

# Academic Information

<b>Program Planning</b>	<b>42</b>
Credits	42
Academic Progress Audit System (APAS)	42
Graduation Planner	42
<b>Center for Advising and Learning</b>	<b>42</b>
Advising	42
Academic Assistance Center	43
Disability Services	43
<b>The Academic Center for Enrichment</b>	<b>43</b>
Undergraduate Research Opportunities Program (UROP)	43
Morris Academic Partners (MAP)	44
Undergraduate Research Symposium	44
Study Abroad	44
National Student Exchange	44
National Scholarships	44
Honors Program	44
Morris Student Administrative Fellows (MSAF)	45
<b>Multi-Ethnic Mentorship Program</b>	<b>45</b>
<b>Service Learning</b>	<b>45</b>
<b>Directed Study and Internships</b>	<b>45</b>
<b>May Session</b>	<b>45</b>
<b>Majors Offered</b>	<b>46</b>
Individualized Majors (“Areas of Concentration”)	46
Teacher Education	46
<b>Preparation for Professional Degrees in Other Colleges</b>	<b>47</b>
Dentistry	47
Engineering	47
Law	48
Medicine	48
Nursing	48
Pharmacy	49
Physical Therapy	49
Veterinary Medicine	49
<b>Honors and Awards</b>	<b>50</b>
University Honors	50
Campuswide Awards	50
Discipline-Based Honors	51

# Academic Information

UMM is committed to providing as many learning opportunities for students as possible. The faculty are dedicated not only to teaching, but also to research, writing, creative work, and involvement in state, regional, national, and international professional organizations. Many encourage student collaboration on research projects, and UMM students may have opportunities to coauthor scholarly articles or papers with faculty.

UMM offers 33 majors as well as areas of concentration (self-designed majors), interdisciplinary, and preprofessional programs. Programs and courses in education, the humanities and fine arts, the social sciences, and science and mathematics provide an excellent background for any major. Students can complement their coursework through the Honors Program, study abroad, internships, field trips, and directed studies. In addition, many lectures, concerts, films, and special programs are offered on campus to enhance the educational experience. Helping students make the most of their education is UMM's primary goal. UMM's programs challenge students to think critically, make decisions wisely, develop their creativity, and increase their awareness of the world around them.

## Program Planning

Students are responsible for planning programs that will satisfy their own educational and professional goals. Academic advisers, faculty, Career Center, Student Counseling, and Academic Advising staff are available to assist with program planning, and students should seek this assistance to assure well-organized and balanced programs of study as well as to avoid planning errors. In preparing their programs, students should use both this version of this catalog in conjunction with the online planning materials available on the [Academic Advising Web site](#) and in the *UMM Class Schedule*.

This catalog was published in March 2009. Links to the most current information about major requirements and courses can be found in the online catalog at [www.catalogs.umn.edu/morris](http://www.catalogs.umn.edu/morris).

## Credits

Each credit represents an average of three hours a week of a student's time and effort, with one hour in class, two hours of preparation, or three hours of laboratory work, for example.

A student with fewer than 30 completed credits is classified as a freshman; 30 to 59 completed credits, a sophomore; 60 to 89 completed credits, a junior; 90 completed credits or more, a senior.

At least 120 credits are required for graduation. Students must complete at least 15 credits per semester on average to graduate within four years. The University expects most undergraduate students to complete their degree within four years.

The maximum number of credits per semester for which a student will be allowed to enroll without approval is 20. Scholastic Committee approval is required for a student to enroll for 21 or more credits in a semester.

## Academic Progress Audit System (APAS)

APAS, which stands for Academic Progress Audit System, is a computerized report that provides helpful information about degree and course requirements. It helps determine how each student's courses satisfy those requirements, shows progress toward their completion, and serves as a graduation check.

APAS reports are available online at [www.morris.umn.edu/services/registrar/apas.php](http://www.morris.umn.edu/services/registrar/apas.php).

## Graduation Planner

Graduation Planner is an online academic planning tool that allows students to explore degree requirements, plan courses, and create customized plans that help them stay on track for graduation. It is useful for students who have declared majors and for those who would like detailed information for major exploration. Advisers are able to view student plans and provide feedback. The goal of Graduation Planner is to simplify the degree planning process and stimulate meaningful interaction with advisers.

The Graduation Planner works together with APAS to help students plan for graduation in a timely manner and to explore a variety of majors, minors, and/or licensure programs.

Advisers may view Graduation Plans and APAS reports for their advisees using "My Active Advisees."

## Center for Advising and Learning

Housed in Briggs Library (Room 328; 320-589-6178), the Center for Advising and Learning (CAL) is the place for students to seek assistance for adviser changes and academic planning information, academic assistance and tutoring, and support for students, faculty, and staff with physical, mental, or cognitive disabilities. The specific offices housed within the CAL—Advising, Academic Assistance, and Disability Services—are described in more detail below.

## Advising

Academic advising by faculty is considered an integral part of UMM's central mission. Connections between students and faculty outside the classroom contribute to a successful educational experience.

### Faculty Advisers

Academic Advising, 328 Briggs Library, is responsible for coordinating the advising program. Adviser assignments are based on students' particular needs and academic interests. Faculty advisers help with academic planning, encouraging students to pursue their interests within the liberal arts. First- and second-year students are required to discuss their course selections with their advisers each semester. Students must prepare an academic plan: freshmen for their sophomore year and sophomores for their final two years. Advisers can help students enhance their college experience by clarifying academic goals, talking through ways to meet requirements,

and considering the effects of their choices on preparing for a career or graduate school. Students also work with advisers to plan academic enhancement opportunities such as study abroad, internships, and research projects. Visit the Academic Advising Web page at [www.morris.umn.edu/academic/advising](http://www.morris.umn.edu/academic/advising).

