



# University of Minnesota Bulletin

1981-82

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MS

- TWIN CITIES CAMPUS
- DULUTH CAMPUS
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- CROOKSTON CAMPUS
- WASECA CAMPUS

# General Information Bulletin

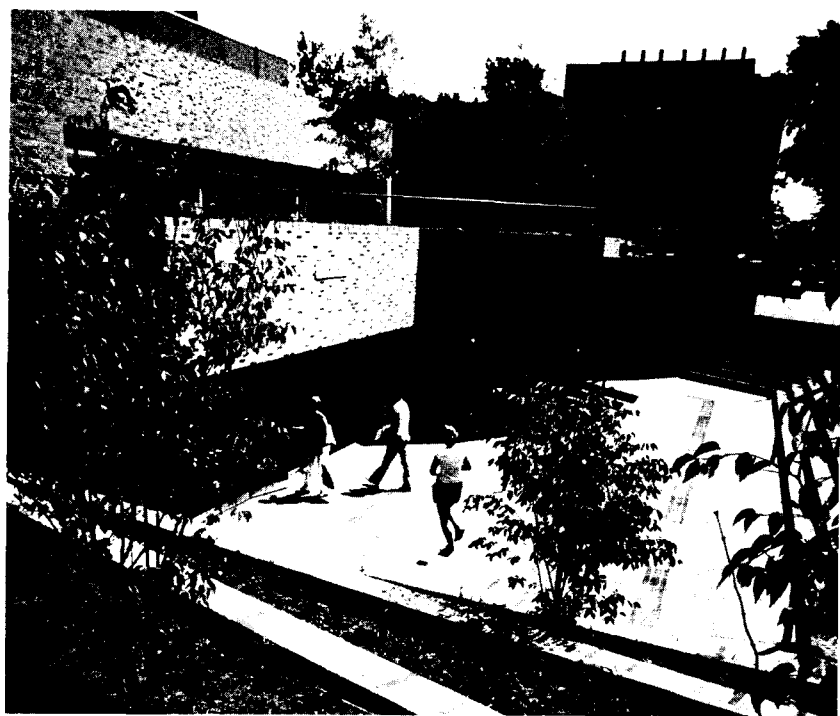
1981-1982

UNIVERSITY OF MINNESOTA

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## UNIVERSITY CALENDAR 1981-82<sup>1</sup>

July 15	Wednesday	Last day applications to most undergraduate colleges and programs or for change of college within the University can be assured a fall quarter admission decision. Last dates vary for some colleges, professional schools, and programs. See the appropriate section under Admission to Colleges of the University, pages 12-20.
August 24- September 25		Fall quarter registration. Orientation program for new students. (Dates for the various colleges will be announced in mailed instructions.)
August 17	Monday	Graduate School application deadline for fall quarter.
September 7	Monday	Labor Day, holiday.
September 8- October 9		Fee payment. See fee statement for exact due date.
September 8	Tuesday	Fall quarter classes begin — Crookston campus.
September 21-25		Graduate student information program.
September 21-28		Welcome Week.

### Fall Quarter — 1981

September 28	Monday	<i>Fall quarter classes begin.</i>
October 17	Saturday	Homecoming — Twin Cities campus — Northwestern University. Homecoming — Crookston, Morris, and Waseca campuses.
October 21	Wednesday	Last day for undergraduates and students in professional degree programs to pay graduation fees for fall quarter.
October 26	Monday	Morris Campus Assembly meeting, 4 p.m.
November 11	Wednesday	Last day for students in Graduate School to pay graduation fees for fall quarter.
November 16- December 30		Winter quarter registration. Dates for individual colleges announced in <i>Class Schedule</i> and <i>Official Daily Bulletin</i> .
November 16	Monday	Last date applications to most undergraduate colleges and programs or for change of college within the University can be assured a winter quarter admission decision. Last dates vary for some colleges, professional schools, and programs. See the appropriate section under Admission to Colleges of the University, pages 12-20.
November 19	Thursday	Twin Cities Campus Assembly meeting, 3:15 p.m.
November 21	Saturday	End of fall quarter — Crookston campus.
November 25	Wednesday	Graduate School application deadline for winter quarter.
November 26-27		Thanksgiving holidays. Classes excused and University offices closed.
November 30	Monday	Winter classes begin — Crookston campus.
December 2- January 15		Fee payment. See fee statement for exact due date.
December 3	Thursday	University Senate meeting, 3:15 p.m.
December 8	Tuesday	<i>Last day of instruction.</i>
December 9	Wednesday	Study day.
December 10-16		<i>Final examinations.</i>
December 11	Friday	End of fall quarter — Waseca campus.
December 16	Wednesday	<i>Commencement.</i> Individual collegiate graduation events may be held throughout the quarter. Check college office. <i>End of fall quarter.</i>
December 17	Thursday	End of fall quarter for extension classes.
December 24-25		Christmas holidays. University offices closed.
December 31- January 1		New Year's holidays. University offices closed.

<sup>1</sup>This calendar lists most, but not all, events for most campuses of the University. It does not list events for the Duluth campus. Except as indicated, dates for the Twin Cities, Morris, and Waseca campuses are the same. Some variations exist for admission, registration, and fee payment dates. Students are informed of schedule changes when they receive application and registration materials.

## Winter Quarter — 1982

January 4	Monday	<i>Winter quarter classes begin.</i>
January 9	Saturday	Graduate student information program.
January 28	Thursday	Twin Cities Campus Assembly meeting, 3:15 p.m.
February 8	Monday	Last day for undergraduates and students in professional degree programs to pay graduation fees for winter quarter.
		Morris Campus Assembly meeting, 4 p.m.
February 12	Friday	Last day for students in the Graduate School to pay graduation fees for winter quarter.
February 15	Monday	Presidents' Day, holiday.
February 16	Tuesday	Last day applications to most undergraduate colleges and programs or for change of college within the University can be assured a spring quarter admission decision. Last dates vary for some colleges, professional schools and programs. See the appropriate section under Admission to Colleges of the University, pages 12-20.
February 18	Thursday	University Senate meeting, 3:15 p.m.
February 25	Thursday	Graduate School application deadline for spring quarter.
February 26	Friday	End of winter quarter — Crookston campus.
March 8	Monday	Spring quarter classes begin — Crookston campus.
March 12	Friday	<i>Last day of instruction.</i>
		End of winter quarter — Waseca campus.
March 13	Saturday	Study day.
March 15-20		<i>Final examinations.</i>
March 20	Saturday	<i>Commencement.</i> Candidates for baccalaureate degrees should check with college offices for information. No Graduate School commencement ceremony.
		<i>End of winter quarter.</i>

## Spring Quarter — 1982

March 25	Thursday	<i>Spring quarter classes begin—Waseca campus.</i>
March 29	Monday	<i>Spring quarter classes begin—Twin Cities campus and Morris campus.</i>
April 3	Saturday	Graduate student information program.
April 7	Wednesday	Last day for undergraduates and students in professional degree programs to pay graduation fees for spring quarter.
April 9-12		Classes excused — Crookston campus.
April 15	Thursday	University Senate meeting, 3:15 p.m.
April 29	Thursday	Twin Cities Campus Assembly meeting, 3:15 p.m.
May 3	Monday	Morris Campus Assembly meeting, 4 p.m.
May 7	Friday	Last day for students in Graduate School to pay graduation fees for spring quarter.
May 17	Monday	Graduate School application deadline for first term of summer session.
May 20	Thursday	University Senate meeting, 3:15 p.m.
May 21	Friday	End of spring quarter and commencement — Crookston campus.
May 31	Monday	Memorial Day, holiday. Classes excused and University offices closed.
June 3	Thursday	End of spring quarter—Waseca campus.
June 4	Friday	<i>Last day of instruction.</i>
		Commencement—Waseca campus.
June 5	Saturday	Study day.
June 7-12		<i>Final examinations.</i>
June 11	Friday	Commencement—Morris campus.
June 12	Saturday	<i>End of spring quarter.</i>
		Graduate School commencement.
		Candidates for baccalaureate and professional degrees should check with college offices for commencement information.



## Summer Quarter — 1982 (Waseca only)

June 28	Monday	Summer quarter classes begin.
July 5	Monday	Independence Day, holiday. Classes excused and University offices closed.
September 6	Monday	Labor Day, holiday. University offices closed.
September 10	Friday	End of summer quarter.

## Summer Session — 1982 (Crookston only)

### Summer Term I

June 1	Tuesday	Classes begin.
July 2	Friday	Last day of term.

### Summer Term II

July 6	Tuesday	Classes begin.
August 6	Friday	Last day of term.

## Summer Session — First Term 1982

June 8	Tuesday	Last day to pay graduation fees for first term of summer session.
June 14	Monday	Last day to register and pay fees for first term.
June 15	Tuesday	<i>First term classes begin.</i> Graduate School application deadline for second term of summer session.
July 5	Monday	Independence Day, holiday. Classes excused and University offices closed.
July 16	Friday	<i>End of first term.</i> <i>Commencement.</i> Candidates for baccalaureate degrees should check with college offices for commencement information.

## Summer Session — Second Term 1982

July 16	Friday	Last day to pay graduation fees for second term of summer session.
July 19	Monday	Last day to register and pay fees for second term. <i>Second term classes begin.</i>
August 20	Friday	<i>End of second term.</i> <i>Commencement.</i> Candidates for baccalaureate degrees should check with college offices for commencement information. No Graduate School commencement ceremony.

## 1982-83 CALENDAR

	Fall	Winter	Spring	SSI	SSII
Classes begin	9/27/82	1/3/83	3/28/83	6/14/83	7/18/83
End of final exams	12/17/82	3/19/83	6/11/83	7/15/83	8/19/83



# University of Minnesota

## BEGINNINGS

It is one of the things which we, the citizens of Minnesota, count among our choicest blessings and for which we should be profoundly grateful, that the early settlers of the territory which afterwards became the state of Minnesota, were made up of people who considered good education second only to the fear of God and an honest name. This explains the fact that in 1851, when the whole territory contained less than 10,000 inhabitants, its citizens were already making provision for a future university which should give to every young person within its borders the best education to be had anywhere.

*Forty Years of the University of Minnesota*, ed. E. Bird Johnson  
(Minneapolis, Minnesota: General Alumni Association, 1910)

Minnesotans are indeed fortunate to have inherited this "blessing," the educational legacy of their forebears. In the best tradition of institutions of higher learning, the University of Minnesota has been and continues to be a center for learning and research — thanks to the tireless efforts of state and community leaders, educators, students, and others whose dedicated service has helped to shape and carry out the University's mission.

The University of Minnesota was chartered in 1851, seven years before the Minnesota Territory became a state. After a promising beginning as a preparatory school, it was beset by financial crises and was forced to close during the Civil War. During this difficult time, John Sargent Pillsbury began the long and dedicated service that won him respect as "the father of the University." As University regent, state senator, and later governor, he led the University out of its financial problems and championed the resurgence and growth of a university that was destined to become one of the great institutions of higher learning in this country.

