession are discussed from a variety of political perspectives. prereq: 1101 or 1102 or 1103 or instr consent

PHIL 3131. Philosophy of Law. (SS; 4 cr. ; Student Option; Fall Odd Year)

Critical examination of theoretical and normative issues in the philosophy of law, including the connection (if any) between the law and morality, the nature of criminal responsibility, debates over the purpose of punishment, theories of legal interpretation, etc.

PHIL 3141. Epistemology. (HUM; 4 cr. ; Student Option; Fall Even Year)

Explores historical and contemporary views on the limits, justification, and nature of human knowledge. Topics include experiential versus a priori knowledge, the nature of belief, skepticism, and different theories of justification. prereq: 1101 or 1102 or 1103 or instr consent

PHIL 3151. History of Ancient Philosophy. (HIST; 4 cr. ; Student Option; Fall Even Year)

Explores the views of philosophers such as Plato, Aristotle, Epicurus, and the Stoics. Possible topics include ancient views on the nature and possibility of knowledge, the relationship of the soul to the body, and what the good life is for a human being. prereq: 1101 or 1102 or 1103 or instr consent

PHIL 3171. History of Modern Philosophy. (HIST; 4 cr. ; Student Option; Spring Even Year)

Explores views of philosophers such as Descartes, Leibniz, Berkeley, Hume, and Kant. Possible topics include the relationship of the mind to the body, and whether and how it is possible to have knowledge of the external world. prereq: 1101 or 1102 or 1103 or instr consent

PHIL 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a

faculty member for academic credit in areas not covered in the regular curriculum.

PHIL 4000. History of Philosophy Seminar. (HIST; 4 cr. [max 8 cr.] ; Student Option; Every Fall)

Intensive investigation of a particular philosophical problem, area, or work of a philosopher. Topics vary. prereq: 1101 or 1102 or 1103 or instr consent

PHIL 4002. Existentialism. (HIST; 4 cr. ; Student Option; Periodic Fall & Spring) Examination of some prominent thinkers often classified as "existentialists": Kierkegaard, Dostoevsky, Nietzsche, Sartre, and Camus. Topics include what human freedom is, what makes a life authentic (or inauthentic), what role passion and choice should play in acquiring our beliefs and values, and what difference (if any) God's existence or non-existence makes on the significance of our lives. prereq: any 1xxx or 2xxx or instr consent

PHIL 4100. Contemporary Moral Debates. (HUM; 4 cr. [max 8 cr.] ; Student Option; Fall Even Year)

Intensive investigation of a particular concern, theoretical or applied, being actively debated by ethicists. Topics vary, but students will leave the course prepared to contribute to the scholarly conversation on the issue. prereq: 1103 or instr consent

PHIL 4121. Philosophy of Language. (HUM; 4 cr. ; Student Option; Spring Odd Year)

Traditional and contemporary discussions of philosophical problems such as the nature of language, its relationships to the world, to human thought, and to truth; the nature of logical reasoning; metalogical problems. Readings from philosophers such as Frege, Russell, Quine, Putnam, Goodman, Wittgenstein, and Kripke. prereq: 1102 or instr consent

PHIL 4130. Contemporary Issues in Philosophy. (HUM; 4 cr. [max 8 cr.] ; Student Option; Fall Odd Year)

Exposure to, and critical examination of, philosophical issues of special contemporary interest. Topics may include the nature of analytic philosophy and its relationship to other philosophical traditions such as continental or feminist philosophy, the debate on realism and anti-realism, the notion of objectivity. prereq: 1101 or 1102 or 1103 or instr consent

PHIL 4131. Personal Identity, Proper Names, and Essences. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)

A seminar primarily devoted to the discussion of readings, i.e., Naming and Necessity by Saul Kripke and Reasons and Persons by Derek Parfit. Questions such as: How do proper names function? Are there essential features of persons or objects? What makes each of us the same particular individual over time? prereq: 1101 or 1102 or 1103 or instr consent

PHIL 4901. Senior Philosophical Defense. (; 2 cr. ; A-F only; Every Fall & Spring)

Writing and defending a senior philosophical thesis is the culminating experience for UMM philosophy majors. Majors develop a piece of their philosophical writing, producing multiple

drafts in response to comments from a variety of philosophical viewpoints, and then orally defend their thesis. prereq: phil major

PHIL 4902. Advanced Seminar in History of Philosophy. (HUM; 4 cr. ; A-F only; Periodic Spring)

Advanced seminar on selected topics in the History of Philosophy. Students read and discuss primary source material on a topic of common interest. Additionally, each student investigates a related topic in greater depth, writes a paper, and gives a public presentation. prereq: 1101 or 1102 or 1103 , sr status, instr consent

PHIL 4903. Advanced Seminar in Metaphysics and Epistemology. (HUM; 4 cr. ; A-F only; Periodic Spring)

Advanced seminar on selected topics in the Metaphysics and Epistemology. Students read and discuss primary source material on a topic of common interest. In addition, each student investigates a related topic in greater depth, writes a paper, and gives a public presentation. prereq: 1101 or 1102 or 1103, sr status, instr consent

PHIL 4904. Advanced Seminar in Value Theory. (HUM; 4 cr. ; A-F only; Periodic Spring)

Advanced seminar on selected topics in Value Theory. Students read and discuss primary source material on a topic of common interest. In addition, each student investigates a related topic in greater depth, writes a paper, and gives a public presentation. prereq: 1101 or 1102 or 1103, sr status, instr consent

PHIL 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Physics (PHYS)

PHYS 1052. The Solar System. (SCI-L; 5 cr. ; Student Option; Every Fall)

History of astronomy; motions of celestial objects; gravity and electromagnetic radiation; the Earth and Moon; the planets and their moons; meteors and asteroids; the Sun; telescopes and other astronomical instruments. Stars and constellations of the fall sky. Night viewing sessions required. (4 hrs lect, 2 hrs lab)[Note: no cr for students who have received cr for Phys 1051]

PHYS 1053. Introduction to Stars, Galaxies, and Cosmology. (SCI; 4 cr. ; Student Option; Periodic Fall & Spring)

Gravity and electromagnetic radiation; nuclear physics; stellar properties; stellar evolution; galaxies; quasars; and cosmology. Stars and constellations of the winter sky. Night viewing sessions required. (4 hrs lect)

PHYS 1054. Introduction to Astronomy. (SCI; 4 cr. ; Student Option; Periodic Fall)

Course covers the fundamentals of sky observation, including fall constellations and historical development; orbits, gravitation, and seasons; radiation, spectra, and astronomical instrumentation; objects in the solar system;

including planets, asteroids, comets, and more; the sun as a star in the Milky Way. Nighttime viewing sessions are required. (4 hrs lect)

PHYS 1063. Physics of Weather. (ENVT; 4 cr. ; Student Option; Periodic Fall & Spring) Structure and dynamics of the atmosphere, global energy balance, various atmospheric phenomena from the global scale to the local scale including global wind systems, cyclones, fronts and air masses, thunderstorms, tornadoes, past and present climate, weather forecasting, problems concerning the interaction between civilization and the atmosphere. Some observation and field work required.

PHYS 1091. Principles of Physics I. (SCI-L; 5 cr. ; Student Option; Every Fall) Introduction to physics without the use of calculus. Vectors, kinematics, Newton's laws of motion, work and energy, momentum, torque, fluids, thermal physics, laws of thermodynamics, oscillations and waves. (4 hrs lect, 2 hrs lab) prereq: high school higher algebra and trigonometry

PHYS 1092. Principles of Physics II. (SCI-L; 5 cr. ; Student Option; Every Spring) Coulomb's law, electric fields, electric potential, capacitance, electric current, resistance, DC circuits, magnetism, induction, reflection and refraction of light, mirrors and lenses, interference and diffraction, optical instruments, radioactivity (4 hrs lect, 2 hrs lab) prereq: 1091

PHYS 1101. General Physics I. (SCI-L; 5 cr. ; Student Option; Every Spring) Vectors, kinematics, laws of motion, circular motion, work-energy theorem, conservation principles, rotational motion, gravitation, simple harmonic oscillations, wave phenomena, fluid mechanics, thermal properties of matter, kinetic theory, laws of thermodynamics. (4 hrs lect and rec, 2 hrs lab) prereq: Math 1101 or instr consent

PHYS 1102. General Physics II. (SCI-L; 5 cr. ; Student Option; Every Fall) Coulomb's law, electric field, Gauss's law, electric potential, capacitance, dielectrics, current, resistance, circuits, magnetic field, Ampere's law, inductance, Faraday's law, AC circuits, Maxwell's equations, electromagnetic waves, nature of light, reflection, refraction, optical instruments, interference, diffraction. (4 hrs lect and rec, 2 hrs lab) prereq: 1101, Math 1102 or instr consent

PHYS 1801. Energy Science. (IC; 2 cr. ; Student Option; Periodic Fall) A scientific and quantitative look at the production and consumption of energy. Examination of the scientific foundations of numerous sources of energy and evaluation of the potential for each to satisfy the world's appetite for energy. prereq: new college student in their first semester of enrollment at UMM

PHYS 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

PHYS 2101. Modern Physics. (SCI-L; 4 cr. ; Student Option; Every Spring) Special relativity, quantum nature of matter and radiation, Bohr-Sommerfeld atom, atomic spectra, uncertainty principle, Schrodinger equation, hydrogen atom, electron spin, Pauli principle, and periodic table. (3 hrs lect, 3 hrs lab) prereq: 1102, Math 2401 or instr consent

PHYS 2201. Circuits and Electronic Devices. (SCI-L; 4 cr. ; Student Option; Periodic Fall & Spring) A hands-on practical course in electronics. Analog electronics including AC and DC circuit analysis, passive circuit elements, pn junctions, transistors, and op-amp circuits. Digital electronics including combinational logic, sequential logic, and modern digital electronic devices. (3 hrs lect, 3 hrs lab) prereq: 1102 or instr consent

PHYS 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

PHYS 3003. Computer Modeling of Materials. (SCI; 2 cr. ; Student Option; Periodic Fall & Spring) Focus on the description of materials as assemblies of microscopic particles, covering aspects of molecular dynamics simulations in various statistical ensembles. Skills in scientific programming, visualization and parallel programming are developed through a semester-long project in which students develop a series of molecular dynamics modules. prereq: 1102

PHYS 3004. Atmospheric Physics. (ENVT; 4 cr. ; Student Option; Fall Odd Year) Introduction to atmospheric physics with an emphasis on thermodynamics. Atmospheric thermodynamics including gas laws, phase transitions, laws of thermodynamics, two-component systems, atmospheric stability; radiative transfer including atmospheric optics and remote sensing; some aspects of atmospheric chemistry such as aerosols, chemical cycles, traces gases; cloud microphysics including nucleation and growth; and atmospheric dynamics including equations of motion for fluid flow; applications to weather systems. (4 hrs lect) [Note: no credit for students who have received cr for Phys 2301] prereq: 1092 or 1102, Math 1102

PHYS 3101. Classical Mechanics. (SCI; 4 cr. ; Student Option; Fall Even Year) Kinematics and dynamics of a particle, oscillations, central-force motion, systems of particles, rigid-body rotations, gravitation, non-inertial coordinate systems, Lagrangian and Hamiltonian formulations, dynamics of rigid bodies. (4 hrs lect) prereq: 2101, Math 2101 or instr consent

PHYS 3151. Solid State Physics. (; 2 cr. ; Student Option; Periodic Fall & Spring) An introduction to crystal lattices, Bravais lattices, electronic band structure in metals and semi-metals, cohesive energy of solids, phonon

structure, magnetic properties. prereq: 2101, Math 2101

PHYS 3152. Particle and Nuclear Physics. (; 2 cr. ; Student Option; Periodic Fall & Spring) Leptons, baryons, quarks, the weak interaction, the strong interaction, the Standard Model, Feynman diagrams, nuclear stability, the shell model, decay modes, nuclear reactions. prereq: 2101

PHYS 3154. Biomedical Physics. (2 cr. ; Student Option; Periodic Fall & Spring) Topics from the physics of biological systems and/or medical physics. May include: biomechanics, transport, bioelectricity, biomagnetism, medical imaging, and/or nuclear medicine. prereq: 1092 or 1102 and Math 1021 or Math 1101 or instr consent

PHYS 3301. Optics. (; 4 cr. ; Student Option; Spring Even Year) Light as a wave phenomenon, electromagnetic nature of light, Huygens' principle, interference, diffraction--Fraunhofer and Fresnel, polarization, dispersion, absorption and scattering. (2-65 min lect, one 180-min lab) [Note: no credit for students who have received cr for Phys 2401] prereq: 1102

PHYS 3401. Experimental Physics. (SCI-L; 4 cr. ; Student Option; Periodic Fall & Spring) An introduction to modern experimental methods. (3 hrs lect, 3 hrs lab) prereq: 2101

PHYS 3501. Statistical Physics. (SCI; 4 cr. ; Student Option; Periodic Fall & Spring) Probability distributions, statistical ensembles, statistical thermodynamics, ideal gases, quantum statistics, kinetic theory of transport phenomena. (4 hrs lect) prereq: 2101

PHYS 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

PHYS 4101. Electromagnetism. (; 4 cr. ; Student Option; Fall Odd Year) Vector calculus, electrostatics, Laplace and Poisson equations, dielectrics, magnetostatics, magnetic properties of matter, electromagnetic induction, Maxwell's equations, electrodynamics, electromagnetic waves. (4 hrs lect) prereq: 2101, Math 2101 or instr consent

PHYS 4201. Quantum Mechanics. (; 4 cr. ; Student Option; Every Spring) Uncertainty principle, Schrodinger equation, commutation relations, momentum space wave functions, Dirac notation, applications to problems in one dimension and the hydrogen atom, angular momentum. (4 hrs lect) prereq: 2101, Math 2101

PHYS 4901. Senior Thesis I. (; 1 cr. ; Student Option; Every Fall) Capstone experience in physics. Students work with recent journal articles in physics, practice technical writing, and identify a thesis topic. prereq: sr

PHYS 4902. Senior Thesis II. (; 1 cr. ; Student Option; Every Spring) Students develop and present their senior theses orally and in writing. prereq: 4901

PHYS 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Political Science (POL)

POL 1101. Introduction to Political Theory. (E/CR; 4 cr. ; Student Option; Every Spring)
An introduction to key political concepts, questions, and ideologies through the writings of major political thinkers and examination of contemporary debates about political life.