### Changing Advisers

Advisers have expertise in the general education program as well as in the discipline of the major and can provide important information about career preparation or further study. Students are encouraged to change advisers as their interests change. Contact Academic Advising any time to arrange to have a different adviser assigned.

### Undecided Majors

It is not uncommon for students to begin college undecided about their major or to change majors after they begin. Assistance to students who are deciding on a major is available through individual appointments, Academic Advising's online program, Career Center resources, and interest inventories available through Student Counseling. Students are encouraged to work with their advisers to consider options and how they relate to careers.

### Career Planning

Professional counselors help students consider their options for majors and how they relate to careers through workshops, individual counseling, and the use of interest and vocational inventories. Student Counseling, 235 Behmler Hall, is also the Test Center for graduate school admission examinations, CLEP exams for college credit, and mathematics and foreign language placement exams. Students should also consult with the Career Center staff as they progress toward graduation.

## Academic Assistance Center

The services provided by UMM's Academic Assistance Center (AAC) help students achieve their academic goals, whatever they might be. AAC programs are available free of charge to all students at UMM.

The AAC cooperates with various disciplines to provide peer tutors for most courses offered at UMM. The AAC also offers drop-in hours for tutoring in mathematics, runs evening Study Tables to help with study skills, and staffs the Mastering Skills for College Success course, which teaches academic strategies. Students can receive counseling on specific topics, such as time management and reading efficiency. Students who are not native English speakers also can receive assistance and support at the AAC.

The AAC is located in 360 Briggs Library. Call 320-589-6178 or visit the AAC Web site at [www.morris.umn.edu/services/dsoaac/aac](http://www.morris.umn.edu/services/dsoaac/aac).

## Disability Services

Students with disabilities receive personal attention and are accommodated on an individualized basis to best serve their academic needs. UMM's Disability Services office is located in 362 Briggs Library. Along with the Academic Assistance Center, Disability Services provides support for students

with physical, mental, and/or cognitive disabilities. Disability Services staff work with students to ensure that they receive appropriate accommodations and learn self-advocacy skills.

Students with disabilities are accommodated through a variety of means such as alternate print formats, alternate testing, note-takers, building orientation, classroom relocation, priority registration, sign language interpreters, and lectures and books in audio format. A strong peer-tutoring program, under the direction of the Academic Assistance Center, offers additional academic support. Disability Services also maintains a computer workstation that is equipped with software such as JAWS, Kurzweil, Naturally Speaking, and ZoomText.

Students with disabilities are responsible for providing documentation and requesting accommodation far enough in advance for accommodations to be made. Persons with disabilities seeking assistance or information should contact Disability Services in 362 Briggs Library, 320-589-6178, or [freycc@morris.umn.edu](mailto:freycc@morris.umn.edu). Visit the Disability Services Web page for more information at [www.morris.umn.edu/services/dsoaac/dso](http://www.morris.umn.edu/services/dsoaac/dso).

## The Academic Center for Enrichment

The Academic Center for Enrichment (ACE) offers guidance and information for students interested in expanding their academic and intellectual experiences beyond the traditional classroom. The ACE office coordinates the following enrichment programs: study abroad, honors, national scholarships, National Student Exchange, and all of UMM's undergraduate research opportunities. All UMM students are eligible to participate in these academic enrichment activities and the ACE office works to increase student awareness of these opportunities. Students who are Morris Scholars work with the ACE staff to explore opportunities that are supported by their stipends. The ACE office is staffed by faculty advisers who are available to answer student questions and help students identify which enrichment programs fit their interests. The ACE office is located in Room 5 of the Student Center. Call 320-589-7014 or visit the ACE Web site at [www.morris.umn.edu/ACE](http://www.morris.umn.edu/ACE).

## Undergraduate Research Opportunities Program (UROP)

The Undergraduate Research Opportunities Program (UROP) is a competitive, merit-based program throughout the University of Minnesota that offers financial awards to undergraduates for research, scholarly, or creative projects undertaken in partnership with a faculty member. Students may apply for awards twice a year. UROP awards include stipends (up to \$1,400) and expense allowances (up to \$300). All full-time undergraduates at UMM are eligible to apply. All UMM faculty may serve as UROP sponsors. Further information about UROP awards may be obtained from the ACE office, 5 Student Center, or by consulting the ACE Web site at [www.morris.umn.edu/ACE](http://www.morris.umn.edu/ACE).

## Morris Academic Partners (MAP)

UMM has established a program for advanced students called Morris Academic Partners (MAP). Receiving a stipend of \$2,000 for the year, Morris Academic Partners undertake assignments that enhance their intellectual competence and increase their interest in graduate or professional study. Projects involve assisting faculty and professional staff in their research and/or teaching and are more complex than typical work-study assignments. Students entering their third year of study are nominated by faculty for a Morris Academic Partnership and are named by the appropriate division chairperson with the concurrence of the dean. Further information about the MAP program may be obtained from the Office of the Vice Chancellor for Academic Affairs and Dean, 315 Behmler Hall; online at [www.morris.umn.edu/services/acad\\_affairs/mapguide.html](http://www.morris.umn.edu/services/acad_affairs/mapguide.html); or in the ACE office in 5 Student Center.

## Undergraduate Research Symposium

The UMM Undergraduate Research Symposium (URS) is a one-day, all-campus conference held each spring during which students from across the campus are invited to present their research for their peers and the wider community. All UMM students are eligible to participate and acceptance into the symposium is competitive. For more information on the URS, please visit the ACE office in 5 Student Center or the ACE Web site at [www.morris.umn.edu/ACE](http://www.morris.umn.edu/ACE).

## Study Abroad

UMM is committed to preparing students to become global citizens and to deepening their understanding of world issues. Because firsthand knowledge of other societies and cultures builds international awareness, UMM encourages students to study abroad as part of their academic program.