In 1869, the University reopened its doors, with Williams Watts Folwell as its first president. President Folwell's philosophy of education helped to shape the future direction of the University. Indeed, its emphasis on the practical value of education seems far ahead of its time. In his inaugural address, President Folwell forecast the need for technical and business education and for the study of the social sciences as a preparation for life in an increasingly complex society. At the same time, he upheld the tradition of a liberal education, saying that the University

will put bread into no man's mouth directly, nor money in his palm. Neither will the rains nor the sunshine do that, but they warm and nourish the springing grass, and ripen the harvest. . . . We found the American university with a double purpose: the increase of material wealth and comfort, and the culture and satisfaction of the spirit.

Thus President Folwell began the process of building the University into what one commentator has described as "a federation of literary, scientific, professional, and industrial colleges." In 1869, the University had only 9 faculty members and 18 students. Two students were graduated at the University's first commencement in 1873. Since then more than 300,000 students have received University of Minnesota degrees, while the University itself has become a major center for education, creative scholarship, research, and service.

## THE UNIVERSITY TODAY

Today, with over 4,500 full-time faculty members, about 10,500 civil service staff members, and more than 55,000 students enrolled in its degree-granting colleges and

schools and another 18,000 in Continuing Education and Extension, the University is one of the largest institutions of higher learning in the United States. More than 25 colleges and professional schools — members of the envisioned "federation"— offer programs leading to associate, baccalaureate, advanced, and professional degrees.

As in President Folwell's time, the University continues to emphasize both career preparation and intellectual development. This dual emphasis is a feature of the University's undergraduate and preprofessional programs as well as of the many extracurricular activities available to students.

In seeking to provide the best possible educational opportunities for the people of Minnesota, the University shares the responsibility for undergraduate education with the state's other institutions of higher learning. However, the University is unique in the state in its emphasis on graduate and advanced professional education and on research. The graduate and professional schools are training grounds for the state's teachers and other professionals; they are also breeding and testing grounds for new ideas and for scientific and technological advances. Research, funded primarily by outside grants, produces economic returns for the state and helps to stimulate industry, business, and agriculture for the benefit of all the people of the state.

The University is also distinguished by its role as an innovator of new programs and educational services for the people of the state. These programs and services include independent study offerings, nontraditional University College programs, community programs, and a wide variety of special learning and research opportunities offered by individual collegiate units. It is a mark of its excellence that the University has always been able to meet the changing needs of its students and the people of Minnesota; it might be said that among our choicest blessings is the University's continuing commitment not just to maintaining an educational institution, but to educating people.

## **TWIN CITIES CAMPUS AND VICINITY**

On the Twin Cities campus, students enjoy the academic, cultural, social, and recreational opportunities of a major university as well as those of a major metropolitan area. The Twin Cities of Minneapolis and St. Paul are culturally rich: in theater, with the Tyrone Guthrie Theater as well as many professional and community theaters featuring regular performances; in dance, with the Minnesota Dance Theatre and several other dance companies performing regularly; in music, with the Minnesota Orchestra and St. Paul Chamber Orchestra heading the list of orchestral and chamber groups and with folk, country, jazz, and rock groups appearing regularly throughout the metropolitan area; and in art, with the works of both local and international artists displayed at the Minneapolis Institute of Arts, Walker Art Center, and Minnesota Museum of Art, as well as at many smaller private galleries scattered throughout the area.

For recreation, Twin Citians can either watch or participate in a variety of activities. Spectators enjoy the exploits of Minnesota's major league sports teams, including football (Vikings), baseball (Twins), soccer (Kicks), and hockey (North Stars). Those seeking active participation can choose from the myriad opportunities for both summer and winter activities. The Mississippi River and the more than 200 picturesque lakes in the greater metropolitan area provide opportunities for swimming, sailing, canoeing, fishing, or just sunning and relaxing in the summer; and for skating, hockey or broomball, or ice fishing in the winter. On land, people can enjoy the vast park system, with its network of foot paths and bicycle trails, as well as numerous public golf courses and tennis courts, spacious picnic grounds, flower gardens and wildlife preserves, and open recreational areas. In the winter, the parks and golf courses are blanketed with snow, attracting an assortment of cross-country skiers, tobogganers, and sledgers. For all seasons, one of the great indoor and outdoor attractions is the Minnesota Zoological Garden, where approximately 1,200 animals representing more than 250 species live in open, landscaped exhibits that represent the animals' natural habitat.

The campus itself is located in two geographically distinct areas, one in Minneapolis and the other in St. Paul. The main administrative offices of the University and most of the colleges and professional schools are located in Minneapolis, with buildings located on both sides of the Mississippi River — the "East Bank" and the "West Bank." Connecting the two banks is a two-level bridge with bicycle lanes and a covered pedestrian walkway on the upper level, where itinerant merchants, musicians, and minstrels often mingle with passersby. Immediately adjacent to the University buildings on each bank are communities of shops, restaurants, and other establishments that keep students fed, clothed, and otherwise equipped and entertained while they are at the University: the Cedar-Riverside area on the West Bank, and Dinkytown and Stadium Village areas on the East Bank. Downtown Minneapolis is just minutes away.

From Minneapolis, students can ride a free intercampus bus to take classes in St. Paul, where are housed the Colleges of Agriculture, Forestry, Home Economics, Biological Sciences, and Veterinary Medicine, as well as facilities for plant and animal research. Students in St. Paul colleges have their own student union, bursar, libraries, and registration center, even though St. Paul and Minneapolis are considered a single administrative unit (thus the collective title, Twin Cities campus).

Architecturally, the Twin Cities campus is a mixture of the traditional and the new. The former is perhaps best exemplified by stately Northrop Auditorium, which overlooks the spacious, tree-lined mall that is often considered the focal point of the Twin Cities campus; the latter is best exemplified by the strikingly modern Law Building, which has won several design awards since its dedication in 1978, and by Williamson Hall, an underground, earth-sheltered building that has received national attention for its unique structure and energy saving capabilities.

## **COORDINATE CAMPUSES**

The Twin Cities campus is the center of a university system that encompasses four coordinate campuses in various locations throughout the state. Duluth, the largest of these, is located in the northeastern part of the state overlooking Lake Superior and the city of Duluth, the "gateway" to the Arrowhead region of the state. Academic offerings at Duluth include a full range of baccalaureate and preprofessional programs as well as a number of master's degree programs. Morris, located in a rural setting in the west central part of the state, is a four-year liberal arts college offering majors in 28 disciplines. Both Crookston, in the northwest, and Waseca, in the south central part of the state, are two-year technical/agricultural colleges offering a wide range of vocational programs that include course work in the liberal arts as well as in the areas of specialty. Together, the campuses of the University constitute an educational network that serves every part of the state and offers everyone an opportunity to earn a degree, acquire a general education, learn a trade or prepare for a career, or just dabble in the arts and sciences. In both the variety and the quality of its academic, professional, and vocational programs, the University of Minnesota offers something for everybody.

## **STRUCTURE OF THE UNIVERSITY**

The University of Minnesota is governed, under its charter from the state, by its Board of Regents — 12 residents of the state elected by the legislature. Its chief administrative officers are the president; six vice presidents; provosts at Duluth, Morris, Crookston, and Waseca; associate and assistant vice presidents; and deans and directors. Money to support the University's teaching, research, and service activities comes from earnings, legislative appropriations, federal appropriations, student fees, and endowments, grants, and donations from many sources.

## **EQUAL OPPORTUNITY**

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap. In adhering to this policy, the University abides by the requirements of Title IX of the Education Amendments of 1972, by Sections 503 and 504 of the Rehabilitation Act of 1973, and by other applicable statutes and regulations relating to equality of opportunity.

Inquiries regarding compliance may be directed to Lillian H. Williams, Director, Office of Equal Opportunity and Affirmative Action, 419 Morrill Hall, 100 Church Street S.E., University of Minnesota, Minneapolis, Minnesota 55455, (612) 373-7969, or to the Director of the Office of Civil Rights, Department of Education, Washington, D.C. 20202, or to the Director of the Office of Federal Contract Compliance Programs, Department of Labor, Washington, D.C. 20210.

## **ADMISSION TO COLLEGES OF THE UNIVERSITY**

Opportunities for advanced education and professional training are offered through more than 25 colleges and professional schools of the University of Minnesota. These units offer a broad range of programs leading to associate, baccalaureate, graduate, or professional degrees. Each has its own admission requirements and graduation standards.

Each University student is enrolled in a single college or school. Ten of these units admit freshmen. The others require one year or more of college-level work prior to entry. Graduate and professional schools require a baccalaureate degree or specific preparatory curriculum before admission.

Admission to colleges of the University is open to all qualified residents of the state of Minnesota and to many nonresidents as well. Brief descriptions of each college's programs and admission requirements are included in the campus sections of this bulletin. College bulletins and other informational materials are available upon request from the Office of Admissions and Records on your campus and from collegiate units.

## **Application Timing**

The last day that freshman and advanced standing applications (including supporting credentials) to most colleges and programs can be guaranteed consideration is July 15 for fall quarter admission, November 15 for winter quarter admission, and February 15 for spring quarter admission. Some collegiate units may accept applications after these dates, but will do so only if space is available and the necessary admission procedures can be completed before the student registers. Deadlines that fall on a holiday or weekend are extended through the next regular working day. Early application is recommended.

Some units have specific deadlines. These are as follows:

Architecture — May 1

Biological Sciences — July 15 for fall quarter (students are encouraged to apply by May 15 to allow participation in annual program planning), October 15 for winter quarter, February 15 for spring quarter

Dental Hygiene — April 15 for graduate dental hygienist (G.D.H.) program, June 15 for bachelor's degree program

Dentistry — between August 1 and January 1 of the preceding academic year for entry the following fall

Education — April 15 for fall quarter admission to elementary education, and recreation, park, and leisure studies; students in other majors apply early in the quarter preceding the quarter of expected entry

Graduate School — August 15 for fall quarter, November 25 for winter quarter, February 25 for spring quarter, May 15 for first summer term, and June 15 for second summer term

Law School — March 1

Management—July 15 for fall quarter, January 15 for spring quarter

Medical School — between June 15 and November 15 of the preceding academic year for entry the following fall

Medical Technology — April 15

Nursing — March 1

Occupational Therapy — April 1

Pharmacy — between October 15 and April 15 of the preceding academic year for admission to the Pharm.D. or B.S. program the following fall after two years of preprofessional course work; or by December 31 of the preceding academic year for admission to the Pharm.D. program the following fall after at least four years of a five-year B.S. in pharmacy degree program or after receiving the B.S. in pharmacy degree

Physical Therapy — March 1

Institute of Technology—April 1 priority date for fall quarter admissions; April 1 deadline for international students.

