College of Liberal Arts

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College of Liberal Arts

General Information

At the heart of every great university is a college encompassing the fundamental disciplines of knowledge. That college at the University of Minnesota is the College of Liberal Arts (CLA). The college was formally established in 1868, 17 years after the founding of the University. CLA undergraduates study with faculty scholars and creative artists who are defining the future in their fields of study.

A CLA education provides not only breadth of knowledge, but depth and proficiency in a particular field, or discipline, of knowledge. CLA students develop habits of creative and critical thinking, develop analytical and problem-solving skills, and learn to communicate across cultures and media. Such skills and knowledge are an indispensable foundation for careers in industries and professions across all sectors of society, from banking and commerce to health care, education, law, public service, and the arts.

Study and research opportunities are available to undergraduates in more than 60 major areas in the social sciences, humanities, and fine arts. In addition to strong discipline-based programs, CLA offers interdisciplinary majors—including studies in cinema and media culture, urban studies, and Chicano studies—that draw on the strengths of disciplines and integrate them in new and exciting ways. CLA also offers B.A. degrees in some science programs housed in the Institute of Technology and the College of Biological Sciences. (See the list of majors for details.) The B.A. degree may be particularly appropriate for science students who wish to become high school teachers, who would like to pursue careers in scientific writing, or who wish to preserve more flexibility in their programs than the B.S. degree allows.

Nearly 14,400 undergraduate students and about 2,300 graduate students were enrolled in CLA programs fall 2005. Their professors are dedicated teachers and pathbreaking researchers, scholars, and creative artists who bring to their interactions with students the most current knowledge and ideas in their fields.

Degree requirements established by the college give students an education solidly and broadly based in the liberal arts. Courses that meet the Twin Cities campus-wide liberal education requirements introduce students to the modes of inquiry and subject matter of the major branches of knowledge, as well as four broad themes: international perspectives, cultural diversity, environmental issues, and citizenship and public ethics.

In recognition of the importance of written communication, students take several writing courses, including a formal first-year composition or rhetoric course and upper level intensive writing courses. The CLA language requirement helps students become proficient in a second language.

As the port of entry to the University for many students, CLA prides itself on its Student Communities, which offer academic and career advising and other services. Student Services staff help direct students to the many learning opportunities available within CLA and throughout the University—including internships and service learning.

Admission

Prospective Student Services

Prospective CLA students can find information about student life and academic programs at www.cla.umn.edu.

Preadmission advising and assistance are offered by the University’s Office of Admissions. If students would like to visit the campus and talk about plans for study in CLA, they should contact the Office of Admissions, University of Minnesota, 240 Williamson Hall, 231 Pillsbury Drive S.E., Minneapolis, MN 55455 (612-625-2008), http://admissions.tc.umn.edu.

Enrollment Limits—The University of Minnesota has approved enrollment limits for the Twin Cities campus. To remain within those limits, CLA must limit the number of new students it admits. If the college exceeds its enrollment limit, there will be inadequate funding to meet the educational needs of its students. The college will admit as many qualified students as possible without exceeding its projected enrollment limit.

Application Procedures

Freshman Admission

Freshman applicants are high school graduates or high school seniors who will graduate before they enroll in CLA. These students are freshmen regardless of any college credits they may have completed while in high school such as postsecondary enrollment options credits. High school graduates who have enrolled in a postsecondary institution after graduation are considered transfer applicants for admission purposes, regardless of the number of credits completed.

For official and up-to-date information about the University’s admissions policies, procedures, and deadlines, please see the latest edition of the Undergraduate Application Booklet available from the Office of Admissions or online.

In fall 2002, nearly three-fourths of CLA freshmen ranked in the top quarter of their class, and one fourth ranked in the top 10 percent. The mean ACT composite score was 25.2. The mean SAT verbal score was 599 and mean SAT math score was 600. Applicants are not guaranteed admission even if they match or exceed some or all of these score levels.

Transfer Admission

Students who have completed at least 26 (39 quarter) credits of transferable college coursework will be considered for admission based on college academic record. High school graduates who have completed less than a full year of college coursework at the time of admission will be considered for admission using a combination of transfer and freshman admission criteria. The key factors considered are cumulative grade point average, course completion patterns, grade trends in the most recent 24 credits, and residency status. See Transfer Admission in the General Information section of this catalog.

Students must indicate a CLA major on the admission application to be considered for admission to CLA. Pre-professional plans are not CLA majors. Students with 60 semester (90 quarter) credits or more must declare a major on their admission application. Some majors have additional requirements for admission to the major. See additional admission requirements
under individual majors in this catalog. Students are admitted in spring semester only if space is available.

Honors Program Admission
For admission to the honors program, students must be admitted to CLA through the regular application procedure described for new freshmen or new transfer students. Students applying for freshman admission to honors must also use the University of Minnesota Honors Programs Application for Freshmen. Admitted students typically rank in the top ten percent of their high school class with an ACT composite score of 28 or higher or an SAT combined math and verbal score of 1260 or higher. Transfer students may apply with grade point averages of 3.60 or higher. Students may be admitted to the honors program after they enroll in the college provided they have at least three semesters remaining before graduation (ordinarily before 75 credits are completed.) For information about program eligibility and application procedures, contact Honors College of Liberal Arts (HCLA), 20 Nicholson Hall, 216 Pillsbury Drive SE, University of Minnesota, Minneapolis, MN 55455 (612-624-5522) or see http://cla.umn.edu/honors.

Martin Luther King Program Admission
For admission to the Martin Luther King, Jr. (MLK) Program, students must be admitted to CLA through the regular application procedure described for new freshmen or new transfer students. Students should indicate interest in the MLK Program on their application. For currently enrolled or returning students, information regarding the MLK Program may be obtained in 19 Johnston Hall (612-625-2300) and at http://mlk.class.umn.edu.

Non-degree-seeking/Postbaccalaureate Admission
Students interested in enrolling in CLA courses but not in earning a CLA degree may wish to consider enrollment opportunities available through the College of Continuing Education, 101 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455 (612-624-4000).

Advising services for CLA non-degree-seeking students are available from the student communities. Please consult the Student Services Web site or call 612-625-2020 for more information. Advisers aid in planning programs to suit students’ outside demands and in selecting coursework to take fullest advantage of the college’s resources.

Orientation
New students must participate in a CLA orientation program before their first semester of enrollment. College faculty and staff, together with staff from the University’s Orientation and First-Year Programs Office, introduce students to resources and services of the University and college. College advisers meet with students in groups and individually to explain degree requirements, answer questions, and work out initial registration for courses. Students also receive help using online registration. Orientations are scheduled up to three months before the start of the semester for which students are admitted.

New students receive their scheduled orientation date online, along with a variety of planning resources. Before students come to campus, they should use this information to identify various majors of interest, clarify their goals for the first semester, and consider which on-campus activities they may want to be involved in.

New students receive a CLA New Student Handbook. Transfer students with a declared major receive a CLA Graduation Handbook. Students who have questions about college procedures between the time they are admitted and when they enroll should contact the CLA Student Information Office, 49 Johnston Hall (612-625-2020) or visit http://iamnew.class.umn.edu.

Degrees/Majors
CLA offers five bachelor’s degrees—bachelor of arts (B.A.), bachelor of fine arts (B.F.A.), bachelor of science (B.S.), bachelor of individualized studies (B.I.S.), and bachelor of music (B.M.).

If students are making satisfactory academic progress, they generally are free to select the major and minor of their choice. Some programs, however, limit the number of majors admitted. See the program descriptions below for more information.

Bachelor of Arts Degree—This degree can be earned through majors in most CLA departments and programs. Its breadth and diversity in general education make it valuable as a base for many kinds of careers or advanced study. CLA offers several professional majors and specializations as well as interdepartmental programs for the B.A.

Bachelor of Fine Arts Degree—The Department of Art and the Department of Theatre Arts and Dance offer the B.F.A. for students who demonstrate superior professional promise. Information about program admission and degree requirements can be obtained from the appropriate department office.

Bachelor of Science Degree—The B.S. degree is offered in five areas: child psychology, economics, geography, sociology, and urban studies. The B.S. provides a more specialized concentration than the B.A.

Bachelor of Individualized Studies Degree—To earn this degree, students propose an individualized program of study composed of three areas of concentration based on their personal academic objectives. Proposals must be evaluated and approved by three faculty advisers.

Bachelor of Music Degree—The School of Music offers the B.M. degree for students who demonstrate superior professional promise in performance, music education, and music therapy.

CLA Degrees Earned Concurrently With Other University of Minnesota Degrees—Students may complete two undergraduate degrees concurrently by applying for dual degree status. Students should contact their college office for more information.

Second Degrees, Second Majors, Minors—If students have earned a bachelor’s degree at another institution, they may earn a CLA bachelor’s degree with a different major by completing all degree requirements, including 30 CLA semester credits. If students are CLA graduates or in the process of earning a CLA degree, they may earn a different CLA bachelor’s degree by completing 30 additional CLA credits and meeting all requirements for the second degree. If students are CLA graduates and interested in completing requirements for a second major, not for a second bachelor’s degree in the college, they may complete requirements for another major and have that accomplishment recorded on their official transcript. In addition, students in other Twin Cities colleges may earn majors or minors in CLA.

Graduating with Distinction—CLA students may graduate with distinction, a recognition of a cumulative GPA of 3.75 or higher; with high distinction (traditional honors), a recognition of a cumulative GPA of 3.90 or higher; or both. Only University of Minnesota coursework is counted toward a student’s GPA and students must have completed 60 or more semester credits at the University of Minnesota, Twin Cities.
CLA offers major and minor programs in the following subjects.
(See Degree Programs for specific information about each program.)

Acting
African American and African studies
American Indian studies
American studies
Ancient Mediterranean studies (major only)
Anthropology
Architecture
Art
Art history
Asian languages and literatures
Astronomy
Biology, society, and environment
Chemistry
Chicano studies
Child psychology
Classical and Near Eastern archaeology
Classical civilization
Communication studies
Computer science
Cultural studies and comparative literature
Dance
Economics
English
French studies
French and Italian studies (major only)
Geography
Geology
German studies
Global studies
Greek
Hebrew

CLA offers additional minor programs in the following subjects.

Asian American Studies
Austrian and Central European Studies
Biblical studies
Dutch
East Asian studies
English as a Second Language (ESL)
European area studies
Gay, Lesbian, Bi-sexual, Transgendered
History of medicine
History of science and technology
Humanities in the West
Latin American studies
Learning abroad
Medieval studies
New media studies
Russian area studies
South Asian and Middle Eastern studies

History
Individualized studies (major only)
Interdepartmental major (major only)
Italian studies
Jewish studies
Journalism
Latin
Linguistics
Mathematics
Microbiology (major only)
Music
Music education (major only)
Music performance (major only)
Music therapy (major only)
Philosophy
Physics
Physiology (major only)
Political science
Psychology
Religious studies
Russian
Scandinavian languages and Finnish
Sociology
Sociology of Law, Criminology, and Deviance
Spanish studies
Spanish and Portuguese studies
Speech-language-hearing sciences
Statistics
Studies in cinema and media culture
Theatre arts
Urban studies
Women’s studies

Students may prepare in CLA for the following professional programs (preparation for these involves one to four years of study in CLA).

Architecture
Dental hygiene
Dentistry
Education
Law
Management
Medical technology
Medicine
Mortuary science
Nursing
Occupational therapy
Pharmacy
Physical therapy
Public affairs
Public health
Recreation, park, and leisure studies
Veterinary studies

CLA Majors

Major Sequences—Candidates for all CLA degrees except the B.I.S. must complete a major to gain depth of understanding in an area of study. More than 60 majors are offered in the college. Requirements change from time to time. Check with the undergraduate studies office in the major department for current information.

Major Requirements

Major Status—Majors are programs of concentration. Each represents the judgment of its department about appropriate study of the discipline at the undergraduate level. The department or students’ major advisers may modify individual major programs. Admission to major status in some CLA degree programs requires department permission. See Degree Programs for more information on specific degree programs.
Required Preparatory Courses—Most major programs require preparatory or background courses that qualify students to enter advanced major work. Many of these courses satisfy general education requirements. See individual program listings for required preparatory courses.

Major Project—CLA requires that students complete a major project. The project demonstrates analytic and conceptual skills as well as an understanding of the mode of inquiry characteristic of the discipline. For most majors, the format of the project is a paper.

Individually Designed Interdepartmental Major (IDIM)—The IDIM allows students to design a unique program with an interdisciplinary theme or focus tailored to their individual academic interests. It requires approval by the Individualized Programs Office, 345 Fraser Hall, and three faculty advisers. The major combines coursework from three or more CLA departments. A senior project is required to integrate the areas of concentration.

Bachelor of Individualized Studies—If students seek an even broader program of study than the IDIM, they may wish to consider the B.I.S. degree. For this degree, students design an individualized program made up of three concentrations totaling 50 credits. The program must be evaluated and approved by three faculty advisers. The program must have coherence based on stated academic objectives. This program has much in common with the IDIM—student initiative in proposing courses, close contact with faculty advisers, highly individualized programs. It differs from the IDIM in permitting multiple educational objectives rather than a single theme or concentration, and in allowing one concentration outside the college, provided it is relevant to students’ objectives and approved by their advisers. The Bachelor of Individualized Studies Office is in 345 Fraser Hall (612-624-6006). For more information, see the Degree Programs section of this catalog.

Double Major—Students may earn a second major in CLA. Students interested in pursuing a double major should consult with a CLA advising office to learn what steps are necessary for their areas of interest. Students may also combine a CLA major with a major or minor from another college in the University.

Honors in CLA

Departmental Honors Courses—Honors courses or special honors sections of regular courses are small in size and taught by selected teachers. Although grading standards are comparable to those of other courses, topics and materials are approached in greater depth. These courses are designated by an “H” or a “V” after the course number.

2xxx Honors Seminars—These seminars are led by faculty and are open to all honors freshmen and sophomores. Topics change each semester and vigorous student participation is the norm. Field trips and other special learning methods often characterize the seminars. They carry credit, but because new topics and hours are selected each semester, they are not listed in the catalog. A list of topics is available in the Honors Program Office.

3xxx Honors Seminars—These seminars are open to honors program students who have completed 60 credits (other applicants are sometimes admitted when class space permits). In contrast to departmental honors course offerings, which emphasize depth of learning within fields, honors seminars serve the interests of students of high ability but with little background in the subject field. The seminars cover a wide range of topics, often of an interdisciplinary character, and deal with problems and ideas not treated in the regular curricular offerings of the college. Topics are specified in the Class Schedule and descriptions are available in the Honors Program Office.

Freshman-Sophomore Honors Program—Honors students who have earned fewer than 60 credits may participate in a program that provides certain educational opportunities: honors seminars taught by faculty, advising for honors students by professional and peer advisers, special faculty advisers, and special library loan privileges. There are honors opportunities both for students who will seek a CLA degree and for preprofessional students who will complete their degrees outside of CLA. Freshmen and sophomores are strongly encouraged to complete at least two honors courses per year. Students who complete three honors opportunities and earn a 3.50 GPA in their freshman and sophomore years receive a certificate and a notation on their transcript.

Junior-Senior Honors Program—If students have completed 60 credits and declared their major, they may apply to the junior-senior program to pursue “Latin honors.” They may participate in the honors curriculum in their major field as well as in a variety of academic opportunities, including honors seminars. Students are assisted in scholarship and fellowship matters, especially in preparation for graduate work, and have access to experienced counsel about graduate and professional study. Students are advised by both departmental honors faculty and their honors adviser. When undertaking a research project, they have special library privileges. Grants are available to help them meet project costs.

Continuation in Honors—The academic progress of honors students is reviewed annually. A 3.50 GPA is required to continue after the sophomore year.

Departmental Honors Curricula—Most CLA departments provide special honors opportunities for which students must meet special requirements. Information about these offerings as well as about graduation with honors may be obtained from department or program offices or from the Honors Program Office.

Honors Program Office—College records for honors students are kept in 20 Nicholson Hall. The office also provides academic advising, procedural information, and other college office services to honors students.

Minor

A minor is an approved concentration of 14 or more 2xxx, 3xxx, 4xxx, and 5xxx courses. It is not a requirement for graduation, but is an option for all students at the University. CLA students may choose a minor from another college at the University; likewise, all CLA minors are open to students in other colleges.

Honors in CLA

20 Nicholson Hall (612-624-5522)

Honors in CLA (HCLA) offers freshman/sophomore and junior/senior honors programs to intellectually promising and highly motivated students. Its purpose is to broaden the scope of student learning, encourage full use of student potential, and recognize student accomplishments. Among its offerings are honors seminars with faculty for freshmen/sophomores and juniors/seniors, special advisers, departmental honors plans, and opportunities for advanced research and individual study.

Graduation With Honors—Enrollment in the honors program is required for graduation with the traditional honors designations cum laude, magna cum laude, and summa cum laude. Other graduation criteria include University of Minnesota residence, a grade point average (GPA) of at least 3.50, participation in four honors opportunities, in some instances fulfillment of requirements designated for the major field, and an honors thesis or project. http://cla.umn.edu/honors/grad.htm
Policies

Scholastic Standing—The Student Scholastic Standing Committee, comprised of collegiate administrators and advisers, interprets and enforces college and University regulations relating to academic affairs. It handles requests for exceptions to registration policies and procedures as well as some degree requirements. The committee administers the college’s probation system, monitoring students’ performance and dealing with questions of probation, suspension, and readmission.

The committee seeks to maintain the spirit of the college’s regulations as flexibly as possible and is empowered to make exceptions in cases in which regulations work to students’ educational disadvantage.

Students are urged to consult a committee representative in their college office concerning almost any kind of problem, but especially those they think interfere with their ability to attain their academic objectives. Well-established petition and appeal procedures assure full review of student requests.

Late Cancellation—CLA students may receive one discretionary course cancellation after the cancellation deadline but before study day. This discretionary cancellation may be used only once during a student’s enrollment at the University. Other late cancellations are approved by the Student Scholastic Standing Committee only when verified extenuating circumstances that prevent a student from completing a course arise after the cancellation deadline. Any cancellation, discretionary or otherwise, after the cancellation deadline must be requested by written petition in the student’s college advising office.

Scholastic Conduct—All incidents of scholastic misconduct are reported to the Office for Student Academic Integrity/Student Judicial Affairs. Students will be informed of ways to resolve problems, sanctions that may be imposed, and appeal procedures. CLA students may contact CLA Student Services (612-624-3846) for more information.

Retention of Student Records—Official transcripts are maintained permanently by the Office of the Registrar. The college files of students who left CLA are retained for seven years; college files of students who applied for graduation but did not graduate are kept indefinitely. Student records of graduates are kept for two years following graduation.

In preparation for graduate school, students may store recommendations in permanent credential files, which are kept in the Career and Community Learning Center.

Graduation Requirements

General Credit Requirements

Credit Requirements—A minimum of 120 credits acceptable to the college are required for all CLA bachelor’s degrees; 48 of these credits must be in 3xxx, 4xxx, and 5xxx courses.

To earn a University of Minnesota undergraduate degree, students must present at least 30 semester credits awarded by the campus from which they are seeking to graduate and must complete at least half of upper division major work, and at least 15 of the last 30 credits earned before graduation, on that campus. For students seeking an academic minor, students must take at least three upper division credits in the minor field at the campus from which they will receive their degree. All credit awarded by the University, regardless of the type of instruction, shall count toward the credit requirements for the degree.

Students must complete all campus, college, and program requirements with a minimum GPA of 2.00 in the major and a cumulative GPA of 2.00 or higher in all University coursework.

All degree programs require a C- or better in each course in the major or minor.

A total of 6 semester credits in applied music, physical education, and study skills courses may be applied toward the degree. Credits from typing, word processing, shorthand, first aid, and courses clearly remedial or vocational in nature may not be applied toward any credit requirements.

Credit will not be awarded twice for the same course or for two substantially similar courses.

Degree Requirements After an Absence—Students who have not attended CLA for more than two years must fulfill current graduation requirements.

If less than two years have passed since students last attended CLA, they are under the requirements applicable to them before their absence. Students who plan to leave the University for more than one semester must request a leave of absence through their college advising office.

Liberal Education Requirements

The liberal education curriculum that applies to students’ degree programs depends on the date they are admitted to CLA.

Twin Cities Campus Liberal Education Curriculum—The University of Minnesota, Twin Cities liberal education requirements apply to all students entering a baccalaureate degree program in fall 1996 and later. If students entered a degree program before fall 1996 and are uncertain whether or not the liberal education requirements apply, they should check with their academic adviser. See the Liberal Education Requirements section in this catalog for more information.

Second Language Requirement

The study of a second language is considered essential for a liberal education. CLA expects students to have begun second language study in high school or earlier.

In many cases, knowledge of a second language gained before entering CLA may be used to meet part or all of the language requirement. If students are unsure about their level of proficiency, they should consult their adviser or the language department for placement assistance. Normally, one to two years of high school language study equals one semester of college study.

Qualified students may meet part or all of the entrance and graduation requirements by passing examinations arranged with appropriate departments. (These proficiency examinations do not yield college credits.)

No credit is granted for first- or second-year courses in a student’s primary language of secondary school instruction. Students who earn a C-, S, or better in a Twin Cities campus language sequence course may request to have preceding courses in the sequence (second-semester level or higher) posted retroactively if they have not already received college credit for equivalent courses at another institution. Students should contact their advising office for more information.

Students planning on the B.A. degree should study a language for three years in high school.

CLA Entrance Proficiency Test—All B.A., art B.F.A., and B.I.S. students who wish to register for French, German, or Spanish courses beyond the second semester must pass the appropriate entrance proficiency test. Students who meet the entrance requirement may continue their study at higher levels in the same language or may begin study in another language. Contact the CLA Language Testing Program (612-624-0862) or see the Web site for testing and placement information.
Graduation Requirement—Students have two options for completing the second language requirement for B.A., B.F.A. in art, and B.I.S. degrees:
1 A grade of C-, S, or better in a fourth-semester University of Minnesota language course. Transfer courses will fulfill this requirement if they are at least four semester credits.
2 A passing score on the Language Proficiency Exam (LPE), formerly the GPT, which tests at the fourth semester level. A transcript line will be added for those who pass the LPE.

Languages for which LPEs are available include Chinese, Danish, Finnish, French, German, Italian, Japanese, modern Hebrew, Norwegian, Portuguese, Russian, Spanish, and Swedish. Languages that do not have an LPE include Arabic, Dakota, Biblical Greek, Classical Greek, Biblical Hebrew, Hmong, Korean, Latin, and Ojibwe.

Advising
College advisers in academic departments and student communities offer students individual help in planning their studies and meeting other concerns they might have about college life. CLA student communities assist with course selection, registration, vocational and personal decisions, financial problems, and involvement in campus activities.

Based on their preferred interest or major, students are assigned to one of seven student communities (organized by groups of majors) or a special program where they remain throughout their CLA career. Students are also assigned to a specific team of advisers, including their academic adviser, peer adviser, major adviser, and a career services liaison. Basic services are designed to meet students’ developmental needs, support students’ search for fields of study appropriate to their visions and potential, monitor their academic progress, and help them to be more informed about their choices.

Wise use of the advising system can make students’ college experience more satisfying and productive. Students should take pertinent records and materials to adviser appointments, and prepare for program planning sessions by giving careful thought to possible course selections, program schedules, and short- and long-term education and career goals, and reviewing their transcript or computerized degree audit. Students should expect both support and challenge from their adviser.

CLA Student Services Offices
Students’ college records are kept in their assigned student community; this community provides advising services and procedural information. To contact a student community or to find a major and its communities, see the CLA Advising Web site at or call the assistant dean’s office for CLA Student Services (612-625-3846).

Advising for Special Programs
CLA Honors—20 Nicholson Hall
(612-624-5522) http://cla.umn.edu/honors

Martin Luther King, Jr. Program—19 Johnston Hall
(612-625-2300) http://mlk.class.umn.edu

The Martin Luther King, Jr. Program is designed for students who are interested in a multicultural education. It provides advising, support services, and instruction through tutorials, introductory course sections, support groups, computerized instruction, study skills workshops, and career seminars. Students enrolled in the program are encouraged to maximize their potential through educationally enriching learning experiences.

Special Learning Opportunities and Resources
Career and Community Learning Center (CCLC)

www.cclc.umn.edu

345 Fraser Hall (service-learning and off-campus study for all U students), 612-626-2044

135 Johnston Hall (career services for CLA), 612-624-7577

The Career and Community Learning Center (CCLC) provides many unique services and programs. Its 345 Fraser Hall office serves all students on the U of M Twin Cities campus with its service-learning and community involvement opportunities, along with various off-campus study programs. CCLC’s 135 Johnston Hall office provides career and internship services to College of Liberal Arts students, as well as pre-law advising to all U students.

Service-Learning and Community Involvement (345 Fraser Hall)—Students are encouraged to expand their education and experiences by taking service-learning classes and volunteering in the community. (CCLC oversees these opportunities for U of MTC students, and facilitates service-learning classes with faculty.) CCLC’s community-service programming goals include deepening the understanding of social barriers and inequalities, teaching reflective leadership, contributing toward educational and personal growth, and enriching multicultural understanding. Community-based learning opportunities can be part of academic service-learning courses or done individually through CCLC to enrich an academic program. In 2005, CCLC launched the “Community Engagement Scholars Program,” which allows students to receive official University recognition (transcript notation, special awards upon graduation) for service-learning and community projects. CCLC also provides the annual “Community Involvement Fair,” which hosts almost 100 local community groups on campus. Students can choose to volunteer with various nonprofit and government groups working in many different fields, including direct service work, advocacy, education, community-building, health care, public policy, arts and culture, and more. Incoming first-year students interested in community work can choose to live in a service-learning house.

Off-Campus Study (345 Fraser Hall)—CCLC administers domestic off-campus study programs for all students on the Twin Cities campus. It coordinates the National Student Exchange (NSE) program, which allows students to study for a semester or year at a participating school in the United States or Canada. CLCC also administers HECUA programs, which offer off-campus study programs focused on social justice. These semester-long programs take place in the Twin Cities area and include internships, community projects, and individual and group study. HECUA’s Twin Cities programs include City Arts, Environmental Sustainability, and Metro Urban Studies Term.

Internships—Internships are an important vehicle for exploring questions and issues raised in the classroom. They allow students to gain experience in a particular field and learn more about possible career alternatives. Internships are available in all fields of study; some are paid, others unpaid. Internships are available in government, business, human services, science and technology, health care, ecology, education, the arts, broadcasting, publishing, and many other fields.

Academic credit for learning acquired through internship experiences is available through several CLA departments, including some of the courses available under the Interdepartmental Study (ID) designator. Some financial support is available in the form of the “CLA Undergraduate Internship Grant,” which funds students doing otherwise unpaid internships in the community. See a CCLC adviser for information on both credit and the grant program.
FLAC and FLIP

Foreign Languages Across the Curriculum (FLAC)—FLAC allows students to apply their knowledge of a second language to the study of a particular discipline. FLAC courses attach a one credit language “trailer” to an existing course. In addition to regular English language coursework, students participate in a section meeting conducted in a second language.

Foreign Language Immersion Program (FLIP)—FLIP gives students an opportunity to strengthen their language skills in French, German, or Spanish by offering courses taught entirely in a second language. FLIP students can experience immersion by carrying an entire semester course load (typically 15 credits) in French, German, or Spanish. Alternatively, students may elect to enroll in only a portion of the FLIP.

For further information about FLAC or FLIP, contact the Institute of Global Studies at 612-624-9007 or see http://igs.cla.umn.edu.

Special Achievement

Each semester, the college publicly recognizes superior academic performance through transcript memoranda, notices posted on the first floor of Johnston Hall, on the Web, and announcements to academic departments. To appear on the Dean’s List, students must complete at least 12 credits of A-F registration, with no N’s, and earn a semester GPA of at least 3.67.

If students believe they qualify for the list but are not included, they should contact the CLA Assistant Dean for Student Services office in 106 Johnston Hall (612-625-3846).

International Programs

CLA credit for study abroad may be earned through independent study or a variety of formal programs. See information on international opportunities in the General Information section of this catalog or contact the Learning Abroad Center, 230 Heller Hall (612-626-9000).

Career Information

CLA Career Services

135 Johnston Hall (612-624-7577) www.cclc.umn.edu

Students get a tremendous head start by developing career management skills and experiences while they’re in school. CCLC’s Johnston Hall office helps CLA students relate their academic interests to major and career options as well as to specific career goals. CCLC provides this assistance in the form of individual advising and a resource room full of information for students to explore. These resources focus on majors, graduate school, job-search skills, job and internship opportunities (including on-campus recruiting events), and community involvement. CCLC provides 2-credit career classes as well as individual workshops on résumé writing, interviewing, job-hunting, networking, and law school exploration. CCLC sponsors an annual “Job and Internship Fair,” and provides an online job database that enables students to post résumés and browse a wide variety of job, internship, and volunteer listings. Students are encouraged to use these services and resources throughout their college career.

Graduate and Professional School Assistance

Many CLA graduates choose to attend graduate or professional school. CCLC helps students explore graduate school options, provides workshops on how to apply, and offers the annual “Graduate and Professional School Day” event, in which some 100 graduate programs participate. To facilitate the graduate school application process, CCLC offers a “Recommendation Letter Files” service for students actively applying to schools. CCLC is also the pre-law advising office for all students on the Twin Cities campus, and can help them explore the legal profession and prepare for and apply to law school.

Student Organization

Student Board

12 Johnston Hall (612-626-0348, clasb@umn.edu, www.tc.umn.edu/~clasb/)

The College of Liberal Arts Student Board (CLA-SB) is the college’s student governance body. The board is the official channel through which recommendations from the CLA student body are brought to the college. CLA-SB also represents students with seats on many committees and deals with nomination or election of students to seats on many others. These governing councils and committees collectively deal with virtually all aspects of CLA policy.

One primary responsibility of CLA-SB is to maintain contact with department student organizations.

All students are encouraged to participate in the operations of the board and to contribute to decisions affecting the college. The board is composed of elected and appointed members. The board recognizes and practices affirmative action.
Directory

Department of African American & African Studies
808 Social Sciences Building
612-624-9847

Department of American Indian Studies
2 Scott Hall
612-624-1338

Department of American Studies
104 Scott Hall
612-624-4190

Department of Anthropology
395 Hubert H. Humphrey Center
612-625-3400

Department of Art
E201 Regis Center for Art
612-625-8096

Department of Art History
338 Heller Hall
612-624-4500

Asian American Studies
104 Scott Hall
612-624-2022

Department of Asian Languages and Literatures
453 Folwell Hall
612-625-6534

Center for Austrian Studies
314 Social Sciences Building
612-624-9811

Department of Chicano Studies
19 Scott Hall
612-624-6309

Classical Civilization Program
245 Nicholson Hall
612-625-7565

Department of Classical and Near Eastern Studies
245 Nicholson Hall
612-625-5353

Center for Cognitive Sciences
205 Elliott Hall
612-625-9367

Department of Communication Studies
225 Ford Hall
612-624-5800

Department of Cultural Studies and Comparative Literature
235 Nicholson Hall
612-624-8999

Center for Early Modern History
715 Social Sciences Building
612-625-6303

Department of Economics
1035 Heller Hall
612-625-6353

Department of English
207 Lind Hall
612-625-3363

European Studies Consortium
214 Social Sciences Building
612-625-1856

Center for Advanced Feminist Studies
425 Ford Hall
612-624-6310

Department of French and Italian
260 Folwell Hall
612-624-4308

Department of Geography
414 Social Sciences Building
612-625-6080

Department of German, Scandinavian, and Dutch
205 Folwell Hall
612-625-2080

Institute for Global Studies
214 Social Sciences Building
612-624-9007

Center for German and European Studies
309 Social Sciences Building
612-626-7705

Modern Greek Studies
325 Social Sciences Building
612-624-4526

Department of History
614 Social Sciences Building
612-624-2800

Center for Holocaust and Genocide Studies
100 Nolte Center for Continuing Education
612-626-2235

Humanities Program
831 Heller Hall
612-625-6365

Immigration History Research Center
311 Anderson Library
612-625-4800

Individualized Degree Programs
345 Fraser Hall
612-624-8006

Institute for Advanced Study
131 Nolte Center for Continuing Education
612-625-5054

Humanities Institute
131 Nolte Center for Continuing Education
612-625-5054

Center for Jewish Studies
131 Nolte Center for Continuing Education
612-625-5054

Humanities Institute
131 Nolte Center for Continuing Education
612-625-5054

Center for Medieval Studies
302 Nolte Center for Continuing Education
612-625-0805

Center for Interdisciplinary Studies of Writing
227 Lind Hall
612-625-5355

School of Journalism and Mass Communication
111 Murphy Hall
612-625-9824

Minnesota Journalism Center
115 Murphy Hall
612-626-1723

Silha Center for the Study of Media Ethics and Law
421 Murphy Hall
612-625-3421

Institute for New Media Studies
313 Murphy Hall
612-625-0576

Center for Advanced Research on Language Acquisition
1313 5th Street S.E., Minneapolis
612-627-1870

Language Center
110 Jones Hall
612-625-3800

Institute of Linguistics, ESL, and Slavic Languages and Literatures
214 Nolte Center for Continuing Education
612-624-3331

MacArthur Interdisciplinary Program on Peace and International Cooperation
260 Social Sciences Building
612-624-0832

School of Music
200 Ferguson Hall
612-624-5093

Department of Philosophy
831 Heller Hall
612-625-6636

Minnesota Center for Philosophy of Science
746 Heller Hall
612-625-6635

Center for Political Psychology
1227 Social Sciences Building
612-624-0864

Department of Political Science
1414 Social Sciences Building
612-624-4144

Department of Psychology
N218 Elliott Hall
612-625-2818

Religious Studies Program
245 Nicholson Hall
612-625-2026

Social Science Research Facility
25 Blegen Hall
612-625-8556

Department of Sociology
909 Social Sciences Building
612-624-4300

Life Course Center
1014 Social Sciences Building
612-624-6333

Department of Spanish and Portuguese Studies
51 Folwell Hall
612-625-5858

Department of Speech-Language-Hearing Sciences
115 Shevlin Hall
612-624-3322

School of Statistics
315 Ford Hall
612-625-8046

Statistical Consulting Services
146 Classroom-Office Building
612-625-7030

Statistical Clinic
146 Classroom Office Building
612-625-3121

Department of Theatre Arts and Dance
580 Rarig Center
612-625-6699

Dance Program
Barbara Barker Dance Center
612-624-5060

University Theatre
110 Rarig Center
612-625-5380

Urban Studies Program
348 Social Sciences Building
612-626-1626

Department of Women’s Studies
425 Ford Hall
612-624-6006

Student Board
12 Johnston Hall
612-626-6348
College of Liberal Arts

Degree Programs and Minors

Acting B.F.A.

*Theatre Arts and Dance*

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 78.

Degree: Bachelor of Fine Arts.

The B.F.A. in acting is an intensive, individualized, actor training program that uses both faculty from theatre and dance as well as the Guthrie Theater’s professional artistic staff to provide selected students with the physical, vocal, emotional, and intellectual skills to realize the dynamics of performing text of classic stature. Students are encouraged to design their individual paths toward artistic fulfillment. The goal is to provide the foundation that inspires students to begin life-long journeys of learning and artistic expression.

Admission Requirements

Entry into the B.F.A. acting program is by audition only and students are admitted only in fall semester.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

**Freshman Courses**

- TH 1391 - BFA Acting I (3.0 cr)
- TH 1392 - BFA Voice and Speech I (2.0 cr)
- TH 1393 - BFA Movement I (2.0 cr)
- TH 3503 - Design and Technical Production I: BFA (3.0 cr)
- TH 3513 - Design and Technical Production I (4.0 cr)
- TH 1395 - BFA Acting II (3.0 cr)
- TH 1396 - BFA Voice and Speech II (2.0 cr)
- TH 1397 - BFA Movement II (2.0 cr)
- ENGL 1181W - Introduction to Shakespeare, LIT, WI (4.0 cr)
- TH 3505 - Design and Technical Production II: BFA (3.0 cr)
- TH 3515 - Design and Technical Production II (4.0 cr)

**Sophomore Courses**

- TH 2391 - BFA Acting III (3.0 cr)
- TH 2392 - BFA Voice and Speech III (2.0 cr)
- TH 2393 - BFA Movement III (2.0 cr)
- TH 3171 - History of the Theatre: Ancient Greece Through Neo-Classicism (3.0 cr)
- TH 2395 - BFA Acting IV (3.0 cr)
- TH 2396 - BFA Voice and Speech IV (2.0 cr)
- TH 2397 - BFA Movement IV (2.0 cr)
- TH 3172 - History of the Theatre: Age of Enlightenment to Present (3.0 cr)

**Junior Courses**

Fall semester of the junior year is in the-study abroad program.

- TH 3391 - BFA Acting V (3.0 cr)
- TH 3392 - BFA Voice and Speech V (2.0 cr)
- TH 3393 - BFA Movement V (2.0 cr)
- TH 3395 - BFA Intensive I (2.0 cr)
- TH 3398 - BFA Rehearsal & Performance I (2.0 cr)
- TH 3399 - BFA Rehearsal and Performance II (2.0 cr)
- TH 4532 - Makeup for the Actor (2.0 cr)
- Movement elective

**Senior Courses**

- TH 4391 - BFA Intensive II (2.0 cr)
- TH 4393 - BFA Rehearsal and Performance III (2.0 cr)
- TH 4394 - BFA Rehearsal and Performance IV (2.0 cr)
- Movement elective
- TH 4395 - BFA Intensive III (2.0 cr)
- TH 4398 - BFA Rehearsal and Performance V (2.0 cr)
- TH 4399 - BFA Rehearsal and Performance VI (2.0 cr)
- Movement elective
- TH 4177W - Survey of Dramatic Literature I: Strategic Interpretation, WI (3.0 cr)
- or TH 4178W - Survey of Dramatic Literature II: Representation and its Effects, WI (3.0 cr)
- 2 Theatre Department electives should be taken over the course of 4 years

African American and African Studies B.A.

*African American/African Studies*

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 30 to 36.

Degree: Bachelor of Arts.

The African American & African Studies major integrates the global study of African peoples by teaching students the tools of inquiry from the liberal arts disciplines. Majors can also take courses in the departmental curriculum that fulfill the University-wide Diversified Core Requirements and the Designated Theme Requirements (see One Stop under registration for more information). Honors and Freshman Seminars are also offered. The core requirement for the major is a combination of courses from one of three disciplinary clusters or two regional concentrations. These include (1) the literatures and arts of the African world (2) the histories and historiography of the African world, and (3) social and behavioral science perspectives on the African world; (4) the african continent and (5) the African Diaspora.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of Arabic, French, German, Hausa, Dutch, Portuguese, Spanish or Swahili.

Students complete 9 credits in the following areas; one ways of knowing course, one history of the field course, and one 3xxx, 4xxx, or 5xxx statistics or field method course approved by the undergraduate adviser; 6-9 AFRO upper division credits in each
of the three areas of thematic concentration; literature and the arts, history, social and behavioral science; AFRO 3251W (3 credits); 3 credit capstone seminar AFRO 4573 or other 4xxx level seminar; 3 credit senior project thesis.

**Required Courses**

AFRO 1012 - Black Worlds in Global Perspective: Challenges and Changes (3.0 cr)

**Major Requirements**

The following 1xxx level courses are not required for upper division courses, but students are strongly encouraged to complete depending on their declared disciplinary focus:

AFRO 1009, 1011, and 1021

AFRO 4105 - Ways of Knowing (3.0 cr)

AFRO 4557 - History of the Field (3.0 cr)

**Statistics or Field Methods**

AFRO 5551 - Methods: Use of Oral Traditions as Resources for History (3.0 cr)

or PSY 4801 - Introduction to Statistics (4.0 cr)

or SOC 3801W - Sociological Research Methods, WI (4.0 cr)

or SOC 3811 - Basic Social Statistics, MATH (4.0 cr)

or STAT 3011 - Introduction to Statistical Analysis, MATH (4.0 CR)

**Gender Issues**

AFRO 3251W - Sociological Perspectives on Race, Class and Gender, CD, SSCI, WI (3.0 cr)

or AFRO 3592W - Introduction to Black Women Writers in the United States, CD, LIT, WI (3.0 cr)

or AFRO 3625 - Black Women Writers in the Diaspora (3.0 cr)

or AFRO 3626 - Literature of African American Men: Sex, Family, and Relationships (3.0 cr)

**Senior Project**

Students complete one AFRO 4xxx level capstone seminar and two senior thesis project courses. The senior thesis project courses cannot be taken concurrently.

AFRO 4991W - Thesis Research and Writing, WI (2.0 cr)

AFRO 4992 - Thesis (1.0 cr)

AFRO 4xxx

**Disciplinary Clusters or Regional Concentrations**

Depending on the specific focus students are encouraged to take the following 1xxx level courses: AFRO 1009, AFRO 1011, AFRO 1021.

**History**

Take 9 or more credit(s) from the following: AFRO 1009 is not required for upper level courses, but students are strongly encouraged to complete it if they are concentrating in History.

AFRO 1009 - History of Women in Africa: 1500 to the Present, HP (3.0 cr)

AFRO 3001 - West African History: Early Times to 1800, HP< IP (3.0 cr)

AFRO 3002 - West African History: 1800 to Present, HP, IP (3.0 cr)

AFRO 3120 - Social and Intellectual Movements in the African Diaspora (3.0 cr)

AFRO 3204 - History of South Africa from 1910, HP (3.0 cr)

AFRO 3205 - History of South Africa from 1910, HP (3.0 cr)

AFRO 3431 - Early Africa and Its Global Connections, HP, IP (4.0 cr)

AFRO 3432 - Modern Africa in a Changing World, HP, IP (4.0 cr)

AFRO 3436 - Historical Background to Contemporary African Conflicts: Case Studies (3.0 cr)

AFRO 3437 - History of East Africa (3.0 cr)

AFRO 3439 - Popular Narratives of the African Past (3.0 cr)

AFRO 3511

AFRO 3756 - Social and Cultural History of Blacks in Sports (3.0 cr)

AFRO 3864 - African American History: 1619 to 1865, CD, HP (4.0 cr)

AFRO 3866 - The Civil Rights and Black Power Movement, 1954-1984, C/PE, CD (3.0 cr)

AFRO 4001 - Seminar: History of Women in South Africa (3.0 cr)

AFRO 5437 - History of East Africa (3.0 cr)

**Literature and the Arts**

Take 9 or more credit(s) from the following:

AFRO 3108 - Black Music: A History of Jazz, CD, OH (3.0 cr)

AFRO 3112 - In the Heart of the Beat: the Poetry of Rap (3.0 cr)

AFRO 3301 - The Music of Black Americans, CD, OH (3.0 cr)

AFRO 3578 - Arts of Africa (3.0 cr)

AFRO 3585 - African American Art, CD, OH (3.0 cr)

AFRO 3592W - Introduction to Black Women Writers in the United States, CD, LIT, WI (3.0 cr)

AFRO 3625 - Black Women Writers in the Diaspora (3.0 cr)

AFRO 3626 - Literature of African American Men: Sex, Family, and Relationships (3.0 cr)

AFRO 3601 - Introduction to African Literature

AFRO 3628 - Literature of Rebellion: the Amistad and other Revolts (3.0 cr)

AFRO 3634 - Blues & Rhythm and Blues (3.0 cr)

AFRO 3654 - African Cinema, IP, OH (4.0 cr)

AFRO 4302H - Honors: Women’s Personal Narratives, H (3.0 cr)

AFRO 5181 - Blacks in American Theatre (3.0 cr)

AFRO 5182 - Contemporary Black Theatre: 1960-Present (3.0 cr)

AFRO 5593 - The African American Novel (3.0 cr)

AFRO 5597 - Seminar: Harlem Renaissance (3.0 cr)

AFRO 5598 - Seminar: Black Arts Renaissance, 1960s and 1970s (3.0 cr)

AFRO 5655 - African American Cinema, CD, OH (3.0 cr)

**Social and Behavioral Sciences, Public Policy/Development**

Take 9 or more credit(s) from the following: AFRO 1011 and 1021 are not required for upper level courses, but students are strongly encouraged to complete one if they are concentrating in Social and Behavioral Sciences, Public Policy/Development.

AFRO 1011 - Introduction to African American Studies, C/PE, CD (4.0 cr)

AFRO 1021 - Introduction to Africa, IP (4.0 cr)

AFRO 3061 - The Black Family, CD, SSCI, (3.0 cr)

AFRO 3072 - Racism: Social and Psychological Consequences for Black Americans, CD (3.0 cr)

AFRO 3141 - Africa, ENV, IP, 3.0 (cr)

AFRO 4351W - Sociological Perspectives on Race, Class, and Gender, CD, SSCI, WI (3.0 cr)

AFRO 3334 - Black Women: Interdisciplinary Perspectives (4.0 cr)

AFRO 3543 - Psychology and the Black American Experiencee, CD (3.0 cr)

AFRO 3405 - The African American Child, CD (3.0 cr)

AFRO 4231 - The Color of Public Policy: African Americans, American Indians, and Chicanos in the United States (3.0 cr)

AFRO 5072 - Racism: Social and Psychological Consequences for Black Americans (3.0 cr)

AFRO 5405 - The African American Child (3.0 cr)

**Africa**

Take 9 or more credit(s) from the following: AFRO 1009 and 1021 are not required for upper level courses, but students are strongly encouraged to complete one if they are concentrating in Africa and Development.

AFRO 1009 - History of Women in Africa: 1500 to the Present, HP (3.0 cr)

AFRO 1021 - Introduction to Africa, IP (4.0 cr)

AFRO 3001 - West African History: Early Times to 1800, HP, IP (3.0 cr)

AFRO 3002 - West African History: 1800 to Present, HP, IP (3.0 cr)

AFRO 3003 - History of South African to 1910, HP (3.0 cr)

AFRO 3005 - History of South Africa from 1910, HP (3.0 cr)

AFRO 3431 - Early Africa and Its Global Connections, HP, IP (4.0 cr)

AFRO 3432 - Modern Africa in a Changing World, HP, IP (4.0 cr)

AFRO 3436 - Historical Background to Contemporary African Conflicts: Case Studies (3.0 cr)

AFRO 3437 - History of East Africa (3.0 cr)

AFRO 3439 - Popular Narratives of the African Past (3.0 cr)

AFRO 3511

AFRO 3756 - Social and Cultural History of Blacks in Sports (3.0 cr)

AFRO 3864 - African American History: 1619 to 1865, CD, HP (4.0 cr)

AFRO 3866 - The Civil Rights and Black Power Movement, 1954-1984, C/PE, CD (3.0 cr)
American Indian Studies B.A.

American Indian Studies
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 33.
Degree: Bachelor of Arts.
American Indian studies is dedicated to advancing awareness and understanding of the histories and contemporary experiences of American Indian people. The program focuses on the native peoples of the United States and Canada, but also draws on the experiences of indigenous peoples from other parts of the world. This multidisciplinary field looks at the histories, cultures, arts, languages, literatures, philosophies, religions, economies, politics, and legal status of indigenous peoples. The program also focuses on the many differences that have separated tribal nations as sovereign bodies and on the many similarities that unite them in common interests and causes. It gives special attention to the sovereignty of American Indian nations as this is expressed in all walks of life - from the preservation and revitalization of native languages to the protection and retention of native lands.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.

For the Language Track, the language must be Dakota or Ojibwe.

Required Courses
Preparatory Courses
AMIN 1001 - American Indian Peoples in the United States, CD, SSCI (3.0 cr)

Senior Project
AMIN 4990 - Topics in American Indian Studies (1.0-4.0 cr)
or AMIN 4991 - Independent Study (1.0-12.0 cr)

Program Sub-plans
Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

General Track
The general track is intended for majors who do not wish to complete their second language requirement in Dakota or Ojibwe.

Required Courses
Major Courses
Take 33 or more credit(s) including 5 or more sub-requirement(s) from the following:
AMIN 1002 - Indigenous Peoples in Global Perspective, SSCI, IP (3.0 cr)
or AMIN 1003 - Indigenous Peoples: a Minnesota Perspective, CD, OH (3.0 cr)

Tribal Arts and Humanities (Group A)
Take 1 or more course(s) from the following:
AMIN 3201W/3203 - American Indian Literature, CD, LIT, WI (3.0 cr)
AMIN 3301 - American Indian Philosophies, CD, OH (4.0 cr)
AMIN 3401 - American Indian Art, CD (4.0 cr)
AMIN 3601 - American Indian Oral Traditions, CD, LIT (3.0 cr)
American Indian Studies Minor

American Indian Studies

Requirements for this program are current for Fall 2006.

Required credits in this minor: 18.