POL 1201. American Government and Politics. (E/CR; 4 cr. ; Student Option; Every Fall & Spring)
Analysis of principles, organization, procedures, and powers of government in the United States. The federal system, national constitution, civil and political rights, party system; nature, structure, powers, and procedures of legislative, executive, and judicial departments of the national government.

POL 1202. Law and Society: Introduction to Public Law. (SS; 4 cr. ; Student Option; Spring Odd Year)
Law is a significant part of modern-day society and culture, especially in the United States. Examine the adversarial system of law and the various actors and institutions that influence and shape it in this country. In particular, look at where legal authority comes from and its limits in modern society. Explore the ways in which law acts to restrict and empower individuals and groups in society. This introductory level course is intended as a survey of the concept of public law both for students interested in taking upper-level courses dealing with legal and constitutional questions and for students simply interested in a greater understanding of why and how law matters in 21st-century society. It is taught using lectures mixed with some in-class activities and simulations.

POL 1401. World Politics. (IP; 4 cr. ; Student Option; Every Fall)
An introduction to international relations, covering the basic concepts, theories, and trends. The major issue fields include historical international systems, war and peace, foreign policy, diplomacy, national interests, international conflict and cooperation, international law, and international organizations.

POL 1811. War and Terrorism. (IC; 2 cr. ; Student Option; Periodic Fall)
An in-depth look into war and terrorism from 1914 to the present. Why do nations go to war? Why do people resort to terrorism? How do we prevent war/terrorism and preserve peace? Grapple with these questions and by the end of the term, acquire a rich, sophisticated understanding of war/terrorism and independent, critical thinking skills on international conflicts as a whole. prereq: new college student in their first semester of enrollment at UMM

POL 1812. Political, Social, and Military Conflict in American Film. (IC; 4 cr. ; Student Option; Periodic Fall)
An initial exploration of how motion pictures portray political, social, and military conflict in different periods of U.S. history. Students examine the images and messages of various kinds of political conflict as projected in American film and connect these portrayals to both the historical and social context of the times and to Hollywood's commercial objectives and elite biases. Specific topics include America's political founding and "civilizing" of the West, the civil rights movement and the struggle for LGBT rights, the politicized justice system, political leadership and corruption, war as heroic and tragic struggle, and dystopian political visions of America's future. prereq: new college student in their first semester of enrollment at UMM

POL 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

POL 2001. Political Science Research Methods. (SS; 4 cr. ; Student Option; Every Fall)
Students conceive and develop research questions and hypotheses; collect and critically review published research on their topic; analyze empirical evidence using statistical software; and write clearly, forcefully, and logically about their research. Examination of the philosophy and critiques of social-science methods. prereq: any 1xxx-level UMM Pol course, major or minor or instr consent

POL 2202. Criminal Justice and Policing. (4 cr. ; Student Option; Fall Odd Year)
Same as HMSV 2202. Law enforcement is a critical function in the United States that operates on the local, state, and national level. This course examines processes, actors, and institutions involved in criminal justice, from the investigation of criminal activity through the arrest and incarceration of individuals. With a focus on modern controversies such as use of force and systemic racism, the course provides students with a critical foundation for understanding the criminal justice system in the context of the United States. prereq: 1202

POL 2221. The American Judicial Process. (SS; 2 cr. ; Student Option; Spring Even Year)
A half-semester course examining the common law system as broadly practiced in the United States, including types of legal recourse, the structures of state and federal judicial systems, how judges are selected, and the various influences on their decisions.

POL 2222. The U.S. Supreme Court. (SS; 2 cr. ; Student Option; Spring Even Year)
A half-semester course specifically looking at the role of the Supreme Court in U.S. politics with an emphasis on its historical development, how it interacts with the other federal branches, and the decision-making process of the justices on the Court.

POL 2234. Race, Class and Power: Social Movements in U.S. Politics. (HDIV; 2 cr. ; Student Option; Spring Odd Year)
Using a case study approach, this half-semester course examines a variety of social movements from across U.S. history. Addresses questions such as why social movements arise, how they succeed or fail, and how the American political system adapts to their influence.

POL 2235. Race, Class and Power: Interest Groups in U.S. Politics. (HDIV; 2 cr. ; Student Option; Spring Odd Year)
A half-semester course focusing on the growth and importance of interest groups in U.S. politics by looking at different types of interest groups, the tactics they use to try to influence the political system, how successful they are at doing so, and whether this system works for the public good.

POL 2261. States: Laboratories of American Democracy. (E/CR; 2 cr. ; Student Option; Spring Odd Year)
Examination of the ways American democracy functions in the states. Analysis of principles, organizations, procedures, and functions of state government in the United States, with particular emphasis on comparing state politics and policy outcomes. [Note: no credit for students who have received credit for Pol 3261] prereq: 1201 or instr consent

POL 2262. Power and Politics in American Cities and Communities. (E/CR; 2 cr. ; Student Option; Spring Odd Year)
Explores the nature of political power and institutions in urban, suburban, and rural communities, along with cultural and economic forces. Analyzes political and policy trends in metropolitan regions and rural areas. Includes relevant experiential or service projects in surrounding communities.

POL 2301. Anarchy and Utopia. (HUM; 2 cr. ; Student Option; Fall Odd Year)
An analytical survey of anarchist thought and utopian ideals that are used to challenge modern political and social systems. The course draws from scholarly work as well as fiction, films, and mixed media sources.

POL 2302. Gandhi and the Politics of Resistance. (SS; 2 cr. ; Student Option; Fall Odd Year)
A study of Gandhi's theory and practice of satyagraha and swaraj as forms of nonviolent political resistance and human realization. Places Gandhi within the historical and theoretical context of Indian political thought and colonialism and examines the influence of Gandhi's politics of resistance on international political theory.

POL 2354. Political Ethics. (E/CR; 4 cr. ; Student Option; Fall Even Year)
Examination of the political leadership and decision making. Ethical frameworks drawn from theoretical readings are applied to a range of historical and contemporary case studies, including an extended role-playing simulation. [Note: no credit for students who have received credit for Pol 3354]

POL 2401. U.S. Foreign Policy. (IP; 4 cr. ; Student Option; Fall Even Year)

American diplomatic history. Institutions and processes of American foreign policy. Major factors to be considered and levels of analysis that allow for the examination and dissection of foreign policy decisions. [Note: no credit for students who have received credit for Pol 3401]

POL 2411. Model United Nations. (IP; 4 cr. ; Student Option; Spring Even Year)
Students examine the nature and functions of the United Nations and hone their negotiating skills through a series of mock UN conferences. The issue areas to be covered include peace and security, social justice, economic well-being, nuclear proliferation, environment, and human rights.

POL 2461. Diplomatic Negotiation. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)
Discusses negotiation strategies and tactics and examines negotiation skills through a series of simulated negotiations and mock conferences. Diplomacy, negotiation styles, negotiation simulations, and mock conferences. [Note: no credit for students who have received credit for Pol 3461]

POL 2501. East Asian Society and Politics. (SS; 4 cr. ; Student Option; Fall Odd Year)
Examination of governments, political and leadership changes, and economic developments in China, Japan, and Korea. Modernization, democratization, political pluralism, revolution, authoritarianism, and civil-military relations. [Note: no credit for students who have received credit for Pol 3501]

POL 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

POL 3201. Legislative Process. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)
The internal organization of Congress and state legislatures, with emphasis on how rules and organizational changes affect the policy process. Topics include the evolution of the modern Congress and state legislatures, the committee system, the role of party leadership, and competing theories of congressional organization and behavior. prereq: 1201 or instr consent

POL 3211. The American Presidency. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)
Traces the development of the American presidency over time. Major theories of presidential behavior and success are examined, as well as the literature on presidential popularity and executive/congressional relations. prereq: 1201 or instr consent

POL 3231. Constitutional Law: Civil Liberties and Civil Rights. (HDIV; 4 cr. ; Student Option; Fall Even Year)
Case-based examination of major Supreme Court opinions primarily dealing with the Bill of Rights and including topics such as freedom of religion, speech and the press, rights of the accused, and struggles over the right to privacy and how to guarantee civil rights protections. [Note: this course is one part of a two-part set

of courses covering Constitutional Law; these courses may be taken in any order] prereq: 1201 or instr consent

POL 3232. Constitutional Law: Governmental Powers and Constraints. (SS; 4 cr. ; Student Option; Fall Odd Year)
Case-based examination of major Supreme Court opinions dealing with separation of powers, checks and balances, and issues of federalism. Specific topics include the importance of due process, the Contract Clause, the power to tax and spend, the Commerce Clause, and the struggle to define national and state powers. [Note: this course is one part of a two-part set of courses covering Constitutional Law; these courses may be taken in any order] prereq: 1201 or instr consent

POL 3251. American Democracy in Action: Campaigns, Elections, and Political Behavior. (SS; 4 cr. ; Student Option; Fall Even Year)

Examination of the American system of choosing new political leaders and the reasons behind political engagement and making specific voting choices. Attention is paid to the demographics of who does and does not participate, what happened in recent elections, and how American voting behavior has changed and is changing. There is a significant focus on the mid-term or presidential elections which occur during the semester the course is offered, including the creation and implementation of a poll of voters. [Note: no credit for students who have received credit for Pol 4251] prereq: 1201 or instr consent

POL 3263. Political Psychology. (SS; 4 cr. ; Student Option; Spring Even Year)
Examines the intersection of political science and psychology research, particularly on topics such as personality, emotions, and cognition. Explores the various roles of individuals and groups in political decision-making, emphasizing the connections between how we think and learn and how we structure society and make political choices. prereq: 1201; Psy 1051 or instr consent recommended

POL 3266. Media in American Politics. (SS; 4 cr. ; Student Option; Periodic Fall & Spring)
Examination of the relationships between mass media, government, and public in American democracy. Focus on the role of informed citizenry in theories of U.S. democracy, role of media in informing the U.S. citizenry, and the methods by which this occurs or fails to. Specific attention is given to the ways media influences public opinion, the effects of media, such as framing, agenda setting, and priming, and relationship of media, public opinion, and elites in politics. [Note: no credit for students who have received credit for Pol 4266] prereq: 1201 or instr consent

POL 3272. Making Environmental Public Policy. (ENVT; 4 cr. ; Student Option; Spring Even Year)
Exploration of the domestic and international politics of environmental and energy policy making. Focus on theoretical frameworks for policy making and political behaviors surrounding development of environmental

and energy policies. Includes the applications of political dynamics and principles to specific areas of environmental and energy policy. Emphasis also given to politics of policy implementation. prereq: 1101 or 1201 or 1401

POL 3302. Islamic Political Thought. (SS; 2 cr. ; Student Option; Fall Even Year)
Examination of classical and contemporary perspectives on Islam and politics that draws from a diverse range of Muslim and non-Muslim political thinkers and scholars. Particular attention given to the global discourse on Islam and democracy. prereq: 1101 or instr consent

POL 3303. Gender, Sexuality, and Political Theory. (SS; 2 cr. ; Student Option; Fall Even Year)

Examination of the politics of sex, gender, and sexuality through study of contemporary critical analyses within political theory. prereq: 1101 or instr consent

POL 3351. Ancient and Medieval Political Thought. (HUM; 4 cr. ; Student Option; Spring Even Year)

A survey of Western social and political thought from 5th century BCE through the 15th century. Includes two extended role-playing simulations on the Athenian Assembly at the time of the trial of Socrates and the Roman Republic at the time of Julius Caesar's assassination. prereq: 1101 or instr consent

POL 3352. Modern Political Thought. (HUM; 4 cr. ; Student Option; Spring Odd Year)
A survey of Western social and political thought from the 16th through the 19th centuries. Includes an extended role-playing simulation on the Reformation Parliament's debates on secular rule and separation from the Church during the reign of King Henry VIII. prereq: 1101 or instr consent

POL 3355. Environmental Political Theory. (ENVT; 4 cr. ; Student Option; Fall Odd Year)
An examination of political understandings of the relationship between humans and the natural environment. Topics include international perspectives on the natural environment, technological optimism and survivalism, the tragedy of the commons, environmental direct action movements, the environmental justice movement, and theories of green democracy and citizenship.