Veterinary Medicine — November 15 of the preceding academic year for entry the following fall

Freshman applicants should submit completed applications between September and April of the senior year in high school. In all cases early applications are strongly recommended.

## Application Procedures

To apply for admission to a college of the University, you must submit your application and all supporting credentials (including test scores and letters of recommendation if required) to the admissions office on the appropriate campus by the established deadline. Freshman applications are generally available from high school counselors or from University admissions offices. Application forms for new advanced standing (transfer) students may be obtained from any University admissions office. Application forms for the programs in law, dentistry, and medicine should be obtained directly from the professional schools.

Students applying to most colleges must pay a \$10 nonrefundable credentials examination fee. (This fee is scheduled to increase to \$15 for students applying for fall quarter 1982 and thereafter.) Applicants seeking admission to the Graduate School, Law School, and College of Veterinary Medicine pay a \$5 nonrefundable credentials examination fee if they have earned or are completing requirements for a baccalaureate degree at the University of Minnesota; if not, the fee for these applicants is \$15. Applicants accepted for admission to the School of Dentistry and the Medical School pay a \$5 or \$15 fee (whichever is applicable) to cover the cost of processing their applications. The credentials examination fee is good for one year following the quarter for which an applicant originally sought admission. For example, if you apply for fall quarter 1981 and then decide to postpone entering the University, you may be considered for admission for any term up to and including fall quarter 1982 without again paying the fee.

If accepted, you will be admitted to a specific college, program, or school for a specific quarter. If you are applying to different colleges on a single University campus (for example, the College of Liberal Arts and the Institute of Technology), you may submit a single application, indicating the order of your choices on the application form; the colleges will consider your application in successive order. If you change your mind after applying, you

should notify the admissions office so that the application can be forwarded to the appropriate college. If you wish to apply to more than one campus of the University, you may do so by submitting a single application form to be forwarded to the different campuses in successive order or by sending separate application forms, official transcripts, and credentials examination fees to each campus.

If you wish to enter the University but think you may not qualify for admission, you should write to the Office of Admissions on the appropriate campus. Recommendations from high school principals and counselors are encouraged in these cases. See also *Admission by Examination* on page 19.

Early admission (usually after the junior year in high school), admission of nonresidents, and summer-only admission are described on pages 18-19.

Admission decisions are made with the best information available, according to criteria established by collegiate faculties. For detailed information about admission criteria, see the current bulletin of the college to which you are applying. Applicants who believe that information submitted in support of their application was inaccurate or incomplete, or who believe that the admission criteria were not applied fairly in their case, should direct an appeal to a student personnel officer in the college or program to which they sought admission. The available information and the decision will be reviewed according to procedures established for that college or program.

## Freshman Admission

High school graduates and students who have completed less than one year (39 quarter credits) of college work are eligible to enter 10 of the 27 collegiate units of the University. Colleges, campuses, and programs open to freshmen are:

- College of Agriculture
- University of Minnesota, Duluth
- College of Forestry
- General College
- College of Home Economics
- College of Liberal Arts
- University of Minnesota, Morris
- Institute of Technology
- University of Minnesota Technical College, Crookston
- University of Minnesota Technical College, Waseca

Admission requirements for these units vary; they are stated in the individual campus listings in this bulletin. (Twin Cities campus colleges are listed alphabetically beginning on page 43.) In most cases, admission is based upon high school rank percentile and/or aptitude test scores. Specific high school courses are also required for admission to some colleges.

To apply, you must submit a Minnesota College Admission form or the University of Minnesota application form enclosed in the *Introductions* viewbook, and the credentials examination fee. Forms are available from high school counselors or from any college admission office. You should complete the designated sections of the form and return it with a check or money order for the credentials examination fee to your high school counselor, who will attach a transcript and send the form and fee to the Office of Admissions. If you have attended any college or university, you should have the college(s) you attended send official transcripts of your work to the Office of Admissions.

Most freshmen entering the University must submit scores from the American College Testing (ACT) program, the Preliminary Scholastic Aptitude Test (PSAT), or the College



Board test (SAT). Exceptions include students applying to the General College and to the Crookston and Waseca campuses, who are encouraged, but not required, to submit scores from the PSAT, SAT, ACT, or School and College Abilities Test (SCAT). Early testing is encouraged; if you choose to take the ACT examination, you should register for the October or November test dates in your senior year. If you choose the PSAT or SCAT, you must take it during the Minnesota Statewide Testing Program's all-student testing period in your junior year. Fees are required for the PSAT, SAT, and ACT. More information about these tests is available from high school counselors.

Some colleges of the University require or encourage a specific distribution of high school courses, particularly in mathematics and the sciences. These are stipulated in the section on admission requirements for each college and campus. In the requirements listed, a high school unit represents one year (approximately 180 hours) of work in a subject.

## **Admission With Advanced Standing**

The University welcomes applications for advanced standing admission from students who have attempted at least one full year of transferable work at another university or college accredited by a regional accrediting association, such as the North Central Association of Colleges and Schools. Students with other kinds of educational backgrounds should contact the Office of Admissions. (Applicants with less than a year of college work should file a freshman application and high school transcript as well as college transcripts and should follow the freshman application procedures described in the preceding section.)

Candidates for baccalaureate degrees must earn at least 45 credits while in residence at the University, including at least 30 during their last year (see page 20). See individual college bulletins for graduation requirements.

A decision on advanced standing admission is based primarily on the student's previous college record. Admission standards vary according to the college or program that the student plans to enter. Applicants generally must present a grade point average of at least 2.00 (C) in all college work. Often a higher average is required, particularly for nonresident students and for those entering professional programs. For many programs, all passing work, including courses in which grades of D have been earned, will be accepted for transfer. Some colleges, however, limit the acceptance of courses in which grades of D have been earned, particularly in courses for the major. Grades and credits earned in courses transferred from other institutions are not calculated as part of a student's University grade point average. However, grades earned in courses completed at other institutions do affect admissibility to the University, and students may be required to make up grade point deficits.

## **Applying for Transfer**

To apply to most colleges and schools of the University, you should obtain an application form from any University admissions office and submit your application and all necessary credentials along with the credentials examination fee to the admissions office on the appropriate campus. Applications for the School of Dentistry, Graduate School, Law School, and Medical School should be obtained directly from those schools.

You also must request that all colleges that you have attended send official transcripts documenting all work attempted, whether satisfactorily or unsatisfactorily completed. (An official transcript is one bearing the college seal and sent directly from the college to the admissions office on the appropriate campus of the University.) Applications and transcripts should be submitted to the Office of Admissions well in advance of application deadlines. If you seek fall quarter admission to an undergraduate program, you should apply during the preceding academic year as soon as fall semester or winter quarter grades

are recorded on your official transcript. A list of courses in progress must be included with your application; when your course work is completed, you must submit an official final transcript.

Other requirements of individual colleges are listed in the college and campus sections of this bulletin.

### **Transfer Credit**

You may receive credit for course work completed at another regionally accredited institution if it is appropriate to your program here. In addition, acceptance of other kinds of course work may be allowed after individual review. Credits taken on a semester system are converted to quarter credits by multiplying the number of semester credits by 1.5. For example, a course offered for four semester credits would transfer with six quarter credits.

Transfer credits may be applied toward requirements in the major department, liberal education distribution requirements, or electives. In most cases the college office will determine how the credits will be assigned.

Credit for programs completed at certain vocational and technical schools, including all Minnesota area vocational-technical institutes, is accepted by the General College and may be applied to a University College degree in the Inter-College Program or the University Without Walls.

If you plan to enter advanced courses in areas in which you have previously completed college work, you should read the course descriptions carefully to determine the course level for which you are best suited. Advisers in the college office or appropriate department can answer questions about course content to prevent duplication of work already covered. If you are enrolled in a degree program offered by the Graduate School, you should consult the *Graduate School Bulletin* for regulations governing transfer of credit.

### **Credit by Examination**

If you believe that your knowledge of a subject is equal to that required to complete a particular course, you may apply for a credit examination in most colleges and departments. If review of your application and background leads to approval, you may make arrangements with the appropriate department or instructor to take the test. A \$30 fee is assessed for each examination taken.

Most colleges of the University participate in the College Level Examination Program sponsored by the College Entrance Examination Board. The number of credits that may be earned and the subject examinations that are recognized vary according to the college of the University in which a student is enrolled. College bulletins carry specific information about earning credit by examination.

## **Other Admission Categories**

### **Admission to the Graduate School**

A bachelor's degree or its foreign equivalent from a recognized university or college is a prerequisite for admission to the Graduate School. An applicant with the necessary background for her or his chosen major field, an excellent scholastic record, and satisfactory professional qualifications may be admitted for graduate work on recommendation of the faculty in the proposed major field and approval of the dean of the Graduate School.

For the Twin Cities campus, you must send requests for application materials to the Graduate School, 307 Johnston Hall, 101 Pleasant Street S.E., University of Minnesota, Minneapolis, Minnesota 55455; application requests for the master of business administration (M.B.A.) should be sent to the Graduate School of Management, 334 Business

Administration Building, 271 19th Avenue South, University of Minnesota, Minneapolis, Minnesota 55455. Requests should specify your proposed major field, degree objective, and entry date. For the Duluth campus, write to the Graduate School Office, Administration Building, University of Minnesota, Duluth, Minnesota 55812.

All applications for admission to Graduate School programs (except for the M.B.A. program) are submitted directly to the Graduate School. They must include an application form, official transcripts from colleges attended, a credentials examination fee, and any test results required. University admissions offices will *not* forward to the Graduate School any transcripts previously submitted in support of an undergraduate application. All materials, complete in every detail, must be received by the Graduate School by the following dates: August 15 for fall quarter; November 25 for winter quarter; February 25 for spring quarter; May 15 for summer session, first term; June 15 for summer session, second term. Deadlines that fall on a holiday or weekend are extended through the next regular workday. Many major fields have established deadlines earlier than those listed above and also require additional application and supporting materials. It is your responsibility to obtain information about those deadlines and requirements from the director of graduate studies in your proposed major or from the *Graduate School Bulletin*.

### **Admission to the Professional Schools and Colleges**

The professional schools and colleges require students to have from one to four years of preprofessional education before being accepted for admission. This preparatory work may be completed at the University of Minnesota or elsewhere. To complete it at the University of Minnesota, students must meet the entrance requirements of the college offering the preprofessional work.

The bulletins of the professional schools describe in detail the preprofessional course requirements, application procedures, and admission standards; students interested in the programs of these schools should study the appropriate bulletins and follow the curricula outlined. Preprofessional work completed at other institutions must also meet the specified requirements.

Most professional schools have early application deadlines; see the list of deadlines on pages 12-13.