American Indian studies is dedicated to advancing awareness and understanding of the histories and contemporary experiences of American Indian people. The program focuses on the native peoples of the United States and Canada, but also draws on the experiences of indigenous peoples from other parts of the world.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Minor Courses

Take 18 or more credit(s) including 2 or more sub-requirement(s) from the following:

Major Courses

Ojibwe Language Sequence

AMIN 1101 - Beginning Ojibwe I (5.0 cr)
AMIN 1102 - Beginning Ojibwe II (5.0 cr)
AMIN 3103 - Intermediate Ojibwe I (5.0 cr)
AMIN 3104 - Intermediate Ojibwe II (5.0 cr)
or

Dakota Language Sequence

AMIN 1121 - Beginning Dakota I (5.0 cr)
AMIN 1122 - Beginning Dakota II (5.0 cr)
AMIN 3123 - Intermediate Dakota I (5.0 cr)
AMIN 3124 - Intermediate Dakota II (5.0 cr)

Advanced Level Language Course

AMIN 3141 - American Indian Language Planning (3.0 cr)
or AMIN 3143 - Language in American Indian Culture and Society (3.0 cr)
AMIN 3107 - Structure of Anishinaabemowin, the Ojibwe Language (3.0 cr)
or AMIN 5107 - The Structure of Anishinaabemowin, the Ojibwe Language (3.0 cr)
AMIN 3108 - History of Anishinaabemowin, the Ojibwe Language (3.0 cr)
or AMIN 5108 - History of Anishinaabemowin, the Ojibwe Language (3.0 cr)
AMIN 3109 - Anishinaabe Literature (3.0 cr)
or AMIN 5109 - Anishinaabe Literature (3.0 cr)

Electives

Take 7 or more credit(s) from AMIN 3xxx, 4xxx, or 5xxx The senior project can be counted as part of those credits
AMIN 4991 - Independent Study (1.0-12.0 cr)

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

AMIN 3xxx
AMIN 4xxx
AMIN 5xxx

American Indian Studies

AMIN 4201 - Topics in American Indian Literature (3.0 cr)
AMIN 4301 - American Indian Intellectuals, CD (3.0 cr)
AMIN 3402 - American Indians and the Cinema, CD, OH (3.0 cr)
or AMIN 5402 - American Indians and the Cinema, CD (3.0 cr)
AMIN 5303 - American Indians and Photography (3.0 cr)
or AMIN 3303 - American Indians and Photography, CD, OH (3.0 cr)

Culture and History (Group B)

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

AMIN 3143 - Language in American Indian Culture and Society (3.0 cr)
AMIN 3701 - Ojibwe Culture and History, CD, HP (3.0 cr)
AMIN 3711 - Dakota Culture and History, CD, HP (3.0 cr)
AMIN 3713 - American Indian Communities of the Great Lakes (3.0 cr)
AMIN 3870 - Topics in American Indian History (3.0 cr)
AMIN 3871 - American Indian History: Pre-Contact to 1830, CD, HP (4.0 cr)
AMIN 3872 - American Indian History: 1830 to the Present, CD, HP (4.0 cr)
AMIN 3876 - American Indian Education (3.0 cr)
AMIN 3409 - American Indian Women: Ethnographic and Ethnohistorical Perspectives, CD, SSCI (3.0 cr)
or AMIN 5409 - American Indian Women: Ethnographic and Ethnohistorical Perspectives, CD (3.0 cr)

Political, Social, and Policy Issues (Group C)

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

AMIN 3501 - American Indian Tribal Governments and Politics, C/PE, SSCI (3.0 cr)
AMIN 3876 - American Indian Education (3.0 cr)
AMIN 4231 - The Color of Public Policy: African Americans, American Indians, and Chicanos in the United States (3.0 cr)
AMIN 4501 - Law, Sovereignty, and Treaty Rights, C/PE (3.0 cr)
AMIN 4511 - American Indian Political Economy, CD (3.0 cr)
AMIN 4515 - Contemporary American Indian Movements (3.0 cr)
AMIN 4525W - Federal Indian Policy, C/PE, WI (3.0 cr)
AMIN 3141 - American Indian Language Planning (3.0 cr)
or AMIN 5141 - American Indian Language Planning (3.0 cr)

The following courses may be taken to satisfy group requirements with the permission of the Director of Undergraduate Programs:

AMIN 4990 - Topics in American Indian Studies (1.0-4.0 cr)
AMIN 4991 - Independent Study (1.0-12.0 cr)
AMIN 4994 - Topics, Independent Study
AMIN 4996 - Directed Research or Field Study

Electives

Take 15 - 18 credit(s) from the following:

AMIN 3xxx
AMIN 4xxx
AMIN 5xxx

Students must take at least one credit of a course to fulfill their Senior Project requirement. This can be fulfilled by taking any of the following courses for credit(s) when designated to work on their senior project: 4990, 4991, 4994, 4996 or 5920.

Language Track

The language focus is designed for students who wish to deepen their understanding of the field by completing two years of either Dakota or Ojibwe.

Students must take four semesters of Dakota or Ojibwe. This will satisfy the CLA second language requirement.
American Studies B.A.

American Studies

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.
Required credits within the major: 33.
Degree: Bachelor of Arts.

American studies is an interdisciplinary and comparative study of the United States as the outcome of migration, labor accumulation, land acquisition, cultural dissemination, the implantation of U.S. laws and policies, and identity formations around gender, sexuality, and race.

As an interdisciplinary field, American studies brings the social sciences and humanities together. Students and faculty interact in a variety of academic areas, including literature, history, sociology, anthropology, geography, cultural studies, art history, urban studies, political science, and women's studies.

In addition, the Department of American Studies includes a minor in Asian American studies and cooperates with the Departments of African-American and African Studies, American Indian Studies, Chicano Studies, and Indian Studies, which makes it possible for students to concentrate their studies in one of those cultural areas.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of any second language.

Required Courses

Preparatory Courses
Take 2 or more course(s) from the following:
AMST 1xxx

Proseminar Sequence
AMST 4961 - Proseminar I (3.0 cr)
AMST 4962W - Second Proseminar in American Studies, WI (3.0 cr)

Major Courses
Complete seven upper division courses (21 credit minimum), including one course in world cultures. Up to three courses outside of AMST may be counted with the approval of the director of undergraduate studies.

World Cultures Courses
Take 6 or more course(s) from the following:
AMST 3xxx
AMST 4xxx
AMST 5xxx

American Studies Minor

American Studies

Requirements for this program are current for Fall 2006.

Required credits in this minor: 15.
American studies is an interdisciplinary and comparative study of the United States as the outcome of migration, labor accumulation, land acquisition, cultural dissemination, the implantation of U.S. laws and policies, and identity formations around gender, sexuality, and race.

As an interdisciplinary field, American studies brings the social sciences and humanities together.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Minor Courses
Take 15 or more credit(s) from the following:
AMST 3xxx
AMST 4xxx
AMST 5xxx

Ancient Mediterranean Studies B.A.

Classical and Near Eastern Studies

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.
Required credits within the major: 37 to 39.
Degree: Bachelor of Arts.

The program allows students to concentrate on literary and material remains from the Near East and the Mediterranean basin dating from ca. 3000 B.C.E. through 650 C.E. This long era of human history witnessed the development of the ancient civilizations of Mesopotamia, Israel, Egypt, Greece, and Rome—cultures, whose contributions remain fundamental to the modern western world. Students study the literature, history, and archaeology of these regions as a broad interconnected whole. They learn to evaluate and interpret a wide range of evidence from antiquity, as well as to appreciate the various methods by which meaning is extracted from the remains of other cultures and times.

Admission Requirements

Students are strongly encouraged to complete the “Preparatory Courses” requirement shown in program requirements prior to admission to the major.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of any second language.
Required Courses

Preparatory Courses

Another course may fulfill this requirement with the approval of the director of undergraduate studies.

CNES 1001 - World of the Bible: Introduction to the Bible and its Ancient Near Eastern Background, HP (3.0 cr)
or CNES 1002 - World of Greece, HP (3.0 cr)
or CNES 1003 - World of Rome, HP (3.0 cr)
or CNES 1042 - Greek and Roman Mythology, OH (4.0 cr)
or CNES 1042H - Honors Course: Greek and Roman Mythology, OH, H (4.0 cr)
or CNES 1043 - Introduction to Greek and Roman Archaeology, HP (4.0 cr)
or CNES 1044 - Introduction to Near Eastern Archaeology, HP (3.0 cr)
or CNES 1082 - Jesus in History, HP (3.0 cr)
or CNES 1082H - Honors Course: Jesus in History, HP, H (4.0 cr)
or CNES 1201 - The Bible: Context and Interpretation, LIT (3.0 cr)

Major Courses

At least 30 credits must be 3xxx courses or higher, with at least 9 credits from each of three groups. No course may be used to fulfill the credit requirement for more than one group.

Take 33 or more credit(s) from the following:

CNES 1001 - World of the Bible: Introduction to the Bible and its Ancient Near Eastern Background, HP (3.0 cr)
CNES 1044 - Introduction to Near Eastern Archaeology, HP (3.0 cr)
CNES 1202 - Prophecy in Ancient Israel (3.0 cr)
CNES 3142 - Art of Egypt, HP (4.0 cr)
CNES 3172 - Archaeology of Israel (3.0 cr)
CNES 3202 - Prophecy in Ancient Israel, LIT (3.0 cr)
CNES 3203 - The Bible: Wisdom, Poetry, and Apocalyptic, LIT (3.0 cr)
CNES 4051 - Ancient Near East and Egypt: Neolithic to 1500 BCE (3.0 cr)
CNES 4052 - Ancient Near East and Egypt: 1500 to 323 BCE (3.0 cr)
CNES 5051 - Before Herodotus: History and Historiography of Mesopotamia and the Ancient Near East (3.0 cr)
CNES 5251 - Archaeology of Herodiant Israel (3.0 cr)
CNES 5513 - Scripture and Interpretation (3.0 cr)
CNES 1082 - Jesus in History, HP (3.0 cr)
or CNES 1082H - Honors Course: Jesus in History, HP, H (4.0 cr)
or CNES 1201 - The Bible: Context and Interpretation, LIT (3.0 cr)
or CNES 3201 - The Bible: Context and Interpretation, LIT (3.0 cr)
or CNES 3072 - The New Testament, HP (3.0 cr)
or CNES 3072 - The New Testament (3.0 cr)

CNES 3502 - Ancient Israel: From Conquest to Exile, HP (3.0 cr)
or CNES 5502 - Ancient Israel: From Conquest to Exile (3.0 cr)

Take 9 or more credit(s) from the following:

CNES 1002 - World of Greece, HP (3.0 cr)
CNES 3008 - History of Ancient Art, HP, OH (4.0 cr)
CNES 3104 - Ancient Rome: Kings and Consuls, HP (3.0 cr)
CNES 3105 - Ancient Rome: The Age of Augustus, HP (3.0 cr)
CNES 3107 - Age of Constantine the Great, HP, IP (3.0 cr)
CNES 3108 - Age of St. Augustine of Hippo, HP (3.0 cr)
CNES 3162 - Roman Art and Archaeology, OH (4.0 cr)
CNES 5013 - Introduction to Roman Law (3.0 cr)
CNES 5083 - Ancient Comedy (3.0 cr)
CNES 5172 - House, Villa, Tomb: Roman Art in the Private Sphere (3.0 cr)
CNES 5182 - Art and the State: Public Art in the Roman Empire (3.0 cr)
CNES 3073 - Roman Religion and Early Christianity, HP (3.0 cr)
or CNES 5073 - Roman Religion and Early Christianity (3.0 cr)
CNES 3081W - Classical Epic in Translation, LIT, WI (3.0 cr)
or CNES 5081 - Classical Epic in Translation (3.0 cr)

Senior Project

Students should get a copy of the departmental statement on major projects from the director of undergraduate studies or department office. Students who complete a major project for another CLA major are not required to complete one for ancient Mediterranean studies.

CNES 3951W - Major Project, WI (4.0 cr)

Anthropology B.A.

Anthropology

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 35.

Degree: Bachelor of Arts.

Anthropology is the study of human beings and cultures throughout the world and through history and prehistory. Our majors emerge with a complete liberal arts education, because Anthropology is partly a natural science, partly a social science, and partly a humanistic study. In addition, anthropology is comparative. It has no boundaries! The entire world is our interest. If you major in Anthropology, you will compare and contrast the biological, social, and cultural similarities and differences of humans and their societies and develop a sophisticated understanding of the biological unity of our species. You will take courses that look at people from evolutionary, historical and cultural perspectives. You will develop critical thinking in areas of globalization, politics, race and cultural diversity. At the U of M, Anthropology majors are therefore expected to take courses in cultural, biological, archaeological and linguistic anthropologies, and are encouraged to specialize in one of these subfields by his or her junior year.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of any second language.

Required Courses

Preparatory Courses

ANTH 1001 - Human Evolution, BIOL SCI/ (4.0 cr)
ANTH 1005W - Understanding Cultures, IP, SSCI, WI (4.0 cr)
or ANTH 1005W - Introduction to Cultural Diversity and the World System, CD, WI (4.0 cr)
Major Courses

Take 2 or more course(s) from the following:
- ANTH 3001 - Introduction to Archaeology (4.0 cr)
- ANTH 3003 - Cultural Anthropology (3.0 cr)
- ANTH 3005 - Language, Culture, and Power (4.0 cr)

Electives

Students must take five electives, at least three of which must be 4xxx or 5xxx. Students who do not pursue senior project research must take six electives. Directed studies, reading, and research courses can be used to satisfy part of the elective course requirement. The combined number of directed studies, reading, and research credits that can satisfy elective requirements is normally limited to six credits. Special topics courses can be used to satisfy part of the electives requirement.

Take 2 or more course(s) from the following:
- ANTH 3xxx
- ANTH 4xxx
- ANTH 5xxx

Take 3 or more course(s) from the following:
- ANTH 4xxx
- ANTH 5xxx

Senior Project

Choose one of the following three options to complete the senior project requirement.
- ANTH 4011 - Senior Seminar (3.0 cr)
- ANTH 3913 - Senior Project Planning (1.0 cr)
- ANTH 4013 - Senior Project (3.0 cr)

Take 3 or more credit(s) from the following:
- ANTH 4xxx
- ANTH 5xxx

Anthropology Minor

Anthropology

Requirements for this program are current for Fall 2006.

Required credits in this minor: 16.

Anthropologists study human communities, near and far, past and present, and explore how seemingly unrelated aspects of a society are connected and how societies are linked to one another.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Preparatory Courses
- ANTH 1001 - Human Evolution, BIOL SCI/L (4.0 cr)
- or ANTH 1003W - Understanding Cultures, IP, SSCI, WI (4.0 cr)
- or ANTH 1005W - Introduction to Cultural Diversity and the World System, CD, IP, WI (4.0 cr)

Minor Courses

Four three-credit courses that have a common focus are required. All 3xxx or higher courses, including special topics courses, may be used to meet this requirement.

Take 12 or more credit(s) from the following:
- ANTH 3xxx
- ANTH 4xxx
- ANTH 5xxx

Architecture B.A.

Architecture

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 42.

Degree: Bachelor of Arts.

Architecture encompasses the study and creation of the buildings and environment that we inhabit. The concerns of architecture involve a wide variety of areas of study including the art of representing existing environments and proposals through drawings and models; the technology of building structure, building materials, and natural and mechanical systems; the history, theory, and art of making, using, and understanding buildings as cultural artifacts for human use; and the practice of architecture in the context of urban form and society.

Admission Requirements

Students must complete 2 courses before admission to the program.

A GPA above 2.00 is preferred for the following:
- 2.80 for students already admitted to the degree-granting college.
- 2.80 for students transferring from another University of Minnesota college.
- 2.80 for students transferring from outside the University.

Students must complete a Pre-Architecture Planning Sheet with a CLA adviser (located in CLA Society & Culture Student Community, 122 Johnston Hall, 612-624-2549; Martin Luther King Program, 19 Johnston Hall, 612-625-2300; CLA Honors Program, 115 Johnston Hall, 612-624-5522). Students must meet with a College of Architecture and Landscape Architecture undergraduate adviser in the CALA Office of Student Services (612-626-1000). Bring a copy of the completed Pre-Architecture Planning Sheet to the appointment. Students should be prepared to state the courses they will take for their concentration or minor.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Preparatory Courses
- ARCH 1281 - Design Fundamentals I (4.0 cr)
- ARCH 1401 - The Designed Environment (3.0 cr)

Program Requirements

Students are required to take 4 semester(s) of any second language.

All courses in math, physics, and English composition must be taken A-F with grades of C- or better to satisfy degree requirements and to progress in sequence courses.

During their program, students should maintain a portfolio of originals or duplicates of all freehand drawings, projects, and architecture studio designs. A portfolio is required for application to the accelerated program and the graduate professional degree program.
The accelerated status option allows students to combine the B.A with M.Arch. in six years instead of seven. See an adviser for more information.

**Required Courses**

**Math and Physics Courses**
- MATH 1142 - Short Calculus, MATH (4.0 cr)
- or MATH 1271 - Calculus I, MATH (4.0 cr)
- PHYS 1101W - Introductory College Physics I, PHYS SCI/L, WI (4.0 cr)
- or PHYS 1201W - Introductory Physics for Biology and Pre-medicine I, PHYS SCI/L, WI (5.0 cr)

**Concentration or Minor**

B.A. majors complete a concentration (18-credit minimum) of 3xxx-5xxx courses outside the major, or a minor outside the major, as a means to broaden the social, cultural, and international aspects of their interest area. Any formal University minor will satisfy this requirement. Courses for a concentration are chosen from various disciplines that affect design decisions (for example, economics, geography, housing, natural resources, and urban studies).

**Major Courses**

In addition to the required courses, students must complete 13 or more elective credits, at least four of which must be ARCH 32xx.

- ARCH 1301 - Introduction to Drawing in Architecture and Landscape Architecture, OH (4.0 cr)
- ARCH 3281 - Design Fundamentals II (4.0 cr)
- ARCH 3401W - Environmental Design and the Sociocultural Context, C/PE, WI (3.0 cr)
- ARCH 4501 - Architecture and Ecology (4.0 cr)
- ARCH 4701 - Introduction to Urban Form and Issues (3.0 cr)
- LA 3501 - Environmental Design and Its Biological and Physical Context, ENVT (3.0 cr)

**Art B.A.**

**Art**

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 38.

Degree: Bachelor of Arts.

The program provides instruction in the visual arts by emphasizing the development of visual awareness and expression through hands-on involvement in the creative process. In the preparatory studio courses, students become familiar with the various materials and concepts used to understand the nature of the visual language. Students then choose additional courses from such areas as drawing, painting, ceramics, printmaking, photography, sculpture, time and interactivity, papermaking, and book arts.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Program Requirements**

Students are required to take 4 semester(s) of any second language.

**Required Courses**

**Preparatory Courses**
- ARTS 1001W - Concepts in Visual Art, OH, WI (4.0 cr)
- ARTS 1101 - Drawing, OH (4.0 cr)
- ARTS 1301 - Sculpture, OH (4.0 cr)
- or ARTS 1801 - Ceramics, OH (4.0 cr)
- ARTS 1501 - Printmaking, OH (4.0 cr)
- or ARTS 1601 - Electronic Art, OH (4.0 cr)
- or ARTS 1701 - Photography, OH (4.0 cr)

**Major Courses**

**Take 15 or more credit(s) from the following:**
- ARTS 3xxx
- ARTS 4xxx
- ARTS 5xxx

**Take 2 or more course(s) totaling 6 or more credit(s) from the following:**
- ARTH 2xxx
- ARTH 3xxx
- ARTH 4xxx
- ARTH 5xxx

**Take no more than 3 credit(s) from the following:**
- ARTH 1xxx

**Senior Project**

- ARTS 3444 - Major Project (1.0 cr)

**Art B.F.A.**

**Art**

Requirements for this program are current for Summer 2006.

Required credits to graduate with this degree: 126.

Required credits within the major: 68.

Degree: Bachelor of Fine Arts.

The program provides in-depth instruction in the visual arts through a high concentration of coursework in the Department of Art. Admission is based on portfolio evaluation. The program is oriented toward professional practice or admission to a master’s degree program.

**Admission Requirements**

Students must complete 5 courses before applying to the program.

Art majors may apply to the B.F.A. degree program after completing the five preparatory core courses required in the major. Application is made by submitting a portfolio to a faculty committee for review. A faculty adviser is chosen upon admission to the B.F.A. program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Required Courses for Admission**

**Preparatory Courses**
- ARTS 1001W - Concepts in Visual Art, OH, WI (4.0 cr)
- ARTS 1101 - Drawing, OH (4.0 cr)
- ARTS 1301 - Sculpture, OH (4.0 cr)
Program Requirements

Students are required to take 4 semester(s) of any second language.

Students who wish to apply art courses from outside the University of Minnesota to the B.F.A. major requirements should contact the undergraduate adviser.

Required Courses

Major Courses

ARTS 5400 - Seminar: Concepts and Practices in Art (3.0 cr)
ARTS 3496 - Internship in the Arts (1.0-3.0 cr)
or ARTS 3499 - Internship at Katherine E. Nash Gallery (3.0 cr)

Take 1 or more course(s) from the following:
ARTS 3401W - Critical Theories and Their Construction From a Studio Perspective, WI (3.0 cr)
ARTH 5417 - Twentieth Century Theory and Criticism (3.0 cr)
CSDS 5301 - Society, Ideology, and the Production of Art (3.0 cr)
CSDS 5302 - Aesthetics and the Valuation of Art (3.0 cr)
CSCL 1001 - Introduction to Cultural Studies: Rhetoric, Power, Desire, CD, OH (4.0 cr)
CSCL 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
CSCL 1301W - Reading Culture: Theory and Practice, OH, WI (4.0 cr)
CSCL 3115 - Cinema and Ideology, OH (4.0 cr)
CSCL 3321W - Theories of Culture, WI (3.0 cr)
CSCL 3458W - The Body and the Politics of Representation, HP, WI (3.0 cr)
PHIL 3502W - Introduction to Aesthetics, OH, WI (3.0 cr)

Take 3 or more course(s) totaling 9 or more credit(s) from the following:
ARTS 3xxx
ARTS 4xxx
ARTS 5xxx

Take no more than 3 course(s) from the following:
ARTH 1xxx
ARTH 3xxx
ARTH 4xxx
ARTH 5xxx

Take no more than 3 course(s) from the following:
ARTH 1xxx
ARTH 2xxx
ARTH 3xxx
ARTH 4xxx
ARTH 5xxx

Take no more than 3 course(s) from the following:
ARTH 1xxx
ARTH 2xxx
ARTH 3xxx
ARTH 4xxx
ARTH 5xxx

Take 3 or more course(s) from the following:
ARTS 3xxx
ARTS 4xxx
ARTS 5xxx

Senior Project

B.F.A. candidates register with the faculty adviser and participate in a solo or small group exhibition at an adviser-approved gallery or exhibition space during the final semester.

ARTS 5444 - Bachelor of Fine Arts Exhibition (1.0 cr)

Art History B.A.

Art History

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 29.

Degree: Bachelor of Arts.

Using a wide variety of methodological approaches, art history faculty help students develop an awareness and knowledge of the visual environments from all periods of history. All 1xxx level courses and most 3xxx courses do not have prerequisites and are intended for general audiences. Students who intend to apply for graduate school are strongly encouraged to take as many 5xxx courses from as many different professors as possible.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of any second language.

The department urges majors to take courses that cover the history of art from the earliest periods through the current day, and from both western and non-western cultures. Students are also encouraged to take courses from a variety of instructors to ensure exposure to various approaches and methods.

Art Minor

Art

Requirements for this program are current for Fall 2006.

Required credits in this minor: 20.

The minor introduces students to the creative process and visual thinking required in art.
Required Courses

Studio Art Course
This course must be a hands-on course such as sculpture, drawing, photography, or printmaking, rather than an art history course.

Take 4 or more credit(s) from the following:
ARTS 1xxx

Major Courses
The adviser and director of undergraduate studies work closely with majors to ensure that programs are not narrowly constructed. ARTH 3933/5993, ARTH 5994, ARTH 3975, and S-N credits may not be used to fulfill major requirements. One ARTH 1xxx course may be substituted for a 3xxx or 4xxx course.

Take 5 or more course(s) from the following:
ARTH 3xxx
ARTH 4xxx

Take 2 or more course(s) from the following:
ARTH 5xxx

Senior Project
Before the end of the junior year, students select a “project” course with permission from the course instructor. The student completes a research paper for the course. The next semester, the student registers in ARTH 3971W or ARTH 3971V and under the instructor’s supervision develops the paper into the major project.
ARTH 3971W - Major Project, WI (1.0 cr)
ARTH 3971V-Honors Project, WI (3.0 cr)

Art History Minor
Requirements for this program are current for Fall 2006.
Required credits in this minor: 14.
Using a wide variety of methodological approaches, art history faculty help students develop an awareness and knowledge of the visual environments from all periods of history.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Minor Courses
Take at least three ARTH 3xxx courses. One ARTH 1xxx course may be substituted for a 3xxx course. ARTH 3933/5993, ARTH 5994, ARTH 3975, and S-N credits may not be used to fulfill minor requirements.

Electives
Take 1 or more course(s) from the following:
ARTH 5xxx

Asian American Studies Minor
Requirements for this program are current for Fall 2006.
Required credits in this minor: xx.
The Asian American Studies minor focuses on the history, politics, and culture of Americans of Asian descent. The courses are designed to help students explore the diversity of Asian American communities, and the history and present conditions of racial formation in the United States and other parts of the Americas. The minor draws from courses in a number of disciplines and academic approaches, and encourages social awareness, critical thinking, the development of new perspectives, and artistic appreciation.

Courses included in the minor allow students to develop their knowledge of Asian American issues in many different contexts. Some courses emphasize an in-depth study of Asian American history, literature and culture, social issues, politics, and psychology. Other courses include significant attention to Asian American Studies topics in the course of broader discussions.

Electives
Courses used to fulfill the minor courses requirement cannot also be used to fulfill the elective requirement. In addition to the required core course, four courses from a list of approved courses, which include the following: A maximum of eight credits of elective courses may be earned from a single department. NOTE: These courses will be approved for the minor only if they are taught by AAS faculty.
AAS/AFRO 4231 - The Color of Public Policy
AAS 3270/ALL 3270 - Service Learning in the Asian Community
AAS 3920/ALL 3900 - Topics in Asian Literature and Culture
ALL 3001 - Reading Asian Cultures (3.0 cr)
AMST 3113W: America’s Diverse Cultures
AMST 3114 - America in International Perspective: Post-1965 Immigration (3.0 cr)
ANTH 4047 - Anthropology of American Culture (3.0 cr)
ENGL 4232 - American Drama by Writers of Color (3.0 cr)
HIST 3822 - 20th Century U.S. History, 1945-present (3.0 cr)
HIST 3875 - Comparative Race and Ethnicity in U.S. History (3.0 cr)
LING 3707 - Ethnic Bilingualism in the United States, CD (3.0 cr)
SOC 3211W - American Race Relations, CD, SSCI, WI (3.0 cr)
SOC 3251W - Race, Class, and Gender, CD, SSCI, WI (3.0 cr)
WOST 4103 - International Feminist Theories (3.0 cr)

Asian Languages and Literatures

B.A.

Asian Languages and Literatures
Requirements for this program are current for Summer 2006.
Required credits to graduate with this degree: 120.

Required credits within the major: 35.

Degree: Bachelor of Arts.

Asia is an increasingly important part of world politics, economics, and culture. The program prepares students to interact with the people and cultures of Asia.

Students in the program study an Asian language—Chinese, Hindi, Hmong, Japanese, Korean—as well as methods of literary and cultural analysis. The language study provides advanced spoken and written skills that allow students direct access to the people and cultures of Asia, where over half the world’s population lives. The analytical courses give a theoretically
sophisticated understanding of the rich literary and cultural texts, from the accepted literary canon to popular culture and film.

The major has six concentrations—Chinese, Hindi, Hmong, Japanese, Korean—each of which introduces a broad range of language, literary, and cultural texts. Along with concentration courses, students may take related electives outside the department and during study abroad. The concentrated study in upper level courses, leads to the senior project. Study abroad is strongly encouraged and can contribute credit to the major.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

Students are required to take a total of 6 semester(s) of Chinese, Hindi/Urdu, Japanese, or Korean. Two semesters must be advanced language courses.

Students choosing a classical track do so in consultation with the director of undergraduate studies. Students with advanced ability in the language may substitute 5xxx ALL courses to meet this requirement.

**Chinese**

CHN 3031 - Advanced Modern Chinese (4.0 cr)
CHN 3032 - Advanced Modern Chinese (4.0 cr)

or

**Hindi/Urdu**

HNDI 4161 - Advanced Hindi (4.0 cr)
HNDI 4162 - Advanced Hindi (4.0 cr)

or

**Japanese**

JPN 3031 - Third-Year Japanese (4.0 cr)
JPN 3032 - Third-Year Japanese (4.0 cr)

or

**Korean**

KOR 3031 - Third Year Korean (4.0 cr)
KOR 3032 - Third Year Korean (4.0 cr)

**Major Courses**

One course must be a 5xxx course. Only one course must be modern. One course must be classical. One course must be ALL 5001, one 1xxx ALL course may be applied.

*Take 4 or more course(s) from the following:*

ALL 1xxx
ALL 2xxx
ALL 3xxx
ALL 4xxx
ALL 5xxx

**Electives**

Courses in the arts, humanities, or social sciences may include ALL courses, non-ALL courses, study abroad courses, and transfer courses. Courses may not include 2-credit classes, with the exception of 1- or 2-credit study abroad courses approved by the director of undergraduate studies. Consult an adviser for appropriate course options.

Two courses in the arts, humanities or social sciences.

**Senior Project**

Undertaken with a faculty adviser. Registration must be with instructor permission. May be taken alone or with an upper division ALL course in the senior year. May be a 20-25 page paper, a creative project, or a translation conceived in consultation with a faculty adviser. If taken with an upper division course, the project is 1 credit. If taken as a stand-alone course, the project is 2 credits.

ALL 4900W - Major Project, WI (1.0-2.0 cr)

**Program Sub-plans**

Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

**Chinese Literature, Culture, and Media**

If a 5xxx ALL course has not otherwise been used to meet major requirements, it must be completed as part of this track.

**Classical**

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

ALL 1335W - Chinese Ways of Living: Philosophical and Literary Approaches, OH, C/PE, WI (3.0 cr)
ALL 5232W - “Short” Poetry in China and Japan, LIT, IP, WI (3.0 cr)
ALL 5265W - The Fantastic in East Asia: Ghosts, Foxes, and the Alien, OH, WI (3.0 cr)
ALL 3333 - Gender and Sexuality in Traditional Chinese Literature (3.0 cr)
ALL 3363 - Imagined Worlds in Ming Qing China (3.0 cr)
ALL 3373 - Religion and Society in Imperial China, HP (3.0 cr)
ALL 5265 - Traditional Poetics and Aesthetics in East Asia (4.0 cr)
ALL 5343 - Lovers, Clowns, and Acrobat: An Introduction to Chinese Drama (4.0 cr)
ALL 5900 - Topics in Asian Literature (1.0-4.0 cr)

**Modern**

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

ALL 3300 - Topics in Chinese Literature (1.0-3.0 cr)
ALL 3337 - Chinese Literature and Popular Culture Today (3.0 cr)
ALL 3356W - Chinese Film, IP, OH, WI (3.0 cr)
ALL 3361W - Maps, Pictures, and Writing in the Representation of Taiwan, OH, IP, WI (3.0 cr)
ALL 3371 - History of Chinese Cities and Urban Life (3.0 cr)
ALL 5357 - Chinese Cinematic Realisms (4.0 cr)
ALL 5366 - The Nation in Modern Chinese Film and Literature (4.0 cr)

**Japanese Literature, Culture, and Media**

If a 5xxx ALL course has not otherwise been used to meet major requirements, it must be completed as part of this track.

**Classical**

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

ALL 1322W - “Short” Poetry in China and Japan, LIT, IP, WI (3.0 cr)
ALL 5265W - The Fantastic in East Asia: Ghosts, Foxes, and the Alien, OH, WI (3.0 cr)
ALL 3433W - Traditional Japanese Literature in Translation, LIT, WI (3.0 cr)
ALL 3441W - Japanese Theater, OH, WI (3.0 cr)
ALL 5265 - Traditional Poetics and Aesthetics in East Asia (4.0 cr)
ALL 5433 - Women’s Writing in Premodern Japan in Translation (4.0 cr)
ALL 3920 - Topics in Asian Culture (1.0-4.0 cr)
or ALL 5920 - Topics in Asian Culture (1.0-4.0 cr)

**Modern**

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

ALL 1441 - Popular Music and Media in Modern Japan, OH, IP (3.0 cr)
ALL 3436 - Postwar Japanese Literature in Translation (3.0 cr)
ALL 3437 - Early 20th Century Japanese Literature in Translation, LIT (3.0 cr)
ALL 3456 - Japanese Film, OH (3.0 cr)
ALL 3457 - War and Peace in Japan Through Popular Culture (4.0 cr)
ALL 5436 - Literature by 20th-Century Japanese Women in Translation (4.0 cr)
ALL 5466 - Japanese Popular Culture in a Global Context (4.0 cr)
ALL 5476 - Japanese Minority Literatures (4.0 cr)
ALL 5477 - Kurosawa, Masculinity, and Cold War (4.0 cr)
ALL 5920 - Topics in Asian Culture (1.0-4.0 cr)
ALL 3920 - Topics in Asian Culture (1.0-4.0 cr)
or ALL 5920 - Topics in Asian Culture (1.0-4.0 cr)

South Asian Literature, Culture, and Media
If a 5xxx ALL course has not otherwise been used to meet major requirements, it must be completed as part of this track.
Take 3 or more course(s) from the following:

**Classical**
Take 1 or more course(s) from the following:
ALL 3014W - Art of India, IP, OH, WI (4.0 cr)

**Modern**
Take 1 or more course(s) from the following:
ALL 3900 - Topics in Asian Literature (1.0-4.0 cr)
ALL 3637W - Modern South Asian Literature, LIT, WI (3.0 cr)
ALL 3676 - Culture and Society of India, IP, SSCI (3.0 cr)
ALL 5636 - South Asian Women Writers (4.0 cr)
ALL 5900 - Topics in Asian Literature (1.0-4.0 cr)
ALL 5920 - Topics in Asian Culture (1.0-4.0 cr)

Social Formations in Asia
If a 5xxx ALL course has not otherwise been used to meet major requirements, it must be completed as part of this track. ALL 3920 may be classical or modern depending on the topic.

**Classical**
Take 1 or more course(s) from the following:
ALL 3265W - The Fantastic in East Asia: Ghosts, Foxes, and the Alien, OH, WI (3.0 cr)
ALL 3363 - Imagined Worlds in Ming Qing China (3.0 cr)
ALL 3373 - Religion and Society in Imperial China, HP (3.0 cr)
ALL 5433 - Women's Writing in Premodern Japan in Translation (4.0 cr)

**Modern**
Take 1 or more course(s) from the following:
ALL 1275 - Buddhism in East Asia (3.0 cr)
ALL 1335W - Chinese Ways of Living: Philosophical and Literary Approaches, OH, C/PE, WI (3.0 cr)
ALL 3001 - Reading Asian Cultures (3.0 cr)
ALL 3333 - Gender and Sexuality in Traditional Chinese Literature (3.0 cr)
ALL 3371 - History of Chinese Cities and Urban Life (3.0 cr)
ALL 3457 - War and Peace in Japan Through Popular Culture (4.0 cr)
ALL 5466 - Japanese Popular Culture in a Global Context (4.0 cr)
ALL 5537 - Chinese Cinematic Realisms (4.0 cr)
ALL 5566 - The Nation in Modern Chinese Film and Literature (4.0 cr)
ALL 5477 - Kurosawa, Masculinity, and Cold War (4.0 cr)

Written Cultures in Asia
If a 5xxx ALL course has not otherwise been used to meet major requirements, it must be completed as part of this track. ALL 3900 may be classical or modern depending on the topic.

**Classical**
Take 1 or more course(s) from the following:
ALL 1335W - Chinese Ways of Living: Philosophical and Literary Approaches, OH, C/PE, WI (3.0 cr)
ALL 3232W - “Short” Poetry in China and Japan, LIT, IP, WI (3.0 cr)
ALL 3265W - The Fantastic in East Asia: Ghosts, Foxes, and the Alien, OH, WI (3.0 cr)
ALL 3333 - Gender and Sexuality in Traditional Chinese Literature (3.0 cr)
ALL 3363 - Imagined Worlds in Ming Qing China (3.0 cr)
ALL 3433W - Traditional Poetics and Aesthetics in East Asia (4.0 cr)
ALL 5574W - Representing the Past: Chinese Myth, Legend, and Ideology, WI (4.0 cr)
ALL 5433 - Women’s Writing in Premodern Japan in Translation (4.0 cr)
ALL 5920 - Topics in Asian Culture (1.0-4.0 cr)
or ALL 5920 - Topics in Asian Culture (1.0-4.0 cr)

**Modern**
Take 1 or more course(s) from the following:
ALL 11001 - Asian Film and Animation (3.0 cr)
ALL 1441 - Popular Music and Media in Modern Japan, OH, IP (3.0 cr)
ALL 3356W - Chinese Film, IP, OH, WI (3.0 cr)
ALL 3361W - Maps, Pictures, and Writing in the Representation of Taiwan, OH, IP, WI (3.0 cr)
ALL 3441W - Japanese Theater, OH, WI (3.0 cr)
ALL 3456 - Japanese Film, OH (3.0 cr)
ALL 3457 - War and Peace in Japan Through Popular Culture (4.0 cr)
ALL 3920 - Topics in Asian Culture (1.0-4.0 cr)
ALL 5537 - Chinese Cinematic Realisms (4.0 cr)
ALL 5566 - The Nation in Modern Chinese Film and Literature (4.0 cr)
ALL 5477 - Kurosawa, Masculinity, and Cold War (4.0 cr)

Visual and Aural Cultures in Asia
If a 5xxx ALL course has not otherwise been used to meet major requirements, it must be completed as part of this track.

**Classical**
Take 1 or more course(s) from the following:
ALL 3014W - Art of India, IP, OH, WI (4.0 cr)
ALL 5343 - Lovers, Clowns, and Acrobat: An Introduction to Chinese Drama (4.0 cr)

**Modern**
Take 1 or more course(s) from the following:
ALL 3001 - Reading Asian Cultures (3.0 cr)
ALL 3337 - Chinese Literature and Popular Culture Today (3.0 cr)
ALL 3361W - Maps, Pictures, and Writing in the Representation of Taiwan, OH, IP, WI (3.0 cr)
ALL 3436 - Postwar Japanese Literature in Translation (3.0 cr)
ALL 3437 - Early 20th Century Japanese Literature in Translation, LIT (3.0 cr)
ALL 3500 - Topics in Korean Literature (1.0-3.0 cr)
ALL 3637W - Modern South Asian Literature, LIT, WI (3.0 cr)
ALL 3900 - Topics in Asian Literature (1.0-4.0 cr)
ALL 5566 - The Nation in Modern Chinese Film and Literature (4.0 cr)
ALL 5567 - Literature by 20th-Century Japanese Women in Translation (4.0 cr)
ALL 5567 - South Asian Women Writers (4.0 cr)
ALL 5900 - Topics in Asian Literature (1.0-4.0 cr)

Asian Languages and Literatures Minor

**Asian Languages and Literatures**
Requirements for this program are current for Fall 2006.
Required credits in this minor: 28 to 30.
Asia is an increasingly important part of world politics, economics, and culture. The minor prepares students to interact with the people and cultures of Asia.
Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of Chinese, Hindi, Japanese, or Korean and 2 courses which must be upper division ALL designator, 6 to 8 credits total, related to the area of concentration.

Program Sub-plans
Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

Chinese Languages and Literatures
Required Courses
Chinese Language
CHN 1011 - Beginning Modern Chinese (6.0 cr)
CHN 1012 - Beginning Modern Chinese (6.0 cr)
CHN 3021 - Intermediate Modern Chinese (5.0 cr)
CHN 3022 - Intermediate Modern Chinese (5.0 cr)
Take 2 or more course(s) from the following:
ALL 3xxx
ALL 4xxx
ALL 5xxx

Japanese Languages and Literatures
Required Courses
Japanese Language
JPN 1011 - Beginning Japanese (6.0 cr)
JPN 1012 - Beginning Japanese (6.0 cr)
JPN 3021 - Intermediate Japanese (5.0 cr)
JPN 3022 - Intermediate Japanese (5.0 cr)

Korean Languages and Literatures
Required Courses
Korean Language
KOR 1011 - Beginning Korean (5.0 cr)
KOR 1012 - Beginning Korean (5.0 cr)
KOR 3021 - Intermediate Korean (5.0 cr)
KOR 3022 - Intermediate Korean (5.0 cr)

Astronomy B.A.
Astronomy
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 41.
Degree: Bachelor of Arts.
The program in astronomy develops the skills necessary to tackle complex and ill-defined problems within the physical sciences and prepares students for careers in several broad areas. The program is aimed primarily at students interested in secondary education in the physical sciences, science policy, and science and technical writing. The program can also prepare students for graduate study in astronomy.

Admission Requirements
Students must complete 7 courses before admission to the program.
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission
Mathematics
Complete one of the following course pairs.
Calculus Sequence I
MATH 1271 - Calculus I, MATH (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)
or
Calculus Sequence II
MATH 1371 - IT Calculus I, MATH (4.0 cr)
MATH 1372 - IT Calculus II (4.0 cr)
or
Calculus Honors Sequence
MATH 1571H - Honors Calculus I, MATH, H (4.0 cr)
MATH 1572H - Honors Calculus II, H (4.0 cr)
Complete one of the following course pairs.
Option I
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
MATH 2263 - Multivariable Calculus (4.0 cr)
or
Option II
MATH 2373 - IT Linear Algebra and Differential Equations (4.0 cr)
MATH 2374 - IT Multivariable Calculus and Vector Analysis (4.0 cr)
or
Honors Option
MATH 2573H - Honors Calculus III, H (4.0 cr)
MATH 2574H - Honors Calculus IV, H (4.0 cr)

Preparatory Physics
Complete one of the following sequences.
Physics Sequence
PHYS 1301W - Introductory Physics for Science and Engineering I, PHYS SCI/L, WI (4.0 cr)
PHYS 1302W - Introductory Physics for Science and Engineering II, PHYS SCI/L, WI (4.0 cr)
PHYS 2503 - Physics III: Foundations of Modern Physics (4.0 cr)
or
Physics Honors Sequence
PHYS 1401V - Honors Physics I, PHYS SCI/L, WI, H (4.0 cr)
PHYS 1402V - Honors Physics II, PHYS SCI/L, WI, H (4.0 cr)
PHYS 2403H - Honors Phys III, H (4.0 cr)

Program Requirements
Students are required to take 4 semester(s) of any second language.
AST 1011H is recommended but not required. The number of credits in the major varies by specialization but is at least 15 credits of AST courses.

Required Courses
Major Courses
Each specialization track has the same core math, physics, and astrophysics requirements. Tracks include secondary education, science writing, science policy, and scientist.
AST 2001 - Introduction to Astrophysics (4.0 cr)
Astronomy Minor

Astronomy
Requirements for this program are current for Fall 2006.
Required credits in this minor: 24.
Students in the minor learn the physical principles underlying study of the solar system, stars, galaxy, and universe and the methodology behind observations and conclusions.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements:

Required Courses
Math
MATH 1271 - Calculus I, MATH (4.0 cr)
or MATH 1281 - Calculus with Biological Emphasis I, MATH (4.0 cr)
or MATH 1371 - IT Calculus I, MATH (4.0 cr)
or MATH 1571H - Honors Calculus I, MATH, H (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)
or MATH 1282 - Calculus With Biological Emphasis II (4.0 cr)
or MATH 1372 - IT Calculus II (4.0 cr)
or MATH 1572H - Honors Calculus II, H (4.0 cr)

Physics
PHYS 1301W - Introductory Physics for Science and Engineering I, PHYS SCI/L, WI (4.0 cr)
or PHYS 1401V - Honors Physics I, PHYS SCI/L, WI, H (4.0 cr)
PHYS 1302W - Introductory Physics for Science and Engineering II, PHYS SCI/L, WI (4.0 cr)
or PHYS 1402V - Honors Physics II, PHYS SCI/L, WI, H (4.0 cr)
PHYS 2303 - Physics III: Physics of Matter (4.0 cr)
or PHYS 2503 - Physics III: Foundations of Modern Physics (4.0 cr)
or PHYS 2403H - Honors Phys III, H (4.0 cr)

Minor Courses
AST 1001 or AST 1011H is recommended but not required.
AST 2001 - Introduction to Astrophysics (4.0 cr)

Austrian and Central European Studies Minor

German, Scandinavian, and Dutch
Requirements for this program are current for Fall 2006.

Required credits in this minor: 16.
The minor allows students to focus a group of electives on the study of Austrian and Central European culture, history, and society. Courses address specific social and political circumstances, cultural traditions, and shared history of Austria and the other countries of Central Europe. The minor is supported by the Center for Austrian Studies; student exchange programs with universities in Vienna, Salzburg, and Graz; and visiting Austrian scholars sponsored by the Austrian-American Education Commission.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Credits must be completed in 3xx, 4xxx, and 5xxx courses. No more than one course may be directed or independent study. all courses in the minor must be taken on A-F grading and must be completed with a grade of C- or better. At least one course must be taken in the German program of the University of Minnesota. Students majoring in German studies may elect an ACES minor but no courses may count for both the German studies major and the Austrian studies minor. Therefore, students majoring in German studies must take one additional course to substitute for GER 3011W, which is a core requirement for both the German studies major and Austrian studies minor. The minor program must be approved by the director of undergraduate studies.

Required Courses

Minor Courses
GER 3011W - Conversation and Composition, WI (4.0 cr)
GER 3520 - Topics in Austrian and Central European Culture (3.0 cr)
Two courses in the art, culture, or literature of Austria and Central Europe. One course in the history, politics, and society of Austria and Central Europe.

Bachelor of Individualized Studies B.I.S.
Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.
Required credits within the major: 50.
Degree: Bachelor of Individualized Studies.
The program provides flexibility not available in B.A. and B.S. programs. Rather than complete a major in a single field, students focus their coursework on three areas, one of which may consist of courses from outside CLA. The areas do not have to be related to each other, but the program proposal must explain the student’s overall educational goals.
Working closely with an adviser, students develop program proposals that explain why their academic needs are best met by an individualized program and list the courses to be included. The proposal must be approved by faculty or department advisers with expertise in the areas of concentration.
Some departments and colleges have prerequisite or required courses for students who want to include in their B.I.S. program concentration areas based in those departments and colleges. For specific information on proposal procedures and on department and college guidelines, see the Individualized Degree Programs Web site http://idp.class.umn.edu.

**Admission Requirements**

For certain concentration areas, prerequisite courses must be completed before submitting a program proposal. For certain concentrations, a minimum overall GPA or a minimum tool course GPA is required before a student can submit a program proposal.

Students can declare the degree after attending an information session (held two to three times a week). Students are not approved for the degree until they have submitted a program proposal (the submission deadline is once per semester) and the proposal has been approved by a committee and faculty or department advisers.

See a BIS adviser for more information.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Program Requirements**

Students are required to take 4 semester(s) of any second language.

Students must complete at least 50 approved credits at or above 3xxx, distributed among the three concentration areas. The concentration areas may be departmental or thematic in composition, and each must include at least 15 credits. Up to 21 credits in the program may be from outside CLA.

At least 20 credits in the concentration areas must be completed after admission to the program. A maximum of 12 credits of directed studies may be included. The CLA requirement of 18 credits at or above 3xxx outside the major does not apply.

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**Biblical Studies Minor**

**Classical & Near Eastern Studies**

Requirements for this program are current for Fall 2006.

Required credits in this minor: 15.

The academic study of the Bible is an extraordinarily broad interdisciplinary field. Research in the field can involve many disciplines including a number of ancient and modern languages, archaeology, history, various social sciences (including comparative religion), and literary studies. Biblical studies focuses on the Hebrew Bible and the New Testament in terms of their formation, cultural settings, and the history of their interpretation. The minor lets students who might not have the linguistic foundation to read the biblical texts in their original languages pursue more advanced biblical studies.

**Admission Requirements**

Students must complete 2 courses before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

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**Required Courses for Admission**

**Preparatory Courses**

Students must complete the first year Greek or Hebrew to study original texts in one of those languages.

- Complete either pair of courses.
  - GRK 1001 - Beginning Classical Greek I (5.0 cr)
  - GRK 1002 - Beginning Classical Greek II (5.0 cr)
  - or
  - HEBR 1001 - Beginning Hebrew I (5.0 cr)
  - HEBR 1002 - Beginning Hebrew II (5.0 cr)

**Program Requirements**

Students are required to take 2 semester(s) of Greek or Hebrew.

**Required Courses**

**Minor Courses**

- CNES 3072 - The New Testament, HP (3.0 cr)
- Take 4 or more course(s) from the following:
  - CNES 3172 - Archaeology of Israel (3.0 cr)
  - CNES 3502 - Ancient Israel: From Conquest to Exile, HP (3.0 cr)
  - RELA 3201 - The Bible: Context and Interpretation, LIT (3.0 cr)
  - RELA 3202 - Prophecy in Ancient Israel, LIT (3.0 cr)
  - RELA 3203 - The Bible: Wisdom, Poetry, and Apocalyptic, LIT (3.0 cr)
  - CNES 5080
  - RELA 5513
  - GRK 3120

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**Biology, Society, and Environment B.A.**

**Geography**

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 68.

Degree: Bachelor of Arts.

Students in the program receive comprehensive training in biology combined with an in-depth examination of the relevance of biology to social and environmental problems. Students complete coursework in the biological sciences, social sciences, and the humanities.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Program Requirements**

Students are required to take 4 semester(s) of any second language.

**Biology Preparatory Sequences**

Choose one sequence of biology courses.

**Sequence A**

- BIOL 1001 - Introductory Biology I: Evolutionary and Ecological Perspectives, BIOL SCI/L, ENVT (4.0 cr)
- BIOL 1002W - Introductory Biology II: Molecular, Cellular, and Developmental Perspectives, WI (5.0 cr)

**Sequence B**

- BIOL 1009 - General Biology, BIOL SCI/L (4.0 cr)
- ANTH 1001 - Human Evolution, BIOL SCI/L (4.0 cr)

-OR-

- CNES 3072 - The New Testament, HP (3.0 cr)
- Take 4 or more course(s) from the following:
  - CNES 3172 - Archaeology of Israel (3.0 cr)
  - CNES 3502 - Ancient Israel: From Conquest to Exile, HP (3.0 cr)
  - RELA 3201 - The Bible: Context and Interpretation, LIT (3.0 cr)
  - RELA 3202 - Prophecy in Ancient Israel, LIT (3.0 cr)
  - RELA 3203 - The Bible: Wisdom, Poetry, and Apocalyptic, LIT (3.0 cr)
  - CNES 5080
  - RELA 5513
  - GRK 3120
or BIOL 2022 - General Botany (3.0 cr)
or PHIL 3051 - Human Physiology (4.0 cr)
or VBS 2032 - General Microbiology With Laboratory (4.0 cr)
or take one of the following pairs of courses
BIOL 2005 - Animal Diversity Laboratory (1.0 cr)
BIOL 3211 - Animal Physiology (3.0 cr)
or
BIOL 3002 - Plant Biology: Function (2.0 cr)
BIOL 3005W - Plant Function Laboratory, WI (2.0 cr)

Required Courses

BIOL 1105 - Introduction to Biology, Society, and the Environment (2.0 cr)
PHIL 1004W - Introduction to Political Philosophy, C/PE, OH, WI (4.0 cr)
PHIL 1005 - Scientific Reasoning (4.0 cr)
PHIL 3301 - Environmental Ethics, C/PE, ENVT (4.0 cr)
PHIL 3302W - Moral Problems of Contemporary Society, C/PE, OH, WI (4.0 cr)
PHIL 3304 - Law and Morality, C/PE (4.0 cr)
PHIL 1003W - Introduction to Ethics, OH, WI (4.0 cr)
or PHIL 1103 - Introduction to Ethics, OH (4.0 cr)

Chemistry, Math, and Physics

CHEM 1021 - Chemical Principles I, ENV, PHYS SCI/L (4.0 cr)
CHEM 1022 - Chemical Principles II, ENV, PHYS SCI/L (4.0 cr)
CHEM 2501 - Organic Chemistry I (3.0 cr)
MATH 1271 - Calculus I (4.0 cr)
PHYS 1201W - Introductory Physics for Biology and Pre-medicine I, PHYS SCI/L, WI (5.0 cr)

Major Courses

Take three courses from the upper division biology core list, and take two additional upper level courses in biology, psychology, anthropology, geography, mathematics, statistics, computer science, chemistry, or physics, chosen in consultation with an adviser.