POL 3411. International Law. (IP; 4 cr. ; Student Option; Spring Odd Year)
An introduction to public international law, examining basic concepts, theories, and legal cases in international law. Includes the nature of international law, recognition, succession, the rights and duties of international persons, the individual and international law, territorial questions, and laws of war. prereq: 1401 or instr consent

POL 3451. Comparative Foreign Policy. (; 4 cr. ; Student Option; Spring Even Year)
Comparative examination of foreign policies of the United States, China, and Russia. Topics include Sino-American relations, Sino-Russia relations, China's rise, Russia's resurgence, global war on terrorism, and nuclear proliferation. [Note: no credit for

students who have received credit for Pol 4451] prereq: 1401 or instr consent

POL 3453. Russian Politics and Foreign Policy. (IP; 4 cr. ; Student Option; Periodic Spring)

Domestic and foreign policies of Russia and the former Soviet Union from the Bolshevik Revolution to the present. Nature of the Soviet empire, Russian Federalism, democratic and market reforms, and Russian foreign relations. prereq: 1401 or instr consent

POL 3475. International Human Rights. (4 cr. ; Student Option; Spring Odd Year)

Explores the historical and philosophical development of concepts of human rights and the contemporary international political and legal frameworks to address rights. Analyzes contemporary concerns about political, economic, and social rights, as well as specific human rights topics like human trafficking and war crimes. Compares American, European, Asian, and Developing World conceptions and critiques of human rights. prereq: 1401 or instr consent

POL 3504. Latin American Politics. (4 cr. ; Student Option; Periodic Fall)

A comparative examination of central issues in and components of Latin American political life, with a particular focus on economic development, political development of democratic regimes, political violence and human rights, and the region's role in the world. Countries analyzed may include Argentina, Brazil, Chile, Colombia, El Salvador, Mexico, Peru, and Cuba. prereq: 1401 or instr consent

POL 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

POL 3996. Field Study in Political Science. (1-16 cr. ; Student Option; Every Fall & Spring) Field study of governmental organization; internship with legislature, a state or local administrative office, lobbying group, or other position involving direct experience with government, governmental officials, or political organizations and environment. [Note: max of 4 cr may be applied to the major or minor]

POL 4205. Seminar in American Politics. (4 cr. ; A-F only; Periodic Fall & Spring)

The course includes class meetings based on scholarly readings, student-led critical discussion, as well as time devoted to independent research leading to a substantive research paper. prereq: 1201, 2001 or instr consent

POL 4305. Seminar in Political Theory. (4 cr. ; Student Option; Fall Even Year)

The course includes class meetings based on scholarly readings, student-led critical discussion, as well as time devoted to independent research leading to a substantive research paper. prereq: 1101, 2001 or instr consent

POL 4405. Seminar in Comparative Politics and International Relations. (4 cr. ; Student Option; Spring Even Year)

The course includes class meetings based on scholarly readings, student-led critical discussion, as well as time devoted to independent research leading to a substantive research paper. prereq: 1401, 2001 or instr consent

POL 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Psychology (PSY)

PSY 1026. Reclaiming Happiness. (1 cr. [max 2 cr.] ; S-N only; Every Fall & Spring) How to maintain wellbeing through practices in positive psychology, including cultivating optimism and positive emotions, rewiring negative bias, identifying personal strengths, optimism, gratitude, engagement, meaning and purpose, and positive relationships in support of personal wellbeing and success. [Note: only one credit may be applied to the Psy major or minor]

PSY 1051. Introduction to Psychology. (SS; 4 cr. ; Student Option; Every Fall & Spring) An introduction to the science of mind and behavior. Topics include history of psychology, research methods, biological bases for behavior, life span development, sensation and perception, learning, cognitive and social processes, personality, psychopathology, and applications of psychology.

PSY 1807. Drugged Society: Humanity's Long-term Relationship with Mind-altering Substances. (IC; 2 cr. ; Student Option; Periodic Fall) Mind-altering substances have been part of the human experience since before written history. This seminar/discussion-based course explores the many ways drugs and drug trade have impacted human societies and cultures. Examples of topics include the role of drug trade in European colonization, the connections between drugs and religion and spirituality, development of legal restrictions, the influence of drugs on arts and literature, and the like. This interdisciplinary course requires active classroom participation and the completion of a research project and presentation with both individual and group components. prereq: new college student in their first semester of enrollment at UMM

PSY 1812. How to Succeed at Being Adult. (IC; 2 cr. ; Student Option; Periodic Fall) Discussion of topics related to what it means to be human, and in particular, an adult human. These topics may include: what it means to be part of Gen Z, mental health issues in Gen Z, cultural pressures experienced by each generation in the United States and how that is related to identity formation, how to construct a meaningful philosophy of life, and how to manage human behavioral adaptations that are simultaneously both a blessing and a curse. This course will also investigate areas that research has shown to lead to "success" as an adult, such as stress reduction, mental health

management, and financial acuity. prereq: new college student in their first semester of enrollment at UMM

PSY 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

PSY 2001. Research Methods in Psychology. (SS; 4 cr. ; Student Option; Every Fall & Spring)

Design, analysis, and interpretation of research in psychology. Instruction on different research techniques and ethics in research. Students conduct, analyze, and evaluate empirical research and gain experience preparing APA-style research reports. Includes laboratory/discussion sessions. prereq: 1051, Stat 1601 or Stat 2601, or instr consent

PSY 2112. Psycholinguistics. (SS; 4 cr. ; A-F only; Periodic Fall)

An introduction to the crossroads of psychology and linguistics. Topics include: introduction to linguistics, language production and comprehension at various levels, dialogue, language development, reading, and language abnormalities. Specific methods are discussed throughout. prereq: 1051

PSY 2402. Family Interaction Dynamics. (SS; 4 cr. ; Student Option; Periodic Fall)

Families are known for their complexity. Focus is on the development of families, their interactive relationships, and the influence of external factors (e.g., stress) and individual decisions. Includes a general examination of various theories, contemporary research, and practical applications of family life development. Analyze research related to family interaction processes across the family life span with an emphasis on relationship dynamics and cultural differences.

PSY 2411. Lifespan Developmental Psychology. (SS; 4 cr. ; Student Option; Every Fall)

An introduction to theory, data, and research approaches in development from the prenatal period through childhood, adolescence, adulthood, and aging until the cessation of life. Includes physical, perceptual, cognitive, language, moral, personality, socio-emotional, family, and career development and changes over time, as well as issues of death, dying, and bereavement. Includes a multicultural focus. prereq: 1051

PSY 2581. Drugs and Human Behavior. (SS; 2 cr. ; Student Option; Every Fall, Spring & Summer)

Survey of psychoactive drugs, their effects on mind and behavior, and prevention and treatment of drug abuse. [Note: no credit for students who have received credit for Psy 1081]

PSY 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

PSY 3051. The Psychology of Women and Gender. (HDIV; 4 cr. ; Student Option; Every Spring)

Exploration of the interactive biological, psychological, and socio-cultural processes that shape the lives of women and the experience of gender. Topics include: the psychobiology of sex; the social construction of sex and gender; socialization and development; media representations; identity and sexuality; language and communication; motivation and personality; relationships; work and family lives; mental and physical health; mid- and later life development; victimization; therapy; intersections of race, class, and gender; and feminist approaches to teaching, learning, and knowing. prereq: 1051 or instr consent

PSY 3101. Learning Theory and Behavior Modification. (4 cr. ; Student Option; Every Fall)

Major theories of learning and their importance for understanding human and nonhuman behavior. Classical and operant conditioning, generalization, discrimination, stimulus control, animal cognition. Behavior modification theories and techniques and their application to clinical populations. Lab projects demonstrate learning and behavior modification theories, concepts, and techniques and illustrate research methods and theory testing. Includes lab. prereq: 2001 or instr consent

PSY 3111. Sensation and Perception. (4 cr. ; Student Option; Every Fall)

Empirical study of sensory processes and perceptual organization with emphasis on vision and audition. Anatomy and physiology of sense organs, psychophysics, signal detection theory, attention, speech perception, and perceptual-motor coordination. Includes lab. prereq: 2001 or instr consent

PSY 3112. Cognition. (4 cr. ; Student Option; Every Spring)

Empirical study of memory, language behaviors, representation of knowledge, judgment, decision making, problem solving, and creative thinking. Includes lab. prereq: 2001 or instr consent

PSY 3201. Comparative Psychology. (SCI-L; 4 cr. ; Student Option; Periodic Fall & Spring)

Comparison of the causations of human and non-human animal behavior from both an evolutionary and biological point of view. The contributions of evolutionary selection pressures, genetics, environment, learning, and culture on the expression of behavior in a wide variety of species, through topics such as adaptation, fitness, altruism, social behavior, parental care, reproductive behavior, mating systems, and aggression. Focus on explaining modern human behavior as informed by non-human behavior. Includes lab component. prereq: [1051, 2001] or Biol 2111

PSY 3211. Biological Psychology. (SCI-L; 4 cr. [max 5 cr.] ; Student Option; Every Fall)

Brain organization and function; an emphasis on an understanding of the neural processes that underlie human and nonhuman behavior. Incorporates information from psychology,

neuroscience, endocrinology, physiology, chemistry, neurology, and zoology to investigate the physiological bases of behavior. Topics include sensory processes, drugs and addiction, biological rhythms, sexual differentiation, reproduction, methods in neuroscience, neuropsychological disorders, and clinical assessment. Lab projects focus on neuro-anatomical organization and function of the brain. prereq: [1051, 2001] or Biol 1101 or Biol 1111

PSY 3216. Cognitive Neuroscience. (4 cr. ; Student Option; Periodic Spring)

Cognitive neuroscience introduces theory and data about how brain activity recorded with non-invasive recording techniques is linked to perceptual, motor, and cognitive function. The main paradigms for structural and functional imaging, as well as localization of function and connectivity, will be discussed. prereq: 1051

PSY 3261. Human Sexuality. (4 cr. ; Student Option; Every Spring)

Survey of aspects of human sexuality, including intimacy and communication; male and female anatomy, physiology, and response; development of sexual differentiation, gender identity, gender role, and gender orientation; varieties of sexual expression; pregnancy and child birth; contraception and disease prevention; sexual coercion and abuse; sexual dysfunctions and their treatment. prereq: 1051

PSY 3302. Personality. (4 cr. ; Student Option; Every Spring)

Nature of personality constructs and theories. Conscious vs. nonconscious processes; emotion and motivation; nature and measurement of personal traits; their dimensional structure, stability, development, and heritability. prereq: 1051 or instr consent

PSY 3313. Psychopathology. (4 cr. ; Student Option; Every Spring)

Psychological disorders and their treatment, including anxiety, personality, mood, schizophrenia, eating, substance and other recognized disorders of adults. prereq: 1051 or instr consent

PSY 3314. Child and Adolescent Psychopathology. (4 cr. ; A-F only; Every Fall)

Broad overview of child and adolescent psychopathology--initially focusing on understanding basic concepts, historical context, developmental influences, theoretical perspectives, research methodology, and issues related to classification and assessment--followed by comprehensive information concerning the major childhood disorders (e.g., ADHD, depression, anxiety, pervasive developmental disorders). prereq: 1051 or instr consent

PSY 3401. Child Development. (4 cr. ; Student Option; Every Spring)

Theory, data, and research in development from conception to middle childhood. Prenatal and physical development as well as perceptual, cognitive, personality, and social development. Language acquisition and Piaget's theory of cognitive development. prereq: 1051 or instr consent