### **Admission as an Adult Special Student**

Persons who want to complete individual courses or groups of courses to meet special needs may be considered for admission to University colleges as adult special students. As an adult special student, you are not a degree candidate, but you may later qualify for admission to a degree program upon college recommendation. If you are admitted to degree candidacy, credits you have earned as an adult special student will be applied to your degree program where possible. Some colleges, including the Graduate School, limit the number of adult special credits that can be transferred to a degree program. See the appropriate college bulletin for details.

Admission is completed through the Office of Admissions on the appropriate campus. Requirements for admission of nonresident undergraduate students (see below) apply as well to nonresident adult special student applicants.

Applications should be submitted well in advance of the quarter of entrance. Most colleges have not established special deadlines for adult special application. The exceptions are as follows:

- School of Management — August 15 for fall quarter, February 15 for spring quarter
- Institute of Technology — September 15 for fall quarter, December 15 for winter quarter, March 15 for spring quarter

On the Duluth and Morris campuses and in some Twin Cities campus colleges, this category is designated "special" student instead of "adult special" student.

## **Admission of Nonresidents**

The University welcomes applications for admission from non-Minnesotans who have above-average academic promise, superior high school or college records, and special interest in its programs. Nonresident freshman applicants must submit scores from the American College Testing (ACT) program, the Preliminary Scholastic Aptitude Test (PSAT), or the College Board test (SAT). The Institute of Technology has special entrance test requirements; see the IT section for details.

Nonresident applicants are considered on an individual basis by the colleges; therefore, application materials and fees should be submitted well in advance of the regular application deadline. Tuition rates are substantially higher for nonresidents; see the section on Fees in this bulletin. See also the section on Residence Regulations and Review Procedures for University policy on classification as a resident.

**Reciprocity**—Under terms of reciprocity agreements, residents of North Dakota, South Dakota, and Wisconsin may be considered for admission to public institutions in Minnesota under regular resident admission standards on a space-available basis. If you are a resident of one of these states, you are eligible to pay resident tuition rates at the University of Minnesota. Minnesota residents also may attend public institutions and pay resident tuition rates in these states under these agreements. See the section on Reciprocity, page 28, for addresses where application forms are available.

## **Enrollment in Summer Session**

Courses in the two five-week summer terms are open to all high school graduates, whether or not they have completed previous college work. Summer session students fall into two major categories: those who are beginning or continuing in University of Minnesota degree programs, and those, classified as summer-only students, who do not plan to earn degrees through the University of Minnesota. Summer-only status requires no advance application and is open to anyone not currently pursuing a degree from the University of Minnesota, including students from other colleges.

Students who plan to begin their University attendance during either summer term and continue attending during the regular academic year, or who seek degrees from the University, should apply for admission and submit credentials in the usual way before May 1. Requirements for admission in the summer session are the same as those during the regular academic year (see the appropriate section under Admission to Colleges of the University and College Curricula and Admission Standards for requirements of individual colleges).

The College of Liberal Arts, General College, School of Management, and Institute of Technology do not admit students as regular freshmen or as new advanced standing students during the summer session. However, students admissible to these colleges may register as summer-only students and later enroll as regular students in the fall. Appropriate summer credits earned in this way will count toward the degree program. Many professional schools and health sciences programs begin course sequences only in fall quarter.

To permit exploration of college level studies for which they are well prepared, outstanding high school students who are between their junior and senior years may be granted permission to take courses during the summer session. This privilege may be extended to students between their sophomore and junior years in high school only if their records are very exceptional. In almost all cases these students have completed in high school the studies available in the subject and have special interests that encourage them to undertake further study in courses available only at the college level. They must file special application forms, which are available from the Office of Admissions; they need not submit the \$10 credentials examination fee. The applications should be submitted at least two weeks before the beginning of the summer session. A recommendation from the

applicant's high school counselor or principal is required. If a high school student accepted for summer session enrolls later in a program, school, or college of the University, appropriate credits earned in the summer will count toward a degree.

At the University of Minnesota Technical College, Waseca, a full summer quarter is held. This summer quarter is equivalent to the fall, winter, or spring quarter and is 11 weeks in length. Contact the Office of Admissions and Records at Waseca for further information.

For more information about summer session enrollment, consult the *Summer Session Bulletin* for the appropriate campus.

### **Early Admission**

Outstanding students who are still attending high school but have not yet graduated may be admitted to the University, usually after their junior year. Such students must be sufficiently mature to adjust to University life and work, must have strong academic records, and must have exhausted resources available to them in their high schools for progressing toward their educational or professional goals. Comprehensive testing and letters of recommendation from the high school principal or counselor and the parents are required. Students seeking admission in the fall quarter should apply in the winter or early spring, using the regular application form and submitting the credentials examination fee. A student admitted under this plan normally does not receive a high school diploma.

### **Admission by Examination**

Non-high-school graduates who are 19 years of age or older should take high school equivalency (GED) examinations if they intend to seek admission to the University. Most people who take these examinations have been out of school for more than a year. For information about this type of admission, write to the Office of Admissions on the appropriate campus.

### **Admission With Advanced Placement**

The University offers both credit and advanced placement based on freshman applicants' scores on the Advanced Placement tests of the College Board. Interested students should arrange to take these tests through their high school. Credits earned or courses waived on the basis of test results depend on the subject area, test score, and policies of the college in which the student plans to enroll. Credit and/or placement are also granted by some colleges for scores earned through the College Level Examination Program.

### **Admission to the Senior Citizen Education Program**

Minnesota residents age 62 or older may attend University classes when space is available after tuition-paying students have been accommodated. Through the Senior Citizen Education Program, qualified people may audit courses without charge or take courses for credit for a fee of \$6 per credit. Whether students audit courses or take them for credit, they must satisfy prerequisites for the courses and pay any laboratory or materials fees.

Senior citizens need not formally apply to the University unless they wish to work toward a degree. Those interested in admission to a college should contact that college and the Office of Admissions on the appropriate campus.

For information about the Senior Citizen Education Program on most campuses, contact the Office of Admissions and Records; at Morris, contact the Office of Continuing Education and Regional Programs.

For more information on the Twin Cities campus, call, stop in at, or write to the Office of Registration, Student Records, and Scheduling, 150 Williamson Hall, 231 Pillsbury Drive S.E., University of Minnesota, Minneapolis, Minnesota 55455; (612) 376-1680.

## **Change of College Within the University**

University students wishing to transfer to another collegiate unit within the University system must meet the entrance requirements of the program they plan to enter. If you wish to change your college of enrollment, you should apply for transfer at the Office of Admissions on the campus where you are currently registered or last attended classes. That office facilitates transfers by securing clearances, reevaluating credits, and forwarding documents.

You should apply as early as possible before your expected date of transfer. The last dates full consideration of applications can be assured are July 15, November 15, and February 15 for the fall, winter, and spring quarters, respectively; some professional schools and colleges may have earlier deadlines. (See section on Application Timing.)

## **UNIVERSITY BULLETINS**

Each college, coordinate campus, and other major unit of the University has a bulletin containing admission requirements and procedures, course descriptions, degree requirements, and academic regulations. College bulletins are available for review in libraries and in counselors' offices of most Minnesota high schools and colleges; bulletins or other informational materials describing college programs are available from the Office of Admissions and Records on the appropriate campus. You may order most bulletins from the Office of Admissions and Records, 110 Williamson Hall, 231 Pillsbury Drive S.E., University of Minnesota, Minneapolis, Minnesota 55455; telephone (612) 373-2153. Requests cannot be filled unless the zip code is included in the return address.

Additions and modifications are sometimes necessary during the two-year period for which most bulletins are published. The University and collegiate governing bodies reserve the right to make these alterations without notice.

## **DEGREE REQUIREMENTS**

Degrees from the University of Minnesota are granted by the Board of Regents on recommendation of the faculty. Requirements include the following:

1. Undergraduate students must meet all course, credit, and grade average requirements of the University school, college, or division in which they are enrolled, including the all-University liberal education distribution requirements.
2. Undergraduate students must earn at least 45 credits in residence at the University of Minnesota. Of the last 45 credits earned prior to graduation, 30 credits must be awarded by this University. All credits awarded by this University, regardless of the type of instruction and regardless of the University unit through which the credits were offered, will count toward the residence credit requirement for the degree. Each University college may specify for its students a maximum or minimum number of credits in certain types of instruction that will be permitted or required for its degrees.
3. Graduate School students must meet only the academic and residence requirements of the academic departments and of the Graduate School.
4. Students must meet all financial obligations to the University.
5. Prospective graduates must file an application for the degree at least two quarters ahead of their expected commencement date. Graduates should expect a delay of approximately three months after commencement before diplomas are mailed.

## GRADING

Specific grading systems differ by campus, but each campus offers two basic grading options: Twin Cities, A-B-C-D-No Credit and Satisfactory-No Credit; Duluth, A-B-C-D-F and Pass-No Credit; Morris, A-B-C-No Record and Satisfactory-No Record; Waseca, A-B-C-No Credit and Satisfactory-No Credit; and Crookston, A-B-C-D-F and Pass-No Credit. Duluth also records plus and minus grades.

Each college specifies what courses or what proportion of courses its students may take on a particular grading system. Some colleges, for example, do not permit students to take required major or premajor courses or prerequisite courses on a Satisfactory-No Credit basis.

Instead of receiving letter grades, students may be assigned one of three registration symbols. W (withdrawal) indicates official cancellation of a course without grade. I (incomplete) indicates that work in a course must be made up before a grade will be assigned. V indicates a noncredit registration as an auditor or visitor. Twin Cities campus undergraduate students must make up grades of incomplete by the end of their next quarter in residence, or the I's will change to N's.

On the Twin cities campus, a grade point average (GPA) is computed for each student, using a 4.00 scale: A = 4.00, B = 3.00, C = 2.00, D = 1.00. The GPA is calculated by dividing the sum of all grade points earned by the sum of all credits for which the grade points were earned. This GPA is printed on the student's official transcript. N's, for which no grade points are awarded, are not computed into the University GPA, although individual colleges and programs may include N's in their calculations to determine scholastic standing and academic progress.

More complete information about grading policies and procedures appears in the quarterly *Class Schedule* and is available from advisers and in college offices. Students in the Graduate School and in professional schools should contact their college or department office and consult their college bulletin for information about grading policies that affect them.

## TRANSCRIPTS

The Office of Admissions and Records on each campus of the University maintains academic records for both current and formerly enrolled students. The official transcript of each student's record lists all courses in which the student continued enrollment beyond the second week of each quarter of classes and shows grades or registration symbols assigned for those courses. Definitions of grades and registration symbols are printed on official transcripts produced on the Twin Cities campus and also appear in the quarterly *Class Schedule*.