Take 3 or more course(s) from the following:
BIOL 3021 - Biochemistry (3.0 cr)
BIOL 3407 - Ecology, ENV, PHYS SCI/L (3.0 cr)
BIOL 4004 - Cell Biology (3.0 cr)
BIOL 4003 - Genetics (3.0 cr)
or GCD 3022 - Genetics (3.0 cr)

Take 2 or more course(s) from the following:
ANTH 3310 - Topics in Biological and Physical Anthropology (3.0-6.0 cr)
BIOL 3021 - Biochemistry (3.0 cr)
BIOL 3407 - Ecology, ENV (3.0 cr)
BIOL 3409 - Evolution (3.0 cr)
BIOL 4004 - Cell Biology (3.0 cr)
CHEM 2302 - Organic Chemistry II (3.0 cr)
CHEM 2311 - Organic Lab (4.0 cr)
EEB 4609W - Ecosystem Ecology, WI (3.0 cr)
GCD 3022 - Genetics (3.0 cr)
GCD 4143 - Human Genetics (3.0 cr)
GEOG 3401 - Geography of Environmental Systems and Global Change, WI (4.0 cr)
INMD 3001 - Human Anatomy (3.0 cr)
MICB 3301 - Biology of Microorganisms (5.0 cr)
PHIL 3051 - Human Physiology (4.0 cr)

Theme Requirements

Some examples of thematic concentrations might be: ethics, economics and the politics of health care; the global environment; biology and the U.S. government; communicating biology to the public.

Take 5 or more course(s) from the following:
BIOL 4501 - Social Uses of Biology, C/PE (3.0 cr)
ECON 3611 - Environmental Economics, ENV (3.0 cr)
GEOG 3381W - Population in an Interacting World, IP, SSCI, WI (4.0 cr)
GEOG 3411W - Geography of Health and Health Care, ENV, IP, WI (4.0 cr)
HIST 1012W - World History: The Age of Global Contact, HP, IP, WI (4.0 cr)
HIST 1015W - Introduction to Global History Since 1950, HP, IP, WI (4.0 cr)
HSCL 3211 - Biology and Culture in the 19th and 20th Centuries, HP (3.0 cr)
HSCL 3332 - Science and American Culture, CD, HP (3.0 cr)
JOUR 3745 - Mass Media and Popular Culture, CD, SSCI (3.0 cr)
PHIL 1004W - Introduction to Political Philosophy, C/PE, OH, WI (4.0 cr)
PHIL 3234 - Knowledge and Society, CD (4.0 cr)
PHIL 3301 - Environmental Ethics, C/PE, ENV (4.0 cr)
PHIL 3302W - Moral Problems of Contemporary Society, C/PE, OH, WI (4.0 cr)
PHIL 3304 - Law and Morality, C/PE (4.0 cr)
PHIL 3305 - Medical Ethics (4.0 cr)
PHIL 3601W - Scientific Thought, OH, WI (4.0 cr)
PHIL 3602 - Science, Technology, and Society, C/PE (3.0 cr)
PHIL 3607 - Philosophy of Psychology (4.0 cr)
POL 1065 - Government and Medicine, C/PE, SSCI (3.0 cr)
POL 3441 - Politics of Environmental Protection, ENV (3.0 cr)
POL 3872W - Global Environmental Cooperation, ENV, IP, WI (4.0 cr)
PSY 5061 - Neurobiology of Behavior (3.0 cr)
PSY 5135 - Psychology of Individual Differences (3.0 cr)
PSY 5137 - Introduction to Behavioral Genetics (3.0 cr)
RHET 1152W - Writing on Issues of Science and Technology, C/PE, WI (4.0 cr)
SOC 4305 - Society and the Environment: A Growing Conflict, C/PE, ENV (3.0 cr)
STAT 3011 - Introduction to Statistical Analysis, MATH (4.0 cr)

Senior Project

The Senior Project may be fulfilled in one of three ways:
1. Register for 2 additional credits in any upper division course taken,
2. Register for 3 credits of directed research with a faculty member having special expertise in the subject of the proposed project,
3. Register for 3 credits of directed research (GEOG 3994) with the BSE Director of Undergraduate Studies.

Chemistry B.A.

Chemistry

Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 51 to 67.
Degree: Bachelor of Arts.

An active, modern program of chemical education at the undergraduate level must do more than simply train professional chemists. Chemistry, the central science, is an important component of many disciplines and should be accessible to all students seeking a liberal education. The chemistry department contributes actively to increasing the level of scientific literacy of all students. The program serves all students by recognizing different needs, interests, and career goals.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.
Chemistry Minor

Chemistry

Requirements for this program are current for Fall 2006.

Required credits in this minor: 15.

Chemistry probes the fundamental concepts of nature and helps us understand the world around us. It deals with all substances at the molecular level: their composition, their properties, and how they are transformed into new substances. Chemistry is a central science of great importance to society. It provides a broad range of opportunities in many specialized fields, including biotechnology, polymer chemistry, environmental chemistry, materials chemistry, and medicine.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Credits from seminars or special topics courses may not be applied toward the minor. A maximum of two credits of directed study may be applied. All coursework must be taken A-F with grades of at least C-. At least five credits (two courses) must be completed at the University of Minnesota, Twin Cities.

Required Courses

Minor Courses

CHEM 2301 - Organic Chemistry I (3.0 cr)
CHEM 2302 - Organic Chemistry II (3.0 cr)
CHEM 2311 - Organic Lab (4.0 cr)

Take 5 or more credit(s) from the following:
CHEM 2xxx
CHEM 3xxx
CHEM 4xxx
CHEM 5xxx

Chicano Studies B.A.

Chicano Studies

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 36.

Degree: Bachelor of Arts.

The program’s curriculum explores the dimensions of race, ethnicity, culture and identity, gender, and class in the United States, both historically and in contemporary times. Chicano studies majors take courses offered in two broadly defined fields of study, humanities and social science. Humanities content includes courses designed to increase the student’s awareness of Chicano/o culture, as well as intellectual, aesthetic, literary, historical, ethical, and human values. Social science content includes courses that analyze social institutions and how they affect the individual and also emphasize contemporary Chicano/o issues as they relate to the larger society. Areas of study include political science, anthropology, economics, sociology, and history. The bachelor of arts degree in Chicano studies is designed to meet the needs of students preparing for careers serving Chicana/o-Latina/o constituencies and to prepare students for graduate and advanced professional study in programs in which a minority affairs focus would be an asset. The program allows students the flexibility of pursuing work in related fields such as Latin American studies, Spanish studies, women’s studies, and American studies. Double majors are encouraged.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of Spanish.
Students must complete at least 120 credits to graduate, including 36 credits in the major. The 36 credits required to complete the major include 18 credits of major core requirements. Students must complete at least 15 upper division elective credits in Chicano studies. Students should confer with faculty and their major adviser to select courses intended to meet their professional goals and intellectual interests. With approval of the major adviser, three upper division credits related to the discipline may be taken outside the department and counted towards the major. CHIC 1112 is foundational and should be completed during the first or second year. Courses at 3xxx offer more focused opportunities to examine history, society, culture, literature, and gender. Majors must also complete a senior paper.

**Required Courses**

**Major Courses**

CHIC 3212 - Chicana Studies: La Chicana In Contemporary Society, CD, SSCI (3.0 cr)

CHIC 3446 - Chicana and Chicano History II: WWII, El Movimiento, and the New Millennium, CD, HP (3.0 cr)

CHIC 4900W - Proseminar: Senior Project, WI (1.0 cr)

CHIC 4901W - Senior Project, WI (2.0 cr)

CHIC XXXX - One Community Studies Theme course (3.0 cr)

CHIC XXXX - One Literary and Cultural Studies Theme course (3.0 cr)

**Community Studies Theme**

CHIC 3275 - Service Learning in the Chicano/Latino Community, CD, C/PE (3.0 cr)

or CHIC 3374/5574 - Migrant Farmworkers in the U.S.: Families, Work, and Advocacy, SSCI, CD (3.0 cr)

or CHIC 3672 - Chicana/o Experience in the Midwest, CD (3.0 cr)

or CHIC 3712 - Chicana/os: Psychological Perspectives, CD, SSCI (3.0 cr)

or CHIC 3752 - Chicanas and Chicanos in Contemporary Society, SSCI, CD (3.0)

or CHIC 4275 - Theory in Action: Community Engagement in a Social Justice Framework, C/PE (3.0 cr)

**Gender and Sexuality Theme**

CHIC 4232 - Chicana/o Latina/o Gender and Sexuality Studies, CD (3.0 cr)

**History and Politics Theme**

CHIC 3444 - Chicana and Chicano History; 1821-1945, CD, HP (3.0 cr)

or CHIC 3352 - Transnational Chicana/o Theory: Global Views/Borderland Spaces, SSCI, IP (3.0 cr)

or CHIC 3452 - Xicana/Indigena Studies: History, Culture, and Politics, SSCI, CD (3.0 cr)

or CHIC 3852 - Chicana/o Politics, SSCI, CD (3.0 cr)

or CHIC 4231 - The Color of Public Policy, (3.0 cr)

or CHIC 4310/5310 - Chicanas/os and the Law, (3.0 cr)

or CHIC 3752 - Chicanas and Chicanos in Contemporary Society, SSCI, CD (3.0 cr)

**Literary and Cultural Studies Theme**

CHIC 3213 - Chicana/o Music and Art, CD, OH (3.0 cr)

or CHIC 3221 - Chicano Cultural Studies: Barrio Aesthetics and the Aesthetics of Everyday Life, OH, CD (3.0 cr)

or CHIC 3223 - Chicana/o and Latina/o Representation in Film, OH, CD (3.0 cr)

or CHIC 3375 - Folklore of Greater Mexico, CD (3.0 cr)

or CHIC 3507 Introduction to Chicana/o Literature, CD, LIT,WI (3.0 cr)

or CHIC 4401 - Advanced Seminar in Chicana/Latina Cultural Studies, CD (3.0 cr)

**Electives**

*Take 15 or more credit(s) from the following:*

CHIC 1102 - Latinos In the U.S.: Culture and Citizenship, CD, HP (3.0 cr)

CHIC 3xxx

CHIC 4xxx

CHIC 5xxx

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**Chicano Studies Minor**

**Chicano Studies**

Requirements for this program are current for Fall 2006.

Required credits in this minor: 18.

Degree: Bachelor of Arts

The program’s curriculum explores the dimensions of race and ethnicity, class, culture and identity, and gender and sexuality both historically and in contemporary times, as they shape and influence the lived experience of people of Mexican descent in the United States. Chicano studies courses are offered in two broadly defined fields of study, Humanities and Social Science. Humanities content includes courses designed to increase the student’s awareness of Chicano/a culture, as well as intellectual, aesthetic, literary, historical, ethical, and human values. Social Science content includes courses which analyze social institutions and how they affect the individual and also emphasize contemporary Chicano/a issues as they relate to inter- and intracultural relationships.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Program Requirements**

**Required Courses**

The minor requires 18 credits: 9 credits of core requirements and nine additional elective credits.

**Core Requirements**

CHIC 1112 - Introduction to Chicana/o Studies: Critical Paradigms, CD, HP (3.0 cr)

CHIC 3212 - La Chicana, CD (3.0 cr)

CHIC 3446 - Chicana/o History II: WWII, El Movimiento, and the New Millennium, CD, HP (3.0 cr)

**Program Requirements**

**Required Courses**

The minor requires 18 credits: 9 credits of core requirements and nine additional elective credits.

**Core Requirements**

CHIC 1112 - Introduction to Chicana/o Studies: Critical Paradigms, CD, HP (3.0 cr)

CHIC 3212 - La Chicana, CD (3.0 cr)

CHIC 3446 - Chicana/o History II: WWII, El Movimiento, and the New Millennium, CD, HP (3.0 cr)

**Additional Requirements:** nine credits distributed as follows: three credits from Literary and Cultural Studies Theme, three credits from Community Studies Theme, and three additional credits of your own choosing. Community Studies Theme

CHIC 3275 - Service Learning in the Chicano/Latino Community CD, C/PE (3.0 cr)

or CHIC 3374/5574 - Migrant Farmworkers in the U.S.: Families, Work, and Advocacy, SSCI, CD (3.0 cr)

or CHIC 3672 - Chicana/o Experience in the Midwest, CD, SSCI (3.0 cr)

or CHIC 3712 - Chicana/os: Psychological Perspectives, CD, SSCI, CD (3.0 cr)

or CHIC 4275 - Theory in Action: Community Engagement in a Social Justice Framework, C/PE (3.0 cr)

**Gender and Sexuality Theme**

CHIC 4232 - Chicana/o Latina/o Gender and Sexuality Studies, CD (3.0 cr)

**History and Politics Theme**

CHIC 3444 - Chicana and Chicano History; 1821-1945, CD, HP (3.0 cr)

or CHIC 3352 - Transnational Chicana/o Theory: Global Views/Borderland Spaces, SSCI, IP (3.0 cr)

or CHIC 3452 - Xicana/Indigena Studies: History, Culture, and Politics, SSCI, CD (3.0 cr)

or CHIC 3852 - Chicana/o Politics, SSCI, CD (3.0 cr)

or CHIC 4231 - The Color of Public Policy, (3.0 cr)

or CHIC 4310/5310 - Chicanas/os and the Law, (3.0 cr)

**Literary and Cultural Studies Theme**

CHIC 3213 - Chicana/o Music and Art, CD, OH (3.0 cr)

or CHIC 3221 - Chicano Cultural Studies: Barrio Aesthetics and the Aesthetics of Everyday Life, OH, CD (3.0 cr)

or CHIC 3223 - Chicana/o and Latina/o Representation in Film, OH, CD (3.0 cr)

or CHIC 3375 - Folklore of Greater Mexico, CD (3.0 cr)

or CHIC 3507 Introduction to Chicana/o Literature, CD, LIT,WI (3.0 cr)

or CHIC 4401 - Advanced Seminar in Chicana/Latina Cultural Studies, CD (3.0 cr)

**Electives**

*Take 15 or more credit(s) from the following:*

CHIC 1102 - Latinos In the U.S.: Culture and Citizenship, CD, HP (3.0 cr)

CHIC 3xxx

CHIC 4xxx

CHIC 5xxx
Literary and Cultural Studies
CHIC 3213 - Chicana/o Music & Art, CD, OH (3.0)
CHIC 3221 - Chicano Cultural Studies: Barrio Aesthetics and the Aesthetics of Everyday Life, CD, OH (3.0 cr)
or CHIC 3223 - Chicana/o and Latina/o Representation in Film, OH, CD (3.0 cr)
or CHIC 3375 - Folklore of Greater Mexico, CD (3.0)
or CHIC 3507 - Introduction to Chicana/o Literature, CD, LIT, WI (3.0 cr)
or CHIC 4401 - Advanced Seminar in Chicana/Latina Cultural Studies, CD (3.0 cr)

Social/Personality and Cognitive Development
CPSY 4331 - Social and Personality Development (4.0 cr)
CPSY 4343 - Cognitive Development (4.0 cr)

Electives
CPSY 3301 may not be used to fulfill the elective requirement.

Take 4 or more course(s) totaling 16 or more credit(s) from the following:
CPSY 3xx
CPSY 4xx
CPSY 5xx

Final Project
CPSY 4347W - Senior Project, WI (2.0 cr)

Child Psychology B.S.
Institute of Child Development

Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 40 to 42.
Degree: Bachelor of Science.

Child Psychology deals with behavioral development from the prenatal period to maturity in the areas of cognition, ethology, genetics, language, learning, perception, and social behavior. The Institute of Child Development, housed in the College of Education and Human Development, offers a bachelor of arts, a bachelor of science, and a minor in child psychology through the College of Liberal Arts. All undergraduate child psychology courses are considered CLA courses and count toward the CLA graduation requirements.

The program prepares students for graduate study in psychology, education, medicine, law, sociology, and other behavioral sciences. Majors may not receive a second major or degree in psychology nor apply psychology, educational psychology, or child and adolescent psychiatry credits to the minimum 18 upper-level credits required outside the major. These credits fall neither inside or outside the major.

Admission Requirements
Students must complete 2 courses before admission to the program.

An introduction to psychology course must be completed before admission into the major. Students may formally declare the major with CPSY 2301 or CPSY 3301 in progress.
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission
Preparatory Courses
CPSY 2301 - Introductory Child Psychology, SSCI (4.0 cr)
or CPSY 3301 - Introductory Child Psychology for Social Sciences (4.0 cr)
GC 1281 - General Psychology, SSCI (4.0 cr)
or PST 1001 - Introduction to Psychology, SSCI (4.0 cr)

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses
Research and Statistical Methods
CPSY 3308 - Introduction to Research Methods in Child Psychology (4.0 cr)
EPSY 3264 - Basic and Applied Statistics, MATH (3.0 cr)
or SOC 3811 - Basic Social Statistics, MATH (4.0 cr)
or STAT 3011 - Introduction to Statistical Analysis, MATH (4.0 cr)

College of Liberal Arts
Institute of Child Development

Degree Programs

Preparatory Courses
CPSY 2301 - Introductory Child Psychology, SSCI (4.0 cr)
or CPSY 3301 - Introductory Child Psychology for Social Sciences (4.0 cr)
GC 1281 - General Psychology, SSCI (4.0 cr)
or PST 1001 - Introduction to Psychology, SSCI (4.0 cr)

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses
Research, Statistical, and Evaluation Methods
CPSY 3308 - Introduction to Research Methods in Child Psychology (4.0 cr)
EPSY 3264 - Basic and Applied Statistics, MATH (3.0 cr)
or SOC 3811 - Basic Social Statistics, MATH (4.0 cr)
or STAT 3011 - Introduction to Statistical Analysis, MATH (4.0 cr)
Classical and Near Eastern Archaeology B.A.

Classical and Near Eastern Studies

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 36.

This program requires summer terms.

Degree: Bachelor of Arts.

This major allows students to concentrate their studies on the material remains from the ancient civilizations of Greece, Rome, Egypt, and Biblical lands from ca. 3000 B.C.E. through 650 C.E. The program includes courses from classical and near eastern studies, anthropology, art history, geography, geology, and history.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of Greek, Hebrew, or Latin.

Required Courses

Preparatory Courses

Required Courses

Minor Courses

Major Courses

Five courses must be taken from Groups 1-3, with at least one course from each group. Remaining courses may be selected from courses in Groups 1-3 not used to fulfill the five-course requirement, from courses in the preparatory course list that are not used to fill that requirement, from selected courses in anthropology, or from any 3xxx-5xxx course in CNES or RELA. Course selections are subject to the approval of the director of undergraduate studies.
Take 8 or more course(s) totaling 24 or more credit(s).

Take 5 or more course(s) including 3 or more sub-requirement(s) from the following:

**Group 1 - The Classical World**

Take 1 or more course(s) from the following:
- CNES 5111 - Prehistoric Art and Archaeology of Greece (3.0 cr)
- CNES 5112 - Archaic and Classical Greek Art (3.0 cr)
- CNES 5103 - Hellenistic and Early Roman Art and Archaeology (3.0 cr)
- CNES 5108 - Greek Architecture (3.0 cr)
- CNES 5172 - House, Villa, Tomb: Roman Art in the Private Sphere (3.0 cr)
- CNES 5182 - Art and the State: Public Art in the Roman Empire (3.0 cr)

**Group 2 - The Near East**

Take 1 or more course(s) from the following:
- CNES 3142 - Art of Egypt, HP (4.0 cr)
- CNES 3172 - Archaeology of Israel (3.0 cr)

**Group 3 - Field/Lab Work**

Take 1 or more course(s) from the following:
- ANTH 4069 - Environmental Archaeology, SSCI, ENVT (3.0 cr)
- CNES 3340 - Practicum in Archaeological Field and Computer Techniques (3.0 cr)
- CNES 5120 - Field Research in Archaeology (3.0-6.0 cr)
- CNES 5340 - Practicum in Archaeological Field and Computer Techniques (3.0 cr)

**Electives**

Take 0 - 3 course(s) from the following:
- ANTH 3009 - Rise of Civilization, IP, SSCI (3.0 cr)
- ANTH 3027W - Archaeology of Prehistoric Europe, WI (3.0 cr)
- ANTH 3028 - Introduction to Historical Archaeology (3.0 cr)
- ANTH 4069 - Environmental Archaeology, SSCI, ENVT (3.0 cr)
- ANTH 5027W - Origins of European Civilization, WI (3.0 cr)
- CNES 3xxx
- CNES 4xxx
- CNES 5xxx
- RELA 3xxx
- RELA 4xxx
- RELA 5xxx

**Senior Project**

Students who complete another CLA major may substitute 4 credits of appropriate coursework at 3xxx or above for the CNES senior project.

- CNES 3951W - Major Project, WI (4.0 cr)

### Classical and Near Eastern Archaeology Minor

**Requirements for this program are current for Fall 2006.**

Required credits in this minor: 16.

The minor allows students to concentrate their studies on the material remains from the ancient civilizations of Greece, Rome, Egypt, and Biblical lands from ca. 3000 B.C.E through 650 C.E. The minor includes courses from the Departments of Classical and Near Eastern Studies, Anthropology, Art History, Geography, Geology, and History.
**Classical Civilization B.A.**

*Classical and Near Eastern Studies*

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 36.

Degree: Bachelor of Arts.

This interdisciplinary program encompasses the study of Greek and Roman cultures and their influence on Western civilization, and encourages study of related or parallel cultures such as those of Islam and the Indian subcontinent. It provides a comprehensive alternative to more specialized majors that focus primarily on one aspect or subject matter of classical antiquity and the spheres of its influence, such as art, archaeology, history, philosophy, or literature, or a narrower span of historical periods.

The program enables students to investigate classical civilization and its heritage from several perspectives and become acquainted with the aims and methods of several disciplines.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

Students are required to take 4 semester(s) of Greek or Latin.

Eight of the twelve approved courses (24 of 36 credits in the major) must be 3xxx or higher. Two of the courses must have the CLCV designator. All courses must be chosen in consultation with an adviser and approved by the department.

**Required Courses**

**Language and Literature**

Take three courses in the language and literature of the classical world.

**Art, Art History, and Archaeology**

Take 3 courses focusing on the art, art history, and archaeology of the classical world.

**Thought and Religion**

Take 3 courses on the thought and religions of the classical world.

**Classical Traditions**

Take 3 courses on classical traditions.

**Electives**

Take 2 to 4 related elective courses.

**Senior Project**

The senior project is defined by the student in consultation with an adviser. Students may register for one to three credits of directed study while working on the project, but they are not required to do so.

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**Classical Civilization Minor**

*Classical and Near Eastern Studies*

Requirements for this program are current for Fall 2006.

Required credits in this minor: 15.

This interdisciplinary program encompasses the study of Greek and Roman cultures and their influence on Western civilization and encourages study of related or parallel cultures such as those of Islam and the Indian subcontinent.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

Students are required to take 2 semester(s) of Greek, Latin.

**Required Courses**

**Preparatory Courses**

Complete one year of courses (or the equivalent) plus one culture course in either Greek or Latin.

**Greek**

- GRK 1001 - Beginning Classical Greek I (5.0 cr)
- GRK 1002 - Beginning Classical Greek II (5.0 cr)

**Latin**

- LAT 1001 - Beginning Latin I (5.0 cr)
- LAT 1002 - Beginning Latin II (5.0 cr)

**Minor Courses**

- One course in the culture of the country or countries that used the chosen language.
- One classical language and literature course, chosen with the guidance of a faculty adviser.
- One course in classical art, art history, and archaeology, chosen with the guidance of a faculty adviser.
- One course in classical thought and religion, chosen with the guidance of a faculty adviser.
- One course in classical traditions, chosen with the guidance of a faculty adviser.

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**Communication Studies B.A.**

*Communication Studies*

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 34.

Degree: Bachelor of Arts.

This program examines human communication using humanistic and social -scientific methods. Fields of study include speechmaking, rhetorical criticism, ethics, interpersonal, small group, organizational, intercultural, and electronic (broadcasting, cable, satellite, Internet) forms of communication. Students intending to declare a major must meet with a communication studies adviser in 278 Ford Hall. Students are strongly encouraged to declare their major during the first or second year.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

Students are required to take 4 semesters of any second language.
Required Courses

Required Introductory Courses
COMM 1101 - Introduction to Public Speaking (3.0 cr)
COMM 1313W - Analysis of Argument, WI (3.0 cr)

Required Core Courses
Take 2 or more course(s) from the following:
COMM 3211 - Introduction to U.S. Electronic Media (3.0 cr)
COMM 3401 - Introduction to Communication Theory (3.0 cr)
COMM 3601 - Introduction to Rhetorical Theory, C/PE (3.0 cr)

Required Performative Elective
COMM 3201 - Introduction to Electronic Media Production (4.0 cr)
or COMM 3411 - Introduction to Small Group Communication (3.0 cr)
or COMM 3422 - Interviewing and Communication (3.0 cr)
or COMM 3605W - Persuasive Speaking and Speech Writing, WI (3.0 cr)
or COMM 3990 - Research Practicum (1.0-3.0 cr)
or COMM 4452W - Intercultural Interaction: Theory and Application, WI (3.0 cr)
Required 4xxx or 5xxx Communication Studies Elective (3.0 cr)

Required Senior Paper
The senior paper can be written in any 4xxx or 5xxx communication studies course. COMM 3995W, an S-N only, senior paper credit must be taken during the same semester in which the senior paper is written.
COMM 3995W - Major Project, WI (1.0 cr)

Communication Studies Electives
In addition to the above requirements, take any other 3xxx, 4xxx, or 5xxx communication studies electives to reach the 18 total credits required to complete the major.

Communication Studies Minor

Communication Studies
Requirements for this program are current for Fall 2006.
Required credits in this minor: 18.
The minor’s courses examine human communication, using humanistic and social-scientific methods. Fields of study include speechmaking, rhetorical criticism, ethics, and interpersonal, small group, organizational, intercultural, and electronic (broadcasting, cable, satellite, Internet) forms of communication. Students intending to declare a minor must meet with a communication studies adviser in 278 Ford Hall.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Introductory Course
COMM 1101 - Introduction to Public Speaking (3.0 cr)
or COMM 1313W - Analysis of Argument, WI (3.0 cr)

Required Core Courses
Take 2 or more course(s) from the following:
COMM 3211 - Introduction to U.S. Electronic Media (3.0 cr)
COMM 3401 - Introduction to Communication Theory (3.0 cr)
COMM 3601 - Introduction to Rhetorical Theory, C/PE (3.0 cr)
Required 4xxx or 5xxx Communication Studies Elective (3.0 cr)

Communication Studies Electives (6.0 cr)
In addition to the above requirements, take any other 3xxx, 4xxx, or 5xxx communication studies electives to reach the 18 total credits required to complete the minor.

Computer Science B.A.

Computer Science and Engineering
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 41.
Degree: Bachelor of Arts.

Computer science concerns the study of the hardware, software, and theoretical aspects of high-speed computing devices and the application of these devices to a broad spectrum of scientific, technological, and business problems. The curriculum gives students a basic understanding of computer science. After completing a required set of fundamental courses, students can arrange their subsequent work around one of several emphases within computer science. The program prepares student for a variety of industrial, governmental, and business positions involving the use of computers or for graduate work in the field.

Admission Requirements
Students must complete 6 courses before admission to the program.
Freshmen and transfer students are usually admitted to pre-major status before admission to this major.
A GPA above 2.00 is preferred for the following:
- 2.40 for students already admitted to the degree-granting college.
- 2.40 for students transferring from another University of Minnesota college.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Mathematics and Computer Science
CSCI 1901 - Structure of Computer Programming I (4.0 cr)
CSCI 1902 - Structure of Computer Programming II (4.0 cr)
CSCI 2011 - Discrete Structures of Computer Science (4.0 cr)
MATH 1271 - Calculus I, MATH (4.0 cr)
or MATH 1371 - IT Calculus I, MATH (4.0 cr)
or MATH 1571H - Honors Calculus I, MATH, H (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)
or MATH 1372 - IT Calculus II (4.0 cr)
or MATH 1572H - Honors Calculus II, H (4.0 cr)
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
or MATH 2373 - IT Linear Algebra and Differential Equations (4.0 cr)
or MATH 2573H - Honors Calculus III, H (4.0 cr)

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses

Major Courses
The computer science senior project can be fulfilled by completing CSCI 3081W.
Electives
No more than three credits from CSCI 4970 or 59xx courses can be used to fulfill the elective requirement of nine credits.

Take 9 or more credit(s) from the following:
CSCI 4xxx
CSCI 5xxx

Computer Science Minor
Requirements for this program are current for Fall 2006.
Required credits in this minor: 15 to 20.
The minor consists of at least five three- or four-credit approved computer science courses, with three taken at the University with the CSCI designator.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
At least one course must be 5xxx. All courses must be taken A-F, and only courses completed with a grade of at least C- count toward the minor. Cumulative GPA for all University CSCI courses must be at least 2.00; this includes CSCI courses not used for the minor. Only computer science courses listed for the major are acceptable.

Cultural Studies and Comparative Literature B.A.

Cultural Studies and Comparative Literature
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 32.
Degree: Bachelor of Arts.

Courses in the Department of Cultural Studies and Comparative Literature (CSCL) pursue questions and ways of knowing that cross traditional disciplinary boundaries. Students study culture as a set of complex connections and interrelations: between texts and everyday life, ideas and the material world, discourse and power. Students may choose between two tracks, cultural studies and comparative literature, each of which explores these overarching concerns with specific emphasis.

Both tracks strive for a broad, international scope, ranging widely across history and geography. The central focus is on the cultural mechanisms through which a society’s ways of knowing, value systems, and individual and collective identities are generated, disseminated, challenged, and reinvented. The goal of the program is to produce critical and self-critical readers prepared to actively participate in the intellectual conversations and social struggles that shape global culture in our time.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.
Students select either the comparative literature or cultural studies track and complete a minimum of ten courses for the major: two introductory (1xxx) courses plus seven at upper division levels. To allow for flexibility, the tenth course may be taken at any level. A senior project requirement may be satisfied by completing any 4xxx or 5xxx course. CSCL, CSDS, CLIT topology courses and independent/directed study courses may be used to meet stated 3xxx-5xxx requirements with adviser approval. Courses from other units may be substituted (on an ad hoc basis) for department major courses if approved by the student’s adviser or the director of undergraduate studies. Grades in the major must be C- or better.

Program Sub-plans
Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

Comparative Literature
The comparative literature track engages primarily verbal texts, “literature” in its broadest sense (novels, plays, poetry, prose, and expository writing of various kinds), and in a historical and global context.

Required Courses
Preparatory Courses
CSCL 1101 - Literature, IP, LIT (4.0 cr)
or CSCL 1401W - Reading Literature: Theory and Practice, IP, LIT, WI (4.0 cr)
CSCL 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
or CSCL 1501W - Reading History: Theory and Practice, HP, WI (4.0 cr)
or CSCL 1921 - Introduction to Film Study, OH (4.0 cr)

Major Courses
Take five 3xxx courses, including at least one from either Subjectivity and History or Ideologies and Disciplines.

CSCL 3179 - Reading Literary Movements, LIT (3.0 cr)
CSCL 3557 - Close Reading (3.0 cr)
CSCL 3771 - Basic Concepts of Literary Study, LIT (3.0 cr)
CSCL 3xxx

Take 1 or more course(s) including 1 or more sub-requirement(s) from the following:

Subjectivity and History
Take 0 or more course(s) from the following:
CSCL 3421 - Culture and the Production of Modern Identity I: 1600-1750, HP (3.0 cr)
CSCL 3422 - Culture and the Production of Modern Identity II: 1750-1900, HP (3.0 cr)
CSCL 3456W - Sexuality and Culture, CD, WI (3.0 cr)
CSCL 3458W - The Body and the Politics of Representation, HP, WI (3.0 cr)
CSCL 3461 - Monsters, Robots, Cyborgs, LIT (3.0 cr)
CSCL 3472 - Gay Men and Homophobia in American Culture, CD, HP (3.0 cr)
GER 3631 - Jewish Writers and Rebels in German, Austrian, and American Culture, IP, LIT (3.0 cr)

Ideologies and Disciplines
Take 0 or more course(s) from the following:
CSCL 3115 - Cinema and Ideology, OH (4.0 cr)

Electives
No more than three credits from CSCI 4970 or 59xx courses can be used to fulfill the elective requirement of nine credits.

Take 9 or more credit(s) from the following:
CSCI 4xxx
CSCI 5xxx

Cultural Studies and Comparative Literature Minor
Requirements for this program are current for Fall 2006.
Required credits within the minor: 15 to 20.
The minor consists of at least five three- or four-credit approved culture courses, with three taken at the University with the CI designator.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
At least one course must be 5xxx. All courses must be taken A-F, and only courses completed with a grade of at least C- count toward the minor. Cumulative GPA for all University CSCI courses must be at least 2.00; this includes CSCI courses not used for the minor. Only culture courses listed for the major are acceptable.

Comparative Literature
The comparative literature track engages primarily verbal texts, “literature” in its broadest sense (novels, plays, poetry, prose, and expository writing of various kinds), and in a historical and global context.

Required Courses
Preparatory Courses
CSCL 1101 - Literature, IP, LIT (4.0 cr)
or CSCL 1401W - Reading Literature: Theory and Practice, IP, LIT, WI (4.0 cr)
CSCL 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
or CSCL 1501W - Reading History: Theory and Practice, HP, WI (4.0 cr)
or CSCL 1921 - Introduction to Film Study, OH (4.0 cr)

Major Courses
Take five 3xxx courses, including at least one from either Subjectivity and History or Ideologies and Disciplines.

CSCL 3179 - Reading Literary Movements, LIT (3.0 cr)
CSCL 3557 - Close Reading (3.0 cr)
CSCL 3771 - Basic Concepts of Literary Study, LIT (3.0 cr)
CSCL 3xxx

Take 1 or more course(s) including 1 or more sub-requirement(s) from the following:

Subjectivity and History
Take 0 or more course(s) from the following:
CSCL 3421 - Culture and the Production of Modern Identity I: 1600-1750, HP (3.0 cr)
CSCL 3422 - Culture and the Production of Modern Identity II: 1750-1900, HP (3.0 cr)
CSCL 3456W - Sexuality and Culture, CD, WI (3.0 cr)
CSCL 3458W - The Body and the Politics of Representation, HP, WI (3.0 cr)
CSCL 3461 - Monsters, Robots, Cyborgs, LIT (3.0 cr)
CSCL 3472 - Gay Men and Homophobia in American Culture, CD, HP (3.0 cr)
GER 3631 - Jewish Writers and Rebels in German, Austrian, and American Culture, IP, LIT (3.0 cr)

Ideologies and Disciplines
Take 0 or more course(s) from the following:
CSCL 3115 - Cinema and Ideology, OH (4.0 cr)
CSCL 3176 - Oppositional Cinemas, IP, OH (4.0 cr)
CSCL 3361 - Visions of Nature: The Natural World and Political Thought, C/PE, ENVT (4.0 cr)
CSCL 3366W - Landscape, Nature, Society, ENVT, WI (3.0 cr)
CSCL 3979 - Issues in Cultural Pluralism, C/PE, CD (3.0 cr)

Electives
Take 1 or more course(s) from the following:
CSCL 1xxx
CSCL 2xxx
CSCL 3xxx
CSCL 4xxx
CSCL 5xxx
Take 2 or more course(s) from the following:
CSCL 4xxx
CSCL 5xxx

Cultural Studies

The cultural studies track investigates practices in all available media, including the visual-spatial (painting, sculpture, architecture, landscape, the built environment), the sonoric (music, noise, soundscape), and combinations (film, TV, multimedia events, festivals, riots).

Required Courses

Preparatory Courses
CSCL 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
or CSCL 1501W - Reading History: Theory and Practice, HP, WI (4.0 cr)
or CSCL 1921 - Introduction to Film Study, OH (4.0 cr)
CSCL 1301W - Reading Culture: Theory and Practice, OH, WI (4.0 cr)
or CSCL 1001 - Introduction to Cultural Studies: Rhetoric, Power, Desire, CD, OH (4.0 cr)

Major Courses
Take 3 or more course(s) including 3 or more sub-requirement(s) from the following:

Discursive Practices and Genres
Take 0 or more course(s) from the following:
CSCL 3172 - Music as Discourse, OH (3.0 cr)
CSCL 3173W - The Rhetoric of Everyday Life, C/PE, OH, WI (3.0 cr)
CSCL 3174 - Poetry as Cultural Critique (3.0 cr)
CSCL 3175 - Comedy: Text and Theory, OH (3.0 cr)
CSCL 3177 - On Television (4.0 cr)
CSCL 3179 - Reading Literary Movements, LIT (3.0 cr)

Subjectivity and History
Take 0 or more course(s) from the following:
CSCL 3421 - Culture and the Production of Modern Identity I: 1600-1750, HP (3.0 cr)
CSCL 3422 - Culture and the Production of Modern Identity II: 1750-1900, HP (3.0 cr)
CSCL 3456W - Sexuality and Culture, CD, WI (3.0 cr)
CSCL 3458W - The Body and the Politics of Representation, HP, WI (3.0 cr)
CSCL 3461 - Monsters, Robots, Cyborgs, LIT (3.0 cr)
CSCL 3472 - Gay Men and Homophobia in American Culture, CD, HP (3.0 cr)
GER 3631 - Jewish Writers and Rebels in German, Austrian, and American Culture, IP, LIT (3.0 cr)

Ideologies and Disciplines
Take 0 or more course(s) from the following:
CSCL 3115 - Cinema and Ideology, OH (4.0 cr)
CSCL 3176 - Oppositional Cinemas, IP, OH (4.0 cr)
CSCL 3361 - Visions of Nature: The Natural World and Political Thought, C/PE, ENVT (4.0 cr)

CSCL 3366W - Landscape, Nature, Society, ENVT, WI (3.0 cr)
CSCL 3979 - Issues in Cultural Pluralism, C/PE, CD (3.0 cr)

Critical Theories and Methods
Take 0 or more course(s) from the following:
CSCL 3321W - Theories of Culture, WI (3.0 cr)
CSCL 3331 - Science and the Humanities, C/PE, OH (3.0 cr)
CSCL 3412W - Psychoanalysis and Literature Part I: The Essential Freud, WI (3.0 cr)
CSCL 3413W - Psychoanalysis and Literature Part II: Post Freudian Criticism, WI (3.0 cr)
CSCL 3557 - Close Reading (3.0 cr)
CSCL 3771 - Basic Concepts of Literary Study, LIT (3.0 cr)

Electives
Take 1 or more course(s) from the following:
CSCL 1xxx
CSCL 2xxx
CSCL 3xxx
CSCL 4xxx
CSCL 5xxx

Cultural Studies and Comparative Literature Minor

Cultural Studies and Comparative Literature

Requirements for this program are current for Fall 2006.

Required credits in this minor: 17 to 18.

Courses in the Department of Cultural Studies and Comparative Literature (CSCL) pursue questions and ways of knowing that cross traditional disciplinary boundaries. Students study culture as a set of complex connections and interrelations: between texts and everyday life, ideas and the material world, discourse and power.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Preparatory Courses
CSCL 1001 - Introduction to Cultural Studies: Rhetoric, Power, Desire, CD, OH (4.0 cr)
or CSCL 1101 - Literature, IP, LIT (4.0 cr)
or CSCL 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
or CSCL 1301W - Reading Culture: Theory and Practice, OH, WI (4.0 cr)
or CSCL 1401W - Reading Literature: Theory and Practice, IP, LIT, WI (4.0 cr)
or CSCL 1501W - Reading History: Theory and Practice, OH, WI (4.0 cr)
or CSCL 1921 - Introduction to Film Study, OH (4.0 cr)

Minor Courses
Take 14 or more credit(s) from the following:
CSCL 3xxx
CSCL 4xxx
CSCL 5xxx
Dance B.A.

**Theatre Arts and Dance**

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.
Required credits within the major: 45.
Degree: Bachelor of Arts.

Admission into the B.A. program is by audition only.

The B.A. in dance emphasizes general dance studies. This degree prepares the student for further studies in such areas of dance as performance, choreography, dance history, criticism, ethnology, pedagogy, movement analysis, and kinesiology.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

Students are required to take 4 semester(s) of any second language.

**Required Courses**

**Major Core**

Students must take 2 credits (two courses at 1 credit each) of DNCE 3700 or 5700.
DNCE 1601 - Dance Improvisation (1.0 cr)
DNCE 1626 - Music for Dance (3.0 cr)
DNCE 3010 - Modern Dance Technique 5 (2.0 cr)
DNCE 3020 - Modern Dance Technique 6 (2.0 cr)
DNCE 3401W - Dance History 1, OH, WI (3.0 cr)
DNCE 3402W - Dance History 2, IP, OH, WI (3.0 cr)
DNCE 3601 - Dance Composition 1 (3.0 cr)
DNCE 3602 - Dance Composition 2 (3.0 cr)
DNCE 3901 - Survival Strategies in Dance (3.0 cr)
DNCE 4443 - Philosophy and Aesthetics (3.0 cr)
DNCE 4601 - Dance Composition 3 (3.0 cr)

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

DNCE 3700 - Performance (1.0 cr)
DNCE 5700 - Performance (1.0 cr)

**Electives**

Electives may be fulfilled by courses in such areas as dance, music, theatre, art history, kinesiology, cultural studies, speech communications, women’s studies, as agreed upon between the student and dance adviser. No more than 3 credits in technique may be counted.

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

DNCE 3xxx
DNCE 4xxx
DNCE 5xxx

**Senior Seminar**

DNCE 4901 - Senior Seminar (2.0 cr)

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Dance B.F.A.

**Theatre Arts and Dance**

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.
Required credits within the major: 78.
Degree: Bachelor of Fine Arts.

The B.F.A. in dance emphasizes technical, compositional, and performance training in modern dance. The program seeks to prepare the gifted student for a performance or creative career.

**Admission Requirements**

Admission into the B.F.A. program is by audition only.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

**Required Courses**

**Major Core**

Students must take 4 credits of DNCE 3700/5700. All students (except those who have completed the CLA second language requirement) must complete the dance ethnology sequence.
DNCE 1601 - Dance Improvisation (1.0 cr)
DNCE 1626 - Music for Dance (3.0 cr)
DNCE 3010 - Modern Dance Technique 5 (2.0 cr)
DNCE 3020 - Modern Dance Technique 6 (2.0 cr)
DNCE 3110 - Ballet Technique 5 (2.0 cr)
DNCE 3120 - Ballet Technique 6 (2.0 cr)
DNCE 3210 - Jazz Technique 5 (1.0 cr)
DNCE 3220 - Jazz Technique 6 (1.0 cr)
DNCE 3401W - Dance History 1, OH, WI (3.0 cr)
DNCE 3402W - Dance History 2, IP, OH, WI (3.0 cr)
DNCE 3433 - Articulate Body (3.0 cr)
DNCE 3601 - Dance Composition 1 (3.0 cr)
DNCE 3602 - Dance Composition 2 (3.0 cr)
DNCE 3621 - Dance Production I (2.0 cr)
DNCE 3622 - Dance Production II (2.0 cr)
DNCE 3901 - Survival Strategies in Dance (3.0 cr)
DNCE 4443 - Philosophy and Aesthetics (3.0 cr)
DNCE 4601 - Dance Composition 3 (3.0 cr)
DNCE 4602 - Dance Composition 4 (3.0 cr)
DNCE 5010 - Modern Dance Technique 7 (2.0 cr)
DNCE 5020 - Modern Dance Technique 8 (2.0 cr)
DNCE 5601 - Dance Composition 5 (1.0 cr)
DNCE 5858 - Teaching Dance (4.0 cr)

**Take 4 or more course(s) from the following:**

DNCE 3700 - Performance (1.0 cr)
DNCE 5700 - Performance (1.0 cr)

**Complete a 2 credit world dance technique elective in consultation with an adviser.**
DNCE 3487W - Ethnic Dance Traditions in American Society, CD, WI (3.0 cr)

**Electives**

18 credits fulfilled by courses in such areas as music, theatre, art history, kinesiology, cultural studies, speech communications, and women’s studies, as agreed upon between students and their dance advisers. No more than 6 credits should be in technique.

**Senior Seminar**

DNCE 4901 - Senior Seminar (2.0 cr)
Dutch Minor

German, Scandinavian, and Dutch

Requirements for this program are current for Fall 2006.

Required credits in this minor: 15.

The minor includes study of the spoken language, literature, culture, and civilization.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Take at least 15 credits in 3xxx, 4xxx beyond 4004, and 5xxx courses. Only one course may be directed or independent study. All courses in the minor must be taken A-F and be completed with a grade of at least C-. At least one course must be taken at the University of Minnesota Dutch studies program. The program must be approved by the director of undergraduate studies and may include courses in other departments (e.g., Art History, History).

Required Courses

Minor Courses
DTCH 3011 - Conversation and Composition (3.0 cr)
DTCH 3012 - Conversation and Composition (3.0 cr)
Take 9 or more credit(s) from the following:
DTCH 3xxx
DTCH 4xxx
DTCH 5xxx

East Asian Studies Minor

Institute for Global Studies

Requirements for this program are current for Fall 2006.

Required credits in this minor: 19 to 23.

Students take four semesters of an East Asian language and four East Asian culture courses. Additional information may be found at http://igs.cla.umn.edu.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of Chinese, Japanese, or Korean.

Courses must be drawn from at least three different departments. A maximum of 3 credits may be in directed studies or directed research. All courses must be taken A-F, with a grade of at least C. The program must be approved by the global studies adviser.

Required Courses

Preparatory Courses
Chinese
CHN 1011 - Beginning Modern Chinese (6.0 cr)

Economics - Quantitative Emphasis B.A.

Economics

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 26.

Degree: Bachelor of Arts.

Economics emphasizes critical thinking and the understanding of basic economic principles. The B.A. - quantitative emphasis adds basic quantitative training (in calculus, linear algebra, and econometrics) and best suits students considering graduate work in business administration.

Students choose from courses in comparative economic systems; economic theory; econometrics; economic development; game theory; industrial organization; cost-benefit analysis; environmental, financial, international, mathematical, monetary, public, and labor economics. For more information, visit www.econ.umn.edu.

Admission Requirements

Students must complete 4 courses before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Preparatory Coursework
ECON 1101 - Principles of Microeconomics, IP, SSCI (4.0 cr)
ECON 1102 - Principles of Macroeconomics, IP, SSCI (4.0 cr)
MATH 1271 - Calculus I, MATH (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)

Japanese

JPN 1011 - Beginning Japanese (6.0 cr)
JPN 1012 - Beginning Japanese (6.0 cr)
JPN 3021 - Intermediate Japanese (5.0 cr)
JPN 3022 - Intermediate Japanese (5.0 cr)

Korean

KOR 1011 - Beginning Korean (5.0 cr)
KOR 1012 - Beginning Korean (5.0 cr)
KOR 3021 - Intermediate Korean (5.0 cr)
KOR 3022 - Intermediate Korean (5.0 cr)

Minor Courses
Students must complete five courses. GEOG/EAS 3211 may be replaced by an approved substitute.

GEOG 3211 - East Asia, IP (3.0 cr)
Take two 3xxx-5xxx courses in the humanities dealing with East Asia or a single East Asian society.

Take one 3xxx-5xxx course in social sciences or history dealing with East Asia or a single East Asian society.

EAS 3461 - Introduction to East Asia I: The Imperial Age, HP, IP (4.0 cr)
or EAS 3462 - Introduction to East Asia II: 1600-2000, HP, IP (3.0-4.0 cr)
Program Requirements

Students are required to take 4 semester(s) of any second language.

Required Courses

Major Core

ECON 3101 - Intermediate Microeconomics (4.0 cr)
ECON 3102 - Intermediate Macroeconomics (4.0 cr)
ECON 4211 - Principles of Econometrics (4.0 cr)
STAT 3021 - Introduction to Probability and Statistics (3.0 cr)
STAT 3022 - Data Analysis (4.0 cr)
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)

Major Elective Courses

One 3xxx-5xxx course must be writing intensive. ACCT 5100 or APEC 4821 can be applied toward the six total courses with adviser approval. Only one country/area study can count towards the major requirement.

Take 12 or more credit(s) from the following:
ECON 3xxx
ECON 4xxx
ECON 5xxx

Final Project

ECON 3951 - Major Project Seminar (2.0 cr)
or ECON 3991 - Independent Study (1.0-3.0 cr)
or
The final project requirement may be fulfilled with a term paper from an upper division writing intensive (WI) course with a minimum grade of A-.
or
The final project requirement may be fulfilled with an acceptable honors projects or a thesis (up to 6 cr.).

Economics B.A.

Economics

Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 28.
Degree: Bachelor of Arts.

Economics emphasizes critical thinking and the understanding of basic economic principles. The B.A. gives students a solid background in economics, is the least quantitative of the three economics majors, and provides excellent preparation for students interested in working immediately after graduation or considering law school.

Students choose from courses in comparative economic systems; economic theory; econometrics; economic development; game theory; industrial organization; cost-benefit analysis; environmental, financial, internation, mathematical, monetary, public, and labor economics.

For more information, visit www.econ.umn.edu.

Admission Requirements

Students must complete 3 courses before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Preparatory Coursework
ECON 1101 - Principles of Microeconomics, IP, SSCI (4.0 cr)
ECON 1102 - Principles of Macroeconomics, IP, SSCI (4.0 cr)
MATH 1271 - Calculus I, MATH (4.0 cr)

Program Requirements

Students are required to take 4 semester(s) of any second language.

Required Courses

Major Core

ECON 3101 - Intermediate Microeconomics (4.0 cr)
ECON 3102 - Intermediate Macroeconomics (4.0 cr)
ECON 3011 - Introduction to Statistical Analysis, MATH (4.0 cr)
STAT 3022 - Data Analysis (4.0 cr)
ECON 4211 - Principles of Econometrics (4.0 cr)
STAT 3021 - Introduction to Probability and Statistics (3.0 cr)
STAT 3022 - Data Analysis (4.0 cr)
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)

Electives

At least one 3xxx-5xxx course must be writing intensive.
Take 6 or more course(s) totaling 18 or more credit(s).