PSY 3402. Adolescent and Emerging Adult Development. (4 cr. ; Student Option; Every Spring)

Theoretical perspectives and research on adolescence and emerging adulthood as distinct stages of the life cycle. Focuses on developmental issues central to the transition from childhood to adulthood, including: puberty and physical development, cognitive and socioemotional development, identity formation, dating and sexuality, family and peer relationships, school and work, culture and media, and the challenges faced by today's adolescents. prereq: 1051 or instr consent

PSY 3403. Adult Development and Aging. (E/CR; 4 cr. ; Student Option; Every Fall)

An introductory exploration of the health, individual, social, and cultural factors associated with adult development (e.g., young adulthood, middle age, and older adulthood). Provides an overview of current concepts, gerontological theories, and current methodology in the study of adult development and aging. Students become familiar with the physical aging process, society's perceptions of aging, aging family relationships, and end of life preparation and planning. prereq: 1051 or instr consent

PSY 3501. Social Psychology. (4 cr. ; Student Option; Every Fall)

Theories and research in the study of interpersonal behavior. Topics include prejudice, altruism, persuasion, group dynamics, and social influence. prereq: 1051 or Soc 1101 or instr consent

PSY 3503. Consumer Behavior. (SS; 4 cr. ; Student Option; Periodic Spring)

Same as Mgmt 3503. Psychological basis for understanding consumers. Some of the topics include consumer behavior, consumer cognitive processes, and consumer judgments and decisions. prereq: Stat 1601 or Stat 2601 or instr consent

PSY 3504. Educational Psychology. (4 cr. ; Student Option; Every Spring)

Discussion of psychological principles/theories in relation to learning in academic settings. Topics may include: a consideration of developmental and social issues that are likely to impact the learner; a discussion of individual differences in learning; an examination of different theoretical approaches to learning applied specifically to educational settings; an analysis of factors related to student motivation and behavior; and a discussion of issues related to testing and measurement in academic settings. prereq: 1051

PSY 3513. Negotiation. (4 cr. ; Student Option; Periodic Fall & Spring)

Same as Mgmt 3513. Examines the theoretical and applied aspects of negotiation. Topics include negotiation theory, strategy, skills and tactics, communication processes, global negotiation, and ethics. Use of negotiation simulations. prereq: 3501 or Mgmt 3221 or Psy/ Mgmt 3701

PSY 3521. Health Psychology. (4 cr. ; Student Option; Every Spring)

Health implications of interactions among behavioral, environmental, and physiological states. Physiological bases of behavior and health; stress and coping; behavioral antecedents of disease; psychoneuro-immunology; disease prevention and health promotion. [Note: includes lab component] prereq: 1051, 2001

PSY 3542. Multicultural Psychology. (HDIV; 4 cr. ; Student Option; Every Spring)

Theoretical and methodological approaches to multicultural psychology. Multicultural psychology is the systematic study of behavior, cognition, and affect settings where people of different backgrounds interact. Exploration of these interactions both within and outside of the United States. Topics may include worldviews, communication styles, acculturation, prejudice, white privilege, identity development, physical and mental health, and multicultural competencies. prereq: 1051

PSY 3581. Psychopharmacology. (2 cr. ; Student Option; Every Spring)

Biological and behavioral aspects of drug use, abuse, and addiction. Includes focus on therapeutic drugs used to treat psychiatric conditions as well as drugs of abuse. prereq: C- or better in 2581

PSY 3611. History and Philosophy of Psychology. (HIST; 4 cr. ; Student Option; Spring Odd Year)

Historical roots and comparative features of major theoretical systems in psychology, including scientific methodology, research interests, and techniques. Movements within psychology that are discussed include: structuralism, functionalism, behaviorism, Gestaltism, psychoanalytic, and existential movements and their modern syntheses, as well as other topics of interest to students. prereq: 1051 or instr consent

PSY 3701. Organizational Behavior. (SS; 4 cr. ; Student Option; Periodic Fall)

Same as Mgmt 3701. Uses the theories and research of the behavioral sciences to understand how organizations function at the individual, group, and organizational levels. Topics include stress in the workplace; group dynamics; power, leadership, and attribution theory. prereq: Stat 1601 or Stat 2601, jr or sr

PSY 3800. Research Practicum. (1-12 cr. ; S-N only; Every Fall & Spring)

Research activity carried out under the supervision of a psychology faculty member.

PSY 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

PSY 4101. Helping Relationships. (4 cr. ; Student Option; Periodic Fall)

Approaches to counseling and psychotherapy. Theories of helping relationships. Acquisition of helping skills, including attending behavior, reflection of feeling, paraphrasing, confrontation, and summarization. Major humanistic, cognitive, and behavioral approaches. Didactic instruction, observation of

counseling and psychotherapeutic techniques, and practical experiences. prereq: 8 cr 3xxx or 4xxx Psy or Soc or Anth courses or instr consent

PSY 4102. Intro to Prof Conduct, Legal Constraints, Ethics in Human Services. (E/CR; 2 cr. ; Student Option; Every Fall & Spring)

Concepts of professional ethics in human services professions; ethically relevant legal mandates and constraints on professional practice; practical problems in the application of ethical principles. [Note: no credit for students who have received credit for IS 4101] prereq: jr, 8 cr 3xxx or 4xxx Psy or Soc or Anth courses or instr consent

PSY 4301. Clinical Assessment and Therapeutic Interventions. (4 cr. ; Student Option; Periodic Spring)

Evaluation of psychological assessments and interventions from different perspectives. Topic examples: structured and unstructured assessments; career counseling and assessment; motivational interviewing; family and couples therapy; interpersonal therapy; group therapy; and solution-focused therapy. prereq: 3313 or 3314 or 4101

PSY 4770. Empirical Investigations in Psychology I. (2 cr. ; A-F only; Periodic Spring)

This class provides students with an opportunity to conduct their own research. Students work independently or in groups. Students review an area of psychology, generate a hypothesis, design a study and obtain IRB approval. prereq: 2001, instr consent; no credit for 4770 until 4772 is completed

PSY 4771. Independent Research in Psychology. (1-6 cr. [max 12 cr.] ; A-F only; Every Fall & Spring)

Supervised independent research by a student in any area of psychology. A research proposal may be required by a faculty member prior to approval to enroll in the course. The student is required to write an APA style research paper or give a public presentation. prereq: 2001, instr consent

PSY 4772. Empirical Investigations in Psychology II. (2 cr. ; A-F only; Periodic Spring)

Based on previous work in 4770, students collect and analyze data, submit and present their research to the Undergraduate Research Symposium or other instructor approved venue, and write an APA style research paper. prereq: 4770, instr consent

PSY 4896. Field Experiences in Mental Health. (1-4 cr. ; S-N only; Every Fall & Spring)

Individually arranged, supervised observation of and assistance with activities of licensed mental health providers (e.g., Licensed Psychologists, Licensed Clinical Social Workers, Licensed Counselors, Marriage and Family Therapists) in schools, clinics, hospitals, and other field settings [Note: only 4 cr may be applied to the BA or the Psy major or minor] prereq: normally requires 4101, 4102, other courses appropriate to field experience.

PSY 4910. Advanced Seminar in Learning or Cognitive Psychology. (4 cr. ; A-F only; Every Spring)

Advanced seminar on selected topics in the area of Learning or Cognitive Psychology. Members of the seminar read and discuss primary source material on a topic of common interest. In addition, each student investigates a related topic in greater depth. The student writes a paper and gives a public presentation based on the in-depth investigation. prereq: 2001, 3101 or 3111 or 3112 or 3504, sr status, instr consent

PSY 4920. Advanced Seminar in Biological or Comparative Psychology. (; 4 cr. ; A-F only; Every Spring)

Advanced seminar on selected topics in the area of Biological and Comparative Psychology. Members of the seminar read and discuss primary source material on a topic of common interest. In addition, each student investigates a related topic in greater depth. The student writes a paper and gives a public presentation based on the in-depth investigation. prereq: 2001, 3201 or 3211, sr status, instr consent

PSY 4930. Advanced Seminar in Clinical or Multicultural Psychology. (4 cr. ; A-F only; Every Fall)

Advanced seminar on selected topics in the area of Personality or Clinical Psychology. Members of the seminar read and discuss primary source material on a topic of common interest. In addition, each student investigates a related topic in greater depth. The student writes a paper and gives a public presentation based on the in-depth investigation. prereq: 2001, 3302 or 3313 or 3314 or 3542, sr status, instr consent

PSY 4940. Advanced Seminar in Developmental Psychology. (; 4 cr. ; A-F only; Every Fall)

Advanced seminar on selected topics in the area of Developmental Psychology. Members of the seminar read and discuss primary source material on a topic of common interest. In addition, each student investigates a related topic in greater depth. The student writes a paper and gives a public presentation based on the in-depth investigation. prereq: 2001, 3401 or 3402 or 3403, or 3404, sr status, instr consent

PSY 4950. Advanced Seminar in Social or Organizational Psychology. (; 4 cr. ; A-F only; Periodic Fall & Spring)

Advanced seminar on selected topics in the area of Social Psychology. Members of the seminar read and discuss primary source material on a topic of common interest. In addition, each student investigates a related topic in greater depth. The student writes a paper and gives a public presentation based on the in-depth investigation. prereq: 2001, 3501 or 3503 or 3701, sr status, instr consent

PSY 4960. Advanced Seminar in Health Psychology. (; 4 cr. ; A-F only; Every Spring)

Advanced seminar on selected topics in the area of Health Psychology. Members of the seminar read and discuss primary source material on a topic of common interest. In

addition, each student investigates a related topic in greater depth. The student writes a paper and gives a public presentation based on the in-depth investigation. prereq: 2001, 3521 (or 3201 and 3211), sr status, instr consent

PSY 4970. Advanced Seminar in

Psychology. (4 cr. ; A-F only; Periodic Fall & Spring)

Advanced seminar on selected topics in the area of Psychology. Members of the seminar read and discuss primary source material on a topic selected by the instructor. In addition, each student investigates a related topic in greater depth. The student writes a paper and gives a public presentation based on the in-depth investigation. prereq: 2001, one or more courses from 3 of the 5 psy major cores, sr status, instr consent

PSY 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Science Education Methods (SCIE)

SCIE 4121. Methods of Teaching Science in the Middle and Secondary School. (4 cr. ; A-F only; Every Fall)

Objectives, curricula, special methods, materials, and evaluation appropriate for teaching science in the middle and secondary school. prereq: admission to the secondary teacher education program or elementary education program, coreq SeEd 4102, SeEd 4103 or prereq ELED 3202, ELED 3212

Secondary Education (SEED)

SEED 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

SEED 4102. Teaching and Learning Strategies. (; 2 cr. ; A-F only; Every Fall)

Provides greater depth in previously taught concepts and skills, including teaching and learning strategies for middle and secondary classrooms, planning for lesson and unit instruction and assessment, learning theory, use of technology in the classroom, discipline, and classroom management. prereq: admission to the secondary teacher education program; coreq 4103, 4104, 4105, methods

SEED 4103. Practicum Experience in the Middle and Secondary School. (; 4 cr. ; S-N only; Every Fall)

Field experience in the middle and secondary school. prereq: admission to the secondary teacher education program; coreq 4102, 4104, 4105, methods

SEED 4104. Equity, Diversity, and Justice in Education. (HDIV; 2 cr. ; A-F only; Every Fall)

Study of educational inequity centered on race, ethnicity, social class, gender, and sexuality; teaching practices to combat such inequity; and teachers' roles in educational

policy work around equity and justice in schools. Topics include; race, gender, sexual orientation, culture, and class; effects of inequity on schooling; preventing and responding to prejudice and discrimination; culturally relevant and sustaining pedagogy; intercultural communication; and teachers' roles in effecting change within educational institutions. prereq: admission to the secondary teacher education program; coreq 4102, 4103, 4105, methods

SEED 4105. Reading and Literacy in the Content Areas. (; 2 cr. ; A-F only; Every Fall)

Study of how teachers in the various academic disciplines can support reading and literacy in their classrooms and use reading and literacy to enhance learning in the disciplines. Topics include theory and instructional strategies in the areas of reading comprehension, fluency, and vocabulary development. prereq: admission to the secondary teacher education program; coreq 4102, 4103, 4104, methods

SEED 4115. Disciplinary Language and Literacy. (HUM; 2 cr. ; A-F only; Every Fall)

Study of how conventions of academic language, thought, and literacy vary among academic disciplines. Topics include strategies to support close reading of academic text, strategies to support academic literacy development among a diverse array of learners, and subject-specific theories, strategies, and projects. prereq: 4105