For a five-year period, from fall quarter 1972 to (but not including) fall quarter 1977, the University maintained a "dual transcript" system that included an operational record and an official transcript for each student. The operational record, used internally and released only to the student or to his or her college, listed all courses attempted and grades or registration symbols assigned. The official transcript, released by student request to other educational institutions, prospective employers, and other outside agencies, included only positive academic achievements. Courses in which the student received an N (no credit), an I (incomplete), or a W (withdrawal) did not appear on this transcript. Under the current system these symbols do appear on the official transcript, although a W is recorded only if a student formally cancels a class after the second week of a quarter. (Cancellations before that time remove the registration from the record.)

Students enrolled during the five-year period when the dual transcript system was in effect have two transcripts for academic work completed through second summer term 1977 and one transcript for academic work completed either before fall quarter 1972 or

after second summer term 1977. Students who began work fall quarter 1977 or after have one record, an official transcript, showing all registrations and their outcomes.

Once a student graduates from the University, her or his academic record is considered closed. Grades and grade changes for courses in which a student enrolled prior to graduation but completed after graduation will be kept on file but will not appear on the student's official record.

## Limitations on Release of Transcripts

**Access to Student Records**—Because of the federal Privacy Act (see the section on University Policies and Regulations at the end of this bulletin), telephone requests for transcripts will not be granted and grades will not be released over the phone. To request a transcript of work completed in a Minneapolis college, stop in at or write to Transcripts, Office of Registration, Student Records, and Scheduling, 155 Williamson Hall, 231 Pillsbury Drive S.E., University of Minnesota, Minneapolis, Minnesota 55455. For St. Paul colleges, contact the Office of Admissions and Records, 130 Coffey Hall, 1420 Eckles Avenue, University of Minnesota, St. Paul, Minnesota 55108. Mail requests should include your full name, University I.D. number, college, dates of enrollment, and the complete address(es) where you want the transcript(s) sent. If you are requesting more than three transcripts, send a check or money order for \$1 per each transcript over three. At the coordinate campuses, contact the Office of Admissions and Records. Your transcript will not be released to anyone without your *written* authorization and signature.

**Holds**—Students may have holds placed on their records for financial indebtedness to the University or for disciplinary or scholastic reasons. A student with a hold on her or his record may be prevented from registering or from obtaining transcripts until the hold is removed.

If a financial or disciplinary hold is placed on your records, you may neither register nor obtain copies of your transcript as long as the hold remains in effect. Financial holds may be imposed for such reasons as outstanding library fines, unpaid student loans, delinquent health service payments, more than \$1 in unpaid tuition, or overdue dormitory bills — in other words, for indebtedness to any University office or department that submits notice of a hold to the Records Office (150 Williamson Hall in Minneapolis, 130 Coffey Hall in St. Paul). Disciplinary holds may be imposed for any violation of the Student Conduct Code (see University Policies and Regulations).

An academic hold may be imposed by your college if you fail to meet the college's minimum grade point average standards or to file a program of study, as well as for other scholastic reasons. With such a hold, you may not register, but you may obtain transcripts. Holds may also be placed on the records and diplomas of degree candidates who have any outstanding debts to the University at the time of graduation. In order to receive your degree, you must be cleared of all financial obligations to the University.

You will usually be notified of an existing or impending hold by the University department or office authorizing the hold. If you do not receive such notice, you will learn of the hold when attempting to register or to obtain a transcript. Notice of any hold, including the name of the department or office where it may be cleared, appears on the Student Information Card (registration permit) distributed each quarter with registration materials.

To remove a hold from your records, you must first clear the hold with the office or department authorizing the hold. To do this, you must pay the debt owed, correct the scholastic deficiency, or be cleared by the Special Counseling Office. For most debts, you will receive a fee statement, which you will submit with payment at the Bursar's Office; you may present the *received* fee statement to the department or office that authorized the hold as evidence that the debt has been paid. This department or office must then notify the Records Office *in writing* that the hold may be removed from your records. Once the hold is removed, you may proceed with registration or obtain transcripts.

No agency outside of the University of Minnesota may impose a hold for any reason.



## TUITION AND FEES

For undergraduate residents of Minnesota living in University residence halls or private housing, total costs for three quarters range from about \$3,820 at the Waseca campus to about \$4,860 at the Twin Cities campus. Nonresidents should add at least \$1,840 for the higher tuition required of students from out of state.

Prospective students should be aware that many expenses vary with the individual and his or her program. The largest item is room and board. In the table of estimated expenses below, these room and board estimates may be too high: many students, living at home or with relatives, do not pay for room and board; others "work out" room and board costs. On the other hand, depending on tastes and special situations, the estimates may be too low.

The figures given here are the best available at the time of publication of this bulletin.

### ESTIMATED EXPENSES OF MINNESOTA RESIDENTS Fall, Winter, and Spring Quarters, 1981-82

College	Fees <sup>1</sup>	Books and Supplies <sup>2</sup>	Room and Board <sup>3</sup>	Total <sup>4</sup>
Students in College of Liberal Arts, General College, University College, and Program in Dental Hygiene .....	\$1245	\$250	\$2245	\$4860
Students in School of Management and Colleges of Agriculture, Forestry, Home Economics, and Education, .....	1345	250	2245	4960
Students in College of Biological Sciences, School of Nursing, and Institute of Technology ...	1425	250	2245	5040
Students in College of Pharmacy, Graduate School, and Department of Mortuary Science ....	1765	330	2485	5715
Students in Law School .....	1765	330	2485	5715
Students in College of Veterinary Medicine ...	2980	900 <sup>5</sup>	2485	7500
Students in Programs in Physical and Occupational Therapy, Medical Technology, and the School of Public Health .....	1575	250	2245	5190
Students in Medical School (first year) .....	2980	1200	2485	7500
Students in School of Dentistry .....	2980	900 <sup>6</sup>	2485	7500
Undergraduate students at Crookston campus ...	1110	225	1990	3850
Undergraduate students at Waseca campus..	1100	195	1830	3820
Undergraduate students at Duluth campus ...	1250	225	2100	4200
Undergraduate students at Morris campus ...	1250	225	1800	3950

<sup>1</sup>Estimates include resident tuition, student services fee, and other fees.

<sup>2</sup>Costs may vary.

<sup>3</sup>A typical double room on the Twin Cities campus, including 21 meals per week, telephone, and linen, will be approximately \$2,175 for the three-quarter 1981-82 academic year.

<sup>4</sup>Total includes estimated miscellaneous living costs and transportation expenses.

<sup>5</sup>Estimate includes \$450 for microscope.

<sup>6</sup>Estimate includes fees for use of dental instruments.

## Tuition

(Fees and policies are subject to change without notice)

The table on the following pages shows the basic tuition for each University unit. The quarter fee is based on a registration for 12 or more credits. Undergraduates taking fewer than 12 credits per quarter and most students in the Graduate School pay tuition on a per-credit basis. Tuition and fees for auditors are the same as for students registered for credit. Registration is complete when tuition and fees are paid.

**Special Nonresident Fee Exemptions**—Some students who are not eligible for University of Minnesota resident classification may nonetheless be eligible for exemption from the nonresident portion of tuition. The classes of students described below qualify for such exemption, even if they are not Minnesota residents and are not admissible as Minnesota residents to the University's colleges, schools, and programs.

*Students registered in the Graduate School and holding appointments as teaching assistants, project assistants, research assistants, teaching associates, administrative fellows, and instructors at 25 percent time or more pay Graduate School resident tuition rates. This same privilege applies to members of their immediate families registered in any school or college of the University. "Immediate family" includes spouse, children, parents, or legal guardian living in the same household as the graduate student. Nonresident undergraduate teaching assistants and nonresident undergraduate research assistants are not eligible to pay resident tuition rates.*

Resident tuition rate privileges are extended beyond the term of qualifying appointment, subject to the following rules:

The qualifying appointee must have held one of the above appointments for a minimum of three academic quarters, at 25 percent time or more, after September 15, 1969, in one of the specific positions listed above. Two summer terms will count as one academic-year quarter. The use of the privilege is extended, after completion of the qualifying three quarters of appointment, on a quarter-for-quarter basis up to a maximum of six quarters of use. The entitlement of the qualifying appointee and members of her or his immediate family to this privilege will not extend beyond three years from the termination of the last or most recent qualifying appointment.

This privilege does not apply to those holding appointments as instructors.

The following students (but not their families) are eligible to pay resident tuition rates in the college in which they are enrolled:

1. Students with baccalaureate degrees who are in postbaccalaureate professional degree programs (including doctor of pharmacy, master of public health, master of hospital administration, master of agriculture, master of education) and who are teaching assistants paid by the General Operations and Maintenance Fund and appointed at 25 percent time or more;
2. Medical and dental fellows who are registered in the Graduate School;
3. Civil service appointees working 75 percent time or more and registered in the Graduate School;
4. Residence advisers with baccalaureate degrees; and
5. Full-time faculty members on the staffs of accredited Minnesota colleges.

Full-time faculty members with the rank of instructor or above, civil service personnel eligible for faculty group insurance, certain accredited foreign diplomatic officials, and military personnel on active duty in Minnesota for reasons other than college attendance may also pay resident fees in all colleges. Immediate family members of the people in this group are also eligible for this privilege.

For a more complete list of persons eligible for nonresident tuition exemptions, see Residence Regulations and Review Procedures, under University Policies and Regulations, at the end of this bulletin. Persons for whom the provisions apply should contact the Office of Admissions and Records on their campus to make appropriate arrangements. In Minneapolis, the address is 150 Williamson Hall; in St. Paul, the address is 130 Coffey Hall.

**Other Special Fee Considerations**—Full-time faculty members who hold the Ph.D. degree may informally audit courses (with permission of the instructor and on a space-available basis) without registration or payment of fees. Should the need arise, official authorization may be obtained from the Graduate School.

Students enrolled in one college and taking work in another pay the tuition charge of their own college. Students who wish to apply credit for such work toward a degree from a college with higher fees must pay the tuition difference.

Extension Classes fees are dependent on many factors and may vary widely. Fees listed in the table are basic credit-hour fees, to which may be added other fees. For more information, see the Continuing Education and Extension bulletins.