Take 1 or more course(s) from the following:
ECON 3xxx
ECON 4xxx
ECON 5xxx

Take 0 - 1 course(s) from the following:
ECON 3960 - Topics in Economics (3.0 cr)
ECON 4311 - Economy of Latin America (3.0 cr)
ECON 4311 - The Russian Economy (3.0 cr)
ECON 4315 - The Japanese Economy (3.0 cr)

One of the courses below may be used with major adviser approval.

Take 0 - 1 course(s) from the following:
ACCT 5100 - Corporate Financial Reporting (4.0 cr)
APEC 4821W - Agribusiness Management, WI (5.0 cr)

Final Project

ECON 3951 - Major Project Seminar (2.0 cr)
or ECON 3991 - Independent Study (1.0-3.0 cr)
or
The final project requirement may be fulfilled with a term paper from an upper division writing intensive (WI) course with a minimum grade of A-.
or
The final project requirement may be fulfilled with an acceptable honors projects or a thesis (up to 6 cr.)

Economics B.S.

Economics

Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 32.
Degree: Bachelor of Science.

Economics emphasizes critical thinking and the understanding of basic economic principles. The B.S. is for students interested in graduate study in economics or in a career where quantitative economic analysis plays a significant role. The strong quantitative component in this degree emphasizes multivariate calculus, linear algebra, and econometrics.
Students choose from courses in comparative economic systems; economic theory; econometrics; economic development; game theory; industrial organization; cost-benefit analysis; environmental, financial, international, mathematical, monetary, public, and labor economics.

For more information, visit www.econ.umn.edu.

Admission Requirements

Students must complete 4 courses before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Preparatory Coursework
ECON 1101 - Principles of Microeconomics, IP, SSCI (4.0 cr)
ECON 1102 - Principles of Macroeconomics, IP, SSCI (4.0 cr)
MATH 1271 - Calculus I, MATH (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)

Program Requirements

Required Courses

Major Core
ECON 3101 - Intermediate Microeconomics (4.0 cr)
ECON 3102 - Intermediate Macroeconomics (4.0 cr)
ECON 4261 - Introduction to Econometrics (4.0 cr)
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
MATH 2263 - Multivariable Calculus (4.0 cr)

Take one of the following course pairs:
STAT 4101 - Theory of Statistics I (4.0 cr)
STAT 4102 - Theory of Statistics II (4.0 cr)
STAT 5101 - Theory of Statistics I (4.0 cr)
STAT 5102 - Theory of Statistics II (4.0 cr)

Electives

Choose a minimum of four approved economics electives (12 cr.) and two economics honors courses (8 cr.). One 3xxx-5xxx course must be writing intensive. ACCT 5100, APEC 4821 or 5xxx, MATH 4065, MATH 4606, MATH 5615 can be applied toward the six total courses. Only one country/area study can count towards the major requirement.

Two economics honors courses (8 credits).

Take 12 or more credit(s) from the following:
ECON 3xxx
ECON 4xxx
ECON 5xxx

Economics Minor

Economics

Requirements for this program are current for Fall 2006.

Required credits in this minor: 13 to 30.

Economics is a useful minor for students majoring in business, engineering, statistics, computer science, mathematics, and all of the social sciences. Minors are available in six subfields designed to complement study in other majors. Minors require 13-30 credits of upper-level work, depending on the subfield. This includes a minimum of three or more upper-level economics courses and supporting work in mathematics and/or statistics, as needed for the subfield. Students must complete at least 9 upper division economics credits at the University of Minnesota, Twin Cities.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Preparatory Courses
ECON 1101 - Principles of Microeconomics, IP, SSCI (4.0 cr)
ECON 1102 - Principles of Macroeconomics, IP, SSCI (4.0 cr)

Program Requirements

Program Sub-plans

Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

Applied Microeconomics

Required Courses

Requirements
ECON 4211 is also recommended.
ECON 3101 - Intermediate Microeconomics (4.0 cr)
MATH 1271 - Calculus I, MATH (4.0 cr)

Labor Economics
ECON 3501 - Labor Economics (3.0 cr)
or ECON 4531 - Labor Economics (3.0 cr)

Industrial Organization and Antitrust Policy
ECON 3601 - Industrial Organization and Antitrust Policy (3.0 cr)
or ECON 4631 - Industrial Organization and Antitrust Policy (3.0 cr)

Valuation
ECON 4611H - Honors Course: Environmental Valuation, H (4.0 cr)
or ECON 4623 - Housing Markets and Public Policy (3.0 cr)

Electives
ECON 3801 - Elements of Public Economics (3.0 cr)
or ECON 4821 - Public Economics (3.0 cr)
or ECON 4831 - Cost-Benefit Analysis, WI (3.0 cr)

Econometrics

Required Courses

Requirements
ECON 3101 - Intermediate Microeconomics (4.0 cr)
ECON 3102 - Intermediate Macroeconomics (4.0 cr)
ECON 4261 - Introduction to Econometrics (4.0 cr)
MATH 1271 - Calculus I, MATH (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)

Take one of the following course pairs:
STAT 4101 - Theory of Statistics I (4.0 cr)
STAT 4102 - Theory of Statistics II (4.0 cr)
or
STAT 5101 - Theory of Statistics I (4.0 cr)
STAT 5102 - Theory of Statistics II (4.0 cr)

Directed Study
Take 3 or more credit(s) from the following:
ECON 3993 - Directed Studies (1.0-3.0 cr)
Economic Arts

**Economic Theory**

**Required Courses**

**Requirements**
- ECON 3101 - Intermediate Microeconomics (4.0 cr)
- ECON 3102 - Intermediate Macroeconomics (4.0 cr)
- MATH 1271 - Calculus I, MATH (4.0 cr)
- MATH 1272 - Calculus II (4.0 cr)
- MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
- MATH 2263 - Multivariable Calculus (4.0 cr)
- ECON 4109H - Honors Course: Game Theory and Applications, H (4.0 cr)
  or ECON 4113 - Introduction to Mathematical Economics (4.0 cr)
  or ECON 4731 - Macroeconomic Policy (3.0 cr)
  or ECON 4741 - Quantitative Analysis of the Macroeconomy (3.0 cr)

**General**

**Required Courses**

**Requirements**
- ECON 3101 - Intermediate Microeconomics (4.0 cr)
  or ECON 3105 - Managerial Economics (4.0 cr)
- MATH 1142 - Short Calculus, MATH (4.0 cr)
  or MATH 1271 - Calculus I, MATH (4.0 cr)

**Electives**

*Take 3 or more course(s) totaling 9 or more credit(s) from the following:*

- ECON 3xxx
- ECON 4xxx

**International Trade and Development**

**Required Courses**

**Requirements**
- ECON 3101 - Intermediate Microeconomics (4.0 cr)
- ECON 4301 - Economic Development, WI (3.0 cr)
  or ECON 4311W - Economic Development, WI (3.0 cr)
- ECON 4307 - Comparative Economic Systems, IP (3.0 cr)
  or ECON 4337 - Comparative Economic Systems, IP (3.0 cr)
- MATH 1142 - Short Calculus, MATH (4.0 cr)
  or MATH 1271 - Calculus I, MATH (4.0 cr)
- ECON 4311 - Economy of Latin America (3.0 cr)
  or ECON 4313 - The Russian Economy (3.0 cr)
  or ECON 4315 - The Japanese Economy (3.0 cr)
  or ECON 3960 - Topics in Economics (3.0 cr)

*Take the following course or course pair:*

- ECON 4401 - International Economics, IP (3.0 cr)
- ECON 4431W - International Trade, IP, WI (3.0 cr)
- ECON 4432W - International Finance, IP, WI (3.0 cr)

**Monetary Theory**

**Required Courses**

**Requirements**
- ECON 3101 - Intermediate Microeconomics (4.0 cr)
- ECON 3102 - Intermediate Macroeconomics (4.0 cr)
- ECON 4751 - Financial Economics (3.0 cr)
- STAT 3011 - Introduction to Statistical Analysis, MATH (4.0 cr)
- ECON 3701 - Money and Banking (3.0 cr)
  or ECON 4721 - Money and Banking (3.0 cr)
- ECON 4731 - Macroeconomic Policy (3.0 cr)
  or ECON 4741 - Quantitative Analysis of the Macroeconomy (3.0 cr)
- MATH 1142 - Short Calculus, MATH (4.0 cr)
  or MATH 1271 - Calculus I, MATH (4.0 cr)

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**English B.A.**

**English Language and Literature**

Requirements for this program are current for Fall 2006.

**Required credits to graduate with this degree:** 120.

**Required credits within the major:** 35.

**Degree:** Bachelor of Arts.

Students who major in English study literature and other forms of verbal expression, literary history and criticism, critical theory, linguistics, and creative writing. Courses offered by the department explore a wide range of discourses written in English—from around the globe, as well as from Britain and America—including poetry, drama, fiction, film, popular culture, and electronic media. Students examine the cultural, social, political, and economic contexts that condition a variety of texts. Majors write extensively and learn to express themselves effectively, both orally and in writing. They gain practical insight into the words that they speak, read, and write.

Students transferring courses from other colleges and universities must complete five University of Minnesota 3- or 4-credit English courses in residence. These courses must include ENGL or ENGW 3960W, the senior project, and at least three other upper division courses (3xxx or higher).

Students wishing to transfer English courses from outside the University of Minnesota and apply them to the English major requirements should discuss this with the undergraduate adviser. Note: All English courses completed at two-year community colleges are accepted as equivalent to University lower division (1xxx) courses, regardless of content. Advanced Placement (AP) and International Baccalaureate (IB) credits are not included in the major.

**Admission Requirements**

Prospective majors are encouraged to complete an introductory course in literature, creative writing, and/or English language, chosen from ENGL 1001-1701 and ENGW 1101-1104, before officially declaring the major. To declare a major, a student schedules an appointment with the Undergraduate Studies Office 227 Lind Hall; 612-625-4592; englmaj@umn.edu), and completes a Major Program form which is filed in CLA, the department, and with the student.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

Students are required to take 4 semester(s) of any second language.

English majors are encouraged to study in other countries before their senior year, to increase understanding of English language and literatures from diverse cultural perspectives. Advanced planning facilitates academic success and progress. See the Learning Abroad Center Web site at [www.UManbroad.umn.edu](http://www.UManbroad.umn.edu) for more information.

The English department supports an engaged, civic-oriented curriculum and teaches the critical skills of reading and writing in the context of community involvement and real public spheres by incorporating community and service-learning components into literature and composition classes.

Students can work as interns at local organizations, neighborhood houses, alternative schools, after-school programs, and in the grassroots/nonprofit sector of the greater Twin Cities area. While underscoring the relevance of literary studies to contemporary life, these hands-on experiences prepare students not only for...
careers and professions, but also for an ongoing engagement in the civic life of their communities. Students can learn more from the University of Minnesota Literacy Lab Web site and from their major adviser.

Note: Independent study is limited to a maximum of 12 credits at any number level, directed study, directed instruction, or independent and distance learning (IDL) courses.

**Required Courses**

**Major Courses**
The methods course provides majors with skills in close and critical reading, background in history and culture, and multiple approaches to literary works. Shakespeare and the British and American literature surveys situate literary works in historical, cultural, and theoretical perspectives.

ENGL 3001W - Textual Analysis: Methods, WI (4.0 cr)
ENGL 3007 - Shakespeare, LIT (3.0 cr)

*or*

A department-approved 3xxx Shakespeare in London course.

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

**British Literature**

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

ENGL 3003W - Historical Survey of British Literatures I, HP, WI (4.0 cr)
ENGL 3004W - Historical Survey of British Literatures II, HP, WI (4.0 cr)

**American Literature**

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

ENGL 3005W - Survey of American Literatures and Cultures I, CD, LIT, WI (4.0 cr)
ENGL 3006W - Survey of American Literatures and Cultures II, CD, LIT, WI (4.0 cr)

**English Language or Literary Theory**

This requirement allows students to deepen their understanding of the English language or to concentrate on theoretical questions that shape readers’ understanding of texts.

ENGL 3002 - Modern Literary Criticism and Theory (3.0 cr)
*or* ENGL 3001 - Analysis of the English Language (4.0 cr)
*or* ENGL 3002 - Literary and American Cultural Diversity, C/PE, CD (4.0 cr)
*or* ENGL 4003 - History of Literary Theory (3.0 cr)
*or* ENGL 4602W - Gender and the English Language, CD, WI (4.0 cr)
*or* ENGL 4603W - World Englishes, IP, WI (4.0 cr)
*or* ENGL 4605 - Social Variation in American English, CD (4.0 cr)
*or* ENGL 4612 - Old English I (3.0 cr)
*or* ENGL 4613 - Old English II (3.0 cr)
*or* ENGL 4722 - Alphabet to Internet: History of Writing Technologies (4.0 cr)

*Take both of the following internship courses.*

ENGL 3505 - Community Learning Internships I (3.0 cr)
ENGL 3506 - Learning Internships II (4.0 cr)

**Electives**

Electives are generally devoted to in-depth studies of particular authors, topics, periods, or genres. Creative writing electives enable students to explore the intricacies and intimacies of the creative process and see for themselves some of the ways in which prose and poetry are created and read.

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

ENGL 3xxx
ENGL 4xxx
ENGL 5xxx

*Take no more than 1 course(s) from the following:*

ENL 1xxx
ENGL 1xxx

**Senior Project**
The program of study culminates in a writing project (4 credits), completed either in a rigorous and intensive seminar in which students produce an extended, scholarly essay (ENGL 3960W), or in an advanced creative writing workshop (ENGW 3960W) in which students produce a substantial manuscript of poetry, literary fiction, or literary nonfiction.

ENGL 3883V - Honors Thesis, WI, H (1.0-4.0 cr)
*or* ENGL 3960W - Senior Seminar, WI (4.0 cr)
*or* ENGW 3960W - Writing Workshop for Majors, WI (4.0 cr)

**English Minor**

**English Language and Literature**

Requirements for this program are current for Fall 2006.

Required credits in this minor: 18.

Students who minor in English study literature and other forms of verbal expression, literary history and criticism, critical theory, linguistics, and creative writing. Courses offered by the department explore a wide range of discourses written in English—from around the globe, as well as from Britain and America—including poetry, drama, fiction, film, popular culture, and electronic media.

Students in any degree program complete at least 18 credits in the minor, all in 3xxx or higher courses, as part of the minimum credits for their baccalaureate degree program.

Students begin their studies, ideally in their sophomore year, with the department’s methods course (ENGL 3001W), progress to taking Shakespeare (ENGL 3007 or a department-approved Shakespeare in London course), and two surveys in British and American literature (selected from ENGL 3003W, 3004W, 3005W, and 3006W). In addition, students choose at least one English elective course (3 to 4 credits of 3xxx or higher in ENGL, ENGC, or ENGW). The methods course—ENGL 3001W—provides minors with skills in close and critical reading, the background in history and culture, and multiple approaches to literary works that will guide their continued studies. Shakespeare and the British and American literature surveys situate literary works in historical, cultural, and theoretical perspective.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Program Requirements**

At least four of the five English minor courses must be taken A-F and completed with grades C- or better. The equivalent of one course in independent study work may be applied to the minor. Coursework completed elsewhere may be counted toward the minor only with department approval. Students must take at least two of the 3xxx minor courses in the University of Minnesota, Twin Cities English department.
Required Courses

Minor Courses
ENGL 3001W - Textual Analysis: Methods, WI (4.0 cr)
ENGL 3007 - Shakespeare, LIT (3.0 cr)
ENGC 3xxx
or
ENGL 3xxx
or
ENGL 4xxx
or
ENGL 5xxx
or
ENGW 3xxx

Take 2 or more course(s) from the following:
ENGL 3003W - Historical Survey of British Literatures I, HP, WI (4.0 cr)
ENGL 3004W - Historical Survey of British Literatures II, HP, WI (4.0 cr)
ENGL 3005W - Survey of American Literatures and Cultures I, CD, LIT, WI (4.0 cr)
ENGL 3006W - Survey of American Literatures and Cultures II, CD, LIT, WI (4.0 cr)

English as a Second Language Minor

Inst of Ling, Engl as Sec Lang, and Slavic Lang and Lit

Requirements for this program are current for Fall 2006.
Required credits in this minor: 15.
The minor requires four courses.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Minor Courses
LING 3001 - Introduction to Linguistics, SSCI (4.0 cr)
TESL 3001 - Basics in Teaching English as a Second Language, C/PE, CD (4.0 cr)
TESL 3501 - Practical Language Learning for International Communication (3.0 cr)
TESL 5401 - Language Analysis for Teachers of English as a Second Language (4.0 cr)

French Studies B.A.

French and Italian

Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 35.
Degree: Bachelor of Arts.
The French studies major includes courses in three areas of concentration: linguistics, literature, and culture. Courses in language and linguistics include history of the French language, structure of the language, sociolinguistics, phonetics, conversation, and business French. Courses in literature and culture focus on topics and problems in three broad historical periods: the Middle Ages and Renaissance, early modern France, and modern and contemporary France. A number of courses focus on Francophone literature from Africa, the Caribbean, and Quebec. Courses in French cinema are also offered.

Many students combine a French studies major with another major. The department offers selected courses in English for students who have mastered French but want to study France and the French-speaking world.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of French.
At least four upper division courses must be completed in the French department at the University of Minnesota, Twin Cities campus.

Required Courses

Major Courses
FREN 3014 - French Phonetics (2.0 cr)
FREN 3015 - Advanced French Grammar and Communication (4.0 cr)
FREN 3016 - Advanced French Composition and Communication (4.0 cr)
FREN 3101W - Introduction to French Literature, LIT, WI (4.0 cr)
FREN 3111 - Medieval Stories (3.0 cr)
or FREN 3140 - Topics in Medieval and Renaissance Literature (3.0 cr)
or FREN 3170 - The Unruly Subject(s) of Classicism: Writing, History, Power in Ancien Régime France (3.0 cr)

European Area Studies Minor

Institute for Global Studies

Requirements for this program are current for Fall 2006.
Required credits in this minor: 15.
Students must complete the CLA second language requirement in a European language and take five courses (at least 15 credits) of 3xxx-5xxx coursework focusing on a particular topic in European area studies (excluding language courses).

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.
Required Courses
Minor Courses
FREN 3015 - Advanced French Grammar and Communication (4.0 cr)
FREN 3101W - Introduction to French Literature, LIT, WI (4.0 cr)
Take 3 or more course(s) from the following:
FREN 3xxx
FREN 4xxx
FREN 5xxx

French and Italian Studies B.A.

French and Italian
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 36.
Degree: Bachelor of Arts.
The French and Italian studies major allows students interested in both cultures and languages to pursue a combined major.
Students study specific works in each national literature while also exploring the interrelations and cross-cultural exchanges that have contributed to Italian and French literature and culture. This comparative perspective introduces students to a broad range of issues and cultural practices.

Admission Requirements
Students must formally declare a major within the department before completing the majority of the major elective requirements.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of French and Italian.
The French and Italian major requires students to take at least five to six semesters of language, including advanced study, which goes above and beyond the length of the CLA second language requirement.

Required Courses
Preparatory Courses
FREN 1001 - Beginning French (5.0 cr)
FREN 1002 - Beginning French (5.0 cr)
FREN 1003 - Intermediate French (5.0 cr)
FREN 1004 - Intermediate French (5.0 cr)
ITAL 1001 - Beginning Italian (5.0 cr)
ITAL 1002 - Beginning Italian (5.0 cr)
ITAL 1003 - Intermediate Italian (5.0 cr)
ITAL 1004 - Intermediate Italian (5.0 cr)

Upper Division Language Courses
FREN 3015 - Advanced French Grammar and Communication (4.0 cr)
ITAL 3015 - Reading, Conversation, and Composition (4.0 cr)

Literature and Culture Courses
FRIT 5999 may not be used to satisfy this requirement.
FREN 3101W - Introduction to French Literature, LIT, WI (4.0 cr)
Take 6 or more credit(s) from the following:
FREN 3xxx
FREN 4xxx
FREN 5xxx

French Studies Minor

French and Italian
Requirements for this program are current for Fall 2006.
Required credits in this minor: 17.
The French studies minor includes courses in three areas of concentration: language, literature, and culture.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of French.
At least two upper division courses must be completed in the French department at the University of Minnesota, Twin Cities.
Take 9 or more credit(s) from the following:
ITAL 3xx
ITAL 4xx
ITAL 5xx
Take 6 or more credit(s) from the following:
FRIT 3xx
FRIT 4xx
FRIT 5xx

Senior Project
The senior project is completed in FREN 4101 or in an appropriate Italian course selected in consultation with an adviser.
FREN 4101W - Seminar in French Studies, WI (3.0 cr)
A senior project that is acceptable for an honors project for cum laude and magna cum laude. For summa cum laude, students must complete a thesis which must be approved unanimously by a committee of three faculty members, two from the major department and one from outside the major.

Gay, Lesbian, Bi-sexual, Transgendered Minor

Women's Studies
Requirements for this program are current for Fall 2006.
Required credits in this minor: 18.
The minor focuses on the history, politics, and cultures of gay, lesbian, bisexual and transgendered persons. Courses explore the diversity of GLBT communities, the history and present conditions of sexual identity formation, and the functioning and institutionalization of ideologies of sexuality in a democratic society. Core courses focus on issues related to the history, culture, social, and political formations; experiences of GLBT people; and GLBT/queer theory. Elective courses are drawn from lists of GLBT-focused courses (emphasizing GLBT issues/experiences) and of GLBT-component courses (having at least one-quarter of their content related to GLBT/queer theory or the history, culture, social, political formations, and experiences of GLBT people).

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses
Minor Courses
GLBT 1001 - Introduction to GLBT Studies (3.0 cr)
GLBT 3301 - Gay, Lesbian, Bisexual, and Transgender Social Movements in the United States (3.0 cr)
CSCL 3456W - Sexuality and Culture, CD, WI (3.0 cr)
or CSCL 3472 - Gay Men and Homophobia in American Culture, CD, HP (3.0 cr)
or WOST 3404 - International Lesbian and Queer Studies (3.0 cr)
or WOST 4403 - Queering Theory (3.0 cr)

Electives
Other courses may be used to meet this requirement with permission from the department. SOC 4090 meets the requirement only if the topic is sociology of sexuality.

Take 3 or more course(s) from the following:
AMST 4101 - Gender, Sexuality, and Politics in America, CD, HP (3.0 cr)
ARTH 3411 - Gender and Sexuality in Art since 1863 (3.0 cr)
ENGL 3330 - Gay, Lesbian, Bisexual, and Transgendered Literature (3.0 cr)
ENGL 3380 - Joy Boys and the Invention of Modern Sexuality (3.0 cr)
FSOS 4152 - Gay, Lesbian, and Bisexual People in Families (3.0 cr)
GLBT 3610 - Topics in GLBT Studies (3.0 cr)
HIST 3212 - Dissident Sexualities in U.S. History (3.0 cr)
PUBH 3010 - Public Health Approaches to HIV/AIDS (2.0 cr)
SOC 4090 - Topics in Sociology (3.0 cr)
SOC 4521 - Love, Sex, and Marriage (3.0 cr)

Geography B.A.

Geography
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 32.
Degree: Bachelor of Arts.
Geography is an academic and practical field that studies the manner in which human-made places and natural systems interact and change. Geographers study these interactions at all scales: neighborhoods and cities; regions and nations; single or multiple biophysical systems; and even the world as a whole. Geography attempts to explain not only these interactions and changes, but in many instances how they are perceived and what meanings they hold.
Depending on their specific interests, geographers will employ one or more of a variety of methods and techniques: fieldwork, mapping, conventional narrative, ethnography, spatial statistics and modeling, and textual analysis. Many geographers are also interested in the intersections of science, technology, and information, such as the impact of geographic information science (GIS) on decision making. Geography’s integrative perspective on regional and global change provides students with unparalleled understanding of today’s complex world.
The B.A. provides students with a broad background in the discipline with emphasis on one of four tracks: city systems; regional analysis and development; environmental systems; and geographic information science.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses
Major Courses
Take 3 or more course(s) from the following:
GEOG 1301W - Introduction to Human Geography, IP, SSCL WI (4.0 cr)
GEOG 3371W - Cities, Citizens, and Communities, CD, SSCL WI (4.0 cr)
GEOG 3401 - Geography of Environmental Systems and Global Change, WI (4.0 cr)
GEOG 3561 - Principles of Geographic Information Science (4.0 cr)

Modes of Geographic Inquiry
GEOG 4001 - Modes of Geographic Inquiry (4.0 cr)
or GEOG 4002W - Social Theory and the Environment, WI (3.0 cr)
This track.

Students must take five courses, or a minimum of 15 credits, in
naturally occurring and caused by humans, in the natural
vegetation, and surface land form; changes over time, both
environments and resources that sustain human life and activity.
The environmental systems track examines the natural

Environmental Systems
The environmental systems track examines the natural
environments and resources that sustain human life and activity. Students explore the local and global patterns of climate, soils, vegetation, and surface land form; changes over time, both naturally occurring and caused by humans, in the natural environment; and ways of analyzing and predicting both human-caused and naturally occurring environmental change.

Students must take five courses, or a minimum of 15 credits, in this track.

City Systems
The city systems track examines urban phenomena on two scales. In cities as systems, students learn about the internal structure of cities, including their morphology, land-use patterns, social geography, and meaning. In systems of cities, the interconnections among cities at regional, national, and global scales are emphasized. The track examines cities and city systems in diverse settings - North American cities, European cities, cities in the developing world - and from different perspectives, including historical, social, political, economic, and other approaches.

Students must take five courses, or a minimum of 15 credits, in this track.

Environmental Information Science
The geographic information science track is concerned with all aspects of geographical information, including collection, storage, manipulation, analysis, and visualization. The track encompasses geographical information science (GIS), cartography, remote sensing, spatial analysis, and numerical modeling. The track is also concerned with the relationship between geographic information science, systems, and society.

Students must take five courses, or a minimum of 15 credits, in this track.

Regional Analysis and Development
In the regional analysis and development track, students learn to think critically about different ways of life and livelihood strategies, as well as different conceptions and practices of development in different geographic contexts. They also learn about the connectedness of societal and environmental processes from the local scale to the global.

Students must take five courses, or a minimum of 15 credits, in this track.
**Geography B.S.**

**Geography**

Requirements for this program are current for Fall 2006. Required credits to graduate with this degree: 120.

Required credits within the major: 38.

Degree: Bachelor of Science.

Geography is an academic and practical field that studies the manner in which human-made places and natural systems interact and change. Geographers study these interactions at all scales: neighborhoods and cities; regions and nations; single or multiple biological systems, and even the world as a whole. Geography attempts to explain not only these interactions and changes, but in many instances how they are perceived and what meanings they hold.

Depending on their specific interests, geographers will employ one or more of a variety of methods and techniques: fieldwork, mapping, conventional narrative, ethnography, spatial statistics and modeling, and textual analysis. Many geographers are also interested in the intersections of science, technology, and information, such as the impact of geographic information systems (GIS) on decision making. Geography’s integrative perspective on regional and global change provides students with unparalleled understanding of today’s complex world.

The B.S. offers a solid foundation in the science of geography in either the environmental systems or geographic information science track.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Required Courses**

**Required Courses**

- Take 5 or more course(s) from the following:
- GEOG 3101 - Geography of the United States and Canada, CD, SSCI (4.0 cr)
- GEOG 3111 - Geography of Minnesota, C/PE, ENV'T (3.0 cr)
- GEOG 3141 - Africa, ENV'T, IP (3.0 cr)
- GEOG 3161 - Europe: A Geographic Perspective, IP, SSCI (3.0 cr)
- GEOG 3181 - Russia and Environments, IP, SSCI (3.0 cr)
- GEOG 3211 - East Asia, IP (3.0 cr)
- GEOG 3331 - Geography of the World Economy, IP, SSCI (3.0 cr)
- GEOG 3355 - Environmental Quality, C/PE, ENV'T (3.0 cr)
- GEOG 3361W - Land Use, Landscapes, and the Law, C/PE, ENV'T, WI (3.0 cr)
- GEOG 3378 - Third World Underdevelopment and Modernization (3.0 cr)
- GEOG 3379 - Environment and Development in the Third World, ENV'T, IP (3.0 cr)
- GEOG 3381W - Population in an Interacting World, IP, SSCI, WI (4.0 cr)
- GEOG 3411W - Geography of Health and Health Care, ENV'T, IP, WI (4.0 cr)
- GEOG 4121W - Latin America, ENVT, IP, WI (4.0 cr)
- GEOG 4393 - The Rural Landscape (4.0 cr)
- GEOG 4382 - Contemporary Immigrant America, C/PE, CD (3.0-5.0 cr)
- GEOG 4383 - Contemporary Immigrant America, C/PE, CD (3.0-5.0 cr)
- GEOG 4393 - The Rural Landscape (4.0 cr)
- GEOG 5181 - Russia and Environs, IP, SSCI (3.0 cr)
- GEOG 5161 - Europe: A Geographic Perspective, IP, SSCI (3.0 cr)
- GEOG 5141 - Africa, ENVT, IP (3.0 cr)
- GEOG 5111 - Geography of Minnesota, C/PE, ENVT (3.0 cr)
- GEOG 5101 - Geography of the United States and Canada, CD, SSCI (4.0 cr)
- GEOG 5378 - Third World Underdevelopment and Modernization (3.0 cr)
- GEOG 5379 - Environment and Development in the Third World, ENV'T, IP (3.0 cr)
- GEOG 5385 - Globalization and Development: Political Economy (4.0 cr)
- GEOG 5775 - Geographic Education (3.0 cr)

**Program Requirements**

**Required Courses**

**Major Courses**

- GEOG 3401 - Geography of Environmental Systems and Global Change, WI (4.0 cr)
- GEOG 3561 - Principles of Geographic Information Science (4.0 cr)
- GEOG 1301W - Introduction to Human Geography, IP, SSCI, WI (4.0 cr)
- GEOG 3371W - Cities, Citizens, and Communities, CD, SSCI, WI (4.0 cr)
- GEOG 4001 - Modes of Geographic Inquiry (4.0 cr)
- GEOG 4002W - Social Theory and the Environment, WI (3.0 cr)

**Quantitative Courses**

Take one of the following course pairs:

- CSCI 1107 - Introduction to FORTRAN Programming for Scientists and Engineers (3.0 cr)
- CSCI 1113 - Introduction to C/C++ Programming for Scientists and Engineers (4.0 cr)
- STAT 3011 - Introduction to Statistical Analysis, MATH (4.0 cr)
- STAT 3022 - Data Analysis (4.0 cr)

**Senior Project**

GEOG 3985W - Senior Project Seminar, WI (4.0 cr)
- GEOG 3994 - Directed Research
- GEOG 4700 - Community Service Learning and
- GEOG 3411 - Geography of Health and Health Care
- GEOG 4121 - Latin America

The final project requirement may be fulfilled with a course with extra credits from the geography major.

**Program Sub-plans**

Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

**Environmental Systems**

The environmental systems track examines the natural environments and resources that sustain human life and activity. Students explore the local and global patterns of climate, soils, vegetation, and surface land form; changes over time, both naturally occurring and caused by humans, in the natural environment; and ways of analyzing and predicting both human-caused and naturally occurring environmental change.

Students must complete four to five courses in this track, for a minimum of 15 credits.

**Required Courses**

Take 5 or more course(s) from the following:

- GEOG 3355 - Environmental Quality, C/PE, ENV'T (3.0 cr)
- GEOG 3361W - Land Use, Landscapes, and the Law, C/PE, ENV'T, WI (3.0 cr)
- GEOG 3379 - Environment and Development in the Third World, ENV'T, IP (3.0 cr)
- GEOG 3381W - Population in an Interacting World, IP, SSCI, WI (4.0 cr)
- GEOG 3411W - Geography of Health and Health Care, ENV'T, IP, WI (4.0 cr)
- GEOG 3431 - Plant and Animal Geography, ENV'T, (3.0 cr)
- GEOG 4121W - Latin America, ENVT, IP, WI (4.0 cr)
Geographic Information Science

The geographic information science track is concerned with all aspects of geographical information, including collection, storage, manipulation, analysis, and visualization. This track encompasses geographical information science (GIS), cartography, remote sensing, spatial analysis, and numerical modeling. The track is also concerned with the relationship between geographic information science, systems, and society. Students must take four to five courses in this track, for a minimum of 15 credits.

**Required Courses**

*Take 5 or more course(s) from the following:*
- GEOG 3511 - Principles of Cartography (4.0 cr)
- GEOG 3531 - Numerical Spatial Analysis (4.0 cr)
- GEOG 5511 - Advanced Cartography (3.0 cr)
- GEOG 5512 - Cartography: Topics (3.0 cr)
- GEOG 5530 - Cartography Internship (2.0-7.0 cr)
- GEOG 5561 - Principles of Geographic Information Science (4.0 cr)
- GEOG 5562 - Geographic Information Science and Analytical Cartography (3.0 cr)
- GEOG 5563 - Advanced Geographic Information Science (3.0 cr)
- GEOG 5564 - Urban Geographic Information Science and Analysis (3.0 cr)
- GEOG 5565 - Geographical Analysis of Environmental Systems and Global Change (3.0 cr)
- GEOG 5588 - Multimedia Cartography (3.0 cr)
- GEOG 5775 - Geographic Education (3.0 cr)

**Geography Minor**

**Geography**

Requirements for this program are current for Fall 2006.

Required credits in this minor: 14.

Geography is an academic and practical field that studies the manner in which human-made places and natural systems interact and change. Geographers study these interactions at all scales: neighborhoods and cities; regions and nations; single or multiple biophysical systems, and even the world as a whole.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

Minor courses must be completed with a grade of at least C-.

**Required Courses**

**Mathematics**

Take either the calculus sequence (two courses) or the honors sequence (two courses).

- MATH 1271 - Calculus I, MATH (4.0 cr)
- or MATH 1371 - IT Calculus I, MATH (4.0 cr)
- MATH 1272 - Calculus II (4.0 cr)
- or MATH 1402V - Honors Calculus II, PHYS SCI/L, WI (4.0 cr)

**Physics**

- PHYS 1301W - Introductory Physics for Science and Engineering I, PHYS SCI/L, WI (4.0 cr)
- or PHYS 1401V - Honors Physics I, PHYS SCI/L, WI (4.0 cr)
- PHYS 1302W - Introductory Physics for Science and Engineering II, PHYS SCI/L, WI (4.0 cr)
- or PHYS 1402V - Honors Physics II, PHYS SCI/L, WI (4.0 cr)

**Chemistry**

- CHEM 1021 - Chemical Principles I, ENV, PHYS SCI/L (4.0 cr)
- or CHEM 1031H - Honors Chemistry I, ENV, PHYS SCI/L, H (4.0 cr)
CHEM 1022 - Chemical Principles II, ENVT, PHYS SCI/L (4.0 cr)
or CHEM 1032H - Honors Chemistry II, ENVT, PHYS SCI/L, H (4.0 cr)

Major Courses
GEO 2201 - Geodynamics I: The Solid Earth (3.0 cr)
GEO 2301 - Mineralogy (3.0 cr)
GEO 2502 - Petrology (3.0 cr)
GEO 2303W - Geochronology and Earth History (3.0 cr)
GEO 2302 - Geodynamics II: The Fluid Earth (3.0 cr)
GEO 3201 - Introductory Field Geology (4.0 cr)
GEO 3202 - Structural Geology (3.0 cr)
GEO 4911 - Introductory Field Geology (4.0 cr)
GEO 4601 - Sedimentology and Stratigraphy (3.0 cr)
GEO 4631W - Earth Systems: Geosphere/Biosphere Interactions, WI (3.0 cr)

Workshop Courses
Take 2 or more course(s) from the following:
GEO 3870 - Modeling Workshop (1.0 cr)
GEO 3880 - Laboratory Workshop (1.0 cr)
GEO 3890 - Field Workshop (1.0 cr)

Field Course
GEO 4911 - Advanced Field Geology (4.0 cr)
or GEO 4971 - Field Hydrogeology (4.0 cr)

Electives
Take 4 or more credit(s) from the following:
GEO 1xx
GEO 2xx
GEO 3xx
GEO 4xx
GEO 5xx

Geology Minor
Requirements for this program are current for Fall 2006. Required credits in this minor: 18.
Geology is the study of the composition, structure, and history of the Earth and of the processes that operate on and within it, with emphasis on the crust, oceans, and atmosphere.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Required Courses

German Studies B.A.
German, Scandinavian, and Dutch
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 35.
Degree: Bachelor of Arts.
The German studies program teaches and conducts research in the language, literature, and culture of the German-speaking nations of Europe, primarily Germany, Austria, and Switzerland. The major in German studies and minor in German include the study of the spoken language, as well as of literature, philology, culture, and civilization. The department also offers majors and minors in Scandinavian languages, a minor in Dutch, and a minor in Austrian and Central European studies.
The department recommends study abroad in a German-speaking country for at least six months in order to acquire cultural familiarity and language fluency. Students may apply appropriate coursework to a German studies major or a German minor. The University is affiliated with exchange programs in Berlin and Freiburg for both one and two-semester stays. There are also possibilities for study at many other German, Austrian, and Swiss universities. Visit the Learning Abroad Center Web site at www.umabroad.umn.edu for more information.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
The major in German studies consists of a minimum of 35 credits in 3xxx, 4xxx, and 5xxx courses. All courses in the major must be taken A-F and completed with a C- or better. At least two courses must be taken in the German program at the University of Minnesota. The major program must be approved by the Director of Undergraduate Studies.

Required Courses
Major Core
GER 3011W - Conversation and Composition, WI (4.0 cr)
GER 3104W - Reading and Analysis of German Literature, LIT, WI (4.0 cr)
GER 3511W - German Civilization and Culture: Middle Ages to 1700, WI (4.0 cr)
GER 3512W - German Civilization and Culture: 1700 to the Present, WI (4.0 cr)

Senior Project
The major project is a substantial paper of approximately 20 typed pages. The paper is prepared in the Major Project Seminar with the guidance and supervision of a faculty member.
GSD 3451W - Major Project Seminar, WI (4.0 cr) or
GSD 3451V - Honors Major Project Seminar

Emphasis Areas
Students are required to complete one of the following course groups.

Literature, Culture, and Society Emphasis
Up to two courses in this emphasis may be Ger 36xx, 46xx, or 56xx courses if taken in translation if substantial work in German is done by the student, as directed by the instructors of the courses or by the Director of Undergraduate Studies. One elective can be a course outside the German department, as long as the course includes sufficient coverage of German-speaking areas.
**German Minor**

**German, Scandinavian, and Dutch**

Requirements for this program are current for Fall 2006.

**Required credits in this minor:** 17.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Program Requirements**

The minor consists of a minimum of 17 credits with no more than one course taken as directed or independent study. All courses must be taken A-F and completed with a grade of C- or better. GER 36xx, 46xx or 56xx course may be used for the minor if substantial work is done in German, as directed by the instructor of the course or by the director of Undergraduate Studies. At least one course must be taken from the German program at the University of Minnesota, Twin Cities. The minor program must be approved by the director of undergraduate studies.

**Required Courses**

**Minor Core**

GER 301W - Conversation and Composition, WI (4.0 cr)
GER 310W - Reading and Analysis of German Literature, LIT, WI (4.0 cr)

**Take 9 or more credit(s) from the following:**

GER 3xxx
GER 4xxx
GER 5xxx

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**Global Studies B.A.**

**Institute for Global Studies**

Requirements for this program are current for Fall 2006.

**Required credits to graduate with this degree:** 120.

**Required credits within the major:** 35.

**Degree:** Bachelor of Arts.

This program offers students the opportunity to study the interrelated processes shaping today’s increasingly interdependent world. Students examine political, economic, cultural, and social processes of local communities, nation states, transnational businesses, and social movements around the globe. The program requires students to integrate theoretical knowledge about broad global processes with regionally focused detailed knowledge of social and cultural systems and language. Students complete a common set of core courses providing a broad overview of issues and approaches to global studies. Each student then chooses a thematic and regional concentration. Coursework is completed by selecting from relevant courses offered by a broad range of departments.

**Admission Requirements**

As preparation for the major, students are encouraged to take 6 credits of related coursework as shown in “Preparatory Courses” listed in the program requirements. Students must formally enroll in the major at the advising office, 232A Social Sciences Tower. Students must meet with an adviser to develop a program that meets major guidelines.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Program Requirements**

Students are required to take 4 semester(s) of second language appropriate to regional concentration.

Detailed information about concentrations is available in the Global Studies Handbook or on-line at http://igs.cla.umn.edu.

**Required Courses**

**Preparatory Courses**

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

CSCL 1001 - Introduction to Cultural Studies: Rhetoric, Power, Desire, CD, OH (4.0 cr)
CSCL 1301W - Reading Culture: Theory and Practice, OH, WI (4.0 cr)
GEOG 1301W - Introduction to Human Geography, IP, SSCI, WI (4.0 cr)
BULLETGLOS 1015W - Introduction to Global History Since 1950, HP, IP, WI (4.0 cr)
HIST 1012W - World History: The Age of Global Contact, HP, IP, WI (4.0 cr)
HIST 1018 - World History: The Age of Global Contact, HP, IP (3.0 cr)
POL 1025 - Global Politics, IP, SSCI (4.0 cr)
GLOS 1112 Globalization and Social Justice

**Major Courses**

GLOS 3144 - Knowledge, Power, and the Politics of Representation in Global Studies, IP, SSCI (4.0 cr)
GLOS 3145 - Theoretical Approaches to Global Studies (4.0 cr)

**Thematic Concentration**

Choose a thematic concentration from the following options:

Culture, Power, Place; Environment and Sustainable Development; Governance, Peace and Justice in a Global Context; International Political Economy; Population, Migration,
and Identity. Courses must be chosen in consultation with a
global studies adviser.

One breadth course, (3 credits).

Ways of knowing course (at least 3 credits) appropriate for theme.

Three elective courses (9 credits).

Regional Concentration
Choose a regional concentration from: Africa, East Asia, Europe,
Middle East, Latin America, Russia, or South Asia. Courses must
be chosen in consultation with a global studies adviser.

At least one regional breadth course.

At least three additional regional elective courses.

Experiential Learning and Senior Project
Students must participate in a relevant experiential learning
opportunity through study abroad, the foreign language
immersion program, an internship, or a service learning
experience. Work completed in meeting these requirements may
count towards the thematic or regional concentrations when
approved by an adviser. Students must also complete a major
project integrating their regional and thematic concentrations.

GLOS 3981W - Major Project Seminar, WI (3.0 cr)

Global Studies Minor

Institute for Global Studies

Requirements for this program are current for Fall 2006.

Required credits in this minor: 17.

The minor offers students the opportunity to study the
interrelated processes shaping today’s increasingly
interdependent world. Students examine political, economic,
cultural, and social processes of local communities, nation states,
transnational businesses, and social movements across the globe.

Admission Requirements

For information about University of Minnesota admission
requirements, visit the Office of Admissions Web site at


Program Requirements

Students declare a thematic and regional concentration and
complete an additional 9 credits, including
eone regional breadth course (3.0 cr), one thematic breadth course (3.0 cr), and one
elective course (3.0 cr)

Required Courses

Minor Courses
GLOS 3144 - Knowledge, Power, and the Politics of Representation in Global
Studies, IP, SSCI (4.0 cr)

GLOS 3145 - Theoretical Approaches to Global Studies (4.0 cr)

In consultation with a Global Studies adviser, students take one thematic and one
regional breadth course. Students also choose one elective from either their
theme or region (3.0 cr)

Greek B.A.

Classical and Near Eastern Studies

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 30.

Degree: Bachelor of Arts.

Greek is the Western language with the longest continuous
history, from the poetry of Homer in the first millennium B.C.
to the present. This program focuses on literature, philosophy,
religion, archaeology, and art associated with the Greek language
from its earliest appearance through the golden age of the Greek
city-state in the 5th century B.C. and the Roman Empire into
the medieval Byzantine Empire. Greek majors who intend to
continue in classics graduate studies are strongly advised to study
Latin as well.

Admission Requirements

For information about University of Minnesota admission
requirements, visit the Office of Admissions Web site at


Required Courses for Admission

Preparatory Courses

Students take either beginning, honors, or intensive classical
Greek, or they must have four years high school Greek and
students must take one course from CNES 1002, 1042, 1043
(or another appropriate course with the approval of director of
undergraduate studies).

GRK 1001 - Beginning Classical Greek I (5.0 cr)

GRK 1002 - Beginning Classical Greek II (5.0 cr)

or

GRK 1111H - Honors Course: Beginning Classical Greek, H (3.0 cr)

GRK 1112H - Honors Course: Classical Greek, Recitation, H (3.0 cr)

or

GRK 3111 - Intensive Classical Greek (3.0 cr)

GRK 3112 - Intensive Classical Greek, Recitation (3.0 cr)

and

CNES 1002 - World of Greece, HP (3.0 cr)

or CNES 1042 - Greek and Roman Mythology, OH (4.0 cr)

or CNES 1043 - Introduction to Greek and Roman Archaeology, HP (4.0 cr)

Program Requirements

Students are required to take 4 semester(s) of Greek.

Students take a total of four semesters of language, with
two semesters of formal Greek language instruction and two
semesters of applied readings in Greek texts.

Required Courses

Major Courses

GRK 3111 and 3112 may not be used to meet this requirement.

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

GRK 3xxx

GRK 5xxx

Electives

At least one course from this group must be in ancient culture at
3xxx or above; other courses may be substituted with approval
of the director of undergraduate studies. GRK 3111-3112 and
LAT 3111-3112 may not be used to meet this requirement.

GRK credits taken for the major cannot be used to meet this
requirement.

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

CNES 3xxx

CNES 4xxx

CNES 5xxx

GRK 3xxx

GRK 5xxx

LAT 3xxx

LAT 5xxx
Senior Project
Students can get a copy of the departmental statement on major projects from the director of undergraduate studies or department office. Students who complete a major project for another CLA major must substitute four credits of Greek (3113 or above) or other appropriate coursework at 3xxx-5xxx for the senior project in this major.

Greek Minor
*Classical and Near Eastern Studies*

Requirements for this program are current for Fall 2006.

Required credits in this minor: 14.

The Greek minor allows students who have satisfied the language requirement in Greek to read ancient authors and to expand their knowledge of ancient civilization.

Admission Requirements

Students must complete 2 courses before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

Required Courses for Admission

**Preparatory Courses**

Students take either GRK 1001-1002 or 1111-1112 or 3111-3112 or must have four years high school Greek, and one course from CNES 1002, 1042, 1043 (or other appropriate course with approval of director of undergraduate studies).

- GRK 1001 - Beginning Classical Greek I (5.0 cr)
- GRK 1002 - Beginning Classical Greek II (5.0 cr)
- or
- GRK 1111H - Honors Course: Beginning Classical Greek, H (3.0 cr)
- GRK 1112H - Honors Course: Classical Greek, Recitation, H (3.0 cr)
- or
- GRK 3111 - Intensive Classical Greek (3.0 cr)
- GRK 3112 - Intensive Classical Greek, Recitation (3.0 cr)
- and
- CNES 1002 - World of Greece, HP (3.0 cr)
- or CNES 1042 - Greek and Roman Mythology, OH (4.0 cr)
- or CNES 1043 - Introduction to Greek and Roman Archaeology, HP (4.0 cr)

**Program Requirements**

**Minor Courses**

Courses must be at 3113 or above.

Take 11 or more credit(s) from the following:

- GRK 3xxx
- GRK 4xxx
- GRK 5xxx

A course on ancient culture, of at least 3 credits, chosen in consultation with an adviser.

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

- CNES 3xxx
- CNES 4xxx
- CNES 5xxx
- GRK 3xxx
- GRK 4xxx
- GRK 5xxx

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**Hebrew B.A.**

*Classical and Near Eastern Studies*

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 27 to 29.

Degree: Bachelor of Arts.

This program enables students to study the various periods of the Hebrew language covering a span of 3,000 years, from biblical times to the present. The program gives students the tools for work in the fields of literature, social sciences, religious studies, linguistics, and law. Hebrew equips the student for cross-disciplinary learning in several fields - ancient, medieval, and contemporary. Related areas include Jewish studies, religious studies, Arabic, Greek, and the extinct languages of the Near East. Students are encouraged to incorporate study in Israel in one of the many exchange programs involving archaeology, the social sciences, or the humanities (consult the Learning Abroad Center for more information).

Hebrew majors often use their major to complement a second major in another field such as political science, sociology, journalism, history, religious studies, business, speech communications, and linguistics.

Admission Requirements

Students must complete 3 courses before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

Required Courses for Admission

**Preparatory Courses**

Note that each HEBR course below requires completion of a prerequisite HEBR course.

- CNES 1001 - World of the Bible: Introduction to the Bible and its Ancient Near Eastern Background, HP (3.0 cr)
- or CNES 1044 - Introduction to Near Eastern Archaeology, HP (3.0 cr)
- or CNES 1201 - The Bible: Context and Interpretation, LIT (3.0 cr)
- or RELA 1082 - Jesus in History, HP (3.0 cr)
- or RELA 1034 - Introduction to Jewish History and Civilization, HP (3.0 cr)
- or HEBR 1002 - Beginning Hebrew II (5.0 cr)
- or HEBR 1102 - Beginning Biblical Hebrew II (5.0 cr)
- or HEBR 4002 - Beginning Biblical Hebrew II (3.0 cr)
- or HEBR 4105 - Basics of Biblical Hebrew II (3.0 cr)

**Program Requirements**

Students are required to take 4 semester(s) of Hebrew.

**Required Courses**

**Major Courses**

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

- HEBR 3090 - Advanced Modern Hebrew (3.0 cr)
- HEBR 3200 - Advanced Classical Hebrew, H (3.0 cr)

- LAT 3xxx
- LAT 4xxx
- LAT 5xxx
College of Liberal Arts

Required Courses

Program Requirements

Required Courses

Minor Courses

Take three credits of related coursework, which may include Hebrew.

Take 11 or more credit(s) from the following:

HEBR 3xxx

History B.A.

History

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 32.

Degree: Bachelor of Arts.

History examines the past, seeking to understand the development and changes in the human experience from its origins to the present. Historians are interested in documenting and interpreting the past from its diverse theoretical, ideological, and methodological approaches and at all levels from local history to comparative and global history.

Courses range from surveys to research and intensive seminars, and focus on a rich array of topics - various regions (Europe, Africa, Asia, Latin America, United States), time periods (ancient, medieval, early modern, and modern), methods (social, cultural, economic, quantitative), and comparative themes (gender and sexuality, imperialism, race and ethnicity). Interdisciplinary programs incorporate history into a variety of other programs (history of medicine, global studies, medieval studies, American studies, women’s studies).

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of any second language.