The Center for International Programs (CIP), which is part of the ACE office, provides overseas study, work, and travel information for students. In addition to consulting with ACE advisers and reviewing guides on foreign study and travel, students are encouraged to meet with the study abroad faculty adviser in their major to discuss study abroad options relevant to specific disciplines.

As a part of the University system, UMM students have access to an especially broad range of programs all over the world. These programs are offered by UMM, other campuses of the University, and other colleges and universities nationwide. Most UMM federal and state financial aid is available for study abroad and scholarships are offered by the University and nationally specifically targeted for study abroad.

CIP is located in the ACE office in 5 Student Center. More information on study abroad is available on the ACE Web site at [www.morris.umn.edu/ACE](http://www.morris.umn.edu/ACE).

## National Student Exchange

UMM is a member of the National Student Exchange (NSE). NSE is an undergraduate exchange program within the United States and Canada. With more than 175 colleges and universities participating in NSE, students have a wide variety of courses, programs, facilities, and environments to meet

diverse academic and personal needs and interests. Students may participate in an exchange with another NSE college or university for a semester or a year.

For information about NSE participating institutions, application materials, costs, and eligibility, contact the ACE office, 5 Student Center, consult the ACE Web site at [www.morris.umn.edu/ACE](http://www.morris.umn.edu/ACE), or e-mail the NSE campus coordinator at [NSE@morris.umn.edu](mailto:NSE@morris.umn.edu).

## National Scholarships

UMM encourages eligible students to apply for prestigious national scholarships, including the Rhodes, Fulbright, Truman, Marshall, Mellon, National Security Educational Program (NSEP), Gates-Cambridge, Jack Kent Cook, Udall, and others. These academic scholarships cover a wide range of fields and assist in the pursuit of graduate and/or professional study as well as career development. They also typically carry a generous stipend or financial award. Public information sessions are periodically held on campus for students to learn more about these scholarships, including eligibility requirements and application procedures. A team of faculty and staff advisers mentors students in the complex and highly competitive application process.

For information on national scholarships, contact the ACE office, 5 Student Center, or consult the ACE Web site at [www.morris.umn.edu/ACE](http://www.morris.umn.edu/ACE).

## Honors Program

The Honors Program is an opportunity for UMM students to pursue an interdisciplinary and interdivisional curriculum and work toward graduation with honors. All UMM students are eligible to participate in the Honors Program. Students normally apply to the program in the spring semester of their freshman year and begin coursework in their sophomore year. While everyone may apply, academic success in the fall semester, faculty recommendations, and a short essay may be used to limit the number of students to those with the proven motivation and likely ability to succeed in the program. Applications are available at the Academic Center for Enrichment, 5 Student Center. Students wishing to register for an honors course must be enrolled in the Honors Program. If spaces remain in an honors course at the end of registration, non-honors students may enroll with the permission of the instructor.

To graduate with honors, participants must 1) complete IS 2001H—Honors: Traditions in Human Thought, usually in the fall of their sophomore year; 2) complete at least four other honors courses at UMM; 3) successfully complete a multidisciplinary senior honors project; and 4) earn a UMM GPA of 3.50 or higher.

Honors courses are limited to a class size of 20. The elective courses examine a particular topic from an interdisciplinary perspective. The courses are often team-taught by faculty from different UMM academic divisions and concern subjects of special interest to the faculty who design them.

The senior honors project is a substantial scholarly or creative work that shows students' intellectual engagement and their ability to articulate and defend their choices regarding methodology and subject matter to a panel of three faculty

from different disciplines, including the project's adviser. It is the responsibility of the student to secure a project adviser, identify two other faculty panelists in consultation with the project adviser, and register for at least two credits of IS 4994—Senior Honors Project. Students should submit the completed project to the Honors Program director and panel members by April 1 and arrange for the defense.

## Morris Student Administrative Fellows

The Morris Student Administrative Fellows program is designed to enable academically talented, qualified students to assist administrative or faculty offices with administrative and managerial projects. Students undertake assignments intended to enhance their intellectual competence and increase their interest in graduate or professional study. The program pays a stipend directly to the student's financial aid account. Further information about the Morris Student Administrative Fellows program may be obtained from the Office of the Vice Chancellor for Academic Affairs and Dean, 315 Behmler Hall; or online at [www.morris.umn.edu/services/acad\\_affairs/MSAFP\\_Guidelines.html](http://www.morris.umn.edu/services/acad_affairs/MSAFP_Guidelines.html).

## Multi-Ethnic Mentorship Program

The Multi-Ethnic Mentorship Program was developed to increase the retention and graduation rates of students of color at UMM. Students with second-year standing (30 to 60 semester credits) are matched with faculty/staff who have similar academic and career interests. Participants enjoy a yearlong working relationship with their mentors and have an educationally meaningful experience. A yearly stipend of \$1,000 (paid in two installments at the end of each semester) is awarded to selected students for work supervised by their mentors. Further information about the Multi-Ethnic Mentorship Program may be obtained from the Multi-Ethnic Student Program Office, 110 Multi-Ethnic Resource Center.

## Service Learning

Service learning is a teaching method that utilizes community service, community-based research, and other civic engagement activities to meet course goals and community needs. The service-learning program seeks to develop the following skills for students: the ability to connect course material to real world challenges; enhanced leadership ability; ability to work in and among diverse groups of people and to understand and appreciate diversity; improved critical thinking; and enhanced commitment to community engagement and social change. Each year, about 25 service-learning courses and additional directed studies in service learning are offered in multiple disciplines. The program focuses on five core needs areas identified by community members, students, faculty, and staff: arts and culture, elder partnerships, social responsibility, sustainable living, and youth partnerships. For more information, visit [www.morris.umn.edu/academic/sl](http://www.morris.umn.edu/academic/sl).