SEED 4121. Inclusion in the Secondary School. (2 cr. ; A-F only; Every Fall)

Strategies and techniques for developing inclusive learning environments in secondary schools. Discussion of the differences in strategies in accommodations and modifications. Emphasizes adaptations for students with mild, moderate, and severe disabilities. Introduction to various methods of identifying students with disabilities and follow-up interventions. prereq: admission to the secondary education program

SEED 4201. Directed Student Teaching in the Middle and Secondary School. (HDIV; 12 cr. ; S-N only; Every Spring)

Students teach for a period of at least 12 weeks, demonstrating application of approaches to teaching and learning in the middle and secondary grades under the guidance of a cooperating teacher and University supervisor. [Note: special fee required] prereq: 4102, 4103, 4104, 4105, methods, CMR 1042, passing scores on basic skills exams or instr consent

SEED 4202. Directed Student Teaching in the Middle and Secondary School. (1-16 cr. ; S-N only; Every Fall & Spring)

For students who need alternative or additional student teaching experience. Students demonstrate application of approaches to teaching and learning in middle and secondary grades under the guidance of a cooperating teacher and University supervisor. [Note: special fee required] prereq: passing scores on basic skills exams or instr consent

SEED 4204. Directed Global Student Teaching at the Middle and Secondary

Level. (IP; 1-16 cr. ; Student Option; Every Fall, Spring & Summer)

Students complete Global Student Teaching demonstrating application of approaches to teaching and learning in the middle and secondary grades under the guidance of a cooperating teacher and University supervisor. [Note: special fee required] prereq: 4102, 4103, 4104, 4105, methods, CMR 1042, passing scores on basic skills exams or instr consent

SEED 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Social Science Educ Methods (SSCE)

SSCE 4121. Methods of Teaching Social Science in the Middle and Secondary School. (4 cr. ; A-F only; Every Fall)

Objectives, curricula, special methods, materials, and evaluation appropriate for teaching social science in the middle and secondary school. prereq: admission to the secondary teacher education program or elementary education program, coreq SeEd 4102, SeEd 4103 or prereq ELED 3202, ELED 3212

Sociology (SOC)

SOC 1101. Introductory Sociology. (SS; 4 cr. ; Student Option; Every Fall & Spring)

Introduction to the field of sociology, the exploration of societies, and how societies operate. Sociology broadens social insights, fosters critical thinking, guides analytical thinking, and develops writing skills. By actively thinking about issues facing societies today, students learn to examine life situations and the influence of societies and groups on people's lives, careers, hopes, fears, and personalities. Emphasis on how society is stratified: how organizations and institutions influence the way people think, talk, feel, and act and how different groups (e.g., racial and ethnic) and divisions (e.g., gender and social class) within society have different access to power and privilege. People live their lives in relation to social and physical environments; sociologists study these environments and their effects on people's experiences and behavior.

SOC 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

Individualized on- or off-campus research project or other learning activity not covered in the regular Sociology curriculum. Topic determined by the student and instructor.

SOC 2001. Unruly Bodies: The Societal Body. (HDIV; 2 cr. [max 4 cr.] ; A-F only; Periodic Spring)

Exploring aspects of The Body as a social construct, via theories and research pertaining to themes of race, class, gender, sexuality, disability, beauty, non-conformity, and other contemporary issues. prereq: coreq ArtS 2001

SOC 2201. Sociology of Food. (HDIV; 4 cr. ; Student Option; Spring Odd Year)

Introduces students to the sociological study of food and society. Examines the complexities of food, health, and power relations as well as the intersections of food with race, class, gender, and sexuality. Explores patterns of consumption and embodiment. Applies a sociological lens to food in relation to globalization, systems of inequality, and social change. prereq: 1101 or instr consent

SOC 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) Individualized on- or off-campus research project or other learning activity not covered in the regular Sociology curriculum. Topic determined by the student and instructor.

SOC 3103. Research Methodology in Sociology. (4 cr. ; Student Option; Every Fall) An introduction to research procedures used in sociology. Developing a research design and applying it to a concrete problem. Questions of validity and reliability examined in the context of research projects developed by the students. prereq: 1101

SOC 3112. Sociology of the Environment and Social Development. (ENVT; 4 cr. ; Student Option; Fall Odd Year)

Introduces students to the sociological study of the environment and social development. Examines the impact of international environmental and development efforts on individuals at the local level. Focuses on grassroots environmental activism and social development work. Explores and discusses power relations and systems of inequality within the context of environmental and social development efforts. prereq: 1101 or instr consent

SOC 3121. Sociology of Gender and Sexuality. (HDIV; 4 cr. ; Student Option; Every Fall)

Introduces students to the sociological study of gender and sexuality. Focuses on gender difference and gender inequality. Analyzes the changing roles, opportunities, and expectations of women and men as their societies (and subsequently, gender relations and power) undergo change in today's world. Following a theoretical overview, examines how gender and sexuality affect everyday experiences. prereq: 1101 or Anth 1111 or instr consent

SOC 3122. Sociology of Childhoods. (HDIV; 4 cr. ; Student Option; Spring Odd Year)

Introduces students to the sociological study of childhoods. Examines the interaction between societies and their youngest members-how societies shape children's lives through social institutions such as families, education, and the state. Takes a close look at children's access to privileges and resources as determined by children's experiences of race, gender, class, nationality, and sexual orientation. prereq: 1101 or instr consent

SOC 3123. Sociology of Aging. (HDIV; 4 cr. ; Student Option; Every Spring)

An introduction to sociology of aging. Examination of the major theories of social aging as well as the historical and cross-

cultural variations in aging and differences by race, ethnicity, gender, and social class. prereq: 1101

SOC 3131. World Population. (ENVT; 4 cr. ; Student Option; Every Fall)

Population theory and demographic method. Dynamics of fertility and mortality as the basis of population forecasting and its policy implications. Emphasis on the tie between Third World demographic trends and population issues in the rest of the world. prereq: 1101 or instr consent

SOC 3141. Sociology of Deviance. (E/CR; 4 cr. ; Student Option; Fall Even Year)

Introduces students to the sociological study of deviance. Explores the social reality of deviance within contemporary society and examines the social construction of deviant categories. Focuses on images of deviance as social constructs, rather than as intrinsic elements of human behavior. Investigates the complex relationships between individual behavior and social structure, with a focus on power, inequality, and oppression. Also, examines the socio-cultural definitions of morality and behavior. prereq: 1101 or instr consent

SOC 3252. Women in Muslim Society. (IP; 4 cr. ; Student Option; Periodic Spring)

The cultures and social statuses of women in several Muslim countries are examined and placed in their political, economic, and religious contexts. prereq: 1101 or Anth 1111

SOC 3403. Sociological Theory. (4 cr. ; Student Option; Every Fall)

Survey of major developments in sociological theory, with attention to both classical and contemporary variants. Emphasis on sociological ideas in relation to the principal intellectual currents of European society, American society, and non-Western thought. prereq: 1101; 4 addtl cr in Soc recommended

SOC 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

Individualized on- or off-campus research project or other learning activity not covered in the regular Sociology curriculum. Topic determined by the student and instructor.

SOC 4991. Sociology Independent Project Seminar. (; 4 cr. ; Student Option; Every Spring)

A capstone seminar to guide sociology majors in the completion of an independent study project, including selection and definition of a research project, designing and planning its execution, developing a literature review and bibliography, applying relevant theoretical perspectives to research materials, and organizing and writing a research paper. prereq: 3103, 3403

SOC 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

Individualized on- or off-campus research project or other learning activity not covered in the regular Sociology curriculum. Topic determined by the student and instructor.

SPAN 1001. Beginning Spanish I. (; 4 cr. ; Student Option; Every Fall & Summer)

Development of basic skills of Spanish (reading, speaking, writing, listening) and an introduction to the cultural contexts of Latin America and Spain.

SPAN 1002. Beginning Spanish II. (WL; 4 cr. ; Student Option; Every Fall, Spring & Summer)

Continuation of the sequence beginning with 1001. prereq: 1001 or placement or instr consent

SPAN 1003. Accelerated Beginning Spanish. (WL; 4 cr. ; Student Option; Every Fall & Spring)

An accelerated introductory Spanish course for students with prior experience and appropriate placement exam score to allow completion of the FL GER requirement with one semester of coursework. Development of basic skills of Spanish (reading, speaking, writing, listening) and an introduction to the cultural contexts of Latin America and Spain. prereq: placement or instr consent

SPAN 1054. Associated Languages: Introduction to Nahuatl Language. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)

Same as NAIS 1054. An introduction to speaking, writing, and reading in contemporary Nahuatl (more popularly known as the language of the Mexica or Aztecs) and an overview of Nahua culture. prereq: due to the fact that many Nahuatl texts are bilingual, it is recommended that students have completed at least two years of college-level Spanish

SPAN 1801. Hispanic Culture Through Cinema. (IC; 4 cr. ; Student Option; Periodic Fall)

An introduction to contemporary films from Spain and Latin America, showcasing innovative filmmakers from the Hispanic world, their representations of Hispanic societies through film, and their relationships to other international cinemas, with an emphasis on the medium as an art form rather than a commercial proposition. prereq: new college student in their first semester of enrollment at UMM

SPAN 1802. U.S. Latin@ Literature and Culture. (IC; 4 cr. ; Student Option; Periodic Fall)

Offered in English, this course considers literature, films, television, and art by and about people of Latin American origin living in the United States. Course activities include readings, lectures, in-class discussions, papers, and presentations. prereq: new college student in their first semester of enrollment at UMM

SPAN 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

SPAN 2001. Intermediate Spanish I. (IP; 4 cr. ; Student Option; Every Fall)

Emphasizes the continued development of oral expression, vocabulary building, spelling,

Spanish (SPAN)

grammar, reading, and composition through the use of authentic materials such as short films and news features, cultural readings, literary selections, and contemporary music that strengthen students' proficiency in Spanish and their understanding of Hispanic cultures. prereq: 1002 or 1003 or placement or instr consent

SPAN 2002. Intermediate Spanish II. (IP; 4 cr. ; Student Option; Every Spring)
Continuation of the sequence beginning with 2001. prereq: 2001 or instr consent

SPAN 2121. Associated Languages: Intensive Portuguese. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)
Intensive, accelerated study of the basic skills of Brazilian Portuguese (reading, writing, listening, and speaking) with emphasis on oral competency. prereq: 2002 or Fren 2002 or instr consent

SPAN 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

SPAN 3011. Conversation, Composition, and Culture. (IP; 2 cr. ; Student Option; Every Fall)
Practice in effective oral and written communication in Spanish for advanced students, with an emphasis on the diversity of contemporary Hispanic cultures and a review of basic grammatical concepts. prereq: 2002, concurrent enrollment in 3111 or instr consent

SPAN 3012. Spanish Grammar in Practice. (IP; 2 cr. ; Student Option; Every Spring)
A review of advanced Spanish grammar, with emphasis on areas of concern and challenge for the non-native speaker, and on strengthening academic writing skills in Spanish. prereq: 3011, concurrent enrollment in 3112 or instr consent

SPAN 3108. Community Translation and Interpretation for Spanish Speakers. (1 cr. [max 4 cr.] ; Student Option; Every Fall)
This course pairs with Hum 3108: Community Interpreting and represents the opportunity to continue to build bilingual skills in Spanish and English for the purpose of supporting access to community resources and essential services for Spanish-speaking populations, including parent-teacher conferences. prereq: (or coreq) Hum 3108

SPAN 3111. Readings in Spanish I. (HUM; 2 cr. ; Student Option; Every Fall)
Introduction to representative works of contemporary Hispanic literature from diverse genres and cultural contexts, with emphasis on strategies for comprehension and interpretation. prereq: concurrent enrollment in 3011 or instr consent

SPAN 3112. Readings in Spanish II. (HUM; 2 cr. ; Student Option; Every Spring)
Further examination of representative works of Hispanic literature from diverse genres, time periods, and cultural contexts, with emphasis on literary concepts and terminology, analysis, research and writing practices,

and interpretation. prereq: 3111, concurrent enrollment in 3012 or instr consent

SPAN 3211. Literature and Culture of Latin America. (HUM; 4 cr. ; Student Option; Every Fall)
Study of important exemplary works of Latin American literary and cultural production through major historical periods. Texts are examined in light of multiple contexts, such as artistic, political, historical, and philosophical. prereq: 3012, 3112, or instr consent

SPAN 3212. Literature and Culture of Spain. (HUM; 4 cr. ; Student Option; Every Spring)
Study of important exemplary works of Spanish (peninsular) literary and cultural production through major historical periods. Texts are examined in light of multiple contexts, such as artistic, political, historical, and philosophical. prereq: 3012, 3112, or instr consent