History majors must fulfill two distribution requirements with 1xxx-5xxx courses:

1. Chronological - At least two courses must be pre-modern (roughly pre-1750) in focus, and two courses must be from the modern era (roughly post-1750).

2. Geographic - At least one course in each of two different geographic areas and one of the following courses in world history: HIST 1011W, 1012W, 1015W, 1017, 1018, 1019, 3421, 3419, 3728, 3797, 5500.
History Minor

History
Requirements for this program are current for Fall 2006.
Required credits in this minor: 14.
History examines the past, seeking to understand the development and changes in the human experience from its origins to the present. Historians are interested in documenting and interpreting the past from diverse theoretical, ideological, and methodological approaches and at all levels from local history to comparative and global history.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students take a minimum of five history courses with at least 14 upper division credits. These courses must be in at least two different cultural/geographic areas and be taken A-F. Students must receive a grade of C- or better.

Required Courses
Minor Courses
Take 5 courses with at least 14 upper division credits, in at least two different cultural/geographic areas.

Take 5 or more course(s) from the following:
HIST 1xxx
HIST 3xxx
HIST 4xxx
HIST 5xxx

History of Medicine Minor

College of Liberal Arts - Adm
Requirements for this program are current for Fall 2006.
Required credits in this minor: 14.
History of medicine courses explore the development of medical knowledge, institutions, and practices; the history of diseases; and the place of medicine in Western intellectual and social history.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Required Courses
Minor Courses
Take either pair of courses.

Health Care in History
HMED 3001W - Health Care in History I, HP, IP, WI (3.0 cr)
HMED 3002W - Health Care in History II, HP, IP, WI (3.0 cr)
or
History of Medicine
HMED 5200 - Early History of Medicine to 1700 (3.0 cr)
HMED 5201 - History of Medicine from 1700 to 1900 (3.0 cr)
Electives
Take 8 or more credit(s) from the following:
MED 3xxx
MED 4xxx
MED 5xxx

History of Science and Technology Minor
Requirements for this program are current for Fall 2006.
Required credits in this minor: 14.
Courses for this minor address the history of science and technology, including the cultural and social contexts of their development.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Required Courses
Minor Courses
Take 11 or more credit(s) from the following:
HSCI 3xxx
HSCI 4xxx
HSCI 5xxx
Take 3 or more credit(s) from the following:
HSCI 4xxx
HSCI 5xxx

Humanities in the West Minor
Requirements for this program are current for Fall 2006.
Required credits in this minor: 18.
Humanities offers integrated study of areas of civilization and major humanistic problems, drawing mainly on primary sources in literature, philosophy, history, and the arts and on relevant aspects of the human and natural sciences. This breadth of perspective provides an understanding of men and women as heirs to and creators of civilization, concerned with values and the development of the whole person.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
The minor program must be approved by the humanities program coordinator. No more than one 3xxx-4xxx course in the program may be taken directed study, directed instruction, or independent study. No more than one course may be taken S-N. All other courses must be completed with a grade of at least C.

Required Courses
Minor Courses
Take at least 10 credits from the humanities in the west sequence. Only one 1xxx HUM course may be taken.

Individually Designed Interdepartmental B.A.
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 50.
Degree: Bachelor of Arts.
The Individually Designed Interdepartmental Major (IDIM) enables students to fulfill program requirements for the B.A. degree by completing an interdepartmental program of coursework focused on a theme of their own choosing, designed in consultation with faculty and staff advisers.
IDIM programs consist of three or four areas of concentration, integrated in such a way that the major has strong thematic unity and coherence.
Working closely with an IDIM adviser, students develop program proposals that explain their academic goals and list a set of courses appropriate for meeting those goals. IDIM program proposals must be approved by three faculty or department advisers with expertise in the areas of concentration. Some departments have established guidelines for students who wish to include in their majors concentration areas based in those departments.
For specific information on proposal approval procedures and department guidelines, see the individualized degree programs Web site at http://idp.class.umn.edu.

Admission Requirements
For certain concentration areas, prerequisite courses must be completed before submitting a program proposal.
For certain concentrations a minimum overall GPA or a minimum tool course GPA is required before a student can submit a program proposal.
Students can declare the major after attending an information session (held two to three times a week). Students are not approved for the degree until they have submitted a program proposal (the submission deadline is once per semester) and the proposal has been approved by a committee and faculty or department advisers.
See the IDIM adviser for more information.
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.
Program Requirements

Students are required to take 4 semester(s) of any second language.

The 50 major credits must be distributed among three or four concentration areas, with at least 11 credits at 3xxx or above in each area. The concentrations may be departmental or thematic in composition. At least 40 of the 50 credits must be 3xxx or above.

At least 20 credits in the major must be completed after the program has been approved. No more than 12 credits of directed studies may be applied toward the major. The CLA requirement of 18 credits at or above 3xxx outside the major does not apply.

Consult an adviser for the approval of courses in the concentration areas.

Required Courses

Major Courses
Complete the required courses from the approved IDIM courses.

Senior project proposals must be approved by faculty and staff advisers the semester before the project is begun. Projects may vary widely in form, depending on a student’s major. The project proposal and the project itself must be reviewed and approved by one faculty adviser and two faculty readers.

Take 50 credits, with at least 40 credits at 3xxx or above in area(s) of concentration, in consultation with an adviser.

Students must complete an integrating senior project, earning at least 2 credits in conjunction with the project.

Italian Studies B.A.

French and Italian
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 34.
Degree: Bachelor of Arts.

The Italian studies undergraduate program examines Italian and Italian-American literature, culture, society, and history. Courses offered provide a historical perspective from the Middle Ages to the present. Students explore a variety of themes ranging from nation-building and national identity to emigration and travel, to gender relations and feminist discourses, to the study of different narrative forms and representations of Italian and Italian-American culture. Students are encouraged to take courses in other departments when these are related to Italian and Italian-American culture. For further information and updates, see the department Web site at www.cla.umn.edu/frit.

Admission Requirements

Complete the introductory Italian courses (ITAL 1001-1004).
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of Italian.

The senior project can be based on a paper written in one of the elective courses. A senior project clearance form must be signed.

Required Courses

Major Courses
ITAL 3015 - Reading, Conversation, and Composition (4.0 cr)

Electives
Some courses from other departments can count towards the major with the approval of the undergraduate adviser.
Take 30 or more credit(s) from the following:
ITAL 3xxx
ITAL 4xxx
ITAL 5xxx

Italian Studies Minor

French and Italian
Requirements for this program are current for Fall 2006.
Required credits in this minor: 16.
The Italian studies undergraduate minor program examines Italian and Italian American literature, culture, society, and history.

Admission Requirements

Students must complete 4 courses before admission to the program.
Students must complete language study equivalent to four semesters (intermediate level) before beginning the minor.
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of Italian.

Required Courses

Minor Courses
ITAL 3015 - Reading, Conversation, and Composition (4.0 cr)

Take 12 or more credit(s) from the following:
ITAL 3xxx
ITAL 4xxx
ITAL 5xxx

Jewish Studies B.A.

Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 30.
Degree: Bachelor of Arts.

This broad, interdisciplinary field studies the civilization of the Jewish people from its beginning in biblical antiquity to the present. The diverse quality of Jewish civilization and the unifying forces of its religion and language offer ample material for the study of continuity, adaptation, and change.

The undergraduate program offers courses in the Bible, Jewish history, Jewish literature, midrash, Jewish philosophy, medieval and modern Jewish studies, Talmud, and rabbinics. The program has links with the Departments of American Studies, Sociology, History, English, German, Music, and Political Science. The University’s Center for Holocaust and Genocide Studies offers courses related to the Nazi Holocaust and its aftermath.
Study abroad in Israel or Europe is encouraged as a valuable augment to the major; consult the Learning Abroad Center at 612-626-9000 for more information.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Program Requirements**

Students are required to take 4 semester(s) of Hebrew.

Students complete one of two tracks, focusing on either the diversity of Jewish civilization or the Bible and foundations of ancient Judaism. Either biblical or modern Hebrew may be required, depending on the track chosen.

**Required Courses**

**Preparatory Courses**

Choose one course from either of the two groups of courses.

**Jewish History and Civilization**

JWST 1034 - Introduction to Jewish History and Civilization, HP (3.0 cr)

or JWST 3034 - Introduction to Jewish History and Civilization, HP (3.0 cr)

or RELA 1034 - Introduction to Jewish History and Civilization, HP (3.0 cr)

or RELA 3034 - Introduction to Jewish History and Civilization, HP (3.0 cr)

**The Bible**

CNES 1201 - The Bible: Context and Interpretation, LIT (3.0 cr)

or CNES 3201 - The Bible: Context and Interpretation, LIT (3.0 cr)

or JWST 1201 - The Bible: Context and Interpretation, LIT (3.0 cr)

or JWST 3201 - The Bible: Context and Interpretation, LIT (3.0 cr)

or RELA 3201 - The Bible: Context and Interpretation, LIT (3.0 cr)

**Senior Project**

Students prepare a senior project in an appropriate area of interest. Consult a faculty adviser.

JWST 4000W - Final Project, Writing Intensive, WI (4.0 cr)

or JWST 4001W - Final Project, Writing Intensive, WI (1.0 cr)

**Program Sub-plans**

Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

**The Bible and the Foundations of Ancient Judaism**

**Required Courses**

**Biblical Hebrew**

Take one of the following course pairs:

HEBR 1101 - Beginning Biblical Hebrew I (5.0 cr)

HEBR 1102 - Beginning Biblical Hebrew II (5.0 cr)

or HEBR 4101 - Basics of Biblical Hebrew I (3.0 cr)

or HEBR 4105 - Basics of Biblical Hebrew II (3.0 cr)

**Biblical and Religious Perspectives**

Complete a minimum of 9 credits. Consult an adviser for appropriate coursework.

At least one course in Hebrew Bible/ancient Israel.

At least one course in classical/post-biblical Judaism.

One additional adviser-approved course.

**History and Material Culture**

The focus of these courses is on the use of history, archaeology, and material culture as ways of contextualizing, challenging, and supplementing the textual record. Appropriate courses include the history and archaeology of the ancient Near East, Israel, or Syro-Palestine.

Complete a minimum of two courses for 6 credits.

**Comparative Perspectives**

Courses include studies of other cultures and civilizations that are chronologically or geographically contiguous with Israelite/Jewish society through the Rabbinic period.

Complete a minimum of two courses for 6 credits.

**Intermediate Biblical Hebrew**

Students demonstrating intermediate proficiency (or higher) in biblical Hebrew without formal Hebrew language credits will be asked to complete 8 additional elective credits in lieu of these courses, chosen in consultation with the director of undergraduate studies.

HEBR 3001 - Intermediate Biblical Hebrew I (4.0 cr)

HEBR 3002 - Intermediate Biblical Hebrew II (4.0 cr)

**The Diversity of Jewish Civilization—Religion, History, and Culture**

**Required Courses**

**Biblical or Modern Hebrew**

Take one of the following course pairs:

HEBR 1001 - Beginning Hebrew I (5.0 cr)

HEBR 1002 - Beginning Hebrew II (5.0 cr)

or HEBR 1101 - Beginning Biblical Hebrew I (5.0 cr)

or HEBR 1102 - Beginning Biblical Hebrew II (5.0 cr)

or HEBR 4001 - Beginning Hebrew I (3.0 cr)

or HEBR 4002 - Beginning Hebrew II (3.0 cr)

or HEBR 4104 - Basics of Biblical Hebrew I (3.0 cr)

or HEBR 4105 - Basics of Biblical Hebrew II (3.0 cr)

**Religious Foundations**

The focus of these courses is on biblical and other classical Jewish religious texts, so that students become familiar with the idea of scripture, of authoritative texts and traditions, and of ritual practice. Appropriate topics include Bible, Rabbinics, religious thought and philosophy, ritual studies, history of interpretation, comparative religion, and religion and law.

Consult an adviser for specific coursework.

Complete a minimum of two courses for 6 credits.

**Historical, Material, and Social Perspectives**

Courses may use a range of methodologies to investigate the social construction of Jewish identity in relation to broader categories of gender, ethnicity, race, class, politics, community boundaries, and society. Consult an adviser for appropriate coursework.

Complete a minimum of two courses for 6 credits.

**Jewish Creativity and Cultural Production: Commenting on the World**

Topics may include: Jewish adaptation of forms and idioms from surrounding cultures; ritual and liturgical expressions of personal and communal religious experience; the image of the Jew in literature, music, or popular culture (whether written by Jews
or not); and the development of a distinctive diaspora poetics in Jewish culture. Consult an adviser for appropriate coursework.

Complete a minimum of two courses for 6 credits.

**Intermediate Modern or Biblical Hebrew**

Students demonstrating intermediate proficiency (or higher) in modern or biblical Hebrew without formal Hebrew language credits will be asked to complete 8 additional elective credits in lieu of these courses, chosen in consultation with the director of undergraduate studies.

*Take one of the following course pairs:*

- HEBR 3011 - Intermediate Hebrew I (5.0 cr)
- HEBR 3012 - Intermediate Hebrew II (5.0 cr)

or

- HEBR 3101 - Intermediate Biblical Hebrew I (4.0 cr)
- HEBR 3102 - Intermediate Biblical Hebrew II (4.0 cr)

**Electives**

Complete one additional course chosen in consultation with an adviser.

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**Jewish Studies Minor**

**Classical and Near Eastern Studies**

Requirements for this program are current for Fall 2006.

Required credits in this minor: 14.

The Jewish studies minor allows students to develop an additional concentration in the academic study of Jewish culture and civilization throughout history. The minor, which recognizes the diversity and international aspect of the Jewish experience, reinforces any disciplinary specialization and contributes a comparative focus. Students choose from among the full range of JWST courses in biblical studies, archaeology, ancient Judaism, Hebrew, Jewish history (including Holocaust studies), German-Jewish literature, and the American Jewish experience.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Program Requirements**

Students must take a total of five JWST courses (at least 14 credits of 3xxx or above), including one course in antiquity (ancient /medieval) and one in the modern period. Courses must be taken A-F, with grades of C- or better and a 2.00 GPA.

Up to 10 credits of biblical and/or modern Hebrew courses (3xxx or higher) may count toward the minor.

If students wish to study a second language in addition to completing four semesters of study in one language, introductory courses (1xxx or 2xxx) in an additional language may count towards the minor if relevant to Jewish studies, and with the approval of the director of undergraduate studies. This provision applies to students who have studied modern Hebrew but wish to add biblical Hebrew, or vice versa.

**Required Courses**

**Minor Courses**

At least one course at 3xxx or above that covers any aspect of Jewish civilization since 1492.

**Ancient and Medieval Foundations of Judaism**

JWST 1034 - Introduction to Jewish History and Civilization, HP (3.0 cr)

or JWST 3013W - Biblical Law and Jewish Ethics, WI (3.0 cr)

JWST 3xx-5xxx

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

JWST 3xx

JWST 4xx

JWST 5xx

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**Journalism B.A.**

**School of Journalism and Mass Communication**

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 36 to 40.

Degree: Bachelor of Arts.

The School of Journalism and Mass Communication offers three tracks focused on distinct areas of study within the discipline. The professional journalism track prepares students for careers such as news reporting, editing, and producing. The professional strategic communication track prepares students for careers in advertising and public relations. The two professional tracks are based on a liberal arts foundation, knowledge of the social context in which the professions are practiced, and the skills and experiences needed to succeed in the marketplace.

The mass communication track is for students who wish to study the economic, political, legal, and social aspects of mass communication. Students may develop a program emphasis in areas such as history, law, media effects, media industry studies, international communication, or other aspects of mass communication studies represented in the school.

About two-thirds of the coursework for the B.A. degree is outside of journalism in the social sciences, humanities, and other liberal arts. The 120-credit requirement must include at least 80 non-journalism credits, including 65 CLA credits.

**Admission Requirements**

Students must complete 30 credits before admission to the program.

Freshmen and transfer students are usually admitted to pre-major status before admission to this major.

A GPA above 2.00 is preferred for the following:

- 3.00 for students already admitted to the degree-granting college.
- 3.00 for students transferring from another University of Minnesota college.
- 3.00 for students transferring from outside the University.

The school admits a limited number of undergraduates annually. Students who are admitted usually have a 3.0 or higher overall grade point average. To apply, students must have completed JOUR 1001 with a C or higher grade and at least 30 graded (A-F) credits, including at least one semester of study (13 credits) in CLA. Students must write a statement of intent for the major application. The statement of intent provides a writing sample for the Admissions Committee and should include information about academic interests, professional goals, and mass communication or related experience.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

**Required Courses for Admission**

**Preparatory Course**

JOUR 1001 - Introduction to Mass Communication, SSCI, C/PE (3.0 cr)
Program Requirements
Students are required to take 4 semester(s) of any second language.

Majors are expected to have typing skills before enrolling in JOUR 3101. Students also must take 12 credits at 3xxx, 4xxx, or 5xxx from other departments chosen in consultation with a faculty adviser.

Required Courses

Major Courses
JOUR 3004W - Information for Mass Communication, WI (3.0 cr)
or JOUR 3004V - Honors: Information for Mass Communication, WI, H (3.0 cr)

Electives
Take 12 credits of 3xxx, 4xxx, or 5xxx courses from other departments, chosen in consultation with a faculty adviser.

Program Sub-plans

Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

Mass Communication Track
This track is for students who wish to study the economic, political, legal, and social aspects of mass communication. Students may develop a program emphasis in areas such as history, law, media effects, media industry studies, international communication, or other aspects of mass communication studies represented in the School of Journalism and Mass Communication.

Include one visual communication course in either the professional or context area of the program. Take either JOUR 3006 (context course) or JOUR 3102, JOUR 3321, or JOUR 3451(professional courses). Include two 4xxx or 5xxx level context courses to complete the CLA major project requirement.

Required Courses

Professional Courses
Take 12 or more credit(s) including 4 or more sub-requirement(s).

History
Take 1 or more course(s) from the following:
JOUR 3007 - The Media in American History and Law: Case Studies, HP (3.0 cr)
JOUR 3614 - History of Media Communication, HP (3.0 cr)
JOUR 5601W - History of Journalism, WI (3.0 cr)
JOUR 5606W - Literary Aspects of Journalism, WI (3.0 cr)
JOUR 5615 - History of the Documentary (3.0 cr)

International/Multicultural
Take 1 or more course(s) from the following:
JOUR 3552 - Internet and Global Society, IP (3.0 cr)
JOUR 3741 - People of Color and the Mass Media, CD (3.0 cr)
JOUR 4801 - Global Communication, IP (3.0 cr)
JOUR 5825 - World Communication Systems (3.0 cr)

Media Effects
Take 1 or more course(s) from the following:
JOUR 3006 - Visual Communication (3.0 cr)
JOUR 3008 - Mass Communication Processes and Structure (3.0 cr)
JOUR 4272 - Interactive Advertising (3.0 cr)
JOUR 5251 - Psychology of Advertising (3.0 cr)
JOUR 5316 - Theories of Visual Communication (3.0 cr)
JOUR 5501 - Communication and Public Opinion (3.0 cr)
JOUR 5541 - Mass Communication and Public Health (3.0 cr)

Media and Society
Take 1 or more course(s) from the following:
JOUR 3551 - Economics of New Media (3.0 cr)
JOUR 3745 - Mass Media and Popular Culture, CD, SSCI (3.0 cr)
JOUR 3771 - Mass Media Ethics: Moral Reasoning and Case Studies, C/PE (3.0 cr)
JOUR 3776 - Mass Communication Law (3.0 cr)
JOUR 3796 - Mass Media and Politics, C/PE (3.0 cr)
JOUR 4274W - Advertising in Society, WI (3.0 cr)
JOUR 4551 - New Media Culture (3.0 cr)
JOUR 4721 - Mass Media and U.S. Society (3.0 cr)
JOUR 5552 - Law of Internet Communications (3.0 cr)
JOUR 5725 - Management of Media Organizations (3.0 cr)
JOUR 5771 - Media Ethics: Principles and Practice, C/PE (3.0 cr)
JOUR 5777 - Contemporary Problems in Freedom of Speech and Press (3.0 cr)

Context Courses
Courses must be chosen in consultation with a faculty adviser. Directed study and specialized topics courses may be used to meet this requirement. With adviser approval, one to three professional (skills) courses are permitted, but not required.
Take 18 or more credit(s) from the following:
JOUR 3xxx
JOUR 4xxx
JOUR 5xxx

Professional Journalism Track
This track prepares students for careers in areas such as news reporting, editing, and producing.

Include one visual communication course in either the professional or context area of the program. Take either JOUR 3006 (context course) or JOUR 3102, JOUR 3321, or JOUR 3451 (professional courses). The capstone course and the required 4xxx or 5xxx professional course fulfill the CLA major project requirement.

Required Courses

Journalism Courses
JOUR 3101 - News Reporting and Writing (3.0 cr)

Capstone Course
JOUR 4171 - Capstone: Covering the Arts (3.0 cr)
or JOUR 4193 - Walter H Brovaid and John Cameron Sim Community Newspaper Practicum (3.0 cr)
or JOUR 4451 - Capstone: Advanced Electronic News Writing and Reporting (3.0 cr)
or JOUR 4452 - Capstone: Electronic NewsCast Producing (3.0 cr)
or JOUR 4992 - Capstone: Field Based Practicum (3.0 cr)
or JOUR 5131 - Capstone: In-Depth Reporting (3.0 cr)
or JOUR 5155 - Capstone: Advanced Reporting Methods (3.0 cr)
or JOUR 5174 - Capstone: Magazine Editing and Production (4.0 cr)

Professional Courses
Courses must be chosen in consultation with a faculty adviser. Professional courses from the strategic communication track may also be used (prerequisites must be met).
Take 12 or more credit(s) from the following:
JOUR 3102 - Visual Journalism (3.0 cr)
JOUR 3121 - Public Affairs Reporting (3.0 cr)
JOUR 3155 - Publications Editing (3.0 cr)
JOUR 3173 - Magazine Writing, WI (3.0 cr)
JOUR 3321 - Basic Media Graphics (3.0 cr)
JOUR 3451 - Electronic News Writing and Reporting (3.0 cr)
JOUR 3990 - Special Topics in Mass Communication: Professional (3.0 cr)
Take 3 or more credit(s) from the following:
JOUR 4171 - Capstone: Covering the Arts (3.0 cr)
JOUR 4193 - Walter H Brovald and John Cameron Sim Community Newspaper Practicum (3.0 cr)
JOUR 4302 - Electronic Photojournalism (3.0 cr)
JOUR 4451 - Capstone: Advanced Electronic News Writing and Reporting (3.0 cr)
JOUR 4452 - Capstone: Electronic Newscast Producing (3.0 cr)
JOUR 4992 - Capstone: Field Based Practicum (3.0 cr)
JOUR 5131 - Capstone: In-Depth Reporting (3.0 cr)
JOUR 5155 - Capstone: Advanced Reporting Methods (3.0 cr)
JOUR 5174 - Capstone: Magazine Editing and Production (4.0 cr)
JOUR 4990 - Special Topics in Mass Communication: Professional (3.0 cr)
JOUR 5990 - Special Topics in Mass Communication: Professional (3.0 cr)

Context Courses
Courses must be chosen in consultation with a faculty adviser. Directed study and specialized topics courses may be used to meet this requirement.

Take 9 or more credit(s) from the following:
JOUR 3xxx
JOUR 4xxx
JOUR 5xxx

Take 3 or more credit(s) from the following:
JOUR 4xxx
JOUR 5xxx

Professional Strategic Communication Track
This track prepares students for careers in advertising and public relations.

Include one visual communication course in either the professional or context area of the program. Take either JOUR 3006 (context course) or JOUR 3102, JOUR 3321, or JOUR 3451 (professional courses). JOUR 4259 and 4263 fulfill the CLA major project requirement.

Required Courses

Strategic Communication Courses
JOUR 3201 or JOUR 3202 are prerequisites for JOUR 3251 and JOUR 4259 and JOUR 4263
JOUR 3251 - Strategic Communication Research (3.0 cr)
JOUR 4259 - Cases in Strategic Planning and Thinking (3.0 cr)
JOUR 4263 - Strategic Communication Campaigns (4.0 cr)
JOUR 3201 - Principles of Strategic Communication: Advertising (3.0 cr)
or JOUR 3202 - Principles of Strategic Communication: Public Relations (3.0 cr)

Professional Courses
Courses must be chosen in consultation with a faculty adviser. Professional courses from the journalism track may also be used (prerequisites must be met).

Take 6 or more credit(s) from the following:
JOUR 3241 - Creative Strategy and Copywriting (3.0 cr)
JOUR 3279W - Public Relations Writing and Campaign Tactics, WI (3.0 cr)
JOUR 3321 - Basic Media Graphics (3.0 cr)
JOUR 4193 - Walter H Brovald and John Cameron Sim Community Newspaper Practicum (3.0 cr)
JOUR 4261 - Advertising: Media Strategy (3.0 cr)
JOUR 4990 - Special Topics in Mass Communication: Professional (3.0 cr)
JOUR 5990 - Special Topics in Mass Communication: Professional (3.0 cr)

Context Courses
Courses must be chosen in consultation with a faculty adviser. Directed study and specialized topics courses may be used to meet this requirement.

Take 9 or more credit(s) from the following:
JOUR 3xxx
JOUR 4xxx
JOUR 5xxx

Take 3 or more credit(s) from the following:
JOUR 4xxx
JOUR 5xxx

Latin B.A.

Classical and Near Eastern Studies
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 30.
Degree: Bachelor of Arts.

Modern “Romance” languages (French, Italian, Spanish, and Portuguese) are derived from Latin, as is much English vocabulary. The Latin major allows students to enjoy a large range of literature written over more than a millennium and a half. It is concerned with the language and literature of the Roman Republic and Empire and later Latin literature from the Middle Ages to the Renaissance, as well as with Roman religion, history, archaeology, and art. It is in its essence interdisciplinary; it also has connections with the study of Greek and other ancient languages and cultures, as well as with the majors in classical civilization and religious studies, and minors such as medieval studies. Latin majors who intend to continue in classics graduate studies are encouraged to study Greek as well.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Preparatory Courses
Take one of the following course pairs:
LAT 1001 - Beginning Latin I (5.0 cr)
LAT 1002 - Beginning Latin II (5.0 cr)
or
LAT 1111H - Honors Course: Beginning Latin, H (3.0 cr)
LAT 1112H - Honors Course: Beginning Latin, Recitation, H (3.0 cr)
or
LAT 3111 - Intensive Latin (3.0 cr)
LAT 3112 - Intensive Latin, Recitation (3.0 cr)
or
Students with four years high school Latin should choose one of the following:
CNES 1003 - World of Rome, HP (3.0 cr)
CNES 1042 - Greek and Roman Mythology, OH (4.0 cr)

Program Requirements
Students are required to take 4 semester(s) of Latin.

Required Courses

Major Courses
Courses must be at 3113 or above.

Take 14 or more credit(s) from the following:
LAT 3xxx
LAT 5xxx
Electives
Take at least one course in ancient culture at 3xxx or above. The remaining credits may be from any Latin or Greek courses at 3113 or above (excluding those used to fulfill the major courses requirement); any CNES course at 3xxx or above; or other courses in history, art, medieval studies, or other appropriate area, with the approval of the director of undergraduate studies.

Take 12 or more credit(s) from the following:
- CNES 3xxx
- CNES 4xxx
- CNES 5xxx
- GRK 3xxx
- GRK 5xxx
- LAT 3xxx
- LAT 5xxx

Senior Project
Students who complete a major project for another CLA major must substitute 4 credits of Latin (3113 or above) or other appropriate coursework at 3xxx or above for the senior project.
LAT 3951W - Major Project, WI (4.0 cr)

Latin Minor
Classical and Near Eastern Studies
Requirements for this program are current for Fall 2006.
Required credits in this minor: 14.
The minor program permits those who have satisfied the language requirement with Latin to more widely read Latin authors of antiquity and the Middle Ages and to add to their knowledge of Roman and medieval civilization.

Admission Requirements
Students must complete 2 courses before admission to the program.
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission
Preparatory Courses
Take one of the following course pairs:
- LAT 1001 - Beginning Latin I (5.0 cr)
- LAT 1002 - Beginning Latin II (5.0 cr)
or
- LAT 1111H - Honors Course: Beginning Latin, H (3.0 cr)
- LAT 1112H - Honors Course: Beginning Latin, Recitation, H (3.0 cr)
or
- LAT 3111 - Intensive Latin (3.0 cr)
- LAT 3112 - Intensive Latin, Recitation (3.0 cr)
and
- CNES 1003 - World of Rome, HP (3.0 cr)
or
- CNES 1042 - Greek and Roman Mythology, OH (4.0 cr)
or
- CNES 1043

Program Requirements
Required Courses
Minor Courses
Students must take 11 credits in Latin courses at 3113 or above and 3 credits of related coursework at 3xxx or above, which may include courses in Latin, Greek, other ancient languages, classics courses, and other courses in ancient culture.

Take 11 or more credit(s) from the following:
- LAT 3xxx
- LAT 4xxx
- LAT 5xxx
One ancient culture course of at least 3 credits, chosen in consultation with an adviser.

Take 3 or more credit(s) from the following:
- CNES 3xxx
- CNES 4xxx
- CNES 5xxx
- GRK 3xxx
- GRK 4xxx
- GRK 5xxx
- HEBR 3xxx
- HEBR 4xxx
- HEBR 5xxx
- LAT 3xxx
- LAT 4xxx
- LAT 5xxx

Latin American Studies Minor
Institute for Global Studies
Requirements for this program are current for Fall 2006.
Required credits in this minor: 15.
The minor requires successful completion of SPAN 1004 or PORT 1104 (or equivalent), plus five 3xxx-5xxx courses (totaling at least 15 credits) related to Latin America. Additional information may be found at http://igs.cla.umn.edu.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of Spanish, Portuguese.
Courses must be drawn from a minimum of three different departments. Courses must be taken A-F, with a grade of C- or better. The minor program must be approved by a global studies adviser.

Required Courses
Minor Courses
- GEOG 4121W - Latin America, ENVT, IP, WI (4.0 cr)
- HIST 3401W - Early Latin America to 1825, HP, IP, WI (4.0 cr)
or
- HIST 3402W - Modern Latin America 1825 to Present, HP, IP, WI (4.0 cr)
Two courses (6 cr) in the humanities related to Latin America as a region or a specific Latin American country, chosen in consultation with a global studies adviser.
One course (3 cr) focusing on any aspect of Latin America, chosen in consultation with a global studies adviser.

Learning Abroad Minor
Requirements for this program are current for Fall 2006.
Required credits in this minor: 12.
The minor helps students integrate their study abroad with supporting University coursework from a variety of disciplines. Since some of the required courses must be taken before departure, careful advance planning is essential. A detailed
explanation of requirements and guidance concerning course selection is available from the academic advisers at the Learning Abroad Center in 230 Heller Hall. For more information call 612-626-9000 or 888-700-UOFM, e-mail UMabroad@umn.edu, or visit www.UMabroad.umn.edu.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) appropriate to country of study.

Required Courses

Minor Courses
COMM 3451 must be taken before departure to study abroad, and COMM 3452 must be taken upon return.
COMM 3451W - Intercultural Communication: Theory and Practice, IP, WI (3.0 cr)
COMM 3452W - Communication and the Intercultural Reentry, WI (3.0 cr)

Students must take at least 6 credits of 3xxx-5xxx courses focusing on the region or country of study.

Linguistics B.A.

Institute of Linguistics, ESL, and Slavic Languages and Literatures
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 35.
Degree: Bachelor of Arts.

Linguistics is the scientific study of human language. Courses explore the principles governing the structure of natural languages, how languages are acquired by children and adults, the role of language in human cognition and social interaction, and how languages change over time.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses

Major Courses
LING 4002 - Linguistic Analysis (3.0 cr)
LING 5201 - Syntax I (3.0 cr)
LING 5302 - Phonology I (3.0 cr)
LING 3001 - Introduction to Linguistics, SSCI (4.0 cr)
or LING 5001 - Introduction to Linguistics (4.0 cr)
LING 3601 - Historical Linguistics (3.0 cr)
or LING 5601 - Historical Linguistics (3.0 cr)
or complete one course in the history and/or structure of a language.

Electives
Any class with a LING designator that is not in Group A may be used to complete the 9 required credits for Group B, provided no more than 3 such credits are from a 1xxx class.

Up to 6 of the minimum 9 credits in Group B may be taken in an allied discipline, subject to the approval of the director of undergraduate studies.

Group A
Take 9 or more credit(s) from the following:
LING 5105 - Field Methods in Linguistics I (4.0 cr)
LING 5106 - Field Methods in Linguistics II (4.0 cr)
LING 5202 - Syntax II (3.0 cr)
LING 5205 - Semantics (3.0 cr)
LING 5206 - Linguistic Pragmatics (3.0 cr)
LING 5303 - Phonology II (3.0 cr)

Group B
Take 9 or more credit(s) from the following:
LING 1xxx
LING 2xxx
LING 3xxx
LING 4xxx
LING 5xxx

Senior Project
Complete LING 4901 with at least a grade of S. The usual requirement for this course is the revision and expansion of a paper written for another linguistics course, but it may involve an original research paper. Student complete this paper under the supervision of a professor. The paper must be approved by the director of undergraduate studies.
LING 4901W - Senior Project, WI (1.0 cr)

Linguistics Minor

Institute of Linguistics, ESL, and Slavic Languages and Literatures
Requirements for this program are current for Fall 2006.
Required credits in this minor: 16.

Linguistics is the scientific study of human language. Courses explore the principles governing the structure of natural languages, how languages are acquired by children and adults, the role of language in human cognition and social interaction, and how languages change over time.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
The minor program must by approved by the director of undergraduate studies.

Required Courses

Minor Courses
LING 3001 - Introduction to Linguistics, SSCI (4.0 cr)
LING 4002 - Linguistic Analysis (3.0 cr)
LING 5201 - Syntax I (3.0 cr)
or LING 5302 - Phonology I (3.0 cr)

Take 6 or more credit(s) from the following:
LING 3xxx
LING 4xxx
LING 5xxx
Mathematics B.A.

School of Mathematics

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 41.

Degree: Bachelor of Arts.

The School of Mathematics offers a program in the College of Liberal Arts leading to a bachelor of arts degree. The course of study is flexible and may be adapted to satisfy a wide variety of interests and needs. Students may prepare for graduate study in mathematics or may emphasize various fields of interest, such as preparation for secondary school teaching; actuarial science; or programs in applied mathematics including industrial mathematics, biology, mathematics applicable to computer science, and numerical analysis. Programs for the actuarial science, secondary school teaching, and computer science specializations earn a designation that appears on the diploma.

Admission Requirements

Students must complete 1 courses before admission to the program.

One 2xxx mathematics course must be completed before admission to the major.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of any second language.

Required Courses

Major Courses

Students in the honors program should substitute the honors calculus sequence (Math 1571H, 1572H, 2573H and 2574H) for these courses.

Calculus Sequence

MATH 1271 - Calculus I, MATH (4.0 cr)
or MATH 1371 - IT Calculus I, MATH (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)
or MATH 1372 - IT Calculus II (4.0 cr)
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
or MATH 2373 - IT Linear Algebra and Differential Equations (4.0 cr)
MATH 2263 - Multivariable Calculus (4.0 cr)
or MATH 2374 - IT Multivariable Calculus and Vector Analysis (4.0 cr)
MATH 2283 - Sequences, Series, and Foundations (3.0 cr)
or MATH 3283W - Sequences, Series, and Foundations: Writing Intensive, WI (4.0 cr)

Senior Project

Students should consult with a mathematics adviser prior to beginning the senior year.

MATH 4997W - Senior project (Writing Intensive), WI (1.0 cr)
or MATH 4995 - Senior Project for CLA (1.0 cr)
or Senior Project

Mathematics Options

Students are required to complete one of the following course groups.

Mathematics (No Specialization)

Students who do not choose one of the other specializations must complete the basic requirements listed here.

Take 6 or more course(s) including 2 or more sub-requirement(s) from the following:

Algebra Sequence

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

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

MATH 4281 - Introduction to Modern Algebra (4.0 cr)
MATH 5248 - Cryptology and Number Theory (4.0 cr)
MATH 5251 - Error-Correcting Codes, Finite Fields, Algebraic Curves (4.0 cr)
MATH 5285H - Honors: Fundamental Structures of Algebra I, H (4.0 cr)
MATH 5286H - Honors: Fundamental Structures of Algebra II, H (4.0 cr)
MATH 5385 - Introduction to Computational Algebraic Geometry (4.0 cr)

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

MATH 4242 - Applied Linear Algebra (4.0 cr)
MATH 5705 - Enumerative Combinatorics (4.0 cr)
MATH 5707 - Graph Theory and Non-enumerative Combinatorics (4.0 cr)
MATH 5711 - Linear Programming and Combinatorial Optimization (4.0 cr)
MATH 5485 - Introduction to Numerical Methods I (4.0 cr)

Analysis Sequence

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

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

MATH 4606 - Advanced Calculus (4.0 cr)
MATH 5486 - Introduction To Numerical Methods II (4.0 cr)
MATH 5525 - Introduction to Ordinary Differential Equations (4.0 cr)
MATH 5535 - Dynamical Systems and Chaos (4.0 cr)
MATH 5583 - Complex Analysis (4.0 cr)
MATH 5587 - Elementary Partial Differential Equations I (4.0 cr)
MATH 5588 - Elementary Partial Differential Equations II (4.0 cr)
MATH 5652 - Introduction to Stochastic Processes (4.0 cr)
MATH 5654 - Prediction and Filtering (4.0 cr)
MATH 5615H - Honors: Introduction to Analysis I, H (4.0 cr)
MATH 5616H - Honors: Introduction to Analysis II, H (4.0 cr)
MATH 5651 - Basic Theory of Probability and Statistics (4.0 cr)
or STAT 5101 - Theory of Statistics I (4.0 cr)

Additional Electives

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

MATH 4xxx
MATH 5xxx

-OR-

Actuarial Science Specialization

Complete the requirements for the Actuarial Science subplan.

-OR-

Mathematics Education Specialization

Complete the requirements for the Education subplan.

-OR-

Computer Applications Specialization

Complete the requirements for the Computer Applications subplan.

Program Sub-plans

A sub-plan is not required for this program.
Actuarial Science

Required Courses
Math and Computer Science
MATH 4065 - Theory of Interest (3.0 cr)
MATH 5067 - Actuarial Mathematics I (4.0 cr)
MATH 5068 - Actuarial Mathematics II (4.0 cr)
CSCI 1103 - Introduction to Computer Programming in Java (4.0 cr)
or CSCI 1113 - Introduction to C/C++ Programming for Scientists and Engineers (4.0 cr)
MATH 5651 - Basic Theory of Probability and Statistics (4.0 cr)
or STAT 5101 - Theory of Statistics I (4.0 cr)
MATH 5652 - Introduction to Stochastic Processes (4.0 cr)
or STAT 5102 - Theory of Statistics II (4.0 cr)
MATH 4242 - Applied Linear Algebra (4.0 cr)

Take 1 or more course(s) from the following:
MATH 4281 - Introduction to Modern Algebra (4.0 cr)
or STAT 5102 - Theory of Statistics II (4.0 cr)
MATH 5251 - Error-Correcting Codes, Finite Fields, Algebraic Curves (4.0 cr)
or MATH 5256H - Honors: Fundamental Structures of Algebra I, H (4.0 cr)
MATH 5285H - Honors: Fundamental Structures of Algebra II, H (4.0 cr)
MATH 5385 - Introduction to Computational Algebraic Geometry (4.0 cr)
MATH 5711 - Linear Programming and Combinatorial Optimization (4.0 cr)

Economics and Business
ACCT 2050 - Introduction to Financial Reporting (4.0 cr)
ECON 3101 - Intermediate Microeconomics (4.0 cr)
FINA 3001 - Finance Fundamentals (3.0 cr)
ECON 4751 - Financial Economics (3.0 cr)
or FINA 4241 - Corporate Financing Decisions (4.0 cr)

Take one of the following pairs of courses.
ECON 1101 - Principles of Microeconomics, IP, SSCI (4.0 cr)
ECON 1102 - Principles of Macroeconomics, IP, SSCI (4.0 cr)
or
ECON 1104 - Principles of Microeconomics, IP, SSCI (4.0 cr)
ECON 1105 - Principles of Macroeconomics, IP, SSCI (4.0 cr)

Take 2 or more course(s) from the following:
INS 4100 - Corporate Risk Management (2.0 cr)
INS 4101 - Employee Benefits (2.0 cr)
INS 4200 - Insurance Theory and Practice (2.0 cr)

Computer Applications

Required Courses
Computing Applications
MATH 5486 may be used to count towards the analysis distribution requirement and MATH 5485 towards the algebra requirement.
CSCI 2011 - Discrete Structures of Computer Science (4.0 cr)
MATH 5165 - Mathematical Logic I (4.0 cr)
MATH 5485 - Introduction to Numerical Methods I (4.0 cr)
MATH 5486 - Introduction to Numerical Methods II (4.0 cr)
CSCI 1103 - Introduction to Computer Programming in Java (4.0 cr)
or CSCI 1113 - Introduction to C/C++ Programming for Scientists and Engineers (4.0 cr)
or CSCI 1901 - Structure of Computer Programming I (4.0 cr)

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

Additional Algebra Course
MATH 4281 - Introduction to Modern Algebra (4.0 cr)
MATH 5248 - Cryptology and Number Theory (4.0 cr)

Additional Analysis Course
Take 1 or more course(s) from the following:
MATH 4606 - Advanced Calculus (4.0 cr)
MATH 5525 - Introduction to Ordinary Differential Equations (4.0 cr)
MATH 5535 - Dynamical Systems and Chaos (4.0 cr)
MATH 5583 - Complex Analysis (4.0 cr)
MATH 5587 - Elementary Partial Differential Equations I (4.0 cr)
MATH 5588 - Elementary Partial Differential Equations II (4.0 cr)
MATH 5652 - Introduction to Stochastic Processes (4.0 cr)
MATH 5654 - Prediction and Filtering (4.0 cr)
MATH 5615H - Honors: Introduction to Analysis I, H (4.0 cr)
MATH 5616H - Honors: Introduction to Analysis II, H (4.0 cr)
MATH 5651 - Basic Theory of Probability and Statistics (4.0 cr)
or STAT 5101 - Theory of Statistics I (4.0 cr)

Upper Division Computer Science
Take 3 or more course(s) from the following:
CSCI 4041 - Algorithms and Data Structures (4.0 cr)
CSCI 5107 - Fundamentals of Computer Graphics I (3.0 cr)
CSCI 5108 - Fundamentals of Computer Graphics II (3.0 cr)
CSCI 5403 - Computational Complexity (3.0 cr)
CSCI 5421 - Advanced Algorithms and Data Structures (3.0 cr)
CSCI 5511 - Artificial Intelligence I (3.0 cr)
CSCI 5521 - Pattern Recognition (3.0 cr)
CSCI 8442 - Computational Geometry and Applications (3.0 cr)
CSCI 5512W - Artificial Intelligence II, WI (3.0 cr)
or CSCI 5519 - Artificial Intelligence II (non-WI) (3.0 cr)

Education
Seven math courses are chosen specifically for preparation to teach in secondary education, including two courses from the algebra list and two courses from the analysis list. MATH 4707 will be accepted as an algebra course only for students completing this specialization.

Required Courses
Mathematics
These courses fulfill the both the algebra and analysis requirements.
MATH 5335 - Geometry I (4.0 cr)
MATH 4242 - Applied Linear Algebra (4.0 cr)
or MATH 4281 - Introduction to Modern Algebra (4.0 cr)
or MATH 5285H - Honors: Fundamental Structures of Algebra I, H (4.0 cr)
MATH 4707 - Introduction to Combinatorics and Graph Theory (4.0 cr)
or MATH 5705 - Enumerative Combinatorics (4.0 cr)
or MATH 5707 - Graph Theory and Non-enumerative Combinatorics (4.0 cr)
MATH 5651 - Basic Theory of Probability and Statistics (4.0 cr)
or STAT 5101 - Theory of Statistics I (4.0 cr)

Take 3 or more course(s) from the following:
MATH 4xxx
MATH 5xxx
Mathematics Minor
Requirements for this program are current for Fall 2006.
Required credits in this minor: 20 to 26.
Students complete all the lower division requirements in the mathematics major, plus two upper division electives. See the mathematics major description for information on the utility of a mathematics degree.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Required Courses

Minor Courses
MATH 1371 - IT Calculus I, MATH (4.0 cr)
or MATH 1271 - Calculus I, MATH (4.0 cr)
or MATH 1281 - Calculus with Biological Emphasis I, MATH (4.0 cr)
MATH 1372 - IT Calculus II (4.0 cr)
or MATH 1272 - Calculus II (4.0 cr)
or MATH 1282 - Calculus With Biological Emphasis II (4.0 cr)
MATH 2373 - IT Linear Algebra and Differential Equations (4.0 cr)
or MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
MATH 2374 - IT Multivariable Calculus and Vector Analysis (4.0 cr)
or MATH 2263 - Multivariable Calculus (4.0 cr)
MATH 2283 - Sequences, Series, and Foundations (3.0 cr)
or MATH 3283W - Sequences, Series, and Foundations: Writing Intensive, WI (4.0 cr)
or Honors Sequence
MATH 1571H - Honors Calculus I, MATH, H (4.0 cr)
MATH 1572H - Honors Calculus II, H (4.0 cr)
MATH 2573H - Honors Calculus III, H (4.0 cr)
MATH 2574H - Honors Calculus IV, H (4.0 cr)

Electives
Complete two MATH courses or STAT 5101 and 5102.

Take 2 or more course(s) from the following:
MATH 3xxx
MATH 4xxx
MATH 5xxx
STAT 5101 - Theory of Statistics I (4.0 cr)
STAT 5102 - Theory of Statistics II (4.0 cr)

Medieval Studies Minor
Center for Medieval Studies
Requirements for this program are current for Fall 2006.
Required credits in this minor: 15.
The minor covers the period of roughly between 300 and 1500 B.C.E. It includes the history, art history, theater and music history, literature, and languages of the period, including Latin, French, Italian, English, Old English, Scandinavian, and German.
The program allows students with an interest in the medieval period or who are planning to pursue graduate work in one of the related areas to concentrate their studies as a coherent whole.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Required Courses

Minor Courses
Courses must be 3xxx, 4xxx, or 5xxx, chosen from approved course lists in consultation with the director of undergraduate studies of CLA’s Center for Medieval Studies. All applicable courses originate in other departments. Many of these are cross-listed as MEST 3610, MEST 4610, and MEST 5610. A list of appropriate courses is available at the Center for Medieval Studies.

Microbiology B.A.
Microbiology
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 66.
Degree: Bachelor of Arts.
Microbiology examines the nature and activities of microorganisms, the distinctive microscopical life forms that recycle the elements in aquatic, atmospheric, and soil environments. The field has applications for fields of industry, agriculture, and medicine. As remarkably useful model systems for research, microorganisms play a key role in the development of modern biology. The program prepares students for graduate study or professional work in microbiology as well as in related biological fields.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses

General and Organismal Biology
Choose either sequence A or B or C.

Sequence A
BIOL 1001 - Introductory Biology I: Evolutionary and Ecological Perspectives, BIOL SCI/L, ENV T (4.0 cr)
BIOL 1002W - Introductory Biology II: Molecular, Cellular, and Developmental Perspectives, WI (5.0 cr)
or
Sequence B
BIOL 1009 - General Biology, BIOL SCI/L (4.0 cr)
Take the following course or course pair:
BIOL 2012 - General Zoology (4.0 cr)
or
BIOL 3211 - Animal Physiology (3.0 cr)
BIOL 2005 - Animal Diversity Laboratory (1.0 cr)
or
Sequence C
BIOL 1009 - General Biology, BIOL SCI/L (4.0 cr)
Take either BIOL 2022 or 3007W, or both BIOL 3002 and 3005W.
BIOL 2022 - General Botany (3.0 cr)
or BIOL 3007W - Plant Biology: Diversity and Adaptation, WI (4.0 cr)
or BIOL 3002 - Plant Biology: Function (2.0 cr)
BIOL 3005W - Plant Function Laboratory, WI (2.0 cr)

Mathematics
MATH 1271 - Calculus I, MATH (4.0 cr)
or MATH 1281 - Calculus with Biological Emphasis I, MATH (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)
or MATH 1282 - Calculus With Biological Emphasis II (4.0 cr)

Chemistry
CHEM 1021 - Chemical Principles I, ENVT, PHYS SCI/L (4.0 cr)
CHEM 1022 - Chemical Principles II, ENVT, PHYS SCI/L (4.0 cr)
CHEM 2301 - Organic Chemistry I (3.0 cr)
CHEM 2302 - Organic Chemistry II (3.0 cr)
CHEM 2311 - Organic Lab (4.0 cr)

Physics
PHYS 1201W - Introductory Physics for Biology and Pre-medicine I, PHYS SCI/L, WI (5.0 cr)
or PHYS 1301W - Introductory Physics for Science and Engineering I, PHYS SCI/L, WI (4.0 cr)
PHYS 1202W - Introductory Physics for Biology and Pre-medicine II, PHYS SCI/L, WI (5.0 cr)
or PHYS 1302W - Introductory Physics for Science and Engineering II, PHYS SCI/L, WI (4.0 cr)

Major Core Curriculum
BIOL 4003 - Genetics (3.0 cr)
MICB 3301 - Biology of Microorganisms (5.0 cr)
BIOC 3021 - Biochemistry (3.0 cr)
or BIOC 4331 - Biochemistry I: Structure, Catalysis, and Metabolism in Biological Systems (4.0 cr)

Electives
Take 4 or more course(s) from the following:
MICB 4111 - Microbial Physiology and Diversity (3.0 cr)
MICB 4121 - Microbial Ecology and Applied Microbiology (3.0 cr)
MICB 4131 - Immunology (3.0 cr)
MICB 4151 - Molecular and Genetic Bases for Microbial Diseases (3.0 cr)
MICB 4141W - Biology, Genetics, and Pathogenesis of Viruses: Writing Intensive, WI (4.0 cr)
or MICB 4171 - Biology, Genetics, and Pathogenesis of Viruses (3.0 cr)

Lab Electives
Choose Option A or B. If Option B is chosen, MICB 4794W/4994 must be taken for 6 credits.