## TUITION 1981-82<sup>1</sup>

Types of Students	1981-82 Quarter Fee		Per-Credit Fee	
	Resident	Non-Resident	Resident	Non-Resident
Students registered in the College of Liberal Arts, General College, University College, Program in Dental Hygiene, and at the Morris campus . . .	\$351	\$960	\$29.30	\$ 80.00
Students registered at the Crookston and Waseca campuses . . . . .	343	938	28.60	78.20
Lower division undergraduate students at the Duluth campus . . . . .	348	949	29.00	79.40
Upper division undergraduate students at the Duluth campus				
College of Letters and Science, School of Business and Economics . . . . .	374	1020	31.30	85.40
School of Fine Arts, College of Education, School of Social Development . . . . .	389	1065	32.60	88.90
Students registered in the Colleges of Agriculture, Education, and Forestry . . . . .	397	1085	33.20	90.70
Students registered in the College of Home Economics and School of Management . . . . .	389	1065	32.60	88.90
Students registered in the School of Nursing . . . . .	426	1163	35.70	97.30
Students registered in the College of Biological Sciences and Institute of Technology . . . . .	418	1141	34.90	95.40
Students registered in the Department of Mortuary Science and College of Pharmacy . . . . .	532	1455	44.40	121.70
Pharmacy fellow specialists, pharmacy externs . . . . .	121	121	—	—
Students registered in the Law School (semester rate) . . . . .	798	2183	66.50	181.90
Students registered in the College of Veterinary Medicine, School of Dentistry, and School of Medicine-Duluth . . . . .	916	2511	76.40	209.50
Students registered in Medical Technology, Physical or Occupational Therapy, Nurse Anesthetist Programs, and the School of Public Health				
Psychology fellow specialists . . . . .	121	121	—	—
Students registered in the Twin Cities Medical School				
1-5 credits . . . . .	229	628	—	—
6-10 credits . . . . .	458	1256	—	—
11-15 credits . . . . .	687	1883	—	—
16 credits or more . . . . .	916	2511	—	—
Post-M.D. medical fellow specialists . . . . .	121	121	—	—

<sup>1</sup>Includes public health fee—\$2.50 for full-time students or \$.21 per credit for part-time students—to support such services as building and activity inspection by environmental health and safety personnel, public health nursing, communicable disease control, and crisis counseling.

Types of Students	1981-82 Quarter Fee		Per-Credit Fee	
	Resident	Non-Resident	Resident	Non-Resident
Students registered in the Graduate School				
Graduate students not in any of the special categories listed below .....	—	—	42.50	116.50
Students in special categories				
Graduate students in clinical fields in medicine (without appointments)				
1-5 credits .....	229	628	—	—
6-10 credits .....	458	1256	—	—
11-15 credits .....	687	1883	—	—
16 credits or more .....	916	2511	—	—
Graduate students in clinical fields in dentistry or veterinary medicine (without appointments) .....	916	2511	76.40	209.50
Graduate medical or dental fellows <sup>1</sup> .....	458	458	—	—
Graduate students holding appointments as graduate assistants (25 percent time or more) .....	—	—	42.50	42.50
Students in minimum fee classifications <sup>2</sup>				
Doctoral candidates in final quarter .....	165	165	—	—
Continuous registration .....	65	65	—	—
Thesis only <sup>3</sup> .....	122	122	—	—
Examination only <sup>4</sup> .....	35	35	—	—
Evening M.B.A. program				
Twin Cities .....	—	—	60.00	60.00
Duluth .....	—	—	42.50	42.50
Managers M.B.A. program .....	\$4500 per year			
Preparatory instruction .....	\$85 per course			
Continuing Education and Extension				
Extension Classes <sup>5</sup> and Independent Study <sup>6</sup>				
1000-level courses .....	—	—	22.50	22.50
3000-level courses .....	—	—	25.50	25.50
5000-level courses .....	—	—	26.50	26.50
8000-level courses .....	—	—	40.00	40.00
Summer Session <sup>7</sup> .....	—	—	20.75	20.75

<sup>1</sup> Medical and dental fellows who have completed course work and preliminary examinations for the Ph.D. degree may pay the continuous registration tuition rate. Those who have completed course work and language requirements but not the preliminary examinations may pay the thesis-only tuition rate.

<sup>2</sup> Graduate students registered for credit pay either the minimum indicated or the per-credit rate, whichever is higher.

<sup>3</sup> For students enrolled in the Graduate School who are required to register (e.g., to satisfy requirements of an assistantship or fellowship) but who are not enrolled in courses and are not eligible for examination only or continuous registration.

<sup>4</sup> Open only to doctoral students who have completed language requirements and all course work on their officially approved doctoral programs but who have not yet passed their preliminary oral examinations. See *Graduate School Bulletin*.

<sup>5</sup> Effective fall quarter 1981.

<sup>6</sup> Effective July 1, 1981.

<sup>7</sup> For the 1981 summer terms: rates for the 1982 summer terms will not be available until spring quarter 1982.

## **Nonresident Status**

Students who have had permanent homes in Minnesota for at least one calendar year are eligible to pay resident tuition rates; most other students must pay nonresident rates. Completion of a year's stay in Minnesota does not by itself establish residence for University purposes, however; and persons who move to Minnesota and who are students may not be able to demonstrate that they qualify for residence here. Students from out-of-state who have established Minnesota residence must assume the burden of proving conclusively that they have been residents for the requisite time and that they have, in fact, established their *permanent home* in this state.

Students may lose their Minnesota residence, for University purposes, under certain circumstances. These may include employment outside of Minnesota or change of their parents' domicile to another state.

When a student's status warrants a change of classification—for either loss or establishment of residence—it is the student's responsibility to initiate action. If a student has any questions about individual classification, he or she should apply to the Office of Admissions and Records for consideration of her or his status. Reclassification requests must be made in writing. See Residence Regulations and Review Procedures in the last section of this bulletin.

## **Reciprocity**

Under the terms of reciprocity agreements with Wisconsin, North Dakota, and South Dakota, residents of these states may attend public educational institutions in Minnesota without paying nonresident tuition rates, and Minnesota residents may attend public educational institutions in those states without paying nonresident tuition rates. To be eligible, students must apply prior to each academic year they are enrolled.

Minnesota residents may obtain application forms and information from the Minnesota Higher Education Coordinating Board, Suite 901, Capitol Square Building, 550 Cedar Street, St. Paul, Minnesota 55101.

Wisconsin residents should contact the Wisconsin Higher Educational Aids Board, 150 East Gilman Street, Madison, Wisconsin 53072.

North Dakota residents may receive information by writing to the North Dakota Board of Higher Education, 10th Floor, State Capitol Building, Bismarck, North Dakota 58501.

South Dakota residents may contact the South Dakota Board of Regents, Reciprocity Program, Box 41, Brookings, South Dakota 57007.

## **Fees**

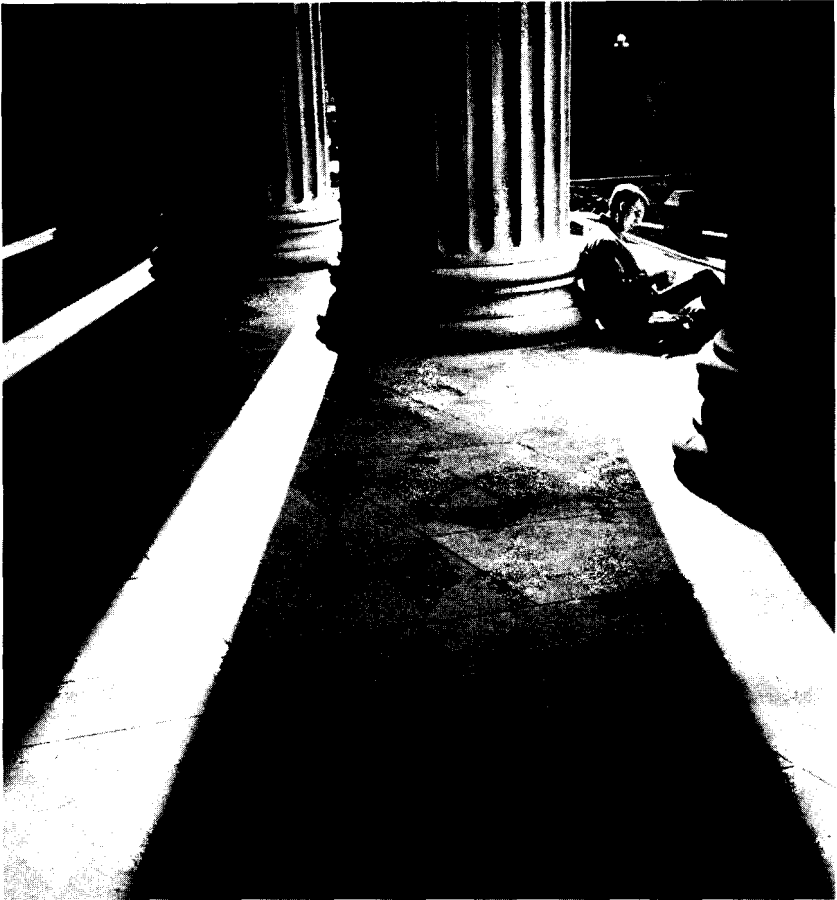
(Subject to change without notice)

### **Student Services Fee**

Nearly all students registering at the University must pay a student services fee, which provides the services listed in the fee breakdown shown below for each campus. This requirement includes all students registering in day school for six or more credits in a quarter and completing those credits within the nine-county metropolitan area (Hennepin, Ramsey, Dakota, Washington, Scott, Carver, Chisago, Anoka, and Wright counties).

Students registered in Continuing Education and Extension do not have to pay the student services fee, even if they are registered for six or more credits. Twin Cities campus students who are registered only for research or other independent work are also exempted from payment of the student services fee if the work is performed exclusively outside the Twin Cities metropolitan area. Students meeting the student services fee exemption criteria, including Continuing Education and Extension students, may elect to pay the fee if they wish to use or support the services covered by the fee.

Twin Cities campus students who have paid the student services fee may request a refund of the portion of the fee allocated to the Board of Publications. Refunds will be available at the Bursar's Office during the first two weeks only of the appropriate quarter. To obtain a refund, students must present to the Bursar the receipted copy of their paid fee statement.



Distribution of the student services fee for each campus is shown below:

### TWIN CITIES CAMPUS

\$ 2.12	— Board of Publications ( <i>Daily</i> ) <sup>1</sup>
.11	— Child Care Center
.20	— College Boards
1.35	— Consolidated Capital Improvement Fund
.26	— Cultural Programs
.08	— Elections Commission
35.00	— Boynton Health Service
.03	— Intercollegiate Debate and Forensics Program
.10	— International Reciprocal Student Exchange Program
.03	— International Student Exchange Program
.31	— International Study and Travel Center
.21	— Minnesota International Students
14.69	— Minnesota Union Operations
5.00	— Minnesota Union Expansion
.54	— Music Programs
5.13	— Recreational Sports
.11	— St. Paul Board of Colleges
.07	— Student Advocacy Service
.25	— Student Emergency Loan Fund
.24	— Student Course Information Project
.12	— Student Ombudsman Service
1.00	— Student Telecommunications Corporation
.85	— Student Government
2.50	— University Student Legal Service
<u>\$70.30</u>	— TOTAL

### DULUTH CAMPUS

\$13.60	— Health Service
10.40	— Intercollegiate Athletics
4.75	— Recreational Sports
.59	— Recreational Sports Capital Improvement
10.15	— Kirby Student Center
2.25	— Kirby Program Board
.55	— Kirby Program Board Coffee House
4.75	— Kirby Student Center Capital Improvement
.50	— Kirby Program Board Convocations and Lectures
1.10	— Music Organizations
1.00	— Theatre
1.50	— Radio WDTN
.10	— Foreign Student Development Fund
1.20	— Student Association
.15	— Student Association Loans and Grants
1.71	— <i>Statesman</i>
<u>\$54.30</u>	— TOTAL

### CROOKSTON CAMPUS

\$10.25	— Health Service
17.50	— Intercollegiate Athletics
1.75	— Intramural Sports
.25	— Student Publications
5.00	— Student Activities
1.75	— Concerts and Lectures
2.80	— Student Union
2.25	— Student Senate
.75	— Booster Club
1.00	— Clubs and Organizations
<u>\$43.30</u>	— TOTAL

Each student enrolled for nine or more credits will be assessed an \$8.50 yearbook fee that is refundable during the first three weeks of the initial quarter of enrollment each year for a maximum of two years.