## Directed Study and Internships

The term "directed study" refers to those on- or off-campus learning experiences individually arranged between a student and a faculty member for academic credit in areas not covered in the regular curriculum. Directed study courses (with 1993, 2993, 3993, or 4993 course numbers) should be arranged before the term begins, but may be added to the registration later up to and including the last day of classes. Note, however, that the financial aid deadline for awarding aid based upon enrolled credits applies to all courses including directed studies and internships and is the 10th class day of the term. An "internship" is a supervised opportunity to apply academic learning at a field site. It is arranged between a student, an on-site supervisor, and a University faculty member. For more information about finding an internship, contact the Career Center at 320-589-6065. Directed study and internship offerings include the following courses:

**Discipline Directed Study**—1993, 2993, 3993, 4993 (1–5 cr per semester)

**Interdisciplinary Directed Study**—IS 1993, 2993, 3993, 4993 (1–5 cr per semester)

**Helping Profession Internship**—IS 3796 (1–16 cr per semester)

**Interdisciplinary Internship**—IS 3996 (1–16 cr per semester)

**Prior Learning Directed Study**—IS 3893 (1–4 cr per semester)

**Prior Learning Internship**—IS 3896 (1–16 cr per semester)

A special *Directed Study Approval* form or *Internship Approval* form and *Learning Contract* are required for registration. These forms, available at the division offices or online, essentially establish a contract between the student and the supervising faculty member. The contract includes a statement of the objectives of the project, the methods to be employed, and the procedures for evaluating the project.

In addition to faculty evaluation, student evaluation of the project is mandatory. When the work of the project is completed, the faculty member will provide the student with an evaluation questionnaire, which is part of the approval form. The student completes the questionnaire and delivers it to the Office of the Vice Chancellor for Academic Affairs and Dean. The faculty member will not submit a grade until the student's evaluation of the project has been completed.

## May Session

May session is a three-week term—scheduled after spring semester ends—that is part of the larger summer term at UMM. It is designed to offer unique courses especially suited to a short, intense time frame. Courses include, but are not limited to, short-term domestic and international study programs; topics that are innovative, experimental, interdisciplinary, and examined in greater depth; or special internships. Course offerings and enrollment requirements are determined by the UMM Summer Session Office.

## Majors Offered

The University of Minnesota, Morris offers the following majors:

American Indian Studies  
Anthropology  
Art History  
Biology  
Chemistry  
Communication, Media, and Rhetoric  
Computer Science  
Economics  
Elementary Education  
English  
Environmental Science  
Environmental Studies  
European Studies  
French  
Gender, Women, and Sexuality Studies  
Geology  
German  
History  
Latin American Area Studies  
Liberal Arts for the Human Services  
Management  
Mathematics  
Music  
Philosophy  
Physics  
Political Science  
Psychology  
Social Science  
Sociology  
Spanish  
Statistics  
Studio Art  
Theatre Arts

Specific requirements for UMM majors are listed in the Academic Division Structure and Program and Course Descriptions sections of this catalog. Completion of a given major, however, usually involves fulfillment of more than the minimum requirements. Once a student has selected a major, she or he should seek the counsel of a faculty member in the discipline to plan a well-organized and balanced program.

Often students enter college undecided about their major. General education requirements, many of which are completed during the first two years, introduce students to disciplines from which they choose a major.

## Individualized Majors ("Areas of Concentration")

Students may choose to complete an area of concentration. This is an individualized, often interdisciplinary, group of courses that meets the requirements for a major. Examples of these individualized majors include: actuarial science, American studies, animal behavior, art therapy, arts administration, biochemistry with forensics science, biology with forensics science, biostatistics, chemistry with forensics science, criminal justice (see the LAHS major description later in catalog), digital media studies, international studies, journalism, peace studies, and sports management. Students must fill out the appropriate forms and request final approval. Area of concentration forms are available online at [www.morris.umn.edu/services/acad\\_affairs/aavarious.html#areaconcentration](http://www.morris.umn.edu/services/acad_affairs/aavarious.html#areaconcentration).

## Teacher Education

The requirements for teacher education programs are listed in the Academic Division Structure and Program and Course Descriptions sections of this catalog. These programs are selective. An admission process must be completed for entry into either the elementary or secondary education programs.

Students who intend to pursue licensure as an elementary or secondary school teacher should contact the Division of Education as early as possible in their college career.

Both education programs are state and nationally accredited. They follow a model in which students progress through coursework and field experiences as a cohort. Programs are highly interactive and reflective. They emphasize the integration of theory and practice, leadership, diversity, and technology. State and national standards are met through developmental, constructive, and collaborative programs.

## Preparation for Professional Degrees in Other Colleges

Undergraduate liberal arts coursework is required for admission to professional schools in fields such as engineering, pharmacy, law, and medicine. Students on the Morris campus have the opportunity to complete a broad range of liberal arts courses that prepares them to apply for admission at the bachelor's degree level to various professional schools at the University of Minnesota and other prestigious universities across the nation.

UMM advisers work with students on a regular basis to plan an academic program that supports the student's academic interests and goals. The Academic Advising Office provides detailed guides to preparatory course work at UMM that is recommended by the University of Minnesota professional schools. In addition, professional school catalogs, the best source of information about requirements, are available online at [www.catalogs.umn.edu](http://www.catalogs.umn.edu).

It is recommended that students who intend to apply for professional programs at the bachelor's degree level complete the UMM degree requirements. Many students change their educational objectives during the course of study in preparation for a professional school, in which case the credits earned can be applied toward UMM graduation requirements. Admission to professional programs is highly competitive and applicants may be competing against others who have already earned bachelor's degrees or have at least three years of preparation before they apply. Simply completing the minimum preparation requirements does not guarantee admission.