Option A
MICB 4215 - Advanced Laboratory: Microbial Physiology and Diversity (3.0 cr)
MICB 4235 - Advanced Laboratory: Virology, Immunology, and Microbial Genetics (3.0 cr)

Take 6 or more credit(s) from the following:
MICB 4993 - Directed Studies (1.0-7.0 cr)
MICB 4994 - Directed Research (1.0-7.0 cr)
or

Option B
MICB 4994 - Directed Research (1.0-7.0 cr)
MICB 4215 - Advanced Laboratory: Microbial Physiology and Diversity (3.0 cr)
or MICB 4235 - Advanced Laboratory: Virology, Immunology, and Microbial Genetics (3.0 cr)

Final Project
Complete 6 credits in one of the following:
MICB 4993 - Directed Studies (1.0-7.0 cr)
or MICB 4994 - Directed Research (1.0-7.0 cr)

Music B.Mus.
School of Music
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 78.
Degree: Bachelor of Music.
The B.Mus. in performance is a professional degree in which music courses comprise approximately 75 percent of the program.

Admission Requirements
Admission to a music program is contingent on passing an audition. Auditions are highly competitive with students normally having studied for a number of years: a minimum of three to four years in voice, guitar, or on an orchestral or band instrument, eight to twelve years on piano. Auditions are held throughout the academic year. Incoming freshmen normally take the audition during the winter of their senior year of high school; transfer students, one semester prior to the term in which they plan to enroll.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Required Courses
Music Theory and Ear Training
MUS 1501 - Musical Theory I (3.0 cr)
MUS 1502 - Musical Theory II (3.0 cr)
MUS 1511 - Ear Training 1 (1.0 cr)
MUS 1512 - Ear Training II (1.0 cr)
MUS 3501 - Theory and Analysis of Tonal Music III (3.0 cr)
MUS 3502 - Theory and Analysis of Tonal Music IV (3.0 cr)
MUS 3511 - Ear Training III (1.0 cr)
MUS 3512 - Ear Training IV (1.0 cr)
MUS 4504 - Intensive Theory and Analysis of 20th-Century Music (4.0 cr)
or MUS 4502 - 18th-Century Counterpoint (3.0 cr)
or MUS 4503 - Theory and Analysis of Tonal Music V (3.0 cr)
or MUS 4505 - Jazz Theory (3.0 cr)
MUS 5541 - 16th Century Counterpoint (3.0 cr)

Musicology/Ethnomusicology
MUS 1801W - Music, Society, and Cultures, IP, WI (3.0 cr)
MUS 3601W - History of Western Music I, WI (3.0 cr)
MUS 3602W - History of Western Music II, WI (3.0 cr)
MUS 3603W - History of Western Music III, WI (3.0 cr)

Conducting
MUS 3401 - Basic Conducting (2.0 cr)

Recital
MUS 901 - Junior Recital (0.0 cr)
MUS 951 - Senior Recital (0.0 cr)

Instrumental/Vocal Specializations
Students are required to complete one of the following course groups.

Classical Guitar
Credit requirements in each course group must be satisfied by taking the courses for multiple semesters.
College of Liberal Arts

Keyboard
Take either MUS 1155 or both MUS 1151-1152.
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)

Applied Music
Take 32 or more credit(s).
Take 8 or more credit(s) from the following:
MUSA 1323 - Harp — Major (2.0-4.0 cr)
Take 8 or more credit(s) from the following:
MUSA 2322 - Harp — Performance Major (2.0-4.0 cr)
Take 16 or more credit(s) from the following:
MUSA 3322 - Harp — Major (2.0-4.0 cr)

Applied Music
Take either MUS 1155 or both MUS 1151-1152.
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)

Applied Music
Take 32 or more credit(s) from the following:
MUSA 1301 - Piano — Major (2.0-4.0 cr)
Take 8 or more credit(s) from the following:
MUSA 2301 - Piano — Performance Major (2.0-4.0 cr)
Take 16 or more credit(s) from the following:
MUSA 3301 - Piano — Major (2.0-4.0 cr)

Electives
Take 1 or more credit(s) from the following:
MUS 1xxx
MUS 2xxx
MUS 3xxx

-OR-

Harp
Credit requirements in each course group must be satisfied by taking the courses for multiple semesters.

Keyboard
Take either MUS 1155 or both MUS 1151-1152.
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)

Applied Music
Take 32 or more credit(s) from the following:
MUSA 1322 - Harp — Major (2.0-4.0 cr)
Take 8 or more credit(s) from the following:
MUSA 2322 - Harp — Performance Major (2.0-4.0 cr)
Take 16 or more credit(s) from the following:
MUSA 3322 - Harp — Major (2.0-4.0 cr)

Electives
Take 1 or more credit(s) from the following:
MUS 1xxx
MUS 2xxx
MUS 3xxx

-OR-

Organ
Credit requirements in each course group must be satisfied by taking the courses for multiple semesters.

Keyboard
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)
MUS 5151 - Organ Literature I (3.0 cr)
MUS 5152 - Organ Literature II (3.0 cr)

Applied Music
Take 32 or more credit(s) from the following:
Take 8 or more credit(s) from the following:
MUSA 1303 - Organ — Major (2.0-4.0 cr)
Take 8 or more credit(s) from the following:
MUSA 2303 - Organ — Performance Major (2.0-4.0 cr)
Take 16 or more credit(s) from the following:
MUSA 3303 - Organ — Major (2.0-4.0 cr)

Electives
Take 1 or more credit(s) from the following:
MUS 1xxx
MUS 2xxx
MUS 3xxx

-OR-

Piano
Credit requirements in each course group must be satisfied by taking the courses for multiple semesters.

Keyboard
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1156 - Keyboard Skills II (2.0 cr)
MUS 5101 - Piano Pedagogy I (2.0 cr)
MUS 5181 - Advanced Piano Literature I (2.0 cr)
or MUS 5182 - Advanced Piano Literature II (2.0 cr)

Applied Music
Take 32 or more credit(s) from the following:
Take 8 or more credit(s) from the following:
MUSA 1301 - Piano — Major (2.0-4.0 cr)
Take 8 or more credit(s) from the following:
MUSA 2301 - Piano — Performance Major (2.0-4.0 cr)
Take 16 or more credit(s) from the following:
MUSA 3301 - Piano — Major (2.0-4.0 cr)

Ensemble
Take 4 or more course(s) from the following:
MUS 3150 - Accompanying Skills (1.0 cr)
MUS 3440 - Chamber Ensemble (1.0 cr)

Electives
Take 1 or more credit(s) from the following:
MUS 1xxx
MUS 2xxx
MUS 3xxx

-OR-

String, Woodwind, Brass, Percussion
Credit requirements in each course group must be satisfied by taking the courses for multiple semesters.
Keyboard
Take either MUS 1155 or both MUS 1151-1152.
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)

Applied Music
Take 32 or more credit(s) from the following:
Take 8 or more credit(s) from the following:
MUSA 1305 - Violin—Major (2.0-4.0 cr)
MUSA 1306 - Viola—Major (2.0-4.0 cr)
MUSA 1307 - Cello—Major (2.0-4.0 cr)
MUSA 1308 - Double Bass—Major (2.0-4.0 cr)
MUSA 1309 - Flute-Major (2.0-4.0 cr)
MUSA 1311 - Oboe—Major (2.0-4.0 cr)
MUSA 1312 - Clarinet—Major (2.0-4.0 cr)
MUSA 1313 - Saxophone—Major (2.0-4.0 cr)
MUSA 1314 - Bassoon—Major (2.0-4.0 cr)
MUSA 1315 - French Horn—Major (2.0-4.0 cr)
MUSA 1316 - Trumpet—Major (2.0-4.0 cr)
MUSA 1317 - Trombone—Major (2.0-4.0 cr)
MUSA 1318 - Euphonium—Major (2.0-4.0 cr)
MUSA 1319 - Tuba—Major (2.0-4.0 cr)
MUSA 1321 - Percussion—Major (2.0-4.0 cr)

Take 8 or more credit(s) from the following:
MUSA 2305 - Violin-Performance Major (2.0-4.0 cr)
MUSA 2306 - Viola-Performance Major (2.0-4.0 cr)
MUSA 2307 - Cello-Performance Major (2.0-4.0 cr)
MUSA 2308 - Double Bass—Performance Major (2.0-4.0 cr)
MUSA 2309 - Flute-Performance Major (2.0-4.0 cr)
MUSA 2311 - Oboe—Performance Major (2.0-4.0 cr)
MUSA 2312 - Clarinet-Performance Major (2.0-4.0 cr)
MUSA 2313 - Saxophone-Performance Major (2.0-4.0 cr)
MUSA 2314 - Bassoon-Performance Major (2.0-4.0 cr)
MUSA 2315 - French Horn-Performance Major (2.0-4.0 cr)
MUSA 2316 - Trumpet-Performance Major (2.0-4.0 cr)
MUSA 2317 - Trombone-Performance Major (2.0-4.0 cr)
MUSA 2318 - Euphonium—Performance Major (2.0-4.0 cr)
MUSA 2319 - Tuba—Performance Major (2.0-4.0 cr)
MUSA 2321 - Percussion—Performance Major (2.0-4.0 cr)

Take 16 or more credit(s) from the following:
MUSA 3305 - Violin—Major (2.0-4.0 cr)
MUSA 3306 - Viola—Major (2.0-4.0 cr)
MUSA 3307 - Cello—Major (2.0-4.0 cr)
MUSA 3308 - Double Bass—Major (2.0-4.0 cr)
MUSA 3309 - Flute—Major (2.0-4.0 cr)
MUSA 3311 - Oboe—Major (2.0-4.0 cr)
MUSA 3312 - Clarinet—Major (2.0-4.0 cr)
MUSA 3313 - Saxophone—Major (2.0-4.0 cr)
MUSA 3314 - Bassoon—Major (2.0-4.0 cr)
MUSA 3315 - French Horn—Major (2.0-4.0 cr)
MUSA 3316 - Trumpet—Major (2.0-4.0 cr)
MUSA 3317 - Trombone—Major (2.0-4.0 cr)
MUSA 3318 - Euphonium—Major (2.0-4.0 cr)
MUSA 3319 - Tuba—Major (2.0-4.0 cr)
MUSA 3321 - Percussion—Major (2.0-4.0 cr)

Band or Orchestra
Take 8 or more course(s) from the following:
MUS 3410 - University Wind Bands (1.0 cr)
MUS 3420 - Orchestra (1.0 cr)

Chamber Ensemble
Take 4 or more course(s) from the following:
MUS 3340 - Jazz Ensemble (1.0 cr)
MUS 3350 - Jazz Combo (1.0 cr)
MUS 3440 - Chamber Ensemble (1.0 cr)

-OR-

Voice
Credit requirements in each course group must be satisfied by taking the courses for multiple semesters.

Keyboard
Take either MUS 1155 or both MUS 1151-1152.
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)

Ensemble
Take 8 or more course(s) from the following including 4 semesters of 3230 or 5240:
MUS 3230 - Chorus (1.0 cr)
MUS 5240 - Chamber Singers (1.0 cr)
MUS 5250 - Opera Workshop and Ensemble (1.0 cr)
MUS 5280 - Opera Theatre (2.0 cr)

Applied Music
Take 32 or more credit(s) from the following:
Take 8 or more credit(s) from the following:
MUSA 1304 - Voice—Major (2.0-4.0 cr)
MUSA 2304 - Voice-Performance Major (2.0-4.0 cr)
MUSA 3304 - Voice—Major (2.0-4.0 cr)

Diction and Vocal Literature
MUS 3241 - Vocal Literature (German Lieder) and Pedagogy (1.0 cr)
MUS 3242 - Vocal Literature (French Melodie) and Pedagogy (1.0 cr)
MUS 3261 - Italian Diction for Singers (1.0 cr)
MUS 3262 - English Diction for Singers (1.0 cr)
MUS 3263 - German Diction for Singers (1.0 cr)
MUS 3264 - French Diction for Singers (1.0 cr)

Language
FREN 1001 - Beginning French (5.0 cr)
GER 1001 - Beginning German (5.0 cr)
ITAL 1001 - Beginning Italian (5.0 cr)

Music B.A.
School of Music
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 53.
Degree: Bachelor of Arts.
The B.A. program is for students who wish to major in music within a broad liberal arts degree program.

Admission Requirements
Admission to a music program is contingent on passing an audition. Auditions are highly competitive with students normally having studied for a number of years: a minimum of
three to four years in voice, guitar, or on an orchestral or band instrument, eight to twelve years on piano. Auditions are held throughout the academic year. Incoming freshmen normally take the audition during the winter of their senior year of high school; transfer students, one semester prior to the term in which they plan to enroll.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses
Music Theory and Ear Training
MUS 1501 - Musical Theory I (3.0 cr)
MUS 1502 - Musical Theory II, (3.0 cr)
MUS 1511 - Ear Training I (1.0 cr)
MUS 1512 - Ear Training II (1.0 cr)
MUS 3501 - Theory and Analysis of Tonal Music III (3.0 cr)
MUS 3502 - Theory and Analysis of Tonal Music IV (3.0 cr)
MUS 3511 - Ear Training III (1.0 cr)
MUS 3512 - Ear Training IV (1.0 cr)
MUS 4501 - 16th-Century Counterpoint (3.0 cr)
or MUS 4502 - 18th-Century Counterpoint (3.0 cr)
or MUS 4503 - Theory and Analysis of Tonal Music V (3.0 cr)
or MUS 4505 - Jazz Theory (3.0 cr)

Musicology/Ethnomusicology
MUS 1801W - Music, Society, and Cultures, IP, WI (3.0 cr)
MUS 3601W - History of Western Music I, WI (3.0 cr)
MUS 3602W - History of Western Music II, WI (3.0 cr)
MUS 3603W - History of Western Music III, WI (3.0 cr)

Keyboard
For non-keyboard majors, MUS 1155 may be substituted for MUS 1151-1152. Keyboard majors take 1155-1156.
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1156 - Keyboard Skills II (2.0 cr)

Applied Music
MUSA 13xx (major instrument or voice) fulfills this requirement. Students must take four semesters at 2 credits per term (8 credits).
Take 8 or more credit(s) from the following:
MUSA 1301 - Trombone—Major (2.0-4.0 cr)
MUSA 1317 - Trombone—Major (2.0-4.0 cr)
MUSA 1318 - Euphonium—Major (2.0-4.0 cr)
MUSA 1319 - Tuba—Major (2.0-4.0 cr)
MUSA 1321 - Percussion—Major (2.0-4.0 cr)
MUSA 1322 - Harp—Major (2.0-4.0 cr)

Ensembles
Students must participate in four semesters, two of which must be band, chorus, or orchestra.
Take 4 or more course(s) from the following:
MUS 5240 - Chamber Singers (1.0 cr)
MUS 5280 - Opera Theatre (2.0 cr)
Take 2 or more course(s) from the following:
MUS 3410 - University Wind Bands (1.0 cr)
MUS 3230 - Chorus (1.0 cr)
MUS 3420 - Orchestra (1.0 cr)

Electives
Courses from MUS 55xx, 56xx, or 58xx fulfill this requirement.
Take 2 or more credit(s) from the following:
MUS 5xxx

Research and Senior Project
MUS 3995 - Major Project (1.0 cr)
MUS 5611 - Resources for Music Research (3.0 cr)

Music Minor
School of Music
Requirements for this program are current for Fall 2006.
Required credits in this minor: 23.
A minor in music is available for students majoring in other fields.

Admission Requirements
An entrance audition identical to that for a music major is required.
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Required Courses
Music Theory and Ear Training
MUS 1501 - Musical Theory I (3.0 cr)
MUS 1502 - Musical Theory II, (3.0 cr)
Musicology/Ethnomusicology
Take 2 or more course(s) from the following:
MUS 1801W - Music, Society, and Cultures, IP, WI (3.0 cr)
MUS 3601W - History of Western Music I, WI (3.0 cr)
MUS 3602W - History of Western Music II, WI (3.0 cr)
MUS 3603W - History of Western Music III, WI (3.0 cr)
Keyboard
For non-keyboard minors, MUS 1155 may be substituted for MUS 1151-1152. Keyboard minors take 1155-1156.
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1156 - Keyboard Skills II (2.0 cr)
**Admission Requirements**

Admission to a music program is contingent on passing an audition. Auditions are highly competitive with students normally having studied for a number of years: a minimum of three to four years in voice, guitar, or on an orchestral or band instrument, eight to twelve years on piano. Auditions are held throughout the academic year. Incoming freshmen normally take the audition during the winter of their senior year of high school; transfer students, one semester prior to the term in which they plan to enroll. Students applying for the program in music education are also required to pass an interview with the music education faculty.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

**Required Courses**

**Music Theory and Ear Training**

MUS 1501 - Musical Theory I (3.0 cr)
MUS 1502 - Musical Theory II (3.0 cr)
MUS 1511 - Ear Training I (1.0 cr)
MUS 1512 - Ear Training II (1.0 cr)
MUS 3501 - Theory and Analysis of Tonal Music I (3.0 cr)
MUS 3502 - Theory and Analysis of Tonal Music II (3.0 cr)
MUS 3511 - Ear Training III (1.0 cr)
MUS 3512 - Ear Training IV (1.0 cr)
MUS 4502 - 18th-Century Counterpoint (3.0 cr)
or MUS 4503 - Tonal Theory IV (3.0 cr)
or MUS 4504 - Intensive Theory and Analysis of 20th-Century Music (4.0 cr)
or MUS 4505 - Jazz Theory (3.0 cr)
MUS 5541 - 16th Century Counterpoint (3.0 cr)

**Musicology/Ethnomusicology**

MUS 1801W - Music, Society, and Cultures, IP, WI (3.0 cr)
MUS 3601W - History of Western Music I, WI (3.0 cr)
MUS 3602W - History of Western Music II, WI (3.0 cr)
MUS 3603W - History of Western Music III, WI (3.0 cr)

**Keyboard**

For non-keyboard majors, MUS 1155 may be substituted for MUS 1151-1152. Keyboard majors take 1155-1156.

MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1156 - Keyboard Skills II (2.0 cr)

**Professional Education**

CI 5452 - Reading in Content Areas for Initial Licensure Candidates (1.0 cr)
EDHD 5001 - Learning, Cognition, and Assessment (3.0 cr)
EDHD 5003 - Developmental and Individual Differences in Educational Contexts (3.0 cr)
EDHD 5005 - School and Society (2.0 cr)
EDHD 5009 - Human Relations: Applied Skills for School and Society (1.0 cr)
PUBH 3003 - Fundamentals of Alcohol and Drug Abuse (2.0 cr)
or PUBH 3005 - Fundamentals of Alcohol and Drug Abuse for Teacher Education (1.0 cr)

**Program Sub-plans**

Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

**Choral/General Music Education**

This program is for students majoring in voice, piano, organ, or classical guitar who want to teach choral and classroom music in the elementary and secondary schools. Students successfully completing the program will meet licensure requirements to teach choral and general classroom music in grades K-12 in Minnesota.
### Required Courses

**Major Courses**
- MUED 1201 - Introduction to Music Education (1.0 cr)
- MUED 3301 - Teaching Elementary Vocal and General Music (3.0 cr)
- MUED 3350 - Student Teaching in Classroom Music (4.0-8.0 cr)
- MUED 3415 - Choral Conducting and Methods I (4.0 cr)
- MUED 3416 - Choral Conducting and Methods II (4.0 cr)
- MUED 3450 - Student Teaching in Vocal Music (4.0-8.0 cr)
- MUED 3650 - Student Teaching Seminar (2.0 cr)

**Ensemble Requirements**
MUS 3230 or MUS 5240 is required for a minimum of seven semesters (1 credit each semester), selected in consultation with an adviser.

*Take 7 or more credit(s) from the following:*
- MUS 3230 - Chorus (1.0 cr)
- MUS 5240 - Chamber Singers (1.0 cr)

**Instrument Focus**
Students are required to complete one of the following course groups.

#### Voice
Each chosen course should be taken for 2 credits per term, for the number of semesters needed to reach the stated minimum credit requirement. (For example, Voice 1xxx should be taken for four semesters at 2 credits per term to meet the 8 credit requirement.)

*Take 6 or more credit(s) from the following:*
- MUSA 1304 - Voice—Major (2.0-4.0 cr)

**Applied Voice**
*Take 4 or more credit(s) from the following:*
- MUSA 1404 - Voice—Secondary (2.0-4.0 cr)
- MUS 3401 - Basic Conducting (2.0 cr)

#### Piano
Each chosen course should be taken for 2 credits per term, for the number of semesters needed to reach the stated minimum credit requirement. (For example, Piano 1xxx should be taken for four semesters at 2 credits per term to meet the 8 credit requirement.)

*Take 6 or more credit(s) from the following:*
- MUSA 1301 - Piano—Major (2.0-4.0 cr)
- MUSA 1302 - Harpsichord—Major (2.0-4.0 cr)
- MUSA 1303 - Organ—Major (2.0-4.0 cr)
- MUSA 1304 - Voice—Major (2.0-4.0 cr)
- MUSA 1305 - Violin—Major (2.0-4.0 cr)
- MUSA 1306 - Viola—Major (2.0-4.0 cr)
- MUSA 1307 - Cello—Major (2.0-4.0 cr)
- MUSA 1308 - Double Bass—Major (2.0-4.0 cr)
- MUSA 1309 - Flute—Major (2.0-4.0 cr)
- MUSA 1311 - Oboe—Major (2.0-4.0 cr)
- MUSA 1312 - Clarinet—Major (2.0-4.0 cr)
- MUSA 1313 - Saxophone—Major (2.0-4.0 cr)
- MUSA 1314 - Bassoon—Major (2.0-4.0 cr)
- MUSA 1315 - French Horn—Major (2.0-4.0 cr)
- MUSA 1316 - Trumpet—Major (2.0-4.0 cr)
- MUSA 1317 - Trombone—Major (2.0-4.0 cr)
- MUSA 1318 - Euphonium—Major (2.0-4.0 cr)
- MUSA 1319 - Tuba—Major (2.0-4.0 cr)

**Applied Piano**
*Take 4 or more credit(s) from the following:*
- MUSA 1401 - Piano—Secondary (2.0-4.0 cr)

**Applied Voice**
*Take 4 or more credit(s) from the following:*
- MUSA 1404 - Voice—Secondary (2.0-4.0 cr)

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### Guitar
Each chosen course should be taken for 2 credits per term, for the number of semesters needed to reach the stated minimum credit requirement. (For example, Guitar 1xxx should be taken for four semesters at 2 credits per term to meet the 8 credit requirement.)

*Take 8 or more credit(s) from the following:*
- MUSA 1323 - Guitar—Major (2.0-4.0 cr)

**Applied Guitar**
*Take 6 or more credit(s) from the following:*
- MUSA 3323 - Guitar—Major (2.0-4.0 cr)
- MUS 3401 - Basic Conducting (2.0 cr)

**Applied Piano**
*Take 4 or more credit(s) from the following:*
- MUSA 1401 - Piano—Secondary (2.0-4.0 cr)

### Instrumental/General Music Education
Students successfully completing the program will meet licensure requirements to teach band, orchestra, and general classroom music in grades K-12 in Minnesota.

#### Required Courses

**Major Courses**
- MUED 1201 - Introduction to Music Education (1.0 cr)
- MUED 3301 - Teaching Elementary Vocal and General Music (3.0 cr)
- MUED 3350 - Student Teaching in Classroom Music (4.0-8.0 cr)
- MUED 3502 - String Techniques and Teaching (2.0 cr)
- MUED 3503 - Woodwind Techniques and Teaching (2.0 cr)
- MUED 3504 - Brass Techniques and Teaching (2.0 cr)
- MUED 3505 - Percussion Techniques and Teaching (2.0 cr)
- MUED 3516 - Instrumental Methods and Conducting I (3.0 cr)
- MUED 3517 - Beginning Instrumental Methods and Materials (3.0 cr)
- MUED 3518 - Instrumental Methods and Conducting II (3.0 cr)
- MUED 3550 - Student Teaching in Instrumental Music (4.0-8.0 cr)
- MUED 3650 - Student Teaching Seminar (2.0 cr)

**Applied Music**
Students must complete four semesters at 2 credits per term of 13xx courses, and two semesters at 2 credits per term of 33xx courses.

*Take 8 or more credit(s) from the following:*
- MUS 1260 - Voice Class (2.0 cr)
- MUSA 1404 - Voice—Secondary (2.0-4.0 cr)

*Take 4 or more credit(s) from the following:*
- MUSA 1301 - Piano—Major (2.0-4.0 cr)
- MUSA 1302 - Harpsichord—Major (2.0-4.0 cr)
- MUSA 1303 - Organ—Major (2.0-4.0 cr)
- MUSA 1304 - Voice—Major (2.0-4.0 cr)
- MUSA 1305 - Violin—Major (2.0-4.0 cr)
- MUSA 1306 - Viola—Major (2.0-4.0 cr)
- MUSA 1307 - Cello—Major (2.0-4.0 cr)
- MUSA 1308 - Double Bass—Major (2.0-4.0 cr)
- MUSA 1309 - Flute—Major (2.0-4.0 cr)
- MUSA 1311 - Oboe—Major (2.0-4.0 cr)
- MUSA 1312 - Clarinet—Major (2.0-4.0 cr)
- MUSA 1313 - Saxophone—Major (2.0-4.0 cr)
- MUSA 1314 - Bassoon—Major (2.0-4.0 cr)
- MUSA 1315 - French Horn—Major (2.0-4.0 cr)
- MUSA 1316 - Trumpet—Major (2.0-4.0 cr)
- MUSA 1317 - Trombone—Major (2.0-4.0 cr)
- MUSA 1318 - Euphonium—Major (2.0-4.0 cr)
- MUSA 1319 - Tuba—Major (2.0-4.0 cr)
MUSA 1321 - Percussion—Major (2.0-4.0 cr)
MUSA 1322 - Harp—Major (2.0-4.0 cr)

Take 4 or more credit(s) from the following:
MUSA 3301 - Piano—Major (2.0-4.0 cr)
MUSA 3302 - Harpsichord—Major (2.0-4.0 cr)
MUSA 3303 - Organ—Major (2.0-4.0 cr)
MUSA 3304 - Voice—Major (2.0-4.0 cr)
MUSA 3305 - Violin—Major (2.0-4.0 cr)
MUSA 3306 - Viola—Major (2.0-4.0 cr)
MUSA 3307 - Cello—Major (2.0-4.0 cr)
MUSA 3308 - Double Bass—Major (2.0-4.0 cr)
MUSA 3309 - Flute—Major (2.0-4.0 cr)
MUSA 3311 - Oboe—Major (2.0-4.0 cr)
MUSA 3312 - Clarinet—Major (2.0-4.0 cr)
MUSA 3313 - Saxophone—Major (2.0-4.0 cr)
MUSA 3314 - Bassoon—Major (2.0-4.0 cr)
MUSA 3315 - French Horn—Major (2.0-4.0 cr)
MUSA 3316 - Trumpet—Major (2.0-4.0 cr)
MUSA 3317 - Trombone—Major (2.0-4.0 cr)
MUSA 3318 - Euphonium—Major (2.0-4.0 cr)
MUSA 3319 - Tuba—Major (2.0-4.0 cr)
MUSA 3321 - Percussion—Major (2.0-4.0 cr)
MUSA 3322 - Harp—Major (2.0-4.0 cr)

Ensemble Requirement
Complete 7 credits total. Band or orchestra is required for a minimum of six semesters, to be selected in consultation with an adviser. An ensemble course is required for a minimum of one semester.

Take 6 or more credit(s) from the following:
MUS 3410 - University Wind Bands (1.0 cr)
MUS 3420 - Orchestra (1.0 cr)

Ensemble
MUS 3340 - Jazz Ensemble (1.0 cr)
or MUS 3350 - Jazz Combo (1.0 cr)
or MUS 3440 - Chamber Ensemble (1.0 cr)
or MUS 5430 - New Music Ensemble (1.0 cr)
or MUS 5470 - Woodwind Chamber Ensemble (1.0 cr)
or MUS 5480 - University Brass Choir (1.0 cr)
or MUS 5490 - Percussion Ensemble (1.0 cr)

Conducting
MUS 3401 - Basic Conducting (2.0 cr)

Music Therapy B.Mus.

School of Music
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 78.
Degree: Bachelor of Music.
This program prepares students for a profession in music therapy, using music to influence behavioral changes in people, from pre-school through geriatrics, in a variety of educational and health-related environments.

Admission Requirements
Admission to a music program is contingent on passing an audition. Auditions are highly competitive with students normally having studied for a number of years: a minimum of three to four years in voice, guitar, or on an orchestral or band instrument, eight to twelve years on piano. Auditions are held throughout the academic year. Incoming freshmen normally take the audition during the winter of their senior year of high school; transfer students, one semester prior to the term in which they plan to enroll. Students applying for the program in music therapy are required to pass an interview with music education/therapy faculty.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses
Music Theory and Ear Training
MUS 1501 - Musical Theory I (3.0 cr)
MUS 1502 - Musical Theory II (3.0 cr)
MUS 1511 - Ear Training I (1.0 cr)
MUS 1512 - Ear Training II (1.0 cr)
MUS 3501 - Theory and Analysis of Tonal Music III (3.0 cr)
MUS 3502 - Theory and Analysis of Tonal Music IV (3.0 cr)
MUS 3511 - Ear Training III (1.0 cr)
MUS 3512 - Ear Training IV (1.0 cr)

Musicology/Ethnomusicology
MUS 1801W - Music, Society, and Cultures, IP, WI (3.0 cr)
MUS 3601W - History of Western Music I, WI (3.0 cr)
MUS 3602W - History of Western Music II, WI (3.0 cr)
MUS 3603W - History of Western Music III, WI (3.0 cr)

Keyboard
Take one of the following course pairs:
MUS 1151 - Piano: Class Lessons I (2.0 cr)
MUS 1152 - Piano: Class Lessons II (2.0 cr)
or
MUS 1155 - Keyboard Skills I (2.0 cr)
MUS 1156 - Keyboard Skills II (2.0 cr)

Conducting
MUS 3401 - Basic Conducting (2.0 cr)

Major Courses
MUED 1801 - Introduction to Music Therapy (2.0 cr)
MUED 3415 - Choral Conducting and Methods I (4.0 cr)
MUED 3800 - Introduction to Clinical Music Therapy Practice (4.0 cr)
MUED 3804 - Applications of Music Therapy I: Music Therapy for Children in Rehabilitative Settings (4.0 cr)
MUED 3805 - Applications of Music Therapy II: Music Therapy in Long Term Care and Psychiatric Care (4.0 cr)
MUED 3806 - Preparing for a Music Therapy Career (4.0 cr)
MUED 5669 - Psychology of Music (3.0 cr)

Electives
Take 2 or more course(s) from the following:
MUED 3902 - String Techniques and Teaching (2.0 cr)
MUED 3903 - Woodwind Techniques and Teaching (2.0 cr)
MUED 3904 - Brass Techniques and Teaching (2.0 cr)
MUED 3905 - Percussion Techniques and Teaching (2.0 cr)

Applied Music
A minimum six semesters is needed to complete the applied music requirement (12 credits). This includes four to 6 credits of lower division major lessons (13xx) and 4 to 6 credits of secondary lessons (14xx).

Take 12 or more credit(s) from the following:
MUSA 1xxx
Ensembles
A minimum of six semesters (1 credit each) selected in consultation with an adviser. Some options are listed below.

Take 6 or more credit(s) from the following:
MUS 3410 - University Wind Bands (1.0 cr)
MUS 3420 - Orchestra (1.0 cr)
MUS 3430 - Campus Orchestra (1.0 cr)
MUS 3480 - Marching Band (1.0 cr)
MUS 5240 - Chamber Singers (1.0 cr)
MUS 5250 - Opera Workshop and Ensemble (1.0 cr)
MUS 5280 - Opera Theatre (2.0 cr)

Special Needs Courses
EDHD 5003 - Developmental and Individual Differences in Educational Contexts (3.0 cr)
KIN 3027 - Human Anatomy for Kinesiology Students (3.0 cr)
PSY 1001 - Introduction to Psychology, SSCI (4.0 cr)
PSY 3604 - Introduction to Abnormal Psychology (3.0 cr)

Internship
A six-month internship is required upon completion of all coursework.
MUED 3855 - Music Therapy Internship (6.0 cr)

New Media Studies Minor
Requirements for this program are current for Fall 2006.
Required credits in this minor: 15.
This interdisciplinary minor explores from multiple perspectives how information or content is created and shaped in new and emerging media, as well as the role and impact of those media on human communication. New media refers to the emerging digital technologies that enable information to be produced, stored, transmitted, and displayed in various ways. The minor includes courses from the Colleges of Liberal Arts, Human Ecology, and Agricultural, Food and Environmental Sciences.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Required Courses
Minor Courses
At least one course must be 4xxx or above. No more than eight credits of elective courses (courses without the JOUR designator) may be earned from a single department. Other electives may be chosen with adviser permission.
Take 15 or more credit(s).

Take 2 or more course(s) totaling 6 or more credit(s) from the following:
JOUR 3551 - Economics of New Media (3.0 cr)
JOUR 3552 - Internet and Global Society, IP (3.0 cr)
JOUR 4551 - New Media Culture (3.0 cr)
JOUR 5552 - Law of Internet Communications (3.0 cr)

Take 2 or more course(s) totaling 6 or more credit(s) from the following:
DHA 5399W - Theory of Electronic Design, WI (3.0 cr)
GEOG 3561 - Principles of Geographic Information Science (4.0 cr)
HSCI 3331 - Technology and American Culture, HP (3.0 cr)
HSCI 4321 - History of Computing (3.0 cr)
MUS 5591 - Electronic Music: History, Literature, Principles (3.0 cr)
MUS 5592 - Digital Music Synthesis and Processing Techniques (3.0 cr)
RHET 3371 - Technology, Self, and Society, C/PE, HP (3.0 cr)
RHET 3577W - Rhetoric, Technology, and the Internet, C/PE, WI (3.0 cr)
SCMC 3001 - History of Cinema and Media Culture (4.0 cr)

Philosophy B.A.

Philosophy
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 30.
Degree: Bachelor of Arts.

Philosophy examines and analyzes the presuppositions of our thought in both ordinary life and in the arts and sciences. Fields within philosophy are moral and political philosophy, history of philosophy, logic (including philosophy of mathematics), philosophy of language, philosophy of religion, philosophy of science (including philosophy of physics, of biology, and of the social sciences), metaphysics, epistemology, and aesthetics.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses
Area Requirements
History Area Requirements
PHIL 3001W - General History of Western Philosophy: Ancient Period, OH, WI (4.0 cr)
or PHIL 3005W - General History of Western Philosophy: Modern Period, OH, WI (4.0 cr)

Logic Area Requirements
PHIL 1001 - Introduction to Logic, MATH (4.0 cr)
or PHIL 5201 - Symbolic Logic I (4.0 cr)

Epistemology Area Requirements
PHIL 3601W - Scientific Thought, OH, WI (4.0 cr)
or PHIL 4105W - Epistemology, WI (3.0 cr)

Theoretical Ethics Area Requirements
PHIL 3311W - Introduction to Ethical Theory, WI (4.0 cr)
or PHIL 4310W - History of Moral Theories, WI (3.0 cr)
or PHIL 4320W - Intensive Study of an Historical Moral Theory, WI (3.0 cr)
or PHIL 4321W - Theories of Justice, WI (3.0 cr)

High-Level Course Requirement
At least 8 credits of the 30 required for the major must be in 4xxx courses higher

Electives
It is strongly recommended that one of these be a second course in the history of philosophy.

Senior Project
A senior project is required and is typically a paper of about 15 pages in length.
PHIL 3910W - Major Seminar, WI (3.0 cr)  
or PHIL 3993 - Directed Studies (1.0-3.0 cr)  
or PHIL 4993 - Directed Studies (1.0-3.0 cr)

Program Sub-plans
A sub-plan is not required for this program.

Ethics and Civic Life
The Department of Philosophy’s optional concentration in ethics and civic life is an opportunity for students who are interested in ethics and community service to relate their experiences in the classroom to their work in the community, and vice versa. Students who complete the concentration will receive acknowledgement on their transcripts.

Required Courses
Core Courses
Take 3 or more course(s) from the following:
PHIL 1004W - Introduction to Political Philosophy, C/PE, OH, WI (4.0 cr)  
PHIL 1006W - Philosophy and Cultural Diversity, CD, OH, WI (4.0 cr)  
PHIL 1303 - Business Ethics, C/PE, IP, (4.0 cr)  
PHIL 3234 - Knowledge and Society, CD (4.0 cr)  
PHIL 3301 - Environmental Ethics, C/PE, ENVT (4.0 cr)  
PHIL 3302W - Moral Problems of Contemporary Society, C/PE, OH, WI (4.0 cr)  
PHIL 3304 - Law and Morality, C/PE (4.0 cr)  
PHIL 3305 - Medical Ethics (4.0 cr)  
PHIL 3307 - Social Justice and Community Service, C/PE, CD (4.0 cr)  
PHIL 3602 - Science, Technology, and Society, C/PE (3.0 cr)  
PHIL 4324 - Ethics and Education, (3.0 cr)  
PHIL 4325 - Education and Social Change, C/PE (4.0 cr)  
PHIL 4326 - Lives Worth Living: Questions of Self, Vocation, and Community, C/PE, OH (4.0 cr)  
PHIL 4414 - Political Philosophy, (3.0 cr)  
PHIL 4622 - Philosophy and Feminist Theory (3.0 cr)

Community Service
The community service component may be completed by taking a practicum course in philosophy (for example, PHIL 1007 in conjunction with 1004W); a community service component of one of the above courses; or a directed study in philosophy with a community service component.

Philosophy Minor

Requirements for this program are current for Fall 2006.

Required credits in this minor: 14.

See the major description for more information.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
The minor consists of 14 semester credits of PHIL courses at 3xxx or above. All courses must have grades of at least C-. At least 8 credits must be taken at the University of Minnesota, Twin Cities campus.

Physics B.A.

School of Physics and Astronomy
Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.
Required credits within the major: 37.
Degree: Bachelor of Arts.

The undergraduate physics program prepares students for employment, often in industrial or governmental laboratories, or for further study at graduate or professional schools in physics, engineering, biophysics, medicine, education, law, or business. The program integrates a broad foundation in physics that can be flexibly combined with coursework in other technical disciplines or used to specialize in physics. Students should consult a physics adviser to help formulate objectives for undergraduate study.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses
Mathematics
Complete four courses from either the calculus or honors calculus sequence.

Calculus Sequence
MATH 1271 - Calculus I, MATH (4.0 cr)  
or MATH 1371 - IT Calculus I, MATH (4.0 cr)  
MATH 1272 - Calculus II (4.0 cr)  
or MATH 1372 - IT Calculus II (4.0 cr)  
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)  
or MATH 2373 - IT Linear Algebra and Differential Equations (4.0 cr)  
MATH 2374 - IT Multivariable Calculus and Vector Analysis (4.0 cr)  
or MATH 2263 - Multivariable Calculus (4.0 cr)

Honors Sequence
MATH 1571H - Honors Calculus I, MATH, H (4.0 cr)  
MATH 1572H - Honors Calculus II, H (4.0 cr)  
MATH 253H - Honors Calculus III, H (4.0 cr)  
MATH 254H - Honors Calculus IV, H (4.0 cr)

Electives
Take 18 or more credit(s) from the following:
PHYS 4xxx

Take 2 or more course(s) from the following:
PHYS 4001 - Analytical Mechanics (4.0 cr)

Degree Programs
PHYS 4002 - Electricity and Magnetism (4.0 cr)
PHYS 4101 - Quantum Mechanics (4.0 cr)
PHYS 4201 - Statistical and Thermal Physics (3.0 cr)

Senior Project
The senior project can be satisfied by completion of PHYS 4051 and 4052W; 5 credits may be counted towards the 18-credit elective requirement. Other ways of satisfying the physics project requirement must be approved by the physics department.
PHYS 4051 - Methods of Experimental Physics I (5.0 cr)
PHYS 4052W - Methods of Experimental Physics II, WI (5.0 cr)

Physiology B.A.

Physiology
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 27.
Degree: Bachelor of Arts.
The physiology major concentrates on understanding the functions of the human body from individual cells to organ systems. The program is based upon principles from a variety of physical and biological sciences.
This major is particularly appropriate for students who intend to enter medical school or graduate study in any of a variety of biological, health, or biomedical sciences. The required courses form a strong core in biomedical science. Many of the required courses are identical to those required for admission to medical school. Students may tailor the overall degree program to specific needs and may choose additional science courses in preparation for medical school, other health sciences professional schools, or graduate school. Students may also take advantage of the freedom to pursue a more diverse undergraduate experience in CLA. Others may benefit from an opportunity to pursue a double major.

Admission Requirements
Students must complete 6 courses before admission to the program.
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions tc.umn.edu.

Required Courses for Admission
Preparatory Coursework
These courses are prerequisites for future physiology coursework.
MATH 1271 - Calculus I, MATH (4.0 cr)
MATH 1281 - Calculus with Biological Emphasis I, MATH (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)
MATH 1282 - Calculus With Biological Emphasis II (4.0 cr)
CHEM 1021 - Chemical Principles I, ENVT, PHYS SCI/L (4.0 cr)
CHEM 1022 - Chemical Principles II, ENVT, PHYS SCI/L (4.0 cr)
Take one of the following course pairs:
PHYS 1201W - Introductory Physics for Biology and Pre-medicine I, PHYS SCI/L, WI (5.0 cr)
PHYS 1202W - Introductory Physics for Biology and Pre-medicine II, PHYS SCI/L, WI (5.0 cr)
or
PHYS 1930W - Introductory Physics for Science and Engineering I, PHYS SCI/L, WI (4.0 cr)
PHYS 1932W - Introductory Physics for Science and Engineering II, PHYS SCI/L, WI (4.0 cr)
or
PHYS 2550 - Physics I, PHYS SCI/L, WI (4.0 cr)
PHYS 2552 - Physics II, PHYS SCI/L, WI (4.0 cr)
PHYS 2553 - Physics III: Foundations of Modern Physics (4.0 cr)
or
PHYS 2573H - Honors Calculus II (4.0 cr)
or
Honors Sequence
MATH 1571H - Honors Calculus I, MATH, H (4.0 cr)
MATH 1572H - Honors Calculus II, H (4.0 cr)
MATH 2573H - Honors Calculus III, H (4.0 cr)

Take 3 or more credit(s) from the following:
AST 3xx
AST 4xx
AST 5xx
Required Courses

Political Science B.A.

Political Science

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 32.

Degree: Bachelor of Arts.

Political scientists study topics such as the exercise of power and influence; sources and resolution of conflicts; the relation of politics to the economy, culture, and other aspects of society; the adoption and implementation of public policies; and the development of political systems. These topics are studied at all levels, from local communities to the global community.

The scope of the discipline is reflected in the main areas of specialization that make up the undergraduate curriculum: political theory, comparative government and politics, international relations, and American governmental systems and processes. In addition, undergraduates may choose from several optional concentrations: business and politics; campaigns and elections; citizenship and civic action; global politics; law and politics; democratization and development; political psychology, beliefs, and behavior; and public affairs.

Admission Requirements

It is strongly recommended that students complete one 1xxx course prior to admission to the major. See "Preparatory Courses" under program requirements for suggested courses.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of any second language.

Students may choose to do an optional concentration to count toward the 24 upper division credits. If not, remaining courses not taken from the list for major courses below may be used to satisfy the upper division requirement. In addition, POL 3070, POL 3080, POL 3085 and POL 4970, POL 3085H may be used to meet the 24 credit requirement.

Required Courses

Preparatory Courses

Only 8 credits of 1xxx will apply toward the 32 credits required for the major.

POL 1001 - American Democracy in a Changing World, C/PE, SSCI (4.0 cr)

POL 3070 - International Conflict and Security, IP (3.0-4.0 cr)

POL 3080 - The Struggle for Democratization and Citizenship, C/PE (3.0 cr)

POL 3085 - Government and Markets (3.0-4.0 cr)

POL 3085H - Honors

POL 1001H - Honors Course: American Democracy in a Changing World, C/PE, SSCI, H (4.0 cr)

POL 3015 - Mass Politics in a Media Age, C/PE (3.0 cr)

POL 1019 - Indigenous Peoples: A Global Perspective, IP, SSCI (3.0 cr)

POL 3041 - Global Environmental Cooperation, ENVT, WI (4.0 cr)

POL 3061 - Principles of Physiology, WI (1.0 cr)

POL 3071 - Physiology Laboratory (2.0 cr)

POL 3072 - Research Paper for Physiology Majors, WI (1.0 cr)

POL 3073W - Global Citizenship and International Ethics, C/PE, IP, WI, IP (3.0 cr)

POL 4080 - Topics in International Politics and Foreign Policy (3.0-4.0 cr)

POL 4833 - The U.S. in the Global Economy (3.0-4.0 cr)

POL 4881 - International Law, IP (3.0 cr)

POL 4883 - Global Governance, IP (3.0 cr)

POL 4885 - International Conflict and Security, IP (3.0-4.0 cr)
POL 4887 - Thinking Strategically in International Politics, SSCI (3.0 cr)
POL 4889 - Governments and Global Trade and Money (3.0-4.0 cr)

American Government
Take 0 or more course(s) from the following:
- POL 3319 - Education and the American Dream, C/PE, SSCI (3.0 cr)
- POL 3321 - Issues in American Public Policy, C/PE (3.0 cr)
- POL 3323 - Political Tolerance in the United States, C/PE, CD (3.0-4.0 cr)
- POL 3701 - American Indian Tribal Government and Politics (3.0 cr)
- POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (3.0 cr)
- POL 3766 - Political Psychology of Mass Behavior, C/PE (3.0 cr)
- POL 3767 - Political Psychology of Elite Behavior (3.0 cr)
- POL 3785 - Persuasion and Political Propaganda (3.0 cr)
- POL 4303 - American Democracy in Crisis, C/PE (3.0 cr)
- POL 4306 - Presidential Leadership and American Democracy (3.0-4.0 cr)
- POL 4308 - Congressional Politics and Institutions (3.0-4.0 cr)
- POL 4309 - Justice in America (3.0 cr)
- POL 4310 - Topics in American Politics (3.0 cr)
- POL 4315W - State Governments: Laboratories of Democracy, WI (4.0 cr)
- POL 4322 - Rethinking the Welfare State, C/PE (3.0-4.0 cr)
- POL 4331 - Thinking Strategically in Domestic Politics, C/PE (3.0-4.0 cr)
- POL 4501 - The Supreme Court and Constitutional Interpretation, C/PE (3.0 cr)
- POL 4502 - The Supreme Court, Civil Liberties, and Civil Rights, C/PE (3.0 cr)
- POL 4525W - Federal Indian Policy (3.0 cr)
- POL 4737 - American Political Parties, C/PE (3.0-4.0 cr)
- POL 4766 - American Political Culture and Values, C/PE (3.0-4.0 cr)
- POL 4767 - Public Opinion and Voting Behavior (3.0 cr)
- POL 4771 - Racial Attitudes and Intergroup Conflict (3.0 cr)

Senior Project
- POL 4900W - Senior Paper, WI (1.0 cr)
- or POL 4900V - Honors: Senior Paper, H (1.0 cr)
- or POL 3110H - Honors Thesis Credits, H (1.0-4.0 cr)

Program Sub-plans
A sub-plan is not required for this program.