### WASECA CAMPUS

\$ 2.25	— Concerts and Convocations
1.95	— Student Government
7.25	— Health Service
7.50	— Student Activities
1.70	— Ram Page
.90	— Radio KUMW
3.00	— Student Union
8.35	— Intercollegiate Athletics
4.50	— Recreational Sports
1.50	— Intercollegiate Agricultural Competition
1.00	— Career Development
<u>\$39.90</u>	— TOTAL

### MORRIS CAMPUS

\$14.42	— Cultural Events
1.92	— Student Association
2.71	— Student Newspaper
2.71	— Student FM Radio
2.15	— Minority Emphasis Program
.68	— International Student Association
.90	— Black Student Union
.45	— Women's Center
.43	— Women of Color
.41	— Native American Student Association
3.84	— Intramurals and Recreation
1.92	— Men's Intercollegiate Athletics
1.13	— Art Gallery
1.35	— Choir
1.47	— Band
.34	— Jazz Ensemble
.41	— Debate and Forensics
2.76	— Student Activities
25.00	— Health Service
<u>\$65.00</u>	— TOTAL

<sup>1</sup>Refundable during the first two weeks of the quarter.



## International Student Aid

International students (nonresident noncitizens) are required to pay \$4 per quarter to establish a fund for educational assistance. This fee is optional for resident noncitizens.

## Minnesota Public Interest Research Group (MPIRG)

MPIRG is a nonprofit, nonpartisan, student controlled corporation representing student interest in areas such as environmental quality, consumer protection, resource planning, health care delivery, occupational safety, community housing problems, racial and sexual discrimination, corporate and government agency review, and similar matters of urgent and long-range concern.

A student may decline to pay the fee (\$1.75 for the Morris and Twin Cities campuses, \$1.50 for the Duluth campus; not applicable for the Crookston and Waseca campuses) at the time of registration or may obtain a refund of the fee at a location and date that will be announced in the college newspaper.

## Special Fees

Additional fees are charged for special services as follows:

<i>Credit by Special Examination</i>	\$30.00	<i>Preparatory Courses</i>	
Such an examination may be taken only upon approval of the appropriate committee.		Per course, in lieu of tuition	\$85.00
<i>Credentials Examination Fee</i>		<i>Music Practice Fees</i>	
Undergraduate	\$10.00 <sup>1</sup>	For rental of pianos, organs, and music practice rooms. Rates are listed in the <i>Class Schedule</i> issued at registration.	
School of Dentistry, Graduate School, Law School, Medical School, and College of Veterinary Medicine (\$5.00 if previously granted or currently completing a baccalaureate degree at the University)	\$15.00	<i>Placement Service Fee</i> — required of degree candidates from:	
<i>English for Foreign Students</i>		Duluth	
See <i>Class Schedule</i> issued at registration.		\$15 — Graduating seniors	
<i>Miscellaneous Fees</i>		\$20 — Alumni	
Art	\$ 5.00	College of Education	
Biochemistry	\$ 5.00	\$15 — Senior registration fee	
Chemistry	\$20.00	\$20 — Registration fee for graduate students, alumni, and others	
Pharmacy	\$10.00	\$10 — Bulletin service fee for nonseniors	
To cover cost of materials and breakage.		Bachelor of science degree candidates from College of Education (except recreation, park, and leisure studies students) are required to register with placement section of the Education Career Development Office or to secure an official exemption from that office. Graduate students and alumni seeking employment in education positions may also use placement services.	
<i>Graduation Fee</i> (each degree)		Morris	
Including small diploma	\$12.50	\$20 — Students in the Division of Education	
Including large diploma	\$20.00	\$15 — All other students	
<i>Duplicate Diploma Fee</i>		<i>Late Registration Fee</i>	
To replace large diploma	\$12.50	Through second week of classes	\$10.00
To replace small diploma	\$10.00	Through third week of classes and thereafter	\$20.00
<i>Hospital Insurance Fee</i>		<i>Late Tuition Payment Fee</i>	\$20.00
Duluth, per quarter	to be determined	<i>Record Service Fee</i>	\$ 6.00
Twin Cities, per quarter	to be determined	This fee, duluth of all new Twin Cities, Morris, and Duluth campus students, provides three certified copies of student records.	
Required of all students taking six or more credits unless carrying equivalent hospital insurance (single coverage).		Each additional copy	\$ 1.00
<i>Microscope Rental Fee</i>	\$ 3.00	At Duluth, returning students will pay a \$6.00 fee, for fall quarter 1981 only.	
<i>Course Fees</i>			
Civil engineering summer camp; Modern Language Institute; music lessons; physical education; preparatory composition; English; mathematics; public health; rhetoric. See <i>Class Schedule</i> issued at registration.			

<sup>1</sup>This fee is scheduled to increase to \$15.00 for students applying for fall quarter 1982 and thereafter.

#### *Service Fee, International Programs*

Per term or summer, according to services provided \$100.00-\$250.00  
For international students supported under contractual arrangements with sponsoring agencies or entities requiring special administrative or management services beyond those normally provided.

#### *Speech and Hearing Clinic Fees*

See *Class Schedule* issued at registration.

*Technolog* \$1.00  
Institute of Technology students only.

*Communique* \$1.00  
School of Management students only.

*Council of Graduate Students (COGS)* \$1.00  
Required of graduate students in residence on the Twin Cities campus who pay the student services fee.

#### *Thesis Examination Fee*

For professional engineer certification \$15.00

#### *Thesis Microfilm Fee*

Ph.D. thesis \$35.00

#### *Orientation Fee (Twin Cities)*

\$8.50 required of all new students except new graduate students who attended the University, Twin Cities campus, as undergraduates, and except students in law, medicine, veterinary medicine, dentistry, and public health, and in master of education and master of agriculture programs.

## **Refunds**

If students cancel all or part of their registration before six weeks of any quarter have passed, they are entitled to a refund of tuition on the following basis: Before the quarter begins, a full refund is given. For cancellation within the first week, a 90 percent refund is given; within the second, 80; third, 70; fourth, 60; fifth, 50; sixth, 40. After the sixth week, refunds are not granted. The percentage of refund is determined according to the date the cancellation is effective. For cancellations below six credits, the student services fee will also be refunded on a prorated basis. For more details, see the *Class Schedule* issued each quarter with registration materials.

Members of reserve units activated for military service may receive full refund of tuition if they cannot complete their course work or cannot reach agreements with their instructors to complete their remaining course work.

## **FINANCIAL AIDS**

Financing a college education is a problem for many students. Personal and family resources are frequently not adequate to cover expenses, and other means of support must be found. One source of assistance is the Office of Student Financial Aid, which maintains offices on each campus of the University.

There are three general categories of financial aid offered to day-school students on a need and funds-available basis: scholarships and grants, student loans, and college work-study. The financial aid office has counselors available to provide information on alternative sources of funding.

## **Scholarships**

Scholarships for students entering any campus of the University are supported by gifts from alumni, foundations, industry, and friends of the University. All University of Minnesota undergraduate students are eligible to apply. To be considered, students must demonstrate a need for financial assistance to continue their studies. Preference is given to students who have a B average or better. Scholarships may be sought for any or all quarters of the academic year but not for summer terms.

Some scholarships have special requirements. One such scholarship is the LaVerne Noyes resident tuition scholarship. To be eligible, students must be direct blood descendants of World War I veterans still in the service six months before the armistice and must have completed two quarters of satisfactory work at the University.

Applications for financial aid are accepted throughout the year. Full-time students who apply for financial aid between January 1 and March 1 each year are given priority consideration on the basis of need, self-help, academic achievement, and progress toward a degree.

**ROTC Scholarships**—ROTC scholarships cover tuition, fees, and textbooks and provide a nontaxable allowance each month recipients attend school. High school seniors and college freshmen, sophomores, and juniors may apply for these scholarships. Recipients are selected through regional or national competitive examinations.

For further information, consult the *Army, Navy, Air Force ROTC Bulletin*.

## Grants

**Pell Grant Program**—The Pell Grant Program is a federal aid program designed to provide financial assistance to undergraduates who need it to attend post-high-school educational institutions. The maximum award granted under this program is \$1,900 minus the amount the student and his or her family are expected to contribute toward the cost of the college education. The amount of the grant is based not only on the family contribution but also on the amount of funds available for the program and on the cost of education at the institution attended; the grant cannot exceed half of the cost of education. Applications are available through high school guidance offices or financial aid offices of post-high-school educational institutions.

**Supplemental Educational Opportunity Grants**—Eligible undergraduate students with great financial need may receive these federal grants. The grants range from \$200 to \$2,000.

**Minnesota State Scholarship and Grant Program**—Funds from this program, which is administered by the state of Minnesota, are awarded to undergraduates who can demonstrate need. Need is determined by computations on the American College Testing Program Family Financial Statement application form. Any Minnesota resident may apply. The maximum award is \$1,400 per year.

## Student Loans

**National Direct Student Loans**—This federal loan program enables undergraduate students to borrow to a maximum of \$6,000. No more than \$3,000 can be borrowed during the first two years of college. Graduate students may borrow as much as \$2,500 per year, to a maximum of \$12,000. Interest at three percent is charged on the total outstanding balance beginning nine months after the borrower ceases study. Repayment begins six months after the borrower leaves school.

**The 1978 Middle Income Student Assistance Act**—Through the provisions of this act, almost all students can qualify for some kind of financial aid. More money has been made available to existing programs, and need determination has been made more liberal. For example, the Pell Grant award for recipients has increased; many financially independent students are included, as are students whose families have incomes between \$15,000 and \$25,000. In addition, the legislation eliminates the \$25,000 income eligibility ceiling for interest benefits on the Guaranteed Student Loan Program. All recipients of this loan will now receive federal interest benefits (see below).

**Guaranteed Student Loans**—These loans are made by banks, savings and loan institutions, the state of Minnesota, and other lending institutions. A student applying for this loan program should complete the special application and supplementary forms, and then submit the application materials first to the Office of Student Financial Aid for preliminary processing and then to a participating lending institution. A student should not apply for a Guaranteed Student Loan unless she or he is ineligible for other forms of assistance or unless such other assistance will be inadequate.