Students are urged to consult the catalog of the professional school they plan to attend for information about the admission requirements, application deadlines, and procedures. Most professional schools require a minimum GPA, a satisfactory score on a standardized aptitude test, and letters of recommendation. Online and self-study courses related to the health sciences offered through the University of Minnesota, Twin Cities are also available to UMM students.

UMM offers preparatory coursework, either as the full program of the bachelor of arts degree or as preliminary courses, for the following professional schools of the University of Minnesota:

- Dentistry
- Engineering
- Law
- Medicine
- Nursing
- Pharmacy
- Physical Therapy
- Veterinary Medicine

## Dentistry

Students planning to earn the doctor of dental surgery degree at the School of Dentistry on the Twin Cities campus must complete a minimum of 87 semester credits in a science-based liberal arts curriculum emphasizing biology, chemistry, mathematics, and physics for admission to the professional program. The majority of students entering the program have completed four or more years of college and a bachelor's degree. The minimum GPA required for admission is 2.70, however, acceptance is on a competitive basis and an average well above this is usually necessary to be admitted.

Students seeking admission to the School of Dentistry must apply through the American Association of Dental Schools Application Service by December 1. Information and registration for the Dental Admission Test (DAT) are available online at [www.ada.org](http://www.ada.org). Scores from the DAT are required as part of the application and must be submitted to the School of Dentistry by December 1 of the academic year preceding the fall term in which enrollment is sought. The supplemental School of Dentistry application deadline is also December 1, however, students are encouraged to apply early by September 1. Applications are considered on a rolling basis.

## Engineering

Students at UMM can pursue the study of engineering through any of three established paths. 1) A dual-degree program, formally arranged with the University of Minnesota, Twin Cities (UMTC), provides the opportunity for students to earn a bachelor of arts from UMM and a bachelor of science degree from the UMTC. 2) A pre-engineering curriculum option allows students to attend UMM for two years, taking the mathematics, chemistry, physics, computer science, and composition courses required in engineering programs and then transfer to UMTC. 3) Students considering an advanced degree in engineering can complete a bachelor of arts degree in one of the sciences at UMM and then enroll in a graduate engineering program at UMTC or elsewhere. Each of these options is described below.

### Dual-Degree Program

Students in the dual-degree program take courses for three years at UMM and two or three years from the Institute of Technology (IT) on the Twin Cities campus. While at UMM, students can major in mathematics, physics, chemistry, or statistics; choose electives; and complete the UMM general education requirements. Students then transfer to IT, provided they meet the minimum GPA required for transfer (which currently ranges from 2.50 to 2.80 depending on the specific engineering program). IT engineering programs include aerospace and mechanics, biobased products, biomedical, biosystems and agricultural, chemical, civil, computer, electrical, geological, materials science, and mechanical engineering. Each student should work closely with a faculty adviser to identify which UMM major and IT engineering program best fit together to match the student's interests and specific program requirements. Students who successfully complete the program earn a bachelor of arts degree from UMM and a bachelor of science degree from IT.

## Pre-Engineering Program

The pre-engineering program is a well-articulated arrangement with the University of Minnesota Institute of Technology in which students attend UMM for two years, taking the core mathematics, physics, chemistry, computer science, and composition courses that are the standard preparatory courses for the IT engineering programs. Since the course requirements do vary slightly from one engineering program to another, each student should work closely with a faculty adviser in the selection of both required and elective courses. (Many students choose electives that satisfy the general education requirements of both UMM and IT so that they have the option of graduating from UMM rather than transferring.) After two years at UMM, students can transfer to IT, provided they meet the minimum GPA required for transfer (which currently ranges from 2.50 to 2.80 depending on the specific engineering program). Students can then complete a bachelor of science in engineering within two to three years.

## B.A./Graduate Degree Program

A bachelor of arts degree in one of the basic sciences is excellent preparation for a graduate degree in engineering. It is not necessary to have an undergraduate degree in engineering to enroll in an engineering graduate program either at the University of Minnesota or elsewhere. At the University, a student with a bachelor of arts in one of the basic sciences can usually complete a master of science in engineering in two years. A doctorate degree takes several more years.

## Law

A bachelor's degree is required for admission to law school, but no specific preparatory program or major is prescribed. Students are advised to plan a rigorous bachelor's program that provides a broad background in the humanities, mathematics, sciences, and social sciences. Students should select an academic major based on their special area of interest and abilities to ensure a depth and breadth of knowledge in one field. Students can be and have been admitted to law school with majors across the curriculum. Students are encouraged to take courses that require independent thought and writing, including work in other languages, and to develop their skills in oral and written expression through course work or activities.

The University of Minnesota Law School on the Twin Cities campus makes the following statement about its admission policy: "Admission is limited to applicants who demonstrate potential for success in law study and in the profession." A strong scholastic record and scores from the Law School Admission Test (LSAT) are key factors for admission. Various factors such as work experience; career goals; positions of leadership; racial, ethnic, or economic backgrounds; and public service are also considered.

All applicants must first register with the Law School Data Assembly Service (LSDAS). The service acts as a repository for the student's application, academic transcripts, LSAT test scores, and letters of recommendation. LSDAS summarizes the student's transcripts and sends them to each law school to which the student applies.

Register with the LSDAS online at [www.lsac.org](http://www.lsac.org). Other required materials include a personal statement, a resume highlighting extracurricular activities and community service, and an application fee.

It is preferred that applicants register with the LSDAS and take the LSAT at least six weeks before the April 1 application deadline; however, students are encouraged to apply as early as October 1. Normally applicants take the LSAT in December of their senior year in college. The LSAT/LSDAS Information Bulletin and application are available in Student Counseling.