SPAN 3651. Seminar: Miguel de Cervantes Saavedra's "El ingenioso hidalgo Don Quijote de la Mancha". (HUM; 4 cr. ; Student Option; Periodic Fall)
Study of Miguel de Cervantes Saavedra's novel "El ingenioso hidalgo Don Quijote de la Mancha" in light of its socio-historical context. prereq: 3012, 3112 or instr consent

SPAN 3654. Seminar: Sex, Love, and Marriage in Golden Age Spanish Literature. (HUM; 4 cr. ; Student Option; Periodic Fall)
The theme of sex, love, and marriage in Golden Age Spanish Literature through prose, poetry, and theatre of the Golden Age (XVI-XVII centuries) Spain. Consideration of the gender relations and gender politics reflected in the works and the socio-historical context in which these works were produced. prereq: 3012, 3112 or instr consent

SPAN 3681. Seminar: Romanticism and Revolution in 19th-Century Spain. (HUM; 4 cr. ; Student Option; Periodic Fall)
Study of representative texts (prose and poetry) from the first half of the 19th century in Spain, with emphasis on the expression of the Romantic vision within the particular political context of the period, marked by tensions between liberal reform and traditional conservatism. prereq: 3012, 3112 or instr consent

SPAN 3682. Seminar: Realism and Reform in 19th-Century Spain. (HUM; 4 cr. ; Student Option; Periodic Fall)
Study of representative texts (novels, stories, and essays) from the second half of the 19th century in Spain, with emphasis on the rise of realism as an exploration of the socio-political reality of the era and the need for reform. The focus is on general trends in Western cultures (e.g., industrialization, positivism, secularization). prereq: 3012, 3112 or instr consent

SPAN 3683. Seminar: Modernity and Identity in Spain, 1900-1930. (HUM; 4 cr. ; Student Option; Periodic Fall)
Study of representative texts (prose and poetry) from the early decades of the 20th century in Spain with particular emphasis on their responses to changes brought by modernity: advancing technology, modern

psychology, political experimentation, spiritual exploration, and artistic innovation. prereq: 3012, 3112, or instr consent

SPAN 3684. Seminar: Hispanic Film. (HUM; 4 cr. ; Student Option; Periodic Spring)
View, study, and discuss relevant Hispanic films from Spain, Latin America, and the U.S.A. Consider films' cinematic techniques and their specific socio-cultural and socio-political contexts. prereq: 3012, 3112 or instr consent

SPAN 3685. Seminar: Slavery and Abolition in Cuban Literature and Culture. (IP; 4 cr. ; Student Option; Periodic Fall & Spring)
A study of the major texts surrounding Cuban slavery from the 1812 Aponte slave rebellion to independence from Spain in 1898. How did 19th-century writers depict Cuban slave society? What was the relationship between literature, abolition, and independence? prereq: 3012, 3112, or instr consent

SPAN 3686. Seminar: Writing History in Spanish American Literature. (HUM; 4 cr. ; Student Option; Periodic Fall & Spring)
A study of 20th- and 21st-century Latin American historical novels and the colonial and 19th-century texts on which they are based. How and why is the past mobilized to meet the needs of the present? How do historical events continue to haunt the present day? prereq: 3011, 3012, or instr consent

SPAN 3687. Seminar: Afro-Hispanic Literature and Culture. (HDIV; 4 cr. ; Student Option; Periodic Fall & Spring)
An overview of the literature and culture of peoples of African descent in Spanish America from the colonial period to present day. How have Afro-Hispanics been marginalized from national projects in Spanish America? To what extent and under what circumstances has the group been included? How have Afro-Hispanic writers responded to larger culture? prereq: 3011, 3012, or instr consent

SPAN 3688. Seminar: Literature and Gender in Nineteenth-Century Spain. (HUM; 4 cr. ; Student Option; Periodic Fall)
An examination of 19th-century Spanish literature with primary emphasis on gender representation and construction. Readings include both canonical and lesser known works, by both male and female writers, that reflect an ongoing dialogue regarding traditional and shifting notions of gender identity and relations in Spain at the time. prereq: 3012, 3112 or instr consent

SPAN 3690. Seminar: Mexican Cultural Production. (HUM; 4 cr. ; Student Option; Periodic Spring)
An overview of the literature and culture of Anahuac (Mexico) from the colonial period to present day. With a focus on migration and diaspora, a key objective is to explore the dynamic cultural exchanges across this region. How are migration and diaspora represented? How do these representations deepen our understanding of Mexico and movements on a global scale? prereq: 3012, 3112

SPAN 3691. Seminar: Native Cultural Production of the Americas. (HDIV; 4 cr. ; Student Option; Periodic Spring)

A study of contemporary Native artistic production across Abya Yala (North and South America) in various media such as film, literature, radio, and paintings and its historical origins. One of the main objectives is to deepen students' understanding of the complexity and diversity of Native communities within urban and rural spaces, including those communities within the USA. What innovative aesthetic practices and perspectives do these texts contribute? What strategies can be gleaned from this cultural production for challenging discriminatory practices? prereq: 3012, 3112

SPAN 3692. Seminar: Nahua Media and Culture. (IP; 4 cr. ; Student Option; Periodic Spring)

An introduction to media and culture in Nahuatl, more popularly known as the language of the Mexica or Aztecs. Gives an overview of cultural production from the pre-colonial era to the present, with an emphasis on bilingual Nahuatl-Spanish film, music, radio, and literature. What strategies can be gleaned from Nahua artists' perspectives that would be of value to struggles for social and political rights across the globe? What do they teach us about persecution of minority languages and cultural practices? prereq: 3012, 3112

SPAN 3693. Seminar: Fictions of the Fantastic and the Supernatural in Spanish Literature. (HUM; 4 cr. ; Student Option; Periodic Fall)

An examination of representative works of the fantastic and the supernatural that have shocked, intrigued and entertained readers of Spanish literature from the 19th century to the present, with emphasis on historical shifts and changing social and cultural realities. prereq: 3012, 3112

SPAN 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

SPAN 4001. Research Symposium. (HUM; 4 cr. ; A-F only; Every Spring)

A capstone experience for majors, consisting of an introduction to research methods and critical approaches to literature, as well as development of an independent research project and presentation. Spanish majors are required to complete a minimum of 16 of the 20 required credits at the 32xx and 36xx levels prior to registering for Span 4001. It is recommended to have all 20 of these credits completed prior to taking Span 4001. prereq: instr consent

SPAN 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Sport Studies and Athletics (SSA)

SSA 1051. Fitness for Life. (; 2 cr. ; Student Option; Every Fall & Spring)

Factors associated with a positive lifestyle, assessment of each individual's current wellness status, and development of a personal lifetime program for improving one's quality of life.

SSA 1052. Societal Issues in Health and Wellness. (SS; 2 cr. ; Student Option; Every Spring)

A study of how perceptions of society's health and wellness issues affect our individual health/fitness choices.

SSA 1101. First Aid. (; 1 cr. ; Student Option; Every Fall & Spring)

Lectures, demonstrations, practical work in emergencies and first aid. Emphasis on accident prevention. Completion of the course prepares students for National Safety Council First Aid and CPR Certification.

SSA 1213. Golf. (; 0.5 cr. [max 1 cr.] ; S-N only; Every Fall)

Introductory instruction in the skills and techniques of golf.

SSA 1219. Strength Training I. (; 1 cr. [max 2 cr.] ; S-N only; Every Fall & Spring)

Introductory instruction in the skills and techniques of strength training.

SSA 1220. Strength Training II. (1 cr. [max 4 cr.] ; S-N only; Every Spring)

Advanced instruction in the skills and techniques of strength training. prereq: 1219

SSA 1225. Wellness Skills: R.A.D.-Basic and Advanced Self Defense System. (1 cr. [max 2 cr.] ; S-N only; Every Fall & Spring)

A hands-on comprehensive program of realistic, self-defense tactics and techniques for women. The only nationally approved self-defense class by the International Association of College Law Enforcement Administrators. Class curriculum is centered around physical self-defense techniques and situational awareness. The advanced section of the class builds on basic techniques and offers more options for increasing awareness and providing a deeper understanding of one's potential.

SSA 1231. Beginning Taekwondo. (; 0.5 cr. [max 1 cr.] ; Student Option; Every Fall & Spring)

Philosophy of the martial arts. Basic stances and blocking, kicking, and striking techniques, terminology, footwork and sparring fundamentals.

SSA 1233. Advanced Taekwondo. (; 0.5 cr. [max 1 cr.] ; Student Option; Every Fall & Spring)

Advanced stances and blocking, kicking, and striking techniques, terminology, footwork and sparring fundamentals. prereq: 1231 or instr consent

SSA 1401. Varsity Baseball (M). (0.5 cr. [max 2 cr.] ; S-N only; Every Spring)

SSA 1402. Varsity Basketball. (0.5 cr. [max 2 cr.] ; S-N only; Every Spring)

SSA 1403. Varsity Cross Country. (0.5 cr. [max 2 cr.] ; S-N only; Every Fall)

SSA 1404. Varsity Football (M). (0.5 cr. [max 2 cr.] ; S-N only; Every Fall)

SSA 1405. Varsity Golf. (0.5 cr. [max 2 cr.] ; S-N only; Every Fall)

SSA 1406. Varsity Softball (W). (0.5 cr. [max 2 cr.] ; S-N only; Every Spring)

SSA 1407. Varsity Tennis. (0.5 cr. [max 2 cr.] ; S-N or Audit; Every Spring)

SSA 1408. Varsity Track and Field-Outdoor. (0.5 cr. [max 2 cr.] ; S-N only; Every Spring)
Varsity track and field - Outdoor

SSA 1409. Varsity Track and Field - Indoor. (0.5 cr. [max 2 cr.] ; S-N only; Every Spring)

SSA 1410. Varsity Volleyball (W). (0.5 cr. [max 2 cr.] ; S-N only; Every Fall)

SSA 1411. Varsity Soccer. (0.5 cr. [max 2 cr.] ; S-N only; Every Fall)

SSA 1412. Varsity Swimming & Diving (W). (0.5 cr. [max 2 cr.] ; S-N only; Every Fall)

SSA 1801. Mind and Body: Mental Skills and Martial Arts. (IC; 2 cr. ; Student Option; Periodic Fall & Spring)

Mental skills such as stress management, imagery, and concentration have been practiced for centuries by martial artists and more recently by elite performers in a variety of fields (e.g., athletics, artistic and dramatic performance, medicine, and business). These skills and more are introduced through readings, analyzed during discussions, emphasized via the practice of martial arts skills and techniques, and applied to students' individual needs. Readings come from current sport psychology literature as well as traditional Asian martial arts passages. Students engage in physical activity. prereq: new college student in their first semester of enrollment at UMM

SSA 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

SSA 2102. Human Anatomy. (4 cr. ; Student Option; Every Fall)

Same as Biol 2102. Structure of human systems at their organ and cellular level. (two 75-min lect, one 120-min lab)[Note: no elective cr for biol majors or minors] prereq: soph

SSA 2111. Kinesiology. (SCI; 2 cr. ; Student Option; Every Fall)

Scientific principles of movement and tissue responses to force; analysis of basic movement in sports and other physical activities.

SSA 2112. Exercise Physiology. (; 2 cr. ; Student Option; Every Fall)

Human physiological adaptations resulting from activity/exercise.

SSA 2121. Prevention and Care of Injuries. (; 4 cr. ; Student Option; Every Spring)

Introduction to safety measures, care, prevention, and rehabilitation of injuries in sports and other physical activities. (three 65-min lect, one 65-min lab) prereq: 2111

SSA 2131. Theory of Coaching. (SS; 2 cr. ; Student Option; Every Fall)

Introduction to coaching theory within a variety of competitive sport environments. Emphasis upon professional, personal, and philosophical development as related to coaching leadership. Additional topics

may include theories of motivation, effective communication, developing team dynamics and culture, as well as improving athlete performance.

SSA 2201. Baseball Coaching. (; 2 cr. ; Student Option; Spring Even Year)
History, psychology, and theory of the game, techniques of coaching each position, rules, batting, practice and game organization, strategy, officiating.

SSA 2202. Basketball Coaching. (; 2 cr. ; Student Option; Every Fall)
History, psychology, and theory of the game, offensive and defensive formations, strategy, practice and game organization, officiating, rules, and techniques of coaching each position.

SSA 2203. Football Coaching. (; 2 cr. ; Student Option; Every Fall)
History, psychology, and theory of the game, offensive and defensive formations, strategy, practice and game organization, officiating, rules, techniques of coaching each position.

SSA 2204. Softball Coaching. (; 2 cr. ; Student Option; Spring Odd Year)
History, psychology, and theory of the game, techniques of coaching each position, rules, batting, practice and game organization, strategy, officiating.