Business and Politics

Required Courses
Take 4 or more course(s) from the following:
- POL 3085 - Quantitative Analysis in Political Science, MATH (4.0 cr)
- POL 4308 - Congressional Politics and Institutions (3.0-4.0 cr)
- POL 4315W - State Governments: Laboratories of Democracy, WI (4.0 cr)
- POL 4331 - Thinking Strategically in Domestic Politics, C/PE (3.0-4.0 cr)
- POL 4487 - The Struggle for Democratization and Citizenship, C/PE (4.0 cr)
- POL 4502 - The Supreme Court, Civil Liberties, and Civil Rights, C/PE (3.0 cr)
- POL 4525W - Federal Indian Policy (3.0 cr)
- POL 4766 - American Political Culture and Values, C/PE (3.0-4.0 cr)
- POL 4767 - Public Opinion and Voting Behavior (3.0 cr)
- POL 4771 - Racial Attitudes and Intergroup Conflict (3.0 cr)

Campaigns and Elections

Required Courses
Take 4 or more course(s) from the following:
- POL 3085 - Quantitative Analysis in Political Science, MATH (4.0 cr)
- POL 3225 - American Political Thought, C/PE (3.0 cr)
- POL 3766 - Political Psychology of Mass Behavior, C/PE (3.0 cr)
- POL 4306 - Presidential Leadership and American Democracy (3.0-4.0 cr)
- POL 4308 - Congressional Politics and Institutions (3.0-4.0 cr)
- POL 4331 - Thinking Strategically in Domestic Politics, C/PE (3.0-4.0 cr)
- POL 4461W - European Government and Politics, WI (4.0 cr)
- POL 4737 - American Political Parties, C/PE (3.0-4.0 cr)
- POL 4767 - Public Opinion and Voting Behavior (3.0 cr)

Citizenship and Civic Action

Required Courses
Take 4 or more course(s) from the following:
- POL 3210 - Practicum, C/PE (1.0-3.0 cr)
- POL 3225 - American Political Thought, C/PE (3.0 cr)
- POL 3235W - Democracy and Citizenship, C/PE, WI (3.0-4.0 cr)
- POL 3251 - Greeks, Romans, and Christians: Ancient and Medieval Political Thought, C/PE (3.0-4.0 cr)
- POL 3252 - Renaissance, Reformation, and Revolution: Early Modern Political Thought, C/PE (3.0-4.0 cr)
- POL 3319 - Education and the American Dream (3.0 cr)
- POL 3323 - Political Tolerance in the United States, C/PE, CD (3.0-4.0 cr)
- POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (3.0 cr)
- POL 3873W - Global Citizenship and International Ethics, C/PE, IP, WI (3.0 cr)
- POL 4253 - Modernity and Its Discontents: Late Modern Political Thought, C/PE (3.0-4.0 cr)
- POL 4275 - Contemporary Political Thought (3.0 cr)
- POL 4303 - American Democracy in Crisis, C/PE (3.0 cr)
- POL 4322 - Rethinking the Welfare State, C/PE (3.0-4.0 cr)
- POL 4485 - Human Rights and Democracy in the World (3.0 cr)
- POL 4487 - The Struggle for Democratization and Citizenship, C/PE (4.0 cr)
- POL 4502 - The Supreme Court, Civil Liberties, and Civil Rights, C/PE (3.0 cr)
- POL 4766 - American Political Culture and Values, C/PE (3.0-4.0 cr)

Democratization and Development

Required Courses
Take 4 or more course(s) from the following:
- POL 3210 - Practicum, C/PE (1.0-3.0 cr)
- POL 3235W - Democracy and Citizenship, C/PE, WI (3.0-4.0 cr)
- POL 3323 - Political Tolerance in the United States, C/PE, CD (3.0-4.0 cr)
- POL 3441 - Politics of Environmental Protection, ENV'T (3.0 cr)
- POL 3477 - Political Development, SSCI (3.0-4.0 cr)
- POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (3.0 cr)
- POL 4210 - Topics in Political Theory (3.0-4.0 cr)
- POL 4225 - Politics and Education (3.0-4.0 cr)
- POL 4253 - Modernity and Its Discontents: Late Modern Political Thought, C/PE (3.0-4.0 cr)
- POL 4275 - Contemporary Political Thought (3.0 cr)
- POL 4303 - American Democracy in Crisis, C/PE (3.0 cr)
- POL 4479 - Latin American Politics (3.0 cr)
- POL 4478 - Contemporary Politics in Africa and the Colonial Legacy, IP (4.0 cr)
- POL 4473 - Chinese Politics (3.0 cr)
- POL 4477 - Struggles and Issues in the Middle East, IP (4.0 cr)
- POL 4478 - Contemporary Politics in Africa and the Colonial Legacy, IP (4.0 cr)
- POL 4479 - Latin American Politics (3.0 cr)
- POL 4487 - The Struggle for Democratization and Citizenship, C/PE (4.0 cr)
- POL 4561 - Comparative Legal Systems, IP (3.0 cr)
- POL 4766 - American Political Culture and Values, C/PE (3.0-4.0 cr)
- POL 4885 - International Conflict and Security, IP (3.0-4.0 cr)
- POL 4889 - Governments and Global Trade and Money (3.0-4.0 cr)
- POL 5253 - Modernity and its Discontents: Late Modern Political Thought (4.0 cr)

Global Politics

Required Courses
Take 4 or more course(s) from the following:
- POL 3235W - Democracy and Citizenship, C/PE, WI (3.0-4.0 cr)
- POL 3441 - Politics of Environmental Protection, ENV'T (3.0 cr)
- POL 3451W - Politics and Society in the New Europe, WI (3.0 cr)
- POL 3477 - Political Development, SSCI (3.0-4.0 cr)
- POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (3.0 cr)
- POL 3873W - Global Citizenship and International Ethics, C/PE, IP, WI (3.0 cr)
- POL 4461W - European Government and Politics, WI (4.0 cr)
POL 4473 - Chinese Politics, IP (3.0 cr)
POL 4477 - Struggles and Issues in the Middle East, IP (4.0 cr)
POL 4478 - Contemporary Politics in Africa and the Colonial Legacy, IP (4.0 cr)
POL 4479 - Latin American Politics (3.0 cr)
POL 4485 - Human Rights and Democracy in the World (3.0 cr)
POL 4833 - The U.S. in the Global Economy (3.0-4.0 cr)
POL 4881 - International Law, IP (3.0 cr)
POL 4883 - Global Governance, IP (3.0 cr)
POL 4885 - International Conflict and Security, IP (3.0-4.0 cr)
POL 4889 - Governments and Global Trade and Money (3.0-4.0 cr)

Law and Politics

Required Courses

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

POL 3225 - American Political Thought, C/PE (3.0 cr)
POL 3252 - Renaissance, Reformation, and Revolution: Early Modern Political Thought, C/PE (3.0-4.0 cr)
POL 3323 - Political Tolerance in the United States, C/PE, CD (3.0-4.0 cr)
POL 3872W - Global Environmental Cooperation, ENVT, IP, WI (4.0 cr)
POL 4253 - Modernity and Its Discontents: Late Modern Political Thought, C/PE (3.0-4.0 cr)
POL 4275 - Contemporary Political Thought (3.0 cr)
POL 4309 - Justice in America (3.0 cr)
POL 4501 - The Supreme Court and Constitutional Interpretation, C/PE (3.0 cr)
POL 4502 - The Supreme Court, Civil Liberties, and Civil Rights, C/PE (3.0 cr)
POL 4561 - Comparative Legal Systems, IP (3.0 cr)
POL 4881 - International Law, IP (3.0 cr)
POL 4883 - Global Governance, IP (3.0 cr)

Political Psychology, Beliefs, and Behavior

Required Courses

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

POL 3085 - Quantitative Analysis in Political Science, MATH (4.0 cr)
POL 3323 - Political Tolerance in the United States, C/PE, CD (3.0-4.0 cr)
POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (3.0 cr)
POL 3766 - Political Psychology of Mass Behavior, C/PE (3.0 cr)
POL 3767 - Political Psychology of Elite Behavior
POL 4253 - Modernity and Its Discontents: Late Modern Political Thought, C/PE (3.0-4.0 cr)
POL 4275 - Contemporary Political Thought (3.0 cr)
POL 4306 - Presidential Leadership and American Democracy (3.0-4.0 cr)
POL 4308 - Congressional Politics and Institutions (3.0-4.0 cr)
POL 4331 - Thinking Strategically in Domestic Politics, C/PE (3.0-4.0 cr)
POL 4485 - Human Rights and Democracy in the World (3.0 cr)
POL 4766 - American Political Culture and Values, C/PE (3.0-4.0 cr)

Public Affairs

Required Courses

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

POL 3085 - Quantitative Analysis in Political Science, MATH (4.0 cr)
POL 3235W - Democracy and Citizenship, C/PE, WI (3.0-4.0 cr)
POL 3319 - Education & the American Dream (3.0 cr)
POL 3321 - Issues in American Public Policy, C/PE (3.0 cr)
POL 4306 - Presidential Leadership and American Democracy (3.0-4.0 cr)
POL 4308 - Congressional Politics and Institutions (3.0-4.0 cr)
POL 4309 - Justice in America (3.0 cr)
POL 4315W - State Governments: Laboratories of Democracy, WI (4.0 cr)
POL 4322 - Rethinking the Welfare State, C/PE (3.0-4.0 cr)

POL 4327 - The Politics of American Cities and Suburbs (3.0 cr)

POL 4473 - Chinese Politics, IP (3.0 cr)
POL 4477 - Struggles and Issues in the Middle East, IP (4.0 cr)
POL 4478 - Contemporary Politics in Africa and the Colonial Legacy, IP (4.0 cr)
POL 4479 - Latin American Politics (3.0 cr)
POL 4485 - Human Rights and Democracy in the World (3.0 cr)

Political Science Minor

Political Science

Requirements for this program are current for Fall 2006.

Required credits in this minor: 16.

See the major description for more information.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Complete at least four courses, totaling at least 16 credits. Students must take at least one course in two out of four subfields: political theory, comparative government, American government, and international relations. POL 3070 and 4970 cannot count toward minor requirements.

Political science minors who major in global studies must complete at least two upper division courses outside of the comparative government and global studies subfields. International relations majors must take at least two upper division courses from political theory or American government.

Required Courses

Minor Courses

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

POL 1001 - American Democracy in a Changing World, C/PE, SSCI (4.0 cr)
POL 1015 - Mass Politics in a Media Age, C/PE (3.0 cr)
POL 1019 Indigenous Peoples: A Global Perspective (3.0 cr)
POL 1025 - Global Politics, IP, SSCI (4.0 cr)
POL 1026 - We and They: U.S. Foreign Policy, IP (4.0 cr)
POL 1054 - Repression and Democracy Around the World, IP, SSCI (4.0 cr)
POL 1065 - Government and Medicine, C/PE, SSCI (3.0 cr)
POL 1201 - Political Ideas and Ideologies, C/PE, SSCI (4.0 cr)
or Freshman Seminar in Political Science

Take 12 - 16 credit(s) from the following:

POL 3xxx
POL 4xxx

Psychology B.A.

Psychology

Requirements for this program are current for Summer 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 36.

Degree: Bachelor of Arts.

Psychology examines human behavior through environmental, genetic, physiological, and social determinants and correlates. The department strives to train students with a strong general background in psychology and an ability to think clearly and critically in a wide variety of settings. Students must fulfill distribution requirements in a variety of psychological topics.
Faculty and students work with related University units, including the Institute of Child Development, the Department of Computer Science and Engineering, the Carlson School of Management, the Departments of Psychiatry and Educational Psychology, the Department of Neuroscience, and affiliated research units within the department, such as the Center for Cognitive Sciences, the Center for Interest Measurement Research, and the Minnesota Center for Twin and Family Research. While a B.A. in psychology has proved to be a valuable and useful background for a wide variety of careers, a professional career as a psychologist requires further training.

Students completing the degree program in psychology may not receive a second degree or a second major in child psychology.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.

Transfer students must complete a minimum of 16 upper division credits in the psychology department at the University of Minnesota to be awarded a major in psychology.

Required Courses
Preparatory Courses
PSY 1001 or equivalent
PSY 2801 - Introduction to Psychological Measurement and Data Analysis (3.0 cr)
PSY 3001W - Research Methods (3.0 cr)

Major Courses
Cognitive and Biological Psychology
Take 2 or more course(s) from the following:
PSY 3011 - Introduction to Learning and Behavior (3.0 cr)
PSY 3031 - Introduction to Sensation and Perception (3.0 cr)
PSY 3051 - Introduction to Cognitive Psychology, SSCI (3.0 cr)
PSY 4011 - Applied Behavioral Psychology (3.0 cr)
PSY 4036 - Perceptual Issues in Visual Impairment (3.0 cr)
PSY 5012 - Learning and Cognition in Animals (4.0 cr)
PSY 5014 - Psychology of Human Learning and Memory (3.0 cr)
PSY 5015 - Cognition, Computation, and Brain (3.0 cr)
PSY 5031W - Perception, WI (3.0 cr)
PSY 5031W - Perception, WI (3.0 cr)
PSY 5036W - Computational Vision, WI (3.0 cr)
PSY 5037 - Psychology of Hearing (3.0 cr)
PSY 5038W - Introduction to Neural Networks, WI (3.0 cr)
PSY 5051W - Psychology of Human-Machine Interaction, WI (3.0 cr)
PSY 5054 - Psychology of Language (3.0 cr)
PSY 5062 - Cognitive Neuropsychology (3.0 cr)
PSY 5064 - Brain and Emotion (3.0 cr)
PSY 5061 - Introduction to Biological Psychology (3.0 cr)
or PSY 5061 - Neurobiology of Behavior (3.0 cr)

Clinical, Personality, and Social Psychology
Take 2 or more course(s) from the following:
PSY 3201 - Introduction to Social Psychology (4.0 cr)
PSY 3301 - Introduction to Cultural Psychology, SSCI (3.0 cr)
PSY 3617 - Introduction to Clinical Psychology (3.0 cr)
PSY 3666 - Human Sexuality (3.0 cr)
PSY 3520 - Attitudes and Social Behavior (3.0 cr)
PSY 5024 - Psychology of Interpersonal Relationships (3.0 cr)
PSY 5205 - Applied Social Psychology (3.0 cr)
PSY 5206 - Social Psychology and Health Behavior (3.0 cr)
PSY 5207 - Personality and Social Behavior (3.0 cr)
PSY 5606 - Clinical Psychophysiology (3.0 cr)
CPsy 3301 - Introductory Child Psychology for Social Sciences (4.0 cr)
CPsy 4303 - Adolescent Psychology (4.0 cr)
PSY 3101 - Introduction to Personality (3.0 cr)
or PSY 5101 - Personality Psychology (3.0 cr)
PSY 3604 - Introduction to Abnormal Psychology (3.0 cr)
or PSY 5604H - Abnormal Psychology, H (3.0 cr)

Individual Differences, Quantitative, and Applied Psychology
Take 1 or more course(s) from the following:
PSY 3511 - Introduction to Counseling Psychology (3.0 cr)
PSY 3711 - Introduction to Industrial and Organizational Psychology (3.0 cr)
PSY 4133 - Psychological Testing and Assessment (3.0 cr)
PSY 4501 - Psychology of Women (3.0 cr)
PSY 4801 - Introduction to Statistics (4.0 cr)
PSY 5137 - Introduction to Behavioral Genetics (3.0 cr)
PSY 5138 - Psychology of Aging (3.0 cr)
PSY 5501 - Vocational and Occupational Health Psychology (3.0 cr)
PSY 5707 - Personnel Psychology (4.0 cr)
PSY 5708 - Organizational Psychology (4.0 cr)
PSY 5862 - Psychological Measurement: Theory and Methods (3.0 cr)
PSY 5865 - Advanced Psychological and Educational Measurement (4.0 cr)
PSY 3135 - Introduction to Individual Differences (3.0 cr)
or PSY 5135 - Psychology of Individual Differences (3.0 cr)

Electives
Electives from 3xxx, 4xxx or 5xxx level psychology courses not used to fulfill distribution requirements listed above.
Take 4 - 8 credit(s) from the following:
PSY 3xxx
PSY 4xxx
PSY 5xxx
Take no more than 6 credit(s) from the following:
PSY 3960 - Undergraduate Seminar (1.0-5.0 cr)
PSY 3993 - Directed Study (1.0-6.0 cr)
PSY 3996 - Undergraduate Fieldwork and Internship in Psychology (1.0-6.0 cr)
PSY 4993 - Directed Research: Special Areas of Psychology and Related Sciences (1.0-6.0 cr)
PSY 4960 - Seminar in Psychology (1.0-4.0 cr)
PSY 5960 - Topics in Psychology (1.0-4.0 cr)

Senior Project
PSY 3902W - Major Project in Psychology, WI (4.0 cr)
Honors Sequence
PSY 1001 or equivalent
PSY 2801 - Introduction to Psychological Measurement & Data Analysis (3.0 cr)
PSY 3001W/PSY 3001V - Research Methods (3.0 cr)
PSY 4994V - Honors Research Practicum
PSY 4902V - Honors Thesis Project (3.0-6.0 cr)

Psychology Minor
Psychology
Requirements for this program are current for Summer 2006.
Required credits in this minor: 19.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.
Program Requirements
No courses without a PSY designator can be used to fulfill minor requirements without departmental approval. Transfer students must complete a minimum of 10 upper division credits in the psychology department at the University of Minnesota in order to be awarded a minor in psychology.

Required Courses
Preparatory Courses
PSY 1001 - Introduction to Psychology, SSCI (4.0 cr)
PSY 2801 - Introduction to Psychological Measurement & Data Analysis (3.0 cr)
PSY 3001W - Research Methods (3.0 cr)

Required Courses
Preparatory Courses
PSY 1001 - Introduction to Psychology, SSCI (4.0 cr)
PSY 2801 - Introduction to Psychological Measurement & Data Analysis (3.0 cr)
PSY 3001W - Research Methods (3.0 cr)

Take 9 or more credit(s) from the following:
Cognitive and Biological Curriculum
PSY 3011 - Introduction to Learning and Behavior (3.0 cr)
PSY 3031 - Introduction to Sensation and Perception (3.0 cr)
PSY 3051 - Introduction to Cognitive Psychology, SSCI (3.0 cr)
PSY 5012 - Learning and Cognition in Animals (4.0 cr)
PSY 5014 - Psychology of Human Learning and Memory (3.0 cr)
PSY 5015 - Cognition, Computation, and Brain (3.0 cr)
PSY 5031W - Perception, WI (3.0 cr)
PSY 5034 - Psychobiology of Vision (3.0 cr)
PSY 5036W - Computational Vision, WI (3.0 cr)
PSY 5037 - Psychology of Hearing (3.0 cr)
PSY 5038W - Introduction to Neural Networks, WI (3.0 cr)
PSY 5051W - Psychology of Human-Machine Interaction, WI (3.0 cr)
PSY 5054 - Psychology of Language (3.0 cr)
PSY 5062 - Cognitive Neuropsychology (3.0 cr)
PSY 5064 - Brain and Emotion (3.0 cr)
PSY 5061 - Introduction to Biological Psychology (3.0 cr)
or PSY 5061 - Neurobiology of Behavior (3.0 cr)

Clinical, Personality, and Social Areas
PSY 3201 - Introduction to Social Psychology (4.0 cr)
PSY 3301 - Introduction to Cultural Psychology, SSCI (3.0 cr)
PSY 3617 - Introduction to Clinical Psychology (3.0 cr)
PSY 3666 - Human Sexuality (3.0 cr)
PSY 5202 - Attitudes and Social Behavior (3.0 cr)
PSY 5204 - Psychology of Interpersonal Relationships (3.0 cr)
PSY 5205 - Applied Social Psychology (3.0 cr)
PSY 5206 - Social Psychology and Health Behavior (3.0 cr)
PSY 5207 - Personality and Social Behavior (3.0 cr)
PSY 3101 - Introduction to Personality (3.0 cr)
or PSY 5101 - Personality Psychology (3.0 cr)
PSY 3604 - Introduction to Abnormal Psychology (3.0 cr)
or PSY 5604H - Abnormal Psychology, H (3.0 cr)

Individual Differences, Quantitative, & Applied Areas
PSY 3511 - Introduction to Counseling Psychology (3.0 cr)
PSY 3711 - Introduction to Industrial and Organizational Psychology (3.0 cr)
PSY 4133 - Psychological Testing and Assessment (3.0 cr)
PSY 4501 - Psychology of Women (3.0 cr)
PSY 4801 - Introduction to Statistics (4.0 cr)
PSY 5137 - Introduction to Behavioral Genetics (3.0 cr)
PSY 5138 - Psychology of Aging (3.0 cr)
PSY 5501 - Vocational and Occupational Health Psychology (3.0 cr)
PSY 5707 - Personnel Psychology (4.0 cr)
PSY 5708 - Organizational Psychology (4.0 cr)
PSY 5862 - Psychological Measurement: Theory and Methods (3.0 cr)

PSY 5865 - Advanced Psychological and Educational Measurement (4.0 cr)
PSY 3135 - Introduction to Individual Differences (3.0 cr)
or PSY 5135 - Psychology of Individual Differences (3.0 cr)

Religious Studies B.A.
Classical and Near Eastern Studies
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 30.
Degree: Bachelor of Arts.

This program introduces students to the critical study of religions, particularly the religions of antiquity. To ensure direct experience of the central texts of at least one religious tradition there is a strong element of language study. Advanced courses are required in Judaism, classical paganism and Christianity, and ancient philosophy. Concentration on the religious thought and practice of the distant past makes possible a longer perspective on religious issues and a balanced understanding of this important aspect of human behavior.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission
Preparatory Language Coursework
Complete one of the five language groups below before enrolling in the major.

Latin
LAT 1001 - Beginning Latin I (5.0 cr)
LAT 1002 - Beginning Latin II (5.0 cr)
LAT 3113 - Intermediate Latin Prose (4.0 cr)
or
Greek
GRK 1001 - Beginning Classical Greek I (5.0 cr)
GRK 1002 - Beginning Classical Greek II (5.0 cr)
GRK 3113 - Intermediate Greek Prose (4.0 cr)
or
Hebrew Option 1
HEBR 1001 - Beginning Hebrew I (5.0 cr)
HEBR 1002 - Beginning Hebrew II (5.0 cr)
HEBR 3011 - Intermediate Hebrew I (5.0 cr)
or
Hebrew Option 2
HEBR 1001 - Beginning Hebrew I (5.0 cr)
HEBR 1002 - Beginning Hebrew II (5.0 cr)
or
Sanskrit
SKT 5001 - Beginning Sanskrit (3.0 cr)
SKT 5002 - Beginning Sanskrit (3.0 cr)
SKT 5201 - Intermediate Sanskrit (3.0 cr)

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses
Core Curriculum
CNES 3201 - The Bible: Context and Interpretation, LIT (3.0 cr)
or CNES 3202 - Prophecy in Ancient Israel, LIT (3.0 cr)
Advanced Language Study
The language requirement for the major is equivalent to two years or four semesters of college study, usually certified by the completion of one of the following courses.
- LAT 3300 - Intermediate Latin Poetry (4.0 cr)
- GRK 3120 - Greek New Testament (3.0 cr)
- GRK 3300 - Intermediate Greek Poetry (4.0 cr)
- HEBR 3012 - Intermediate Hebrew II (5.0 cr)
- HEBR 3102 - Intermediate Biblical Hebrew II (4.0 cr)
- SKT 5202 - Intermediate Sanskrit (3.0 cr)

Electives
One comparative course on another religious tradition approved by the director of undergraduate studies.
6 credits of electives with the approval of director of undergraduate studies (language courses on religious texts may be included).

Major Project
Students who complete a major project for another CLA major may substitute 4 credits of appropriate coursework at 3xxx or above for the major project in this major.
CNES 395IW - Major Project, WI (4.0 cr)

Religious Studies Minor

Classical and Near Eastern Studies
Requirements for this program are current for Fall 2006.
Required credits in this minor: 14.
The minor in religious studies allows those in other majors to acquire some of the means needed for the critical study of religion.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Only one directed study course may be used in the minor. Grades of D may not be applied to the minor.

Required Courses
Minor Core
Four or the five required courses must be upper division (3xxx to 5xxx), for a total of at least 14 upper division credits.

Take 5 or more course(s) including 2 or more sub-requirement(s) from the following:

Comparative Study
Take 0 - 3 course(s) from the following:
- RELS 1xxx
- RELS 2xxx
- RELS 3xxx
- RELS 4xxx

Methodology and Philosophy
Take 0 - 3 course(s) from the following:
- RELS 1xxx
- RELS 2xxx
- RELS 3xxx
- RELS 4xxx

Bible and Religion in Antiquity
Take 0 - 3 course(s) from the following:
- RELA 1xxx
- RELA 2xxx
- RELA 3xxx
- RELA 4xxx

Russian B.A.

Institute of Linguistics, ESL, and Slavic Languages and Literatures
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 30.
Degree: Bachelor of Arts.
The Slavic and Central Asian Languages and Literatures unit offers study of the Russian, Polish, and Iranic and Turkic languages of Central Asia as well as literature and culture of the Slavic world and Central Asia.

Admission Requirements
Complete the preparatory Russian courses (RUSS 1101, 1102, 3001, 3002) with a minimum grade of C-, or the equivalent.
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of Russian.

Required Courses
Advanced Language Courses
- RUSS 3101 - Advanced Russian I (4.0 cr)
- RUSS 3102 - Advanced Russian II (4.0 cr)

Major Courses
- RUSS 3421 - Literature: Middle Ages to Dostoevsky in Translation, LIT (3.0 cr)
- RUSS 3422 - Literature: Tolstoy to the Present in Translation, LIT (3.0 cr)
- RUSS 3512 - Russian Art and Culture, OH (3.0 cr)

Electives
Take 12 credits, excluding preparatory courses.
Take 4 or more course(s) from the following:
- RUSS 3xxx
- RUSS 4xxx
- RUSS 5xxx
Senior Project
RUSS 3311 - Russian Major Project (3.0 cr)

Russian Minor
Institute of Linguistics, ESL, and Slavic Languages and Literatures
Requirements for this program are current for Fall 2006.
Required credits in this minor: 16.
See the major description for more information.

Admission Requirements
Students must complete language study equivalent to two semesters (intermediate level) before beginning the minor.
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 2 semester(s) of Russian.

Required Courses
Minor Courses
RUSS 3001 - Intermediate Russian I (5.0 cr)
RUSS 3002 - Intermediate Russian II (5.0 cr)
Take 6 or more credit(s) from the following:
RUSS 3xxx
RUSS 4xxx
RUSS 5xxx

Russian Area Studies Minor
Institute for Global Studies
Requirements for this program are current for Fall 2006.
Required credits in this minor: 15.
The minor requires one year of Russian language and 15 credits (five courses) related to Russia. Students must complete at least one course in humanities. Additional information may be found at http://igs.clas.umn.edu.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 2 semester(s) of Russian.
The minor program must be approved by the global studies adviser.

Required Courses
Minor Courses
POL 4471 may be substituted for GEOG 3181, HIST 3636 may be substituted for HIST 3637.
GEOG 3181 - Russia and Environments, IP, SSCI (3.0 cr)
HIST 3637 - Modern Russia: From Peter the Great to the Present (3.0 cr)
RUSS 3421 - Literature: Middle Ages to Dostoevsky in Translation, LIT (3.0 cr)
or RUSS 3422 - Literature: Tolstoy to the Present in Translation, LIT (3.0 cr)

Scandinavian Languages and Finnish B.A.
German, Scandinavian, and Dutch
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 31 to 32.
Degree: Bachelor of Arts.
The program teaches and conducts research in the languages and literature of the Scandinavian countries—Denmark, Finland, Norway, and Sweden—in the context of relevant cultural-historical background. Majors and minors are offered with concentrations in Danish, Finnish, Norwegian, and Swedish.
The department recommends study abroad in one of the countries for at least six months in order to acquire cultural familiarity and language fluency. Students may apply appropriate coursework to the major or minors. The Learning Abroad Center has information on study abroad at www.UMabroad.umn.edu.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
The major consists of a minimum of 31 credits in 3xxx, 4xxx (beyond 4004), and 5xxx courses, with concentration in Danish, Finnish, Norwegian, or Swedish. All courses in the major must be taken A-F and completed with a grade of C- or better. At least two courses must be taken in the Scandinavian program at the University of Minnesota. The major program must be approved by the director of undergraduate studies.

Required Courses
Major Courses
Required for Danish, Norwegian, or Swedish concentrations
SCAN 3011 - Readings in Scandinavian Languages (4.0 cr)
or
Required for Finnish concentration
FIN 3011 - Advanced Finnish (3.0 cr)
FIN 3012 - Advanced Finnish (3.0 cr)
Required for all
Take 3 or more course(s) from the following:
SCAN 3501W - Scandinavian Culture Past and Present, IP, WI (3.0 cr)
SCAN 3502 - Scandinavian Myths, LIT (3.0 cr)
SCAN 3503 - Scandinavian Folklore, LIT (3.0 cr)
SCAN 3504 - The Immigrant Experience, HP, IP (3.0 cr)
SCAN 3601 - Great Literary Works of Scandinavia, LIT (3.0 cr)

Major Project
The major project is a substantial paper of approximately 20 typed pages. The paper is prepared in the Major Project Seminar with the guidance and supervision of a faculty member.
GSD 3451W - Major Project Seminar, WI (4.0 cr)
or GSD 3451V - Honors Major Project Seminar
Danish, Norwegian or Swedish Concentration
Students are required to complete one of the following course groups.
Substantial work in the student’s language of concentration must be done in conjunction with two of the Scandinavian literature or culture courses (SCAN designator), as directed by the instructor or by the director of undergraduate studies. One elective may be taken in an appropriate social science course in consultation with the director of undergraduate studies.

Take 5 or more course(s) from the following:
Scan 3xxx
Scan 4xxx
Scan 5xxx

-OR-

Finnish
Substantial work in the student’s language of concentration must be done in conjunction with two of the Scandinavian literature or culture courses (SCAN designator), as directed by the instructor or by the director of undergraduate studies. One elective may be taken in an appropriate social science course in consultation with the director of undergraduate studies.

Take 4 or more course(s) from the following:
Fin 3xxx
Fin 5xxx
Scan 3xxx
Scan 4xxx
Scan 5xxx

Danish Minor
German, Scandinavian, and Dutch
Requirements for this program are current for Fall 2006.
Required credits in this minor: 16
The minor includes study of the spoken language, literature, culture, and civilization.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions web site at http://admissions.tc.umn.edu

Program Requirements
The minor in Danish consists of a minimum of 16 credits in Scan 3xxx-, 4xxx-, and 5xxx-level courses. No more than one course may be directed or independent study. All courses in the minor must be taken on A-F grading and must be completed with a grade of C- or better. At least one course must be taken in the Scandinavian Program of the University of Minnesota. The minor program must be approved by the Director of Undergraduate Studies.

Required Courses
Minor Courses
Scan 3011, Readings in Scandinavian Languages (4.0. cr)
Take 12 or more credits from the following:
Scan 3xxx
Scan 4xxx
Scan 5xxx

Norwegian Minor
German, Scandinavian, and Dutch
Requirements for this program are current for Fall 2006.
Required credits in this minor: 16
The minor includes study of the spoken language, literature, culture, and civilization.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions web site at http://admissions.tc.umn.edu

Program Requirements
The minor in Norwegian consists of a minimum of 16 credits in Scan 3xxx-, 4xxx-, and 5xxx-level courses. No more than one course may be directed or independent study. All courses in the minor must be taken on A-F grading and must be completed with a grade of C- or better. At least one course must be taken in the Scandinavian Program of the University of Minnesota. The minor program must be approved by the Director of Undergraduate Studies.

Required Courses
Minor Courses
Scan 3011, Readings in Scandinavian Languages
Take 12 or more credits from the following:
Scan 3xxx

Finnish Minor
German, Scandinavian, and Dutch
Requirements for this program are current for Fall 2006.
Required credits in this minor: 16
The minor includes study of the spoken language, literature, culture, and civilization.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions web site at http://admissions.tc.umn.edu

Program Requirements
The minor in Finnish consists of a minimum of 15 credits in Scan 3xxx-, 4xxx-, and 5xxx-level courses. No more than one course may be directed or independent study. All courses in the minor must be taken on A-F grading and must be completed with a grade of C- or better. At least one course must be taken in the Scandinavian Program of the University of Minnesota. The minor program must be approved by the Director of Undergraduate Studies.

Required Courses
Minor Courses
Fin 3011, Advanced Finnish
Fin 3012, Advanced Finnish
Take 9 or more credits from the following:
Fin 3xxx
Fin 5xxx
Scan 3xxx
Scan 4xxx
Scan 5xxx
Swedish Minor

German, Scandinavian, and Dutch

Requirements for this program are current for Fall 2006.

Required credits in this minor: 16

The minor includes study of the spoken language, literature, culture, and civilization.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions web site at http://admissions.tc.umn.edu.

Program Requirements

The minor in Swedish consists of a minimum of 16 credits in Scan 3xxx-, 4xxx-, and 5xxx-level courses. No more than one course may be directed or independent study. All courses in the minor must be taken on A-F grading and must be completed with a grade of C- or better. At least one course must be taken in the Scandinavian Program of the University of Minnesota. The minor program must be approved by the Director of Undergraduate Studies.

Required Courses

Minor Courses

Scan 3011, Readings in Scandinavian Languages

Take 12 or more credits from the following:
Scan 3xxx
Scan 4xxx
Scan 5xxx

Sociology B.A.

Sociology

Requirements for this program are current for Summer 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 31.

Degree: Bachelor of Arts.

Sociology examines stability and change in social life by addressing the underlying patterns of social relations in formal organizations, in legal institutions, and in the family, economy, and political arena.

Coursework focuses on the criminal justice system and criminal behavior; mental health; families and close relationships; education; urban and rural communities; politics and policy formation; social movements and social change; diverse racial and ethnic groups; and social psychology. Faculty interests in the comparative study of social relations and institutions in various countries add an international emphasis to these areas of study. All sociology courses emphasize the skills of social inquiry necessary for analyzing patterns of social relationships.

For more information, visit the sociology Web site for undergraduates at: www.soc.umn.edu/undergrad/undergrad.htm.

Admission Requirements

Students must complete 1 courses before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Preparatory Coursework

SOC 1001 - Introduction to Sociology, CD, SSCI (4.0 cr)
or SOC 1011V - Honors: Introduction to Sociology, CD, SSCI, WI, H (4.0 cr)

Program Requirements

Students are required to take 4 semester(s) of any second language.

Before beginning the senior project, students must complete all major coursework except one elective course. Students must be on a pre-approved waiting list to register for the senior project and should contact the Department of Sociology at least two semesters in advance of registration.

Required Courses for Admission

Required Courses

SOC 1001 - Social Theory (4.0 cr)
SOC 3801W - Sociological Research Methods, WI (4.0 cr)
SOC 3811 - Basic Social Statistics, MATH (4.0 cr)

Take 15 or more credit(s) from the following:
SOC 3xxx
SOC 4xxx
SOC 5xxx

Take 1 or more course(s) from the following:
SOC 4xxx
SOC 5xxx

Final Project

Before beginning the senior project, students must complete all major coursework except one elective course. The elective must be taught by the same faculty member who is guiding the student project. Elective coursework must be chosen from a list available from the department.

SOC 4966W - Major-Project Seminar, WI (4.0 cr)
or SOC 4094W - Directed Research: Senior Project, WI (4.0 cr)
or consult with your faculty adviser.

SOC 4967W - Advanced Senior Project Independent Study, WI (1.0 cr)
SOC 3xxx
or
SOC 4xxx
or
SOC 5xxx

Sociology B.S.

Sociology

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 31.

Degree: Bachelor of Science.

Sociology examines stability and change in social life by addressing the underlying patterns of social relations in formal organizations, in legal institutions, and in the family, economy, and political arena.

Coursework focuses on the criminal justice system and criminal behavior; mental health; families and close relationships; education; urban and rural communities; politics and policy formation; social movements and social change; diverse racial
and ethnic groups; and social psychology. Faculty interests in the comparative study of social relations and institutions in various countries add an international emphasis to these areas of study. All sociology courses emphasize the skills of social inquiry necessary for analyzing patterns of social relationships.

For more information, visit the sociology Web site for undergraduates at: www.soc.umn.edu/undergrad/undergrad.htm.

Admission Requirements

Students must complete 1 courses before admission to the program.

To be considered for the B.S. option, students must submit a written proposal to the undergraduate adviser in the Department of Sociology. Students will be signed up for the B.A. in sociology until the proposal is approved by department faculty.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Preparatory Coursework
Students are encouraged to complete two semesters of calculus before declaring the major. Calculus is often a prerequisite for some courses in the major.

SOC 1001 - Introduction to Sociology, CD, SSCI (4.0 cr)
or SOC 1011V - Honors: Introduction to Sociology, CD, SSCI, WI, H (4.0 cr)

Program Requirements

All major coursework must be completed before beginning the senior project. Students must be on a pre-approved waiting list to register for the senior project and should contact the Department of Sociology at least two semesters in advance of registration.

Required Courses

Required Courses
At least 3 credits of the electives must be at the 4xxx level.

SOC 3701 - Social Theory (4.0 cr)
SOC 3801W - Sociological Research Methods, WI (4.0 cr)
or SOC 3811 - Basic Social Statistics, MATH (4.0 cr)

Take 15 or more credit(s) from the following:
SOC 3xxx
SOC 4xxx
SOC 5xxx

Supportive Field

Complete 12-16 credits. Consult with an adviser for other appropriate courses.

Take 2 or more course(s) from the following:
CSCI 4041 - Algorithms and Data Structures (4.0 cr)
ECON 4113 - Introduction to Mathematical Economics (4.0 cr)
ECON 4211 - Principles of Econometrics (4.0 cr)
ECON 4261 - Introduction to Econometrics (4.0 cr)
ECON 4262 - Econometric Analysis (2.0 cr)
MATH 4242 - Applied Linear Algebra (4.0 cr)
MATH 4606 - Advanced Calculus (4.0 cr)
MATH 5248 - Cryptology and Number Theory (4.0 cr)
MATH 5335 - Geometry I (4.0 cr)
MATH 5651 - Basic Theory of Probability and Statistics (4.0 cr)
MATH 5707 - Graph Theory and Non-enumerative Combinatorics (4.0 cr)
STAT 3021 - Introduction to Probability and Statistics (3.0 cr)
STAT 3022 - Data Analysis (4.0 cr)
STAT 4101 - Theory of Statistics I (4.0 cr)
STAT 4102 - Theory of Statistics II (4.0 cr)
STAT 5201 - Sampling Methodology in Finite Populations (3.0 cr)
STAT 5302 - Applied Regression Analysis (4.0 cr)
STAT 5421 - Analysis of Categorical Data (3.0 cr)

Sociology Minor

Sociology

Requirements for this program are current for Fall 2006.

Required credits in this minor: 18 to 20.

Sociology examines stability and change in social life by addressing the underlying patterns of social relations in formal organizations, in legal institutions, and in the family, economy, and political arena.

Admission Requirements

Students must complete 4 credits before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

SOC 1001 - Introduction to Sociology, CD, SSCI (4.0 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans. (Note: The honors sub-plan does not meet this requirement.) Honors students are required to complete one sub-plan plus the honors sub-plan.

General Sociology

Required Courses

SOC 3701 - Social Theory (4.0 cr)
SOC 3801W - Sociological Research Methods, WI (4.0 cr)
or SOC 3811 - Basic Social Statistics, MATH (4.0 cr)

Take 2 or more course(s) from the following:
SOC 3xxx
SOC 4xxx
Degree Programs

Sociology of Law, Criminology, and Deviance B.A.

Sociology

Requirements for this program are current for Summer 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 31.

Degree: Bachelor of Arts.

Sociology examines stability and change in social life by addressing the underlying patterns of social relations in formal organizations, in legal institutions, and in the family, economy, and political arena.

Coursework focuses on the criminal justice system and criminal behavior; mental health; families and close relationships; education; urban and rural communities; politics and policy formation; social movements and social change; diverse racial and ethnic groups; and social psychology. Faculty interests in the comparative study of social relations and institutions in various countries add an international emphasis to these areas of study.

All sociology courses emphasize the skills of social inquiry necessary for analyzing patterns of social relationships.

For more information, visit the sociology Web site at www.soc.umn.edu/undergrad/undergrad.htm.

Admission Requirements

Students must complete 1 course before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Required Courses for Admission

Preparatory Course

SOC 1001 - Introduction to Sociology, CD, SSCI (4.0 cr)

or

SOC 1011V - Honors: Introduction to Sociology, CD, SSCI, WI, H (4.0 cr)

Program Requirements

Students are required to take 4 semester(s) of any second language.

Before beginning the senior project, students must complete all major coursework except one elective course. Students must be on a pre-approved waiting list to register for the senior project and should contact the Department of Sociology at least two semesters in advance of registration.

Required Courses

Major Courses

SOC 3101 - Introduction to the American Criminal Justice System, C/PE, SSCI (3.0 cr)

or

SOC 3102 - Introduction to Criminal Behavior and Social Control (3.0 cr)

SOC 3701 - Social Theory (4.0 cr)

or

SOC 3801W - Sociological Research Methods, WI (4.0 cr)

SOC 3811 - Basic Social Statistics, MATH (4.0 cr)

Electives

Three credits must be in general sociology electives and at least 6 credits must be in law, criminology, and deviance (LCD) 41xx electives.

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

SOC 3xxx

SOC 4xxx

SOC 5xxx

General Sociology Electives

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

SOC 3xxx

SOC 4xxx

SOC 41xx

Senior Project

Before beginning the senior project, students must complete all major coursework except one elective course. The elective must be taught by the same faculty member who is guiding the student project. Elective coursework must be chosen from a list available from the department.

SOC 4094W - Directed Research: Senior Project, WI (4.0 cr)

or

SOC 4966W - Major-Project Seminar, WI (4.0 cr)

SOC 4967W - Advanced Senior Project Independent Study, WI (1.0 cr)

SOC 3xxx

or

SOC 4xxx

or

SOC 5xxx

Sociology of Law, Criminology, and Deviance B.S.

Sociology

Requirements for this program are current for Fall 2005.

Required credits to graduate with this degree: 120.

Required credits within the major: 31.

Degree: Bachelor of Science.

Sociology examines stability and change in social life by addressing the underlying patterns of social relations in formal organizations, in legal institutions, and in the family, economy, and political arena.

Coursework focuses on the criminal justice system and criminal behavior; mental health; families and close relationships; education; urban and rural communities; politics and policy formation; social movements and social change; diverse racial and ethnic groups; and social psychology. Faculty interests in the comparative study of social relations and institutions in various countries add an international emphasis to these areas of study.

All sociology courses emphasize the skills of social inquiry necessary for analyzing patterns of social relationships.
For more information, please visit the sociology Web site at [www.soc.umn.edu/undergrad/undergrad.htm](http://www.soc.umn.edu/undergrad/undergrad.htm).

**Admission Requirements**

Students must complete 1 course(s) before admission to the program.

To be considered for the B.S. program, students must submit a written proposal to the undergraduate adviser in the Department of Sociology. Students will be signed up for the B.A. in sociology until the proposal is approved by department faculty.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Required Courses for Admission**

**Preparatory Courses**

Students are encouraged to complete two semesters of calculus before declaring the major. Calculus is often a prerequisite to complete other courses in the major.

- SOC 1001 - Introduction to Sociology, CD, SSCI (4.0 cr)
- or SOC 1011V - Honors: Introduction to Sociology, CD, SSCI, WI, H (4.0 cr)

**Program Requirements**

All major coursework must be completed before beginning the senior project. Students must be on a pre-approved waiting list to register for the senior project and should contact the Department of Sociology at least two semesters in advance of registration.

**Required Courses**

**Major Courses**

- SOC 3101 - Introduction to the American Criminal Justice System, C/PE, SSCI (3.0 cr)
- or SOC 3102 - Introduction to Criminal Behavior and Social Control (3.0 cr)
- SOC 3701 - Social Theory (4.0 cr)
- SOC 3801W - Sociological Research Methods, WI (4.0 cr)
- SOC 3811 - Basic Social Statistics, MATH (4.0 cr)

At least 6 credits must be from 41xx law, criminology, and deviance courses.

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

SOC 3xxx
SOC 4xxx
SOC 5xxx

**Supportive Field Courses**

Take 2 or more course(s) totaling 12 - 16 credit(s) from the following:

- CSCI 4041 - Algorithms and Data Structures (4.0 cr)
- ECON 4113 - Introduction to Mathematical Economics (4.0 cr)
- ECON 4211 - Principles of Econometrics (4.0 cr)
- ECON 4261 - Introduction to Econometrics (4.0 cr)
- ECON 4262 - Econometric Analysis (2.0 cr)
- EPSY 3119 - Learning, Cognition, and Assessment, SSCI (3.0 cr)
- EPSY 5113 - Psychology of Instruction and Technology (3.0 cr)
- EPSY 5114 - Psychology of Student Learning (3.0 cr)
- MATH 4242 - Applied Linear Algebra (4.0 cr)
- MATH 4606 - Advanced Calculus (4.0 cr)
- MATH 5248 - Cryptology and Number Theory (4.0 cr)
- MATH 5335 - Geometry I (4.0 cr)
- MATH 5651 - Basic Theory of Probability and Statistics (4.0 cr)
- MATH 5707 - Graph Theory and Non-enumerative Combinatorics (4.0 cr)
- PHIL 3601W - Scientific Thought, OH, WI (4.0 cr)
- PHIL 4611 - Philosophy of the Social Sciences, WI (3.0 cr)
- PSY 5862 - Psychological Measurement: Theory and Methods (3.0 cr)
- STAT 3021 - Introduction to Probability and Statistics (3.0 cr)
- STAT 3022 - Data Analysis (4.0 cr)
- STAT 4101 - Theory of Statistics I (4.0 cr)
- STAT 4102 - Theory of Statistics II (4.0 cr)
- STAT 5201 - Sampling Methodology in Finite Populations (3.0 cr)
- STAT 5302 - Applied Regression Analysis (4.0 cr)
- STAT 5421 - Analysis of Categorical Data (3.0 cr)

**Sociology of Law, Criminology, and Deviance Minor**

**Sociology**

Required credits for this program are current for Fall 2006.

Required credits in this minor: 16.

Sociologists study human social behavior. More specifically, sociology examines how we group ourselves (families, social groups, formal organizations, societies); how we behave in groups (collective action, social change, crime and delinquency); and how characteristics like age, race, social class, and gender affect our relationships with each other and with organizations and institutions.

**Admission Requirements**

Students must complete 4 credits before admission to the program.

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Required Courses for Admission**

**Preparatory Courses**

SOC 1001 - Introduction to Sociology, CD, SSCI (4.0 cr)
- or SOC 1011V - Honors: Introduction to Sociology, CD, SSCI, WI, H (4.0 cr)
- or equivalent Transfer Course

**Program Requirements**

One elective may be taken S-N. The remaining credits must earn a grade of at least C- in each course.

Transfer students must meet the requirements either through approved coursework completed at their transfer institution or at the University of Minnesota, with at least 6 credits (at least two courses) from the University of Minnesota, Twin Cities, Department of Sociology.

**Required Courses**

**Minor Courses**

- SOC 3101 - Introduction to the American Criminal Justice System, C/PE, SSCI (3.0 cr)
- or SOC 3102 - Introduction to Criminal Behavior and Social Control (3.0 cr)

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<tr>
<th>Course</th>
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<tr>
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South Asian and Middle Eastern Studies Minor

Institute for Global Studies

Requirements for this program are current for Fall 2006.

Required credits in this minor: 15.

The minor requires completion of five 3xxx-5xxx courses (totaling at least 15 credits) related to South Asia and the Middle East.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Two years of an adviser-approved Middle Eastern or South Asian language is required. Courses must be drawn from at least three departments. All courses must be taken A-F, with a grade of at least C-. The minor program must be approved by the global studies adviser.

Required Courses

Minor Courses

One course (3 credits) in the humanities of South Asia or the Middle East.

One course (3 credits) in the social sciences or history of South Asia or the Middle East.

9 credits of coursework relating to South Asia or the Middle East, chosen in consultation with a global studies adviser.

Spanish Studies B.A.

Spanish and Portuguese

Requirements for this program are current for Summer 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 34 to 35.

Degree: Bachelor of Arts.

The program develops analytical skills and methodologies needed to explore Hispanic, Hispanic-American, and Luso-Brazilian languages and cultures. The department offers two majors (Spanish studies and combined Spanish-Portuguese studies) and two minors (Spanish studies and Portuguese studies).

It is important to note that department majors and minors are not simply Spanish and Portuguese language majors or minors, rather, they are liberal arts majors and minors concentrating on Spanish, Latin American and/or Luso-Brazilian literary, cultural, and linguistic studies with language skills at the foundation.

All major and minor options in this department begin with prerequisite language courses, followed by advanced language skills courses (special arrangements may be made for native speakers of Spanish or Portuguese). These are followed by critical analysis skills courses in Hispanic literature, culture, and linguistics that prepare students to take advanced coursework in specific areas. The major options culminate in the completion of an individual major research project through the Graduation Seminar.

The department strongly encourages majors and minors to study abroad in a Spanish or Portuguese-speaking area. The department sponsors study abroad programs in Spain, Mexico, Venezuela, and Ecuador. Students who wish to complete department program requirements through study abroad must meet with the department adviser prior to departure. Detailed information regarding Spanish and Portuguese studies undergraduate academic issues is available from the Undergraduate Advising Office in 34 Folwell Hall.

This description should only be used as a general overview of departmental programs. For more detailed information see departmental advising staff in 34 Folwell Hall (Telephone: 612-624-9348, e-mail: spadvise@umn.edu). Students must declare majors within the department before completing the majority of major requirements and are encouraged to declare the major as early as possible (preferably during preparatory pre-requisite stages). For declaration procedures see the department website at www.spanport.umn.edu.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Preparatory work: In order to begin coursework in the major students must have completed the equivalent of four semesters of college level Spanish (at least 16 credits) and have successfully passed all parts of the Language Proficiency Exam (LPE).

Language Proficiency

The department emphasizes student initiative and responsibility in acquiring a high level of language proficiency that is crucial for successful completion of courses beyond SPAN 3021. The department sponsors study abroad programs in Mexico, Ecuador, Venezuela, and Spain; offers a course in incorporating service learning in the local Chicano-Latino community; and provides a language tutoring lab and advanced writing center during the academic year while courses are in session.

Required Courses

Major Courses

Students who do not receive a B- or better in SPAN 3015 must take SPAN 3021.

SPAN 3015 - Spanish Composition and Communication (4.0 cr)
SPAN 3104W - Analysis and Interpretation of Texts, LIT, WI (3.0 cr)
SPAN 3105W - Introduction to the Study of Hispanic Civilizations, WI (3.0 cr)
SPAN 3107W - Introduction to the Study of Hispanic Linguistics, WI (3.0 cr)

Electives

A total of 6 elective courses must be taken to complete the major. Take at least 4 courses that have a SPAN 31xx course as prerequisite. The following is a list of some of the courses that fulfill this requirement.
SPAN 3211 - Literary Discourses of Imperial Spain, 1492-1800 (3.0 cr)
SPAN 3212 - Literary Discourses of Modern and Contemporary Spain (1800-Present) (3.0 cr)
SPAN 3221 - Latin American Colonial Discourses Since 1492 (3.0 cr)
SPAN 3222 - Discourses of Nation Building and Modernization in Latin America (3.0 cr)
SPAN 3501 - Spanish Civilization: Roots of Modern Spain and Latin America (3.0 cr)
SPAN 3502 - Spanish Civilization: Modern Spain (3.0 cr)
SPAN 3510 - Issues in Hispanic Cultures (3.0 cr)
SPAN 3512 - Modern Latin American Civilization (3.0 cr)
SPAN 3701 - The Structure of Spanish: Phonology (3.0 cr)
SPAN 3702 - Structure of Spanish: Morphology and Syntax (3.0 cr)
SPAN 3703 - Origins and History of Spanish and Portuguese (3.0 cr)
SPAN 3704 - Sociolinguistics of the Spanish-Speaking World (3.0 cr)
SPAN 3730 - Topics in Hispanic Linguistics (3.0 cr)
SPAN 3800 - Film Studies in Spanish (3.0 cr)
SPAN 3910 - Topics in Spanish-American Literature (3.0 cr)
SPAN 3920 - Topics in Spanish-American Literature (3.0 cr)
SPAN 3930 - Topics in Hispanic American Studies (3.0 cr)
SPAN 3940 - Figures in Spanish Peninsular Literature (3.0 cr)
SPAN 3950 - Figures in Spanish American Literature (3.0 cr)
SPAN 3970 - Directed Studies (1.0-4.0 cr)

Topics courses may be repeated up to 3 times. Those courses end in "0." Examples are SPAN 3510, 3910, 3920, 3730, etc.

Take no more than 2 courses that do not have a Span 31xx reerequisite. Examples are: SPAN 3021*

*Students who do not receive a B- or better in SPAN 3015 must take SPAN 3021 as one of their 6 elective courses.
SPAN 3401 - Service Learning in the Chicano/Latino Community (3.0 cr)
SPAN 3404 - Advanced Medical Spanish (4.0 cr)
SPAN 3406 - Medical Spanish and Community Health Service (3.0 cr)
SPAN 3022 Advanced Business Spanish (4.0 cr)
PORT 3001 - Portuguese for Spanish Speakers (4.0 cr)

To complete the Spanish residency requirement, 9 credits of upper division coursework (6 credits of which must have a Span 31xx pre-requisite) must be completed at the University of Minnesota, Twin Cities. Students pursuing a second CLA major may choose to complete the major project requirement in the other major. These students must substitute 3 credits in advanced electives in the Spanish major for SPAN 3972.