## Medicine

Students planning to enter a school of medicine must complete a bachelor's degree with a well-balanced liberal arts program before admission. Required premedical courses in the bachelor's degree program include composition, biology, chemistry, mathematics, and physics. The three Minnesota medical schools are the University of Minnesota Medical School in Minneapolis, the University of Minnesota Medical School in Duluth, and the Mayo Medical School in Rochester. Requirements of the various medical schools vary and change frequently. First-year UMM premedical students should check the Web sites of the schools they are interested in and work closely with their faculty adviser and the UMM premedicine advising committee.

All three Minnesota medical schools participate in the American Medical College Application Service (AMCAS). The AMCAS application should be filed as early as the Web-based application becomes available, usually in early May. Premedical students should begin application procedures for medical school during their junior year. Supplemental application materials may be required, depending on the individual school, so students should carefully review the instructions in the application materials.

Students using AMCAS are required to take the Medical College Admission Test (MCAT). This test is also required or strongly recommended by most medical schools in the United States. Students take the MCAT online and it is recommended that students take the MCAT in the spring or summer after their junior year. Registration materials and more information about MCAT can be found on the [MCAT Web site](#). Applications for AMCAS and MCAT information are available at Student Counseling.

## Nursing

Students planning to transfer into a bachelor of science in nursing (BSN) program at any of the several universities in Minnesota that offer the degree need to first complete required courses in biology, chemistry, composition, nutrition, psychology, and statistics. Because these requirements vary, it is important for students to consult early with the admissions offices at the specific schools to which they plan to apply. The Morris community provides numerous opportunities to gain work experience in the healthcare field and this may be important in the admissions process. The length of BSN programs varies from two to three years following completion of the prerequisite coursework. Because admission to these programs is very competitive, students are encouraged to apply to multiple programs.

For greater flexibility, students may also consider finishing their bachelor of arts degree in a non-nursing major, such as biology or chemistry, at UMM, then applying to the master of nursing program at the University of Minnesota, Twin Cities. This 16-month program gives the student eligibility to become a licensed registered nurse (RN). Successful applicants have completed prerequisite courses in chemistry, human anatomy and physiology, microbiology, abnormal psychology, and statistics, combined with a strong liberal arts background. Admission is highly competitive. Most successful applicants have work experience beyond their bachelor's degree. For more information, students should contact the University of Minnesota School of Nursing. Additionally, many other universities offer post-bachelor nursing programs and master's programs in nursing; students are encouraged to look beyond the University of Minnesota, Twin Cities for opportunities in this field.

## Pharmacy

Students planning to apply to the University of Minnesota College of Pharmacy (Twin Cities or Duluth) must complete specified general education coursework, including composition, biology, chemistry, mathematics, physics, economics, psychology, and sociology to be eligible for admission. The admission process is selective. A bachelor's degree is preferred (fewer than 20 percent of accepted students do not have a degree). Applicants who have a Pharmacy College Application Service (PharmCAS) GPA of 3.00, or 3.20 over the most recent 60 semester credits (see [www.pharmacas.org](http://www.pharmacas.org)) are eligible to apply for admission. The criteria used to evaluate and select applicants for admission include the student's educational background and GPA, PCAT scores, diversity factors, work experience, community service, oral and written communication skills, and letters of recommendation. Information and registration for the Pharmacy College Admission Test (PCAT) and scored writing subtest are available online at [www.pcatweb.info](http://www.pcatweb.info). The PCAT exam is offered on the Morris campus in October and January. Pre-registration is required and materials are available in the UMM Student Counseling Office.

Applicants to the program on either the Duluth or Twin Cities campuses must submit the PharmCAS application ([www.pharmacas.org](http://www.pharmacas.org)) with transcripts, letters of reference, and PCAT scores. The supplemental application should be submitted no later than the February 16 deadline. Further information about the supplemental application can be found on the College of Pharmacy Web site at [www.pharmacy.umn.edu](http://www.pharmacy.umn.edu). Admission to the College of Pharmacy is on a rolling basis with priority given to students who apply early because the class may fill much earlier than the deadline.

Highly qualified candidates are then invited to campus for an interview prior to the admission decision.

## Physical Therapy

Students must complete a bachelor's degree (no major preferred) to be eligible for admission to the graduate physical therapy program at the University of Minnesota, Twin Cities. Required undergraduate coursework includes biology courses with labs, anatomy, human physiology, inorganic chemistry with labs, physics, general psychology, abnormal psychology, calculus, and statistics (including ANOVA and regression analysis). All courses must be taken for a letter grade. Students are also expected to be skillful with word processing applications and spreadsheets. Admission is very competitive; a minimum GPA of 3.00 is required. While at UMM, students are encouraged to complete a strong liberal arts program. Exposure to a physical therapy setting through volunteer work or employment (minimum 100 hours) is an important prerequisite. For more information, see [www.physther.umn.edu](http://www.physther.umn.edu).

## Veterinary Medicine

Admission to the College of Veterinary Medicine is highly competitive. Approximately 90 students are admitted each fall semester and are selected through an evaluation process including: 1) academic measures, such as GPA and VMCAS score; 2) non-academic measures, such as animal experience; and 3) a behavioral interview. First priority is given to Minnesota residents and to students from states and provinces where reciprocity applies to the veterinary program (North Dakota, South Dakota, and Manitoba, Canada).

To qualify for admission to the College of Veterinary Medicine, students must complete required courses including English composition, biology, chemistry, mathematics, physics, and a strong liberal arts background. Most students complete their bachelor's degree before entering veterinary school but may seek admission during the academic year in which their pre-veterinary requirements are complete. Consultation with a UMM adviser is essential for proper course planning. The University of Minnesota is a part of the national application service through the Veterinary Medical College Application Service (VMCAS). Instructions and applications for VMCAS are available online at [www.cvm.umn.edu/education](http://www.cvm.umn.edu/education). The deadline for submitting the VMCAS application is October 1; three letters of evaluation must be submitted along with the VMCAS application. The Graduate Record Examination (GRE) is also required for admission. Students must take the GRE by October 1 and the results must reach the College of Veterinary Medicine office by October 31. An early admission program to the College of Veterinary Medicine is available to qualified UMM freshmen interested in food animal medicine. Students should consult their adviser for details. For more detailed information and application materials, contact the Office of Student Affairs and Admissions, College of Veterinary Medicine.

# Honors and Awards

Honors and awards recognize exceptional scholarship and related achievements within the student body. Such scholarship can be demonstrated in a variety of ways. General academic excellence, as traditionally measured by the grade point average (GPA), is one way. Exceptional scholarship, however, may not always be reflected by the GPA. For this reason, UMM also recognizes creative scholarship as demonstrated in a particular discipline.

## University Honors

### Graduation With Distinction

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

### Graduation With Honors

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

### Chancellor’s Award

This award is presented to outstanding students on the basis of academic excellence and contribution to campus life. The Executive Committee of the Morris Campus Student Association and student members of the Campus Assembly nominate students for this award. Nominees are endorsed by the Functions and Awards Committee. UMM’s chancellor makes the final selection.

### Dean’s List

The Dean’s List recognizes students who have achieved an outstanding academic record during a given semester. To qualify, students must have earned a GPA of 3.666, have registered for a minimum of 12 credits (two-thirds on the A-B-C-D-F grading system), and completed all credits for which they were registered during that semester. The Dean’s List is announced each semester by the vice chancellor for academic affairs and dean; a notation is put on the student’s transcript, and a certificate is sent to each student named on the list. Announcements are also sent to the hometown newspapers of students named to that semester’s Dean’s List.

There are instances in which coursework may extend beyond a single academic semester or a serious illness or justifiable emergency may make it impossible for work to be completed by the end of a semester. In such cases, students who meet all other Dean’s List criteria stated above may petition the Functions and Awards Committee in writing for an exception; petitions must be filed within two weeks after the beginning of the next semester for which students register. Students who seek such exceptions should consult with the Office of the Registrar for more information.

### Scholar of the College Award

This award is presented annually to students who have demonstrated distinguished scholarly work by making valuable contributions in one or more of the academic disciplines. Nominations are made by the faculty, reviewed by the Functions and Awards Committee, and approved by the Campus Assembly.

In addition to the above scholastic honors, the University of Minnesota, Morris recognizes campus-wide student leadership through the following awards:

## Campuswide Awards

### Bos Research Award

This award is presented annually to enhance the undergraduate research experiences of UMM students. The funds may be used to cover costs associated with the pursuit of undergraduate research. All UMM students are eligible to participate. Funds are awarded by the dean, with the amount of dollars distributed and the number of recipients to be determined each year according to the dean’s discretion and the amount of funding available. The award is in honor of Angela Bos ’01, a distinguished alumna of UMM.

### Owen and Frances Tate Award

This award provides matching dollars to cover travel expenses for students presenting scholarly work at symposia and professional meetings, engaging in artistic activities, conducting research projects, or performing outside of the UMM campus community. It was established by the Tate family to honor the memories of Owen and Frances Tate, lifelong residents of Big Stone County, and to support UMM student learning activities that do not have other funding sources available.

### American Indian Salt Springs Award

This award is presented to outstanding American Indian students on the basis of academic excellence and contribution to the Indian and campus community. To be eligible, the student must return to UMM the following year.

### Allen W. Edson Award

This award is presented annually in recognition of a student’s total contribution to campus life. Selection is made by the Executive Board of the Morris Campus Student Association, student members of the Campus Assembly, and the faculty. Allen Edson was superintendent of the University of Minnesota West Central School of Agriculture (WCSA) and Experiment Station on the Morris campus from 1947 to 1958. He joined the WCSA staff in 1921.

### Edith Rodgers Farrell Memorial Award for Undergraduate Research

This award is granted to a graduating senior whose research is judged to be excellent by a jury of faculty. Edith Rodgers Farrell was a professor of French and advocate of undergraduate research. She served UMM from 1985 until her death in 1997.

### **Arnold Henjum Scholar-Athlete Award**

This award is presented to a senior male athlete on the basis of academic and athletic excellence and integrity, this award honors Arnold Henjum, professor of education from 1964 to 1992, who made innumerable contributions to Minnesota public education.

### **Women's Honors Athlete Award and Men's Honor Athlete Award**

Recipients of this award are selected by a committee of coaches on the basis of academic and athletic achievement. Nominees have a grade point average of 3.00 or higher.

### **Willis Kelly Award**

This award is presented annually to a senior female athlete who most exemplifies the spirit of competition in women's athletics at UMM. The award is in memory of Willis Kelly, a physical education coach and athletic director at UMM for more than 20 years. She became the first director of women's athletics in 1975 and served as director of men's and women's athletics from 1982 until her retirement in 1987.

### **Curtis H. Larson Award**

This award is conferred upon the graduate chosen as senior class speaker. The selection is made by the faculty and graduating seniors. Established in honor of the late Curtis H. Larson, UMM's first class speaker in 1964, who died in an automobile accident while serving as a Peace Corps volunteer in Ecuador.

### **Student Leadership Award**

This award is presented annually to recognize student achievements in the life of the campus. These awards recognize students who are leaders of student organizations, committees, and special groups whose activities or programs are coordinated with or administered by Student Activities or Residential Life.

### **Mary Martelle Memorial Award**

Presented annually to a student and to a staff member deemed to have made outstanding contributions to campus life, this award perpetuates the memory of Mary Martelle, senior secretary in the Office of Student Activities from 1965 until her death in 1976. Nominations are made by the entire campus community and the recipients are determined by the Functions and Awards Committee.

### **David Minge Internship Award**

This award supports students seeking Washington, D.C., internships—educational opportunities that former Congressman David Minge values as important and insightful components in learning about public policy process at the federal level. Preference is given to internship participants who integrate the study of peace, justice, conservation, the environment, rural affairs, or similar issues.

## **Discipline-Based Honors**

In addition to the above scholastic honors, the University of Minnesota, Morris recognizes campuswide student leadership through the following awards:

### **Abbott Award in Physics**

This award is presented to a graduating senior majoring in physics who has the greatest potential for achieving a professional career in physics or a physics-related field. The award was established by Robinson Abbott, professor of biology from 1961 to 1991, and his wife, Rose Marie, who taught biology courses at UMM, to recognize the importance UMM has played in their lives. All four Abbott children graduated from UMM, three with majors in physics.

### **Alumni Award for Outstanding English Major**

This award is given to an English major in his or her last year at UMM whose performance in English classes has been consistently superior and who has made positive contributions to the discipline or major in and beyond the classroom.

### **Art History Book Award**

This award is given to a graduating art history major in recognition of academic excellence and potential for further achievement in the arts.

### **Natalie Benoit Memorial Award**

This award is presented to a junior or senior who has demonstrated ability and shows promise as a serious art student. Established in memory of Natalie Benoit by her parents, George and Joan Benoit, former Morris residents. Natalie was an art major studying at Penn State at the time of her death in an accident.

### **Chris Berg Memorial Award**

This award is presented annually to an outstanding senior majoring in economics who has demonstrated academic excellence in that field by the economics/management faculty in memory of their late colleague.

### **Clemens "Johnny" Brauer Memorial Award**

This award supports geology majors by providing financial assistance to cover field study expenses. The award honors the memory of Clemens Brauer, associate professor of geology from 1966 to 1981, who emphasized fieldwork as an important part of a geology major. His students and the campus knew him as "Doc Rock." He passed away in May 2003.

### **Rodney A. Briggs Library Student Art Award**

This award recognizes talented UMM students and creates a permanent, quality, library art collection. UMM art faculty identify up to 10 works from each of the two student art shows. A committee of two library staff, two library student assistants, and an Academic Services Support Committee member select one piece from each of the art shows.

### **Keith Carlson Memorial Jazz Award**

This award is presented annually to the most outstanding jazz musician at UMM. This award was established in memory of Keith Carlson by Jack and Ethel Carlson.

### **Freshman Chemistry Award**

This award honors a first-year student's outstanding performance in a chemistry class. It is given by the Chemical Rubber Company.

### **pdf Chemistry Award**

This award is presented annually to a senior chemistry major who has demonstrated outstanding scholarship, potential, and service in chemistry.

### **Brion Dalager Memorial Award**

Established by the family and friends of the late Brion Dalager, UMM music student from 1969 to 1972, this award is given annually to students who have demonstrated outstanding ability on a band instrument.

### **Mimi Frenier Award in Women's Studies**

This award is granted annually to a junior or senior women's studies major in recognition of high academic achievement and social, political, and civic activism. It was established by colleagues, students, alumni, friends, and the UMM Commission on Women in recognition of Professor of History Mariam Frenier's dedication to UMM and in appreciation for her contributions to the development of the women's studies major. She served UMM from 1973 until her retirement in 2004.

### **Dimitra Giannuli Memorial Award**

Based on the excellence of a paper written for any of the history courses offered at UMM, this award was established by colleagues, friends, family and alumni in memory of Dimitra Giannuli, associate professor of history. She served UMM from 1992 until her death in 2003.

### **Gieske Academic Award**

Offered annually to outstanding political science majors in their senior year, recipients will have an exceptional record of accomplishment at UMM as well as strong prospects for success after graduation. The award is in memory of Millard R. Gieske, professor of political science from 1963 to 1991, a respected leader in many professional organizations and the author of many political works.

### **Gieske Internship Award**

This award supports political science students who pursue legislative internships in Washington, D.C., or at the Minnesota State Capitol. It honors the memory of Millard Gieske, UMM professor of political science.

### **Lois P. Hodgell Printmaking Award**

Presented annually to a student who demonstrates creative potential in the field as well as a technical understanding of a variety of print processes, this award honors Lois P. Hodgell, who was a professor of art at UMM from 1962 until her retirement in 1993. The award recipient must show outstanding achievement in printmaking.

### **Dik Munson Art Award**

This award is presented to outstanding first- and second-year students in studio art who demonstrate creative potential in future discipline coursework. This award is intended for purchase of materials and supplies for the recipient's artwork and experimentation with new media.

### **Betty Peterson Memorial Accompanying Award**

This award is presented annually to a senior student who excels in music, the annual award recognizes high accompanying ability and quality. The award was established in memory of Betty Peterson by her family and friends.

### **Jay Y. Roshal Award**

This award is presented to a senior majoring in biology who demonstrates promise and interest in a career in the biological sciences. The award is in honor of the late Jay Y. Roshal, professor of biology at UMM from 1960 to 1983, and the first chairperson of the Division of Science and Mathematics.

### **William R. Scarborough Memorial Award**

This award is presented annually to a senior enrolled in either the elementary or secondary education program, this award recognizes a student's demonstrated competence and potential for becoming an outstanding member of the teaching profession. William Scarborough joined the UMM faculty in 1966, made many contributions to public education in Minnesota, and served as chairperson of the Division of Education until his death in 1979.

### **Ted Underwood Award in History**

This award is presented to a graduating senior with a major or minor in history or a history concentration in the social science major who has demonstrated distinguished academic performance in history. The award is named for Dr. Ted L. Underwood, history faculty member from 1967 until his retirement in 1999.

For more information about these and other awards, contact the respective division chairperson.