SSA 2205. Track and Field Coaching. (; 2 cr. ; Student Option; Every Spring)
History, psychology, and theory of the sports, techniques for all track and field events, methods of coaching, practice and meet organization, strategy, rules, officiating.

SSA 2206. Volleyball Coaching. (; 2 cr. ; Student Option; Fall Even Year)
History, psychology, and theory of the game, offensive and defensive formations, strategy, practice and game organization, officiating, rules.

SSA 2208. Soccer Coaching. (; 2 cr. ; Student Option; Fall Odd Year)
History, psychology, and theory of the sport, individual techniques, practice and game organization, officiating, rules and strategies.

SSA 2302. Introduction to Sport Management. (; 4 cr. ; A-F only; Every Fall)
Provides students with an overview of and a foundation in sport management. Topics include the history of sport management, the relevance of managerial concepts to sport, typical settings for sport managers, areas of study within sport management, sustainability in sport, and globalization and sport, among others.

SSA 2333. The Story of Sports. (SS; 4 cr. ; Student Option; Periodic Summer)
Sports have become an important way to view and understand the broad developments of society in the 20th century. Many of these developments have been presented in the form of movies, music, poetry, short stories, novels, and stories handed down through the generations. Study these developments, how they are told through stories, and how sports can be useful for examining 20th century society and culture.

SSA 2401. Sociological Aspects of Sports. (SS; 2 cr. ; Student Option; Every Spring)
Sociological aspects of physical education, sports, and recreation and the implications this knowledge has for effective teaching, coaching, and athletic training. prereq: SSA 2302 or SOC 1101

SSA 2402. Psychological Aspects of Sports. (SS; 2 cr. ; Student Option; Every Spring)
Psychological aspects of physical education, sports, and recreation and the implications this knowledge has for effective teaching, coaching, and athletic training. prereq: 2302 or Psy 1051

SSA 2403. Sport, Gender, and Sexuality. (SS; 2 cr. ; Student Option; Periodic Fall)
Interdisciplinary introduction to gender and sexuality and their intersection with sport as a social institution. Varying levels and contexts of sport are examined in contribution to the discussion of the sport industry's opportunities as a platform to address and influence issues of inclusion, accessibility, and equity. prereq: GWSS 1101 or SSA 2302

SSA 2404. Sport and Indigenous Cultures. (HDIV; 2 cr. ; Student Option; Periodic Fall)
Introduction to Native American sports and games from historical and modern perspectives, with general global comparisons. Emphasis upon the significance, ritual practice, and use of sport and games within Native American communities. Examination of the representation of Native American athletes, identities, and symbols in popular sport. prereq: NAIS 1101 or SSA 2302

SSA 2501. Sports in Media I. (SS; 2 cr. ; A-F only; Every Spring)
An introduction to the relationship between the media and sports in America. A broad range of topics include broadcast, print, and social media, as well as promotion and public relations and their roles as vehicles for promoting sports.

SSA 2502. Sports in Media II. (SS; 2 cr. ; A-F only; Every Spring)
A continuation of Sports in Media I that will dissect and analyze the relationship between sports and media. Topics include the development, organization, and implementation of media tactics and associated historical social, cultural, and legal issues. prereq: 2501

SSA 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

SSA 3101. Sport Industry Analysis. (SS; 4 cr. ; Student Option; Every Spring)
An examination of the rapidly developing sports industry from a promotional and sales management perspective. Focus on sport promotion, sport consumers, sales, sponsorship, licensing, and e-commerce. prereq: 2302, Stat 1601 or Stat 2601 or instr consent

SSA 3102. Sport and Event Marketing. (2 cr. ; Student Option; Periodic Fall & Spring)
This course provides students with an introduction to the marketing of sport services,

and sport programs. It begins by examining basic marketing strategies as applied in the sport industry and distinguishes the unique characteristics of sport marketing. Also, it examines key consumption behaviors in sport and their implications for sport marketing practice. The course then further develops that knowledge by examining specialized sport marketing practices, including elements of the marketing mix for sport, sponsorship, and licensing / merchandising. Concepts learned through this course will be applied in a simulated or actual client-sponsored project (CSP). prereq: 2302 or instr consent

SSA 3103. Philosophy of Sport and Physical Activity. (2 cr. ; Student Option; Periodic Fall & Spring)

This course provides students with introductory exposure to the ideas and research related to Western philosophical explanations of contemporary sport and physical activity. This course also emphasizes the development of broadly applicable skills, including critical thinking, argumentation, teamwork, and especially writing.

SSA 3172. Leadership in Sport Organizations. (SS; 2 cr. ; A-F only; Every Fall)

Examination of theories and case studies of organizational leadership within sport. Students learn about additional theories and models of sport leadership and practice and develop their leadership skills. [Note: no cr for students who have received cr for Mgmt 3172] prereq: 2302

SSA 3201. Coaching Practicum. (; 1 cr. ; S-N only; Every Fall & Spring)
Supervised field experience in coaching, consisting of no fewer than 40 hours. prereq: instr consent

SSA 3210. Internship in Sport Studies and Athletics. (1-12 cr. [max 24 cr.] ; S-N only; Every Fall & Spring)

An educational experience in a work environment providing field applications for the student's theoretical classroom learning experiences.

SSA 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)
An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

SSA 4101. Planning and Programming of Athletic Facilities. (; 4 cr. ; Student Option; Every Spring)

Theories/techniques in administration/ management of sport enterprises including the steps in planning/building facilities for athletics, physical education, and sport for college, professional, and public use. prereq: 3101

SSA 4102. Organization and Administration of Athletics and Recreation. (4 cr. ; Student Option; Every Fall)

Comprehensive analysis of organization and management of athletics and recreation. prereq: 3101

SSA 4201. Sport Governance: Legal and Ethical Issues. (E/CR; 4 cr. ; A-F only; Every Spring)

An integrative capstone for students in sport management. In addition to emphases in legal and ethical issues, it integrates knowledge from key areas of study in sport management. Includes an independent research project and a public presentation. prereq: 2401, 2402, 4102

SSA 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Statistics (STAT)

STAT 1601. Introduction to Statistics. (M/SR; 4 cr. ; Student Option; Every Fall & Spring) Scope, nature, tools, language, and interpretation of elementary statistics. Descriptive statistics; graphical and numerical representation of information; measures of location, dispersion, position, and dependence; exploratory data analysis. Elementary probability theory, discrete and continuous probability models. Inferential statistics, point and interval estimation, tests of statistical hypotheses. Inferences involving one and two populations, ANOVA, regression analysis, and chi-squared tests; use of statistical computer packages. This course is listed as being taught as Remote - With a set meeting pattern. However, this course can be taken Online - Without a set meeting pattern. If you would prefer the option without a set meeting pattern, please enroll and discuss with the professor prereq: high school higher algebra

STAT 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

STAT 2501. Probability and Stochastic Processes. (M/SR; 4 cr. ; Student Option; Periodic Fall) Same as Math 2501. Probability theory; set theory, axiomatic foundations, conditional probability and independence, Bayes' rule, random variables. Transformations and expectations; expected values, moments and moment generating functions. Common families of distributions; discrete and continuous distributions. Multiple random variables; joint and marginal distributions, conditional distributions and independence, covariance and correlation, multivariate distributions. Properties of random sample and central limit theorem. Markov chains, Poisson processes, birth and death processes, and queuing theory. prereq: Math 1101 or instr consent

STAT 2601. Statistical Methods. (M/SR; 4 cr. ; Student Option; Every Fall) Descriptive statistics, elementary probability theory; laws of probability, random variables, discrete and continuous probability models, functions of random variables, mathematical expectation. Statistical inference; point estimation, interval estimation, tests of

hypotheses. Other statistical methods; linear regression and correlation, ANOVA, nonparametric statistics, statistical quality control, use of statistical computer packages. prereq: Math 1101 or Math 1021

STAT 2602. Mathematical Statistics. (M/SR; 3 cr. ; Student Option; Every Fall & Spring) Descriptive statistics, elementary probability theory; laws of probability, random variables, discrete and continuous probability models. Statistical inference; point estimation, interval estimation, tests of hypotheses. Other statistical methods; linear regression and correlation, ANOVA, use of statistical computer packages.

STAT 2611. Mathematical Statistics. (M/SR; 4 cr. ; Student Option; Every Spring) Introduction to probability theory. Principles of data reduction; sufficiency principle. Point estimation; methods of finding and evaluating estimators. Hypothesis testing; methods of finding and evaluating tests. Interval estimation; methods of finding and evaluating interval estimators. Linear regression and ANOVA. prereq: Math 1101

STAT 2701. Introduction to Data Science. (M/SR; 4 cr. ; Student Option; Every Spring) Same as CSci 2701. Introduction to data science and informatics and their application to real world scenarios. Computational approaches to data types; database creation including technologies such as SQL/no-SQL; data visualization; data reduction, condensation, partitioning; statistical modeling; and communicating results. prereq: Stat 1601 or Stat 2601 or Stat 2611, CSci 1201 or CSci 1301 or CSci 1251 or instr consent

STAT 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

STAT 3501. Survey Sampling. (M/SR; 4 cr. ; Student Option; Fall Even Year) Introduction to basic concepts and theory of designing surveys. Topics include sample survey designs including simple random sampling, stratified random sampling, cluster sampling, systemic sampling, multistage and two-phase sampling including ratio and regression estimation, Horvitz-Thomson estimation, questionnaire design, non-sampling errors, missing value-imputation method, sample size estimation, and other topics related to practical conduct of surveys. prereq: 1601 or 2601 or instr consent

STAT 3601. Data Analysis. (M/SR; 4 cr. ; Student Option; Every Fall) Nature and objectives of statistical data analysis, exploratory and confirmatory data analysis techniques. Some types of statistical procedures; formulation of models, examination of the adequacy of the models. Some special models; simple regression, correlation analysis, multiple regression analysis, analysis of variance, use of statistical computer packages. This course is listed as being taught as Remote - With a set meeting pattern. However, this

course can be taken Online - Without a set meeting pattern. If you would prefer the option without a set meeting pattern, please enroll and discuss with the professor prereq: 1601 or 2601 or 2611 or instr consent

STAT 3611. Multivariate Statistical Analysis. (M/SR; 4 cr. ; Student Option; Every Spring) Analysis of categorical data. Loglinear models for two- and higher-dimensional contingency tables. Logistic regression models. Aspects of multivariate analysis, random vectors, sample geometry and random sampling, multivariate normal distribution, inferences about the mean vector, MANOVA. Analysis of covariance structures: principal components, factor analysis. Classification and grouping techniques: discrimination and classification, clustering, use of statistical computer packages. prereq: 1601 or 2601 or 2611 or instr consent

STAT 3701. Intermediate Data Science. (4 cr. ; Student Option; Every Fall) Same as CSci 3701. Continued development of topics introduced in Introduction to Data Science. Data mining techniques; applied machine learning techniques; mathematical fundamentals such as introductory linear algebra; graphical models such as Bayesian networks; network analysis; special topics such as topological data analysis; and a strong emphasis on communicating results. prereq: CSci 2701 or Stat 2701 or instr consent

STAT 3901. Statistical Communication. (2 cr. ; A-F only; Every Spring) Finding and utilizing sources of statistical information including data. Techniques for searching statistical literature, as well as reading and interpreting these sources. Principles of technical writing and communication in statistics. Writing, editing, and revising an extensive review paper on a statistical topic. Collaboration and statistical consulting skills needed for clients and project teams, explaining analyses, and writing reports understandable to non-statisticians. Attendance at senior seminar presentations is required. prereq: stat major, jr or sr status or instr consent

STAT 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring) An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

STAT 4601. Biostatistics. (; 4 cr. ; Student Option; Every Spring) Design and analysis of biological studies: biological assays, case-control studies, randomized clinical trials, factorial designs, repeated measures designs, observational studies, and infectious disease data. Analysis of survival data: basic concepts in survival analysis, group comparisons, and Cox regression model. Use of statistical computer packages. prereq: 1601 or 2601 or 2611 or instr consent

STAT 4631. Design and Analysis of Experiments. (; 4 cr. ; Student Option; Periodic Fall & Spring)

Design and analysis of experimental designs; blocking, randomization, replication, and interaction; complete and incomplete block designs; factorial experiments; crossed and nested effects; repeated measures; confounding effects. prereq: 3601 or instr consent

STAT 4651. Applied Nonparametric Statistics. (; 4 cr. ; Student Option; Periodic Fall & Spring)

Application of nonparametric statistical methods. Examples use real data, gleaned primarily from results of research published in various journals. Nonparametric inference for single samples, paired samples, and independent samples, correlation and concordance, nonparametric regression, goodness-of-fit tests, and robust estimation. prereq: 1601 or 2601 or 2611 or instr consent

STAT 4671. Statistical Computing. (; 4 cr. ; Student Option; Periodic Summer)

Entering, exploring, modifying, managing, and analyzing data by using selected statistical software packages such as R or SAS. The use of statistical software is illustrated with applications of common statistical techniques and methods. Designed for students who have a basic understanding of statistics and want to learn the computing tools needed to carry out an effective statistical analysis. prereq: 1601 or 2601 or 2611 or instr consent

STAT 4681. Introduction to Time Series Analysis. (; 4 cr. ; Student Option; Fall Odd Year)

Introduction to the analysis of time series including those with a connection to environment such as spatial and spatio-temporal statistics. Randomness test, ARMA, ARIMA, spectral analysis, models for stationary and non-stationary time series, seasonal time series models, conditional heteroscedastic models, spatial random processes, covariance functions and variograms, interpolation and kriging. prereq: 3601 or instr consent

STAT 4901. Senior Seminar. (; 2 cr. ; S-N only; Every Fall)

Required for all statistics majors. Seminar on student-selected statistical topics. Includes preparation and presentation of a seminar based on original research, a data analysis, or results of a detailed study of a topic in statistics. Begins in fall semester and continues all year. Students attend year round and present one of the seminars in Spring semester. Requires attendance and a presentation in addition to regular class meetings. prereq: 3901, sr status

STAT 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Theatre Arts (TH)

TH 1040. Backstage on Broadway. (; 1 cr. [max 4 cr.] ; S-N only; Periodic Fall & Spring) Supervised field trip to New York; attending selected professional theatre productions;

backstage tours; discussions with theatre professionals. prereq: instr consent

TH 1050. London Theatre Tour. (; 1 cr. [max 4 cr.] ; S-N only; Periodic Fall & Spring)

Supervised field trip to London, England; attending selected professional theatre productions; backstage tours; discussions with theatre professionals. prereq: instr consent

TH 1060. Production Experience. (; 1 cr. [max 8 cr.] ; S-N only; Every Fall & Spring)

Participation in some aspect of theatre production other than performing (e.g., scenery, props, costumes, lighting). An interview and approval from theatre faculty is required. prereq: instr consent

TH 1070. Performance Experience. (ART/P; 1 cr. [max 8 cr.] ; S-N only; Every Fall & Spring)

Participation in theatrical production as a performer. A production audition is required with approval from the theatre faculty. prereq: instr consent

TH 1101. The Theatre Experience: An Introduction. (FA; 4 cr. ; Student Option; Every Fall)

Fundamental examination and practical application of the theory, history, and practice of theatrical performance as a reflection of society. Focus is on the theatre event as a collaborative effort and transitory art form.

TH 1111. Fundamentals of Acting. (ART/P; 4 cr. ; Student Option; Every Spring)

Approaches characterization from a physical and psychological view. Focus is on use of imagination, text analysis, body and voice to develop characters from modern realistic dramatic literature. prereq: 1101, theatre arts major or minor or instr consent

TH 1301. Fundamentals of Design. (ART/P; 4 cr. ; Student Option; Every Fall)

Problem-solving approach to elements, principles, and functions of design; their place in the theatre and elsewhere.

TH 1993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

TH 2101. Fundamentals of Directing. (ART/P; 4 cr. ; Student Option; Every Fall)

Introduces the practical components of the director as artist, teacher, and collaborator. Focus is on the craft of directing modern realistic dramatic literature through text analysis, communication of concepts, and stylistic techniques. prereq: 1111, theatre arts major or minor or instr consent

TH 2111. Creative Drama with Children. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

Development of classroom skills in the use of dramatic techniques to teach a broad range of subjects to children. Exercises, presentations, and experiential learning techniques are modeled and practiced in class. prereq: 1101 or theatre or elem ed major or instr consent

TH 2112. Drama in the Classroom. (ART/P; 2 cr. ; A-F only; Periodic Fall & Spring)

Development of classroom skills in the use of dramatic techniques to teach a broad range of subjects to children. Exercises, presentations, and experiential learning techniques are modeled and practiced in this 2-credit half-semester class.

TH 2113. Costume Design. (ART/P; 2 cr. [max 4 cr.] ; Student Option; Periodic Fall & Spring)

Exploring how costumes impact a theatrical performance. Students will design costumes for theoretical productions. Various mediums will be explored via visual research as well as hand and computer rendering.

TH 2114. Sound Design. (ART/P; 2 cr. [max 4 cr.] ; Student Option; Periodic Fall & Spring)

Explore how sound impacts our perception of storytelling. Students will use sound editing software to explore various means of storytelling using only sound as their artistic medium.

TH 2201. Voice and Movement. (ART/P; 4 cr. ; Student Option; Every Spring)

Explores the use of the voice and the body as means for expression in performance and everyday communication. Focus is on expansion and enhancement of vocal and physical skills through release of tension, posture, vocal exercises, and muscle extension. prereq: 1111, theatre arts major or minor or instr consent

TH 2211. Oral Interpretation. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

Introduces the study of literature through text analysis and performance. Focus is on the student's discovery of the aesthetic, communicative, and performative elements of a variety of personal narratives, prose, and poetry.

TH 2212. Interpretation for Performance. (ART/P; 2 cr. ; A-F only; Periodic Fall & Spring)

Introduces students to the study of performance through voice, body movement, and emotions by using their interpretations of literary texts (prose, poetry, drama, music) as well as a memorized program on a theme. [Note: no credit for students who received credit for Th 2211]

TH 2221. Readers' Theatre. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

Explores the theory and practice of adapting literature into group performance. Focus is on text analysis, script development, directing, and performing both dramatic and non-dramatic literary texts. prereq: 2211

TH 2222. Creating Live Radio Theatre from Script to Performance. (ART/P; 1 cr. ; S-N only; Periodic Spring)

Provides an opportunity to develop a radio theater show from script through broadcast performance. Parts are assigned through audition. Involves significant research and rehearsal time in various capacities for all students enrolled. [Note: students will audition/interview to be on radio] prereq: instr consent

TH 2223. The Sounds of Musicals: The History and Literature of Musical Theatre. (FA; 4 cr. ; Student Option; Periodic Fall & Spring)

A survey of American musical theatre history and literature. Trace the roots of musical theatre, a uniquely American artform, from the late 19th century to the present, through a study of the libretti and scores of important contributions to the field.

TH 2231. Playwriting. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

Introduces the process for writing and revising an original play. Focus is on writing, revising, and presenting a short play, including idea generation, invention, drafting, and peer response.

TH 2301. Stagecraft. (ART/P; 4 cr. ; Student Option; Every Spring)

Development of stagecraft from the Greeks to the present. Basic forms of stage scenery and their functions in the theatre. Tools, materials, and techniques employed in creating the visual environment of the stage. (3 hrs lect, 3 hrs practicum) [Note: materials fee required]

TH 2993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

TH 3001. Theatre Scene Painting Studio.

(FA; 4 cr. ; Student Option; Fall Odd Year) Instruction in a systematic approach to painting theatrical scenery. Traditional techniques and the tools and paints that have been developed to support those techniques. [Note: materials fee required] prereq: instr consent

TH 3003. Stage Management. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

Introduces the principles of theatrical stage management; explores the stage manager's functions and duties through all phases of the production process including pre-production, rehearsal, and performance. prereq: instr consent

TH 3006. Costume Crafts: Exploration in Fantasy Clothing and Puppetry. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

Exploration of different methods of soft sculpture, foam patterning, and painting to create various pieces used in theatrical events as well as fantasy gatherings. This course requires a large amount of independent work outside of class. [Note: materials fee required]

TH 3007. Faking It To Make It: Theatrical Property Design and Construction. (ART/P; 2 cr. ; Student Option; Periodic Fall & Spring)

Exploration of the methods and materials theatrical designers use to make items that appear realistic from stage, but are made from everyday materials. Students will explore how to make fake food, stage weapons, and costume crafts. [Note: materials fee required]

TH 3101. World Theatre: History and Literature I. (FA; 4 cr. ; Student Option; Every Fall)

Theatrical practice and dramatic literature from origins through late 17th century, tracing the roots leading to, and influences on, early modern European theatre practice and dramatic literature, as well as examining select

Asian, African, and/or pre-Columbian American theatrical practice.

TH 3102. World Theatre: History and Literature II. (FA; 4 cr. ; Student Option; Every Spring)

Theatrical practice and dramatic literature from the late 17th century to the present, examining select Asian, African, and/or Western Hemisphere theatrical practice, as well as tracing the roots leading to, and influences on, current world theatre practice and dramatic literature.

TH 3201. Advanced Acting. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

Begins with advanced acting techniques based in psychological realism and moves to an exploration of select classical and non-realistic forms. Styles to be examined are chosen from a list, including ancient Greek, Elizabethan, comedy of manners, absurdism, postmodernism, musical theatre, etc. prereq: 1101, 1111, 2101

TH 3202. Advanced Directing. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

Begins with advanced directing techniques based in psychological realism and moves to an exploration of select classical and non-realistic forms. Styles to be examined are chosen from a list, including ancient Greek, Elizabethan, comedy of manners, absurdism, postmodernism, musical theatre, etc. prereq: 1101, 1111, 2101

TH 3301. Stage Lighting. (ART/P; 4 cr. ; Student Option; Fall Even Year)

History and development of lighting for the stage. Theory and concepts of lighting as a visual art and its function in the theatre. Lighting design as a creative process and practical solution of lighting design problems. Lighting equipment and its use. [Note: materials fee required] prereq: 1301, 2301

TH 3303. Computer-Assisted Drawing.

(ART/P; 4 cr. ; Student Option; Periodic Fall) Theory, concepts, and practice of using a computer as a drawing and drafting tool. [Note: materials fee required.]

TH 3304. Art Direction for Film and Television. (FA; 4 cr. ; Student Option; Periodic Fall & Spring)

Introduction of art direction for film and television. The roles and duties of the production designer and art director for fictional film and television series.

TH 3305. Stage Make-Up. (ART/P; 4 cr. ; Student Option; Periodic Fall & Spring)

Systematic approach to stage make-up application. Includes history, safety, product, design, and application, with heavy emphasis on hands-on experience. [Note: materials fee required]

TH 3307. Artistic Portfolio. (2 cr. ; Student Option; Periodic Fall & Spring)

Designed for students who are working towards performance and/or design degrees. Students are tasked with creating an online portfolio for their work to be used beyond their time at UMM. Junior or senior students who have accumulated a substantial body of creative work will be successful in this course.

TH 3308. Advanced Lighting Design. (2 cr. ; Student Option; Periodic Fall & Spring)

Designed for students who have completed TH 3301 Lighting Design. Throughout this course, students work with faculty on various hands-on lighting projects in a lab-based environment. Topics explored include programming, networking, and application. prereq: 3301, instr consent

TH 3309. Scenic Design. (FA; 4 cr. ; Student Option; Periodic Fall & Spring)

Designing scenery as an expressive environment for the theatre. Elements and functions of design and principles of composition. Problems in coordination and execution of design in the interpretation of dramatic literature using a variety of staging techniques. Study of various styles of historical and contemporary stage productions and theatre architecture through the writings and designs of such artists and theorists as Appia, Craig, Meyerhold, Jones, and Svoboda. [Note: no cr for students who have received cr for Th 4301] prereq: 1301, 2301

TH 3450. Irish Drama: Print, Culture, and Performance. (IP; 4 cr. [max 8 cr.] ; Student Option; Periodic Summer)

Includes theatre performances and tours, workshops, and seminars from leading Irish scholars and actors; class sessions; cultural visits and exploration of Irish cities, landscapes, and historical sites throughout Ireland. [Note: some course readings expected before departure]

TH 3993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

TH 4901. Senior Project. (; 2-4 cr. ; Student Option; Every Fall & Spring)

Culminating activity to demonstrate the student's competence in some area of theatre arts. Projects may be completed independently (e.g., a research paper, a solo acting performance) or as part of a group effort. Acting, scenery, lighting, costume design, playwriting, and theatre history are some areas in which the project may be undertaken. prereq: theatre arts major, instr consent

TH 4993. Directed Study. (1-5 cr. [max 10 cr.] ; Student Option; Every Fall & Spring)

An on- or off-campus learning experience individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum.

Undergraduate (UGRD)

UGRD 4999. Undergraduate Summer Research. (0 cr. ; No Grade Associated; Every Fall) Undergraduate Summer Research

Unknown (UNKN)

UNKN XXXXX. Unknown. (0-999 cr. ; Transfer Grading Basis;) Unknown