A borrower must be a U.S. citizen, permanent resident, or refugee from Southeast Asia or the U.S.S.R. who is pursuing an academic program (on at least a half-time basis) toward a specific degree, certificate, or other recognized educational objective. Home-study course students are not eligible.

The loan maximum for dependent undergraduates is \$2,500 per academic year and \$12,500 overall. The loan maximum for independent undergraduates is \$3,000 per academic year and \$15,000 overall. For students in graduate and professional schools, the limit is \$5,000 per academic year and \$25,000 overall. Some lenders and guarantors have lower academic year limits.

Effective January 1, 1981, the interest rate increased from 7 percent to 9 percent for first-time borrowers seeking funds for any period of schooling beginning on or after this date. Students who already have received guaranteed student loans at the old interest rate of 7 percent may continue to borrow at 7 percent. All new loans issued at the 9 percent interest rate must be repaid beginning six months after the student leaves school, with interest charged on the outstanding balance also beginning at this time. If a student also has a loan administered by the University, repayment will involve a monthly payment to both institutions.

Application materials, except for certain non-Minnesota state-affiliated programs (e.g., Wisconsin State Loan Program), are usually available at the Office of Student Financial Aid. Recommendations for guaranteed student loans, based upon the cost of attendance and other funds received, will be made by the Office of Student Financial Aid.

**University Trust Fund Loans**—Loan funds have been set up to help any student who is making normal progress toward an educational objective. The interest rate for these long-term loans varies between three and six percent simple interest, and the loan limit in most cases is \$1,000 per year. Short-term loans are also available at all campuses of the University.

## College Work-Study

This federally supported student employment program allows students to work up to 20 hours weekly while attending classes full time. This program is limited to students who have demonstrated financial need.

## Special Programs in Health-Related Fields

**Health Professions Loan**—This federal program is for students in the School of Dentistry, Medical School, College of Pharmacy, or College of Veterinary Medicine. For most students, a maximum of \$2,500 plus the cost of tuition and fees in loans is available per year, but usually awards are considerably less than this amount. Scholarships are available, on a very limited basis, to first-year students only in the amount of \$400 a month for 12 months plus tuition and fees. Both loan and scholarship recipients must demonstrate exceptional financial need. Borrowers are charged an interest rate of seven percent, and repayment of the principal will begin one year after termination of study. Repayment may be deferred up to three years for full-time active duty in the armed forces, Coast and Geodetic Survey, Public Health Service, or Peace Corps. For students pursuing advanced profes-

sional training, including internships and residencies, repayment of the principal may be deferred until the training is completed. Interest does not accrue during periods of deferment. For those who practice in a designated shortage area for at least two years, the federal government, when funds are available, will repay 60 percent of the outstanding principal and interest on loans granted for the cost of education in health professions. An additional 25 percent of the loans will be repaid for a third year of practice in such an area. (Currently, however, no federal funds are available for this program.) Other kinds of educational loans will not be repaid. A student who fails to complete health profession studies may, with the approval of Health Manpower officials, have her or his loan(s) repaid under these conditions: the student (1) is exceptionally needy, (2) is from a low-income or disadvantaged family, and (3) cannot be expected to resume studies within two years.

A limited number of National Health Service Corps scholarships are available nationally. Recipients of these scholarships are required to provide at least two years of service in a federally designated shortage area, for which they will receive a tax-free stipend of \$453 per month plus tuition and fees. Those who apply must accept the scholarship if it is awarded, or they will be charged a penalty. Applicants must write the National Health Service Corps office for application materials. Contact the financial aid office for more information on this program.

**Nursing Student Loan and Scholarship Program**—Both federal scholarships and loans are currently available for students in financial need.

## Procedures to Obtain Financial Aid

**Freshmen**—Entering freshmen from Minnesota high schools should contact their high school guidance office for application materials for all types of financial assistance available at the University: scholarships, loans, educational opportunity grants, and college work-study. (Non-Minnesota residents must write directly to the appropriate financial aid office listed below.) These applications are to be forwarded to the American College Testing Program by March 1, the deadline for priority consideration. Late applications receive lower priority for financial assistance.

Entering freshmen must apply to the programs listed below, using the American College Testing Program Family Financial Statement (ACT-FFS), if they wish to receive financial aid through the University:

Basic Educational Opportunity Grant program (BEOG)

Minnesota Higher Education Coordinating Board (HECB)—Minnesota residents only

University of Minnesota program

The University, HECB, and BEOG use the ACT-FFS as both the application and need analysis document for selecting financial aid recipients. When completing the FFS, students must indicate, using the code numbers included in the FFS packet of information, that it is to be forwarded to the HECB and the financial aid office of the campus they plan to attend.

**Presently Enrolled Students, Transfer Students**—Sophomores, juniors, seniors, and graduate students may obtain application forms and information by contacting the appropriate financial aid office.

**Information About Financial Aid Offices**—Additional information and application forms can be obtained by writing or calling the campus offices listed below. In each office, financial aid personnel and counselors are available by appointment on a full-time basis. The names of these people may be obtained by writing or phoning.

For the Twin Cities campus, general financial aid information in the form of taped messages is available by calling the DIAL system, 373-1857, and requesting tape numbers 2701, 2702, 2703, and 2704.

The addresses of the financial aid offices are:

#### TWIN CITIES CAMPUS

Office of Student Financial Aid  
210 Fraser Hall  
106 Pleasant Street S.E.  
University of Minnesota  
Minneapolis, Minnesota 55455  
(612) 376-2424

Office of Student Financial Aid  
199 Coffey Hall  
1420 Eckles Avenue  
University of Minnesota  
St. Paul, Minnesota 55108  
(612) 376-2572

#### DULUTH CAMPUS

Financial Aids Office  
104 Administration Building  
University of Minnesota  
Duluth, Minnesota 55812  
(218) 726-8581

#### MORRIS CAMPUS

Office of Financial Aid  
209 Behmler Hall  
University of Minnesota  
Morris, Minnesota 56267  
(612) 589-2116

#### CROOKSTON CAMPUS

Admissions and Financial Aid Office  
Selvig Hall  
University of Minnesota Technical College  
Crookston, Minnesota 56716  
(218) 281-6510, extension 242

#### WASECA CAMPUS

Office of Student Financial Aid  
University of Minnesota Technical College  
Waseca, Minnesota 56093  
(507) 835-1000

## Graduate Fellowships

Fellowships, awards based exclusively on academic merit, are available to new and currently enrolled graduate students. Competition is held during winter quarter for awards that become available the following fall quarter. Interested students are encouraged to contact the Graduate School Fellowship Office, 422 Johnston Hall, and individual academic departments.

## Graduate Assistantships

Assistantships are academic appointments reserved for graduate students. They are one of the means by which departments provide financial assistance for their graduate students. Responsibilities of graduate assistants include such duties as grading papers and exams, teaching classes, and conducting research.

Applications for graduate assistantships in most departments should be made by February 15 for the ensuing academic year. The applications should be submitted to the head of the department offering the appointment. Assistantship opportunities on the Twin Cities campus are posted in the Graduate Assistants Office, 411 Johnston Hall. Copies of the *Handbook for Graduate Assistants* and further information about the assistantship program are also available from this office.

## Student Employment Service

On-campus and off-campus employment opportunities for students are coordinated through a central office on each campus. To be considered for employment, you should apply in person to this office after you have enrolled and know your class schedule. You must meet a minimum enrollment requirement to be eligible for student employment. On the Twin Cities campus, the Student Employment Service, 6 Morrill Hall, Minneapolis, is the clearinghouse for all part-time employment opportunities. The Duluth campus Student Employment Office is located in 255 Administration Building. On the Morris and Crookston campuses, the Office of Financial Aid handles part-time student employment. On the Waseca campus, the Business Office accepts applications for student jobs. Summer jobs

are also available through these offices and through the College Work-Study Program. Your chances of being placed depend on your qualifications, the supply of jobs on campus and in the community, and the hours you are available for employment.

## **Social Security Assistance**

Under the Social Security Act, benefits have been extended to college students between ages 18 and 22. For further information and an application for these benefits, consult the nearest Social Security office.

## **American Indian Student Aid**

**Grants-in-Aid**—The state of Minnesota and the Federal Bureau of Indian Affairs cooperate in providing financial aid to needy American Indian students of one-fourth or more Indian ancestry for study at the University of Minnesota. American Indian students on the Twin Cities campus are invited to contact the financial aid adviser for American Indian students in the Office of Student Financial Aid and the counselor for American Indian students in the Office of Admissions.

**Tuition Exemption, Morris**—Under the terms of an original land grant, free tuition is provided for American Indian students at the University of Minnesota, Morris. To receive tuition exemption, students must have one-fourth or more Indian ancestry. They are *not* required to be residents of Minnesota. Students receiving state or federal American Indian assistance are automatically eligible for exemption from tuition payments at Morris. Others should obtain notarized certification of their American Indian ancestry and submit it with their application for admission. For more information write: Director of Admissions, University of Minnesota, Morris, Minnesota 56267.

## **VETERAN AND WAR ORPHAN INFORMATION**

### **Chapters 31, 34, 35 (G.I. Bill)**

Veterans who have served in the armed forces of the United States since January 31, 1955, may be eligible for educational benefits under the "G.I. Bill."

Counseling for veterans is available on each campus of the University. Check with the Office of Admissions or Office of Student Affairs on your campus to obtain more information.

Veterans registering under the G.I. Bill should make the appropriate office listed below their first contact with the University. These offices assist veterans and disabled veterans with matters pertaining to registration and to the interpretation of Veterans Administration regulations regarding University programs.

#### *Offices Dealing With Veterans*

- Office of Admissions, 240 Williamson Hall, Twin Cities campus/Minneapolis
- Office of Registration, Student Records, and Scheduling, Certifications, 155 Williamson Hall, Twin Cities campus/Minneapolis
- Office of Admissions and Records, 130 Coffey Hall, Twin Cities campus/St. Paul
- Business Office, Duluth campus
- Records Office, Duluth campus
- Office of Financial Aid, Morris campus
- Office of Records and Registration, Selvig Hall, Crookston campus
- Office of Admissions, Records, and Financial Aids, Waseca campus

## **Chapter 32 (New G.I. Bill)**

Persons who entered military service after December 31, 1977, may receive benefits under Chapter 32 guidelines. Under Chapter 32 the veteran contributes funds toward his or her education, and the government matches funds on a dollar-for-dollar basis.

## **Public Law 634 and 361—War Orphans**

The son or daughter of a person who died or was totally and permanently disabled by injury or disease incurred or aggravated in the line of duty in the armed forces during World War I or II or during the Korean conflict may be eligible for educational benefits under Public Law 634, the War Orphans Educational Assistance Act of 1956, and Public Law 361.

Application forms and additional information are available at the Veterans Administration; applications should be