Senior Project
All B.A. candidates must complete a major project in Spanish by registering in and attending SPAN 3972 after all other major credits are completed. Graduation seminar informational/preparatory sessions are available in the department several times a year. Permission for seminar registration must be obtained from the department adviser.
SPAN 3972W - Graduation Seminar, WI (3.0 cr)

Spanish Studies Minor

Requirements for this program are current for Fall 2006.
Required credits in this minor: 16-17.
See the major for information on undergraduate programs, department sponsored study abroad programs, and declaration procedures.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
In order to begin coursework in the major students must have completed the equivalent of four semesters of college level Spanish (at least 16 credits) and have successfully passed all parts of the Language Proficiency Exam (LPE). Students must declare the minor at least one full term before completing minor requirements and are encouraged to declare it as early as possible (preferably during preparatory coursework).

Minor Courses
The minor consists of 5 courses

Spanish and Portuguese Studies

B.A.

Spanish and Portuguese

Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 35 - 36.
Degree: Bachelor of Arts.
the Spanish Studies B.A. for information on Undergraduate programs, department sponsored study abroad programs, and declaration procedures.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
In order to begin coursework in the major students must have completed the equivalent of four semesters of college level Spanish (at least 16 credits) and have successfully passed all parts of the Language Proficiency Exam (LPE) AND take PORT 3001 - Portuguese for Spanish Speakers or the equivalent of four semesters of college level Portuguese.

Major Courses
Students that do not receive a B- or better in SPAN 3015 must substitute 3 credits in advanced electives in the Spanish major for SPAN 3972.

Spanish and Portuguese Studies

Electives
Take two SPAN electives that have a SPAN 31xx pre-requisite. Below is a list of some of the courses that fulfill this requirement.
Speech-Language-Hearing Sciences B.A.

Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 39 - 41.
Degree: Bachelor of Arts.
The curriculum examines the physical, biological, and behavioral foundations of human communication. Courses focus on the study of normal speech, language, and hearing processes, and seek to apply that knowledge to identifying, preventing, evaluating, and managing disordered speech, language, and hearing.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.
Majors are advised to select additional courses beyond those needed to satisfy the liberal education requirements in the behavioral, biological, cognitive, physical, and social sciences; mathematics; statistics; and research design and methodology.

Required Courses
PORT 3003 - Portuguese Conversation and Composition (4.0 cr)

Electives
Take four 3xxx PORT classes. The following are of some of the courses that fulfill this requirement.
PORT 3501W - Foundations of Portuguese Culture, WI (3.0 cr)
PORT 3502W - Foundations of Brazilian Culture, WI (3.0 cr)
PORT 3503W - Literatures and Cultures of Lusophone Africa, WI (3.0 cr)
PORT 3800 - Film Studies in Portuguese (3.0 cr)
PORT 3970 - Directed Readings (1.0-4.0 cr)

Speech-Language-Hearing Sciences Minor

Spanish Electives
SPAN 3212 - Literary Discourses of Modern and Contemporary Spain (1800-Present) (3.0 cr)
SPAN 3221 - Latin American Colonial Discourses Since 1492 (3.0 cr)
SPAN 3222 - Discourses of Nation Building and Modernization in Latin America (3.0 cr)
SPAN 3501 - Spanish Civilization: Roots of Modern Spain and Latin America (3.0 cr)
SPAN 3502 - Spanish Civilization: Modern Spain (3.0 cr)
SPAN 3510 - Issues in Hispanic Cultures (3.0 cr)
SPAN 3512 - Modern Latin American Civilization (3.0 cr)
SPAN 3701 - The Structure of Spanish: Phonology (3.0 cr)
SPAN 3702 - Structure of Spanish: Morphology and Syntax (3.0 cr)
SPAN 3703 - Origins and History of Spanish and Portuguese (3.0 cr)
SPAN 3704 - Sociolinguistics of the Spanish-Speaking World (3.0 cr)
SPAN 3730 - Topics in Hispanic Linguistics (3.0 cr)
SPAN 3800 - Film Studies in Spanish (3.0 cr)
SPAN 3910 - Figures in Spanish Peninsular Literature (3.0 cr)
SPAN 3920 - Figures in Spanish American Literature (3.0 cr)
SPAN 3930 - Topics in Hispanic Linguistics (3.0 cr)
Topics courses may be repeated up to 3 times. These courses end in “0.”
Examples are: SPAN 3510, 3910, 3920, 3730 etc.

Portuguese Electives
Take two PORT electives. The following are some courses that fulfill this requirement:
PORT 3501W - Foundations of Portuguese Culture, WI (3.0 cr)
PORT 3502W - Foundations of Brazilian Culture, WI (3.0 cr)
PORT 3503W - Literatures and Cultures of Lusophone Africa, WI (3.0 cr)
PORT 3800 - Film Studies in Portuguese (3.0 cr)
PORT 3970 - Directed Readings (1.0-4.0 cr)

Senior Project
All B.A. candidates must complete a major project in Spanish-Portuguese by registering in and attending SPAN 3972 after all other major credits are completed. Graduation seminar informational/preparatory sessions are available in the department several times a year. Permission for seminar registration must be obtained from the department adviser.
SPAN 3972W - Graduation Seminar, WI (3.0 cr)

Required Courses

Portuguese Studies Minor

Spanish and Portuguese

Requirements for this program are current for Fall 2006.
Required credits in this minor: 16
See Spanish Major B.A. for Information on Undergraduate programs, department sponsored study abroad programs, and declaration procedures.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Preparatory work: In order to begin coursework in the major students must have completed the equivalent of four semesters of college level Portuguese (at least 16 credits) and have successfully passed all parts of the Language Proficiency Exam (LPE)
Speech-Language-Hearing Sciences Minor

Requirements for this program are current for Fall 2006.

Required credits in this minor: 14.

The minor’s curriculum examines the physical, biological, and behavioral foundations of human communication. Courses focus on the study of normal speech, language, and hearing processes, and apply that knowledge to identifying, preventing, evaluating, and managing disordered speech, language, and hearing.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Choose 14 credits of 3xxx, 4xxx, or 5xxx courses in the Department of Speech-Language-Hearing Sciences. No more than 20 percent of the credits may be directed study. All courses must be completed with a grade of at least C.

Required Courses

Minor Courses

Take 14 or more credit(s) from the following:
SLHS 3xxx
SLHS 4xxx
SLHS 5xxx

Statistics B.A.

Statistics, School of-ADM

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 27.

Degree: Bachelor of Arts.

Statistics is concerned with theories and methods of data collection, tabulation, analysis, and interpretation, and their use in learning from data and making decisions.

A bachelor’s degree gives students an understanding of the theory of statistics and trains them in basic use of the most important types of statistical methods. The degree prepares students for graduate work or for jobs in such diverse areas as marketing analysis, quality management, and support for scientific research.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students must complete 27 credits in STAT 3xxx or higher (including one year of theory, one year of introductory statistical methods, and three courses in advanced statistical methods) plus two years of math (including multivariable calculus and linear algebra) and one computer programming course, all with grade C- or better.

Required Courses

MATH 5651 can replace STAT 5101.
STAT 3011 - Introduction to Statistical Analysis, MATH (4.0 cr)
or STAT 3021 - Introduction to Probability and Statistics (3.0 cr)
STAT 3022 - Data Analysis (4.0 cr)
STAT 4101 - Theory of Statistics I (4.0 cr)
STAT 4102 - Theory of Statistics II (4.0 cr)
or
STAT 5101 - Theory of Statistics I (4.0 cr)
STAT 5102 - Theory of Statistics II (4.0 cr)
STAT 4893 - Senior Paper

At least 10 credits of adviser-approved statistics electives chosen from the following: STAT 5031, 5041, 5201, 5302, 5303, 5401, 5421, 5601, 4931, 5931, 5932

Mathematics

MATH 1271 - Calculus I, MATH (4.0 cr)
or MATH 1371 - IT Calculus I, MATH (4.0 cr)
MATH 1272 - Calculus II (4.0 cr)
or MATH 1372 - IT Calculus II (4.0 cr)
MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
or MATH 2373 - IT Linear Algebra and Differential Equations (4.0 cr)
MATH 2263 - Multivariable Calculus (4.0 cr)
or MATH 2374 - IT Multivariable Calculus and Vector Analysis (4.0 cr)
or
Honors Sequence

MATH 1571H - Honors Calculus I, MATH, H (4.0 cr)
MATH 1572H - Honors Calculus II, H (4.0 cr)
MATH 2573H - Honors Calculus III, H (4.0 cr)
MATH 2574H - Honors Calculus IV, H (4.0 cr)

Major Courses

MATH 4242 - Applied Linear Algebra (4.0 cr)
STAT 3011 - Introduction to Statistical Analysis, Math (4.0 cr)
STAT 3021 - Introduction to Probability and Statistics (3.0 cr)
STAT 3022 - Data Analysis (4.0 cr)
STAT 4893W - Senior Paper, WI (1.0 cr)

Programming for Statisticians

CSCI 1103 - Introduction to Computer Programming in Java (4.0 cr)
or CSCI 1107 - Introduction to FORTRAN Programming for Scientists and Engineers (3.0 cr)
or CSCI 1113 - Introduction to C/C++ Programming for Scientists and Engineers (4.0 cr)

Additional Mathematics courses

MATH 2243 - Linear Algebra and Differential Equations (4.0 cr)
MATH 2263 - Multivariable Calculus (4.0 cr)
MATH 4242 - Applied Linear Algebra (4.0 cr)

Electives

Take 10 or more credit(s) from the following:
STAT 4931 - Topics in Statistics (3.0 cr)
STAT 4932 - Topics in Statistics (3.0 cr)
STAT 5031 - Statistical Methods for Quality Improvement (4.0 cr)
STAT 5201 - Sampling Methodology in Finite Populations (3.0 cr)
STAT 5302 - Applied Regression Analysis (4.0 cr)
STAT 5303 - Designing Experiments (4.0 cr)
STAT 5401 - Applied Multivariate Methods (3.0 cr)
STAT 5421 - Analysis of Categorical Data (3.0 cr)
STAT 5601 - Nonparametric Methods (3.0 cr)
STAT 5931 - Topics in Statistics (3.0 cr)
STAT 5932 - Topics in Statistics (3.0 cr)
Statistics Minor

Requirements for this program are current for Fall 2006.
Required credits in this minor: 14.
Statistics is concerned with theories and methods of data collection, tabulation, analysis, and interpretation, and their use in learning from data and making decisions.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Minor Courses

Take at least 14 credit(s) from the following:
STAT 3xxx
STAT 4xxx
STAT 5xxx

Take at least two courses from:
STAT 4xxx
STAT 5xxx

Studies in Cinema and Media Culture B.A.

Cultural Studies and Comparative Literature

Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 32.
Degree: Bachelor of Arts.

Studies in cinema and media culture (SCMC) examines cinema by emphasizing its location within the intricate social, historical, and cultural matrix of audiovisual forms and practices. Core courses and electives are offered not only in the Department of Cultural Studies and Comparative Literature (CSCL) but also in a number of other contributing departments. Through the program’s interdisciplinary framework, students explore the sounds and images of cinema as they have changed throughout the 19th and 20th centuries. Print, photography, radio, television, video, and digital media are also considered crucial to understanding the medium. Students develop the ability to ‘read’ the production and circulation of meaning in cinema, especially within the institutions of mass culture; examine the history of cinema cultures; engage the cross-cultural and global dynamics of cinema production and reception; and explore the theoretical models that have shaped thinking about the cinema and its relations to other media.

Although the major includes a production component, its principal focus is on cultural contexts, history, and theory.

Effective fall 2001 the studies in cinema and media culture major replaced the film studies major. Currently declared film studies majors have the option of either completing their degree in film studies or transferring to the new SCMC major. The director of undergraduate studies can help students transfer programs.
For the latest information on the SCMC major, visit the CSCL Web site.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of any second language.

Required Courses

Major Courses

ARTH 1921W - Introduction to Film Study, IP, OH, WI (4.0 cr)
or CSCL 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
or CSCL 1921 - Introduction to Film Study, OH (4.0 cr)
or SCMC 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
ARTH 3921W - Art of the Film, IP, OH, WI (4.0 cr)
or SCMC 3001 - History of Cinema and Media Culture (4.0 cr)
SCMC 5001 - Critical Debates in the Study of Cinema and Media Culture (4.0 cr)

Context, Practice, Difference, and Analysis

AMST 3111 - American Cultures and the Arts (3.0 cr)
or AMST 3252W - American Popular Culture and Politics: 1900 to 1940, C/PE, HP, WI (4.0 cr)
or AMST 3253W - American Popular Culture and Politics: 1940 to the Present, C/PE, HP, WI (4.0 cr)
or ARTH 3575 - The Art of Walt Disney in American Culture (4.0 cr)
or COMM 3211 - Introduction to U.S. Electronic Media (3.0 cr)
or COMM 5261 - Political Economy of Media Culture (3.0 cr)
or HIST 3705 - From Printing Press to Internet: Media, Communications, and History (3.0 cr)
or AMST 4271 - History of Computing (3.0 cr)
or JOUR 3614 - History of Media Communication, HP, WI (3.0 cr)
or JOUR 3745 - Mass Media and Popular Culture, CD, SSCI (3.0 cr)
or JOUR 5615 - History of the Documentary (3.0 cr)
or COMM 3201 - Introduction to Electronic Media Production (4.0 cr)
or ENGW 5205 - Screenwriting (4.0 cr)
AFRO 5655 - African American Cinema, CD, OH (3.0 cr)
or ALL 3456 - Japanese Film, OH (3.0 cr)
or COMM 4231 - Comparing Electronic Media Systems, IP (3.0 cr)
or COMM 4235 - Electronic Media and Ethnic Minorities—A World View, IP (3.0 cr)
or COMM 5233W - Electronic Media and National Development, WI (3.0 cr)
or CSCL 3176 - Oppositional Cinemas, IP, OH (4.0 cr)
or FRIT 3802 - Cinema and Realism (3.0 cr)
or FRIT 3803 - New Wave Cinemas: Love, Alienation and Landscape in Post-War Italian and French Film (3.0 cr)
or GER 3604W - Introduction to German Cinema, OH, WI (3.0 cr)
ARTH 3927 - Documentary Cinema (4.0 cr)
or ARTH 5927 - Documentary Cinema (4.0 cr)
AFRO 3741 - People of Color and the Mass Media (3.0 cr)
or JOUR 3741 - People of Color and the Mass Media, CD (3.0 cr)
CSCL 3115 - Cinema and Ideology, OH (4.0 cr)
or WOST 3307 - Feminist Film Studies, CD, OH (3.0 cr)
ARTH 3927 - Documentary Cinema (4.0 cr)
or ARTH 5927 - Documentary Cinema (4.0 cr)

Electives

One elective may be 1xxx, and one 3xxx, 4xxx, 5xxx course may serve as a basis for the senior project. Courses used to fulfill other requirements may not be counted toward the elective course requirement.

Take 3 or more course(s) from the following:
AFRO 3654 - African Cinema, IP, OH (4.0 cr)
AFRO 3741 - People of Color and the Mass Media (3.0 cr)
AFRO 5655 - African American Cinema, CD, OH (3.0 cr)
ALL 1001 - Asian Film and Animation (3.0 cr)
College of Liberal Arts

ALL 3356W - Chinese Film, IP, OH, WI (3.0 cr)
ALL 3456 - Japanese Film, OH (3.0 cr)
AMIN 3402 - American Indians and the Cinema, CD, OH (3.0 cr)
AMST 3111 - American Cultures and the Arts (3.0 cr)
AMST 3252W - American Popular Culture and Politics: 1900 to 1940, C/PE, HP, WI (4.0 cr)
AMST 3253W - American Popular Culture and Politics: 1940 to the Present, C/PE, HP, WI (4.0 cr)
ARTH 1921W - Introduction to Film Study, IP, OH, WI (4.0 cr)
ARTH 3575 - The Art of Walt Disney in American Culture (4.0 cr)
ARTH 3921W - Art of the Film, IP, OH, WI (4.0 cr)
ARTH 5655 - African American Cinema, CD, OH (3.0 cr)
ARTS 3601 - Interactivity: Digital Processes (4.0 cr)
ARTS 3703 - Photography: Digital Imaging (4.0 cr)
ARTS 5610 - Interactivity: Advanced Digital Processes (4.0 cr)
COMM 3201 - Introduction to Electronic Media Production (4.0 cr)
COMM 3204 - Advanced Electronic Media Production (3.0 cr)
COMM 3211 - Introduction to U.S. Electronic Media (3.0 cr)
COMM 4231 - Comparing Electronic Media Systems, IP (3.0 cr)
COMM 4235 - Electronic Media and Ethnic Minorities—A World View, IP (3.0 cr)
COMM 5210 - Contemporary Problems in U.S. Electronic Media (3.0 cr)
COMM 5233W - Electronic Media and National Development, WI (3.0 cr)
CSCL 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
CSCL 1921 - Introduction to Film Study, OH (4.0 cr)
CSCL 3115 - Cinema and Ideology, OH (4.0 cr)
CSCL 3176 - Oppositional Cinemas, IP, OH (4.0 cr)
CSCL 3177 - On Television (4.0 cr)
ENGL 3040 - Studies in Film (3.0 cr)
ENGW 5205 - Screenwriting (4.0 cr)
FRIT 3802 - Cinema and Realism (3.0 cr)
FRIT 3803 - New Wave Cinemas: Love, Alienation and Landscape in Post-War Italian and French Film (3.0 cr)
GER 1601 - Fleeting Hitler: German and Austrian Filmmakers Between Europe and Hollywood, IP, OH (3.0 cr)
GER 3604W - Introduction to German Cinema, OH, WI (3.0 cr)
HIST 3705 - From Printing Press to Internet: Media, Communications, and History (3.0 cr)
HSCI 4321 - History of Computing (3.0 cr)
ITAL 1837 - Imagining Italy: Italian and Italian-American Culture, History, and Society Through Film, IP, OH (4.0 cr)
JOUR 1001 - Introduction to Mass Communication, SSCL, C/PE (3.0 cr)
JOUR 3614 - History of Media Communication, HP (3.0 cr)
JOUR 3741 - People of Color and the Mass Media, CD (3.0 cr)
JOUR 3745 - Mass Media and Popular Culture, CD, SSCL (3.0 cr)
JOUR 3796 - Mass Media and Politics, C/PE (3.0 cr)
JOUR 5615 - History of the Documentary (3.0 cr)
POL 1015 - Mass Politics in a Media Age, C/PE (3.0 cr)
POL 3491 - Film and Latin American Politics (3.0 cr)
SCMC 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
SCMC 3001 - History of Cinema and Media Culture (4.0 cr)
SCMC 3177 - On Television (4.0 cr)
SCMC 5001 - Critical Debates in the Study of Cinema and Media Culture (4.0 cr)
SPAN 3800 - Film Studies in Spanish (3.0 cr)
WOST 3490W - Asian American Women’s Cultural Production, CD, WI (3.0 cr)
ARTH 3927 - Documentary Cinema (4.0 cr)
or ARTH 5927 - Documentary Cinema (4.0 cr)
GEOG 3374W - The City in Film, IP, OH, WI (4.0 cr)
or GEOG 5374W - The City in Film, IP, WI (4.0 cr)
JOUR 5615 - History of the Documentary (3.0 cr)

Senior Project

The senior project requirement may be satisfied by completing one course (3xxx, 4xxx, or 5xxx). Senior projects that involve production (short films, video installations, computer games, among others) are welcome, but emphasis in SCMC falls on research and critical analysis.

Studies in Cinema and Media Culture Minor

Cultural Studies and Comparative Literature

Requirements for this program are current for Fall 2006.

Required credits in this minor: 18.

Studies in cinema and media culture (SCMC) examines cinema by emphasizing its location within the intricate social, historical, and cultural matrix of audiovisual forms and practices.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Minor Courses

ARTH 1921W - Introduction to Film Study, IP, OH, WI (4.0 cr)
or CSCL 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)
or ARTH 1921W - Introduction to Film Study, OH (4.0 cr)
or SCMC 1201 - Introduction to Cinema and Media Culture, OH (4.0 cr)

Electives

Take 14 credits of 3xxx-5xxx courses from the approved list.

Theatre Arts B.A.

Theatre Arts and Dance

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 43.

Degree: Bachelor of Arts.

This degree program offers study of the art form in both theoretical historical context and the practice of live dramatic performance. Course offerings include theatre history and dramatic literature; acting, movement, and voice; directing; design and technology for scenery, costume, lighting, makeup, and sound; and stage and arts management.

Coursework also embraces theatre as a group art, an art in which individual excellence is often fully realized only in collaboration with other artists. The practical application of the art encourages students to test classroom experiences under the pressure of public performance in the laboratory of the University Theatre.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Students are required to take 4 semester(s) of any second language.

Required Courses

Major Courses

Complete at least 4 credits. At least 2 credits must be taken in some technical capacity.

No more than 2 credits may be taken in acting/performance.
TH 1101W - Introduction to the Theatre, IP, LIT, WI (4.0 cr)
TH 1321 - Beginning Acting: Fundamentals of Performance (3.0 cr)
TH 1322 - Creating the Performance (3.0 cr)
TH 3171 - History of the Theatre: Ancient Greece Through Neo-Classicism (3.0 cr)
TH 3172 - History of the Theatre: Age of Enlightenment to Present (3.0 cr)
TH 3513 - Design and Technical Production I (4.0 cr)
TH 3515 - Design and Technical Production II (4.0 cr)
TH 4177W - Survey of Dramatic Literature I; Strategic Interpretation, WI (3.0 cr)
or TH 4178W - Survey of Dramatic Literature II; Representation and its Effects, WI (3.0 cr)
Take no more than 3 credits in acting.
TH 3100 - Theatre Practicum (1.0 cr)

Electives
Complete 10 credits of electives at any level from either theatre arts or dance courses.
Complete a 3 credit or more content course.

Senior Seminar
TH 4901 - Senior Seminar (2.0 cr)

Theatre Arts Minor

Theatre Arts and Dance
Requirements for this program are current for Fall 2006.
Required credits in this minor: 24.
The minor offers study of the art form in both theoretical historical context and the practice of live dramatic performance. Course offerings include theatre history and dramatic literature; acting, movement, and voice; directing; design and technology for scenery, costume, lighting, makeup, and sound; and stage and arts management.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Minor Courses
TH 1101W - Introduction to the Theatre, IP, LIT, WI (4.0 cr)
TH 1321 - Beginning Acting: Fundamentals of Performance (3.0 cr)
TH 1322 - Creating the Performance (3.0 cr)
TH 3513 - Design and Technical Production I (4.0 cr)
TH 3515 - Design and Technical Production II (4.0 cr)

Take 2 or more course(s) from the following:
TH 3171 - History of the Theatre: Ancient Greece Through Neo-Classicism (3.0 cr)
TH 3172 - History of the Theatre: Age of Enlightenment to Present (3.0 cr)
TH 4177W - Survey of Dramatic Literature I; Strategic Interpretation, WI (3.0 cr)
TH 4178W - Survey of Dramatic Literature II; Representation and its Effects, WI (3.0 cr)

Urban Studies B.A.

Geography
Requirements for this program are current for Fall 2006.
Required credits to graduate with this degree: 120.
Required credits within the major: 36.
Degree: Bachelor of Arts.
This cross-disciplinary major involves urban studies coursework, fieldwork experiences, internships, and coursework in disciplines that offer useful perspectives on contemporary urban and postindustrial society.
The program focuses on the conceptual and analytical frameworks and specialized skills needed for professions focused on urban change or development. Students completing the program work in public agencies or private business or pursue graduate study in urban planning, law, social welfare, public affairs, or the social and environmental sciences.
Students are encouraged to incorporate field study into the major or minor. Options include urban studies programs sponsored by the Higher Education Consortium for Urban Affairs (HECUA) in South America, Norway, and Minneapolis-St. Paul.

Admission Requirements
For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements
Students are required to take 4 semester(s) of any second language.

Required Courses

Major Courses
Take two half semesters of either URBS 3201 or 3202.
URBS 1001W or 3001W - Introduction to Urban Studies: The Complexity of Metropolitan Life, C/PE, WI (3.0 cr)
Take two semesters of: the following:
URBS 3500 - Urban Studies Workshop (3.0 cr)

Skills and Methods Courses
Take 2 or more course(s) totaling 6 or more credit(s) from the following:
Take 0-1 course(s) from the following:
EPSY 3264 - Basic and Applied Statistics, MATH (3.0 cr)
EPSY 5261 - Introductory Statistical Methods (3.0 cr)
GEOG 3511 - Principles of Cartography (4.0 cr)
GEOG 3531 - Numerical Spatial Analysis (4.0 cr)
PA 5031 - Empirical Analysis I (4.0 cr)
PSY 4801 - Introduction to Statistics (4.0 cr)
SOC 3801W - Sociological Research Methods, WI (4.0 cr)
SOC 3811 - Basic Social Statistics, MATH (4.0 cr)
STAT 3011 - Introduction to Statistical Analysis, MATH (4.0 cr)
STAT 3021 - Introduction to Probability and Statistics (3.0 cr)
Take 1 - 2 course(s) from the following:
GEOG 3561 - Principles of Geographic Information Science (4.0 cr)
GEOG 5511 - Advanced Cartography (3.0 cr)
GEOG 5562 - Geographic Information Science and Analytical Cartography (3.0 cr)
GEOG 5563 - Advanced Geographic Information Science (3.0 cr)
STAT 3212 - Data Analysis (4.0 cr)
STAT 4101 - Theory of Statistics I (4.0 cr)
STAT 4102 - Theory of Statistics II (4.0 cr)
STAT 5021 - Statistical Analysis (4.0 cr)
STAT 5201 - Sampling Methodology in Finite Populations (3.0 cr)
STAT 5401 - Applied Multivariate Methods (3.0 cr)
Urban Form and Society Courses

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

- AFRO 4013 - Cities in Africa: African, Islamic, European Traditions, HP, IP (3.0 cr)
- ARCH 3412 - Architectural History since 1750, HP, IP (3.0 cr)
- DESI 4050 - Design Institute Seminar: Mapcity (3.0 cr)
- DHA 2463 - Housing and Community Development, C/PE (3.0 cr)
- GEOG 3371W - Cities, Citizens, and Communities, CD, SSCI, WI (4.0 cr)
- GEOG 3373 - Changing Form of the City, HP, IP (3.0 cr)
- GEOG 3605W - Geographical Perspectives on Planning, C/PE, IP, WI (4.0 cr)
- GEOG 3973 - Geography of the Twin Cities, C/PE, CD (3.0 cr)
- GEOG 5371W - American Cities I: Population and Housing, WI (4.0 cr)
- GEOG 5605W - Geographical Perspectives on Planning, C/PE, IP, WI (4.0 cr)
- HIST 3479 - History of Chinese Cities and Urban Life (3.0-4.0 cr)
- HIST 3703W - European Cities: 1300-1800, HP, IP, WI (3.0 cr)
- PA 5201W - American Cities I: Population and Housing, WI (4.0 cr)
- SCCL 5256W - Suburbia (3.0 cr)

Internship and Senior Paper

- URBS 3900 - Urban Studies Internship Seminar (2.0 cr)
- URBS 3955W - Senior Paper Seminar, WI (2.0 cr)

Urban Studies Concentrations

Students are required to complete one of the following course groups.

Social and Cultural Analysis of Urban Life

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

- AFRO 3072 - Racism: Social and Psychological Consequences for Black Americans, CD (3.0 cr)
- AFRO 4231 - The Color of Public Policy: African Americans, American Indians, and Chicanos in the United States (3.0 cr)
- AFRO 5910 - Topics in African American and African Studies (1.0-3.0 cr)
- AMIN 4231 - The Color of Public Policy: African Americans, American Indians, and Chicanos in the United States (3.0 cr)
- AMIN 4511 - American Indian Political Economy, CD (3.0 cr)
- CHIC 4231 - The Color of Public Policy: African Americans, American Indians, and Chicanos in the United States (3.0 cr)
- COMM 3451W - Intercultural Communication: Theory and Practice, IP, WI (3.0 cr)
- COMM 5451W - Intercultural Communication Processes, IP, WI (3.0 cr)
- DHA 567W - Housing and the Social Environment, WI (4.0 cr)
- GEOG 3374W - The City in Film, IP, WI (4.0 cr)
- GEOG 3375 - Minority Settlement in America, CD (3.0 cr)
- GEOG 5374W - The City in Film, IP, WI (4.0 cr)
- HIST 3442 - Chicana/o History: 1900 to Present, CD (3.0 cr)
- HIST 3821 - United States in the 20th Century to 1945, HP (3.0 cr)
- HIST 3822 - United States in the 20th Century Since 1945, HP (3.0 cr)
- HIST 3851 - Labor in the 19th-Century United States (3.0 cr)
- HIST 3852 - U.S. Labor in the 20th Century (3.0 cr)
- HIST 3865 - African American History, 1865 to Present, CD, HP (4.0 cr)
- HIST 3872 - American Indian History: 1830 to the Present, CD, HP (4.0 cr)
- PA 5401 - Poverty, Inequality, and Public Policy (3.0 cr)
- PA 5601 - Survey of Women, Law, and Public Policy in the United States (3.0 cr)
- POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (3.0 cr)
- PSI 3201 - Introduction to Social Psychology (4.0 cr)
- SOC 3451W - Cities and Social Change, SSCI, WI (3.0 cr)
- SOC 4108 - Current Issues in Crime Control (3.0 cr)
- SW 3101 - Interventions in Community and Social Policy, C/PE (3.0 cr)
- SW 5011 - Historical Origins and Contemporary Policies and Programs in Social Welfare (3.0-4.0 cr)
- URBS 3301W - American Cities As Settings for Cultural Diversity, CD, WI (3.0 cr)
- WOST 4502 - Women and Public Policy (3.0 cr)
- WOST 5404 - Working Class Women's Cultures (3.0 cr)

Urban Infrastructure and Environment

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

- APEC 3611 - Environmental and Natural Resource Economics, ENVT (3.0 cr)
- ARCH 3401W - Environmental Design and the Sociocultural Context, C/PE, WI (3.0 cr)
- ARCH 4671 - Historic Preservation (3.0 cr)
- ARCH 4701 - Introduction to Urban Form and Issues (3.0 cr)
- ARCH 5672 - Historic Building Conservation (3.0 cr)
- ARCH 5673 - Historic Building Research and Documentation (3.0 cr)
- ARCH 5711 - Design Principles of the Urban Landscape (3.0 cr)
- CE 3201 - Transportation Engineering (3.0 cr)
- CE 5211 - Traffic Engineering (3.0 cr)
- CE 5212 - Transportation Policy, Planning, and Deployment (3.0 cr)
- ECON 3611 - Environmental Economics, ENVT (3.0 cr)
- GEOG 5372W - American Cities II: Land Use, Transportation, and the Urban Economy, WI (4.0 cr)
- LA 3501 - Environmental Design and Its Biological and Physical Context, ENVT (3.0 cr)
- PA 5013 - Law and Urban Land Use (1.5 cr)
- PA 5202W - American Cities II: Land Use, Transportation, and the Urban Economy (4.0 cr)
- PA 5212 - Managing Urban Growth and Change (3.0 cr)
- PA 5231 - Transit Planning and Management (3.0 cr)
- PA 5421 - Racial Inequality and Public Policy (3.0 cr)
- PA 5521 - Strategies for Sustainable Development: Theory and Practice (2.0 cr)
- PA 5722 - Environmental and Resource Economics Policy (3.0 cr)
- URBS 3751 - Understanding the Urban Environment, ENVT (3.0 cr)
- URBS 3771 - Fundamentals of Transit (3.0 cr)
- URBS 3900 - Urban Studies Internship Seminar (2.0 cr)
- URBS 3955W - Senior Paper Seminar, WI (2.0 cr)
Urban Political Economy
Take 3 or more course(s) from the following:
APEC 5321 - Regional Economic Analysis (3.0 cr)
APEC 5341 - Public Finance (3.0 cr)
APEC 5611 - Economic Aspects of Environmental Management (3.0 cr)
DHA 5463 - Housing Policy (3.0 cr)
ECON 3501 - Labor Economics (3.0 cr)
ECON 4266 - Urban Economics, (4.0 cr)
ECON 4623 - Housing Markets and Public Policy (3.0 cr)
ECON 4821 - Public Economics (4.0 cr)
GEOG 3331 - Geography of the World Economy, IP, SSCI (3.0 cr)
GEOG 3361W - Land Use, Landscapes and the Law (3.0 cr)
GEOG 4001 - Modes of Geographic Inquiry (4.0 cr)
GEOG 5361 - Geography and Real Estate (4.0 cr)
HIST 3841 - American Business History (3.0 cr)
PA 4200 - Urban and Regional Planning (3.0 cr)
PA 5004 - Introduction to Planning (3.0 cr)
PA 5013 - Law and Urban Land Use (1.5 cr)
PA 5211 - Land Use Planning (3.0 cr)
PA 5221 - Private Sector Development (3.0 cr)
PA 5261 - Housing Policy (3.0 cr)
PA 5421 - Racial Inequality and Public Policy (3.0 cr)
PA 5511 - Community Economic Development (3.0 cr)
PA 5590 - Topics in Economic and Community Development (3.0 cr)
POL 3477 - Political Development, SSCI (3.0-4.0 cr)
POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (3.0 cr)
URBS 3771 - Fundamentals of Transit (3.0 cr)

Take two semesters of the following:
URBS 3500 - Urban Studies Workshop (3.0 cr)

Skills and Methods Courses
Take 4 or more course(s) totaling 12 or more credit(s) from the following:
Take 0 - 1 course(s) from the following:
EPSY 3264 - Basic and Applied Statistics, MATH (3.0 cr)
EPSY 5261 - Introductory Statistical Methods (3.0 cr)
GEOG 3511 - Principles of Cartography (4.0 cr)
GEOG 3531 - Numerical Spatial Analysis (4.0 cr)
PA 5031 - Empirical Analysis I (4.0 cr)
PSY 4801 - Introduction to Statistics (4.0 cr)
SOC 3801W - Sociological Research Methods, WI (4.0 cr)
SOC 3811 - Basic Social Statistics, MATH (4.0 cr)
STAT 3011 - Introduction to Statistical Analysis, MATH (4.0 cr)
STAT 3021 - Introduction to Probability and Statistics (3.0 cr)

Take 0 - 2 course(s) from the following:
GEOG 5511 - Advanced Cartography (3.0 cr)
GEOG 5561 - Principles of Geographic Information Science (4.0 cr)
GEOG 5562 - Geographic Information Science and Analytical Cartography (3.0 cr)
GEOG 5563 - Advanced Geographic Information Science (3.0 cr)
STAT 3212 - Data Analysis (4.0 cr)
STAT 4101 - Theory of Statistics I (4.0 cr)
STAT 4102 - Theory of Statistics II (4.0 cr)
STAT 5021 - Statistical Analysis (4.0 cr)
STAT 5201 - Sampling Methodology in Finite Populations (3.0 cr)
STAT 5401 - Applied Multivariate Methods (3.0 cr)
STAT 5421 - Analysis of Categorical Data (3.0 cr)

Take 0 - 2 course(s) from the following:
CE 3101 - Computer Applications in Civil Engineering I (3.0 cr)
DHA 5469 - Understanding Housing: Assessment and Analysis (3.0 cr)
GEOG 5588 - Multimedia Cartography (3.0 cr)
GEOG 5564 - Urban Geographic Information Science and Analysis (3.0 cr)
HIST 5011 - Quantitative Methods for Historical Research (4.0 cr)
POL 3085 - Quantitative Analysis in Political Science, MATH (4.0 cr)
PA 5022 - Economics For Policy Analysis and Planning II (1.5-3.0 cr)
PA 5271 - Geographic Information Systems: Applications in Planning and Policy Analysis (3.0 cr)

Take 0 - 2 course(s) from the following:
GEOG 4001 - Modes of Geographic Inquiry (4.0 cr)
GEOG 5563 - Advanced Geographic Information Science (3.0 cr)
GEOG 5701 - Field Research (3.0 cr)
GEOG 5565 - Geographical Analysis of Environmental Systems and Global Change (3.0 cr)
HIST 4959 - How to Do History (3.0 cr)
MKTG 3010 - Marketing Research (4.0 cr)
PA 4101 - Nonprofit Management and Governance (3.0 cr)
PA 5035 - Survey Research and Data Collection (1.5 cr)
PA 5111 - Financial Management in Public and Nonprofit Organizations (3.0 cr)
PA 5112 - Public Budgeting (3.0 cr)
PA 5221 - Private Sector Development (3.0 cr)
PA 5253 - Designing Planning and Participation Processes (3.0 cr)
PA 5511 - Community Economic Development (3.0 cr)
PA 5521 - Development Planning and Policy Analysis (4.0 cr)
WOST 5101 - Feminist Approaches to Ethnography (3.0 cr)

Urban Form and Society Coursework
Take 2 or more course(s) from the following:
AFRO 4013 - Cities in Africa: African, Islamic, European Traditions, HP, IP (3.0 cr)
ARCH 3412 - Architectural History since 1750, HP, IP (3.0 cr)
DESI 4050 - Design Institute Seminar: Mapcity (3.0 cr)
DHA 2463 - Housing and Community Development, C/PE (3.0 cr)
GEOG 3371W - Cities, Citizens, and Communities, CD, SSCI, WI (4.0 cr)
GEOG 3373 - Changing Form of the City, HP, IP (3.0 cr)
GEOG 3605W - Geographical Perspectives on Planning, C/PE, IP, WI (4.0 cr)
GEOG 3973 - Geography of the Twin Cities, C/PE, CD (3.0 cr)
Urban Studies Concentrations

Students are required to complete one of the following course groups.

Social and Cultural Analysis of Urban Life

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

AFRO 3072 - Racism: Social and Psychological Consequences for Black Americans, CD (3.0 cr)
AFRO 4231 - The Color of Public Policy: African Americans, American Indians, and Chicanos in the United States (3.0 cr)
AFRO 5910 - Topics in African American and African Studies (1.0-3.0 cr)
AMIN 4511 - American Indian Political Economy, CD (3.0 cr)
CHIC 4231 - The Color of Public Policy: African Americans, American Indians, and Chicanos in the United States (3.0 cr)
COMM 3451W - Intercultural Communication: Theory and Practice, IP, WI (3.0 cr)
COMM 5451W - Intercultural Communication Processes, IP, WI (3.0 cr)
DHA 5467W - Housing and the Social Environment, WI (4.0 cr)
GEOG 3375W - Minority Settlement in America, CD (3.0 cr)
GEOG 5374W - The City in Film, IP, OH, WI (4.0 cr)
HIST 3442 - Chicana/o History: 1900 to Present, CD (3.0 cr)
HIST 3821 - United States in the 20th Century to 1945, HP (3.0 cr)
HIST 3822 - United States in the 20th Century Since 1945, HP (3.0 cr)
HIST 3851 - Labor in the 19th-Century United States (3.0 cr)
HIST 3852 - U.S. Labor in the 20th Century (3.0 cr)
HIST 3865 - African American History, 1865 to Present, CD, HP (4.0 cr)
HIST 3872 - American Indian History: 1830 to the Present, CD, HP (4.0 cr)
PA 5013 - Law and Urban Land Use (1.5 cr)
PA 5221 - Transit Planning and Management (3.0 cr)
PA 5231 - Transit Planning and Management (3.0 cr)
PA 5421 - Racial Inequality and Public Policy (3.0 cr)
PA 5511 - Community Economic Development (3.0 cr)
PA 5531 - Strategies for Sustainable Development: Theory and Practice (2.0 cr)
PA 5722 - Environmental and Resource Economics Policy (3.0 cr)
URBS 3751 - Understanding the Urban Environment, ENVT (3.0 cr)
URBS 3771 - Fundamentals of Transit (3.0 cr)

Urban Political Economy

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

APEC 3611 - Environmental and Natural Resource Economics, ENVT (3.0 cr)
APEC 5321 - Regional Economic Analysis (3.0 cr)
APEC 5541 - Public Finance (3.0 cr)
APEC 5611 - Economic Aspects of Environmental Management (3.0 cr)
DHA 5463 - Housing Policy (3.0 cr)
ECON 3611 - Environmental Economics, ENVT (3.0 cr)
ECON 4266 - Urban Economics, (4.0 cr)
ECON 4623 - Housing Markets and Public Policy (3.0 cr)
ECON 4821 - Urban and Regional Planning (3.0 cr)
GEOG 3361W - Land Use and the Law, WI (3.0 cr)
GEOG 5361 - Geography and Real Estate (4.0 cr)
HIST 3841 - American Business History (3.0 cr)
PA 4200 - Urban and Regional Planning (3.0 cr)
PA 5004 - Introduction to Planning (3.0 cr)
PA 5013 - Law and Urban Land Use (1.5 cr)
PA 5211 - Land Use Planning (3.0 cr)
PA 5221 - Private Sector Development (3.0 cr)
PA 5421 - Racial Inequality and Public Policy (3.0 cr)
PA 5511 - Community Economic Development (3.0 cr)
PA 5590 - Topics in Economic Development (3.0 cr)
POL 3477 - Political Development, SSCI (3.0-4.0 cr)
POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (4.0 cr)
POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (3.0 cr)
PA 5261 - Housing Policy (3.0 cr)
URBS 3771 - Fundamentals of Transit (3.0 cr)

Urban Infrastructure and Environment

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

APEC 3611 - Environmental and Natural Resource Economics, ENVT (3.0 cr)
ARCH 3401W - Environmental Design and the Sociocultural Context, C/PE, WI (3.0 cr)
ARCH 4671 - Historic Preservation (3.0 cr)
ARCH 4701 - Introduction to Urban Form and Issues (3.0 cr)
ARCH 5672 - Historic Building Conservation (3.0 cr)
ARCH 5673 - Historic Building Research and Documentation (3.0 cr)
ARCH 5711 - Design Principles of the Urban Landscape (3.0 cr)
CE 3201 - Transportation Engineering (3.0 cr)
CE 5211 - Traffic Engineering (3.0 cr)
CE 5212 - Transportation Policy, Planning, and Deployment (3.0 cr)
ECON 3611 - Environmental Economics, ENVT (3.0 cr)
GEOG 5372W - American Cities II: Land Use, Transportation, and the Urban Economy, WI (4.0 cr)
LA 3501 - Environmental Design and Its Biological and Physical Context, ENVT (3.0 cr)
PA 5013 - Law and Urban Land Use (1.5 cr)
PA 5202W - American Cities II: Land Use, Transportation, and the Urban Economy (4.0 cr)
PA 5212 - Managing Urban Growth and Change (3.0 cr)
PA 5231 - Transit Planning and Management (3.0 cr)
PA 5531 - Strategies for Sustainable Development: Theory and Practice (2.0 cr)
PA 5722 - Environmental and Resource Economics Policy (3.0 cr)
URBS 3751 - Understanding the Urban Environment, ENVT (3.0 cr)
ECON 3611 - Environmental Economics, ENVT (3.0 cr)
ECON 4266 - Urban Economics, (4.0 cr)
ECON 4623 - Housing Markets and Public Policy (3.0 cr)
ECON 4821 - Urban and Regional Planning (3.0 cr)
GEOG 3361W - Land Use and the Law, WI (3.0 cr)
GEOG 5361 - Geography and Real Estate (4.0 cr)
HIST 3841 - American Business History (3.0 cr)
PA 4200 - Urban and Regional Planning (3.0 cr)
PA 5004 - Introduction to Planning (3.0 cr)
PA 5013 - Law and Urban Land Use (1.5 cr)
PA 5211 - Land Use Planning (3.0 cr)
PA 5221 - Private Sector Development (3.0 cr)
PA 5421 - Racial Inequality and Public Policy (3.0 cr)
PA 5511 - Community Economic Development (3.0 cr)
PA 5590 - Topics in Economic Development (3.0 cr)
POL 3477 - Political Development, SSCI (3.0-4.0 cr)
POL 3739 - Politics of Race, Class, and Ethnicity, CD, IP (3.0 cr)
P A 5261 - Housing Policy (3.0 cr)
URBS 3771 - Fundamentals of Transit (3.0 cr)

Urban Studies Minor

Requirements for this program are current for Fall 2006.
Required credits in this minor: 14.
The program focuses on the conceptual and analytical frameworks and specialized skills needed for professions focused on urban change or development.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.
**Program Requirements**

**Required Courses**

**Minor Courses**

Two sessions of URBS 3201 or 3202. Electives from the following tracks: urban form and society, cultural analysis, political economy, and infrastructure and environment.

- URBS 1001W - Introduction to Urban Studies: The Complexity of Metropolitan Life, C/PE, WI (3.0 cr)
- URBS 3500 - Urban Studies Workshop (3.0 cr)
- Two courses (6 credits) from one of the four URBS tracks.

- URBS 3201 - Urban Studies Colloquium (1.0 cr)
- or URBS 3202 - Urban Studies Colloquium (1.0 cr)

**Women's Studies**

*(Gender, Women, and Sexuality Studies B.A. effective fall 2006)*

Requirements for this program are current for Fall 2006.

Required credits to graduate with this degree: 120.

Required credits within the major: 36.

Degree: Bachelor of Arts.

Gender, Women, and Sexuality Studies offers an interdisciplinary curriculum that looks at issues of gender and sexuality in the United States and around the world, taking into account the intersections and interrelations of generation, economic status, race, geographic location, and other social and historical variables. Gender, Women, and Sexuality Studies also seeks to transform traditional fields of study by incorporating new data, methods, theories, and frameworks developed by feminist scholars.

In addition to the faculty in women’s studies, several departments and centers lend their interdisciplinary teaching and advisory expertise to women’s studies students. Among these are the Departments of African American and African Studies; American Studies; American Indian Studies; Anthropology; Chicano Studies; Communication Studies; Comparative Studies in Discourse and Society; English; French and Italian; German; Scandinavian, and Dutch; History; Philosophy; Sociology; and Spanish and Portuguese. Affiliated programs include the School of Nursing; the Hubert H. Humphrey Institute of Public Affairs’ Center on Women and Public Policy; the Institute for Global Studies; the MacArthur Interdisciplinary Program on Global Change, Sustainability, and Justice; Minnesota Institute for Sustainable Agriculture; and the Tucker Center for Research on Girls and Women in Sport.

**Admission Requirements**

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at [http://admissions.tc.umn.edu](http://admissions.tc.umn.edu).

**Program Requirements**

Students are required to take 4 semester(s) of any second language.

Students must complete 27-30 credits of required courses plus upper level electives as needed to reach 36 credits.

**Required Courses**

**Major Courses**

Courses in this list may not be used to fulfill the cultural pluralism, international studies, and advanced theory requirements.

*Take four courses from the following list.*

- WOST 1001 - Introduction to Women’s Studies, CD, SSCI (3.0-4.0 cr)
- WOST 1002 - Politics of Sex, CD, SSCI (3.0-4.0 cr)
- WOST 3102W - Feminist Thought and Theory, C/PE, OH, WI (3.0-4.0 cr)
- WOST 4402 - Rebels, Radicals, and Revolutionaries: History of Western Feminisms (3.0 cr)
- WOST 1003W - Women Write the World, IP, LIT, WI (3.0-4.0 cr)
- WOST 3002 - Gender, Race, and Class: Women’s Lives in the United States, C/PE, CD (3.0-4.0 cr)
- WOST 3003 - Gender and Global Politics, IP, SSCI (3.0-4.0 cr)
- WOST 3004W - Point/Counterpoint: Contemporary Feminist Debates, C/PE, OH, WI (3.0-4.0 cr)

**Cultural Pluralism, International Studies, and Advanced Theory**

Take one course from each category. Consult an adviser to use a course from one category to fulfill the requirement for another category. Courses cannot fulfill requirements for more than one category.

**Cultural Pluralism**

- WOST 3203W - Skin, Sex, and Genes, CD, OH, WI (3.0 cr)

- or WOST 3303W - Writing Differences: Literature by U.S. Women of Color, CD, LIT, WI (3.0 cr)

- or WOST 3403W - Jewish Women in the United States, CD, HP, WI (3.0 cr)

- or WOST 3409W - Asian American Women’s Cultural Production, CD, WI (3.0 cr)

- or WOST 3410 - La Chicana, CD (3.0 cr)

- or WOST 3411 - Las Mujeres, CD (3.0 cr)

- or WOST 3412 - American Indian Women: Ethnographic and Ethnohistorical Perspectives, CD, SSCI (3.0 cr)

- or WOST 4302H - Honors: Women’s Personal Narratives, H (3.0 cr)

- or WOST 4401 - Chicana/Latina Cultural Studies, CD (3.0 cr)

- or WOST 5403 - Chicana/Latina Feminisms (3.0 cr)

- or WOST 5405 - Chicanas: Women and Work (3.0 cr)

**International Studies**

- WOST 3003 - Gender and Global Politics, IP, SSCI (3.0-4.0 cr)

- or WOST 3404 - International Lesbian and Queer Studies (3.0 cr)

- or WOST 3405 - Latin American Women’s Lives, IP (3.0 cr)

**Advanced Theory**

- WOST 4103H - Honors: International Feminist Theories, H (3.0 cr)

- or WOST 4302H - Honors: Women’s Personal Narratives, H (3.0 cr)

- or WOST 4401 - Chicana/Latina Cultural Studies, CD (3.0 cr)

- or WOST 4403 - Queering Theory (3.0 cr)

- or WOST 5101 - Feminist Approaches to Ethnicity (3.0 cr)

- or WOST 5102 - Feminist Approaches to History (3.0 cr)

- or WOST 5103 - Feminist Pedagogies (3.0 cr)

- or WOST 5201 - Global Processes and the Politics of Sexuality (3.0 cr)

- or WOST 5300 - Communication and Gender (3.0 cr)

- or WOST 5403 - Chicana/Latina Feminisms (3.0 cr)

**Senior Project**

The senior project must be completed in one of two 4xxx-5xxx courses. If the project is not done in one of the courses designed to produce the senior project (e.g. WOST 4108), it may be completed in any 4xxx-5xxx WOST course, by contract and with instructor approval.
Women’s Studies Minor

Women’s Studies

Requirements for this program are current for Fall 2006.

Required credits in this minor: 18.

The minor offers an interdisciplinary curriculum that looks at issues of women and gender in the United States and around the world, taking into account significant social and historical variables. Women’s studies seeks to transform traditional fields of study by incorporating new data, methods, theories, and frameworks developed by feminist scholars.

Admission Requirements

For information about University of Minnesota admission requirements, visit the Office of Admissions Web site at http://admissions.tc.umn.edu.

Program Requirements

Required Courses

Minor Courses

Not more than one of the elective 3xxx-5xxx courses may be used from WOST 3002, 3003, and 3004.

WOST 1001 - Introduction to Women’s Studies, CD, SSCI (3.0-4.0 cr)
or WOST 1002 - Politics of Sex, CD, SSCI (3.0-4.0 cr)

Take 15 or more credit(s) from the following:

WOST 3xxx
WOST 4xxx
WOST 5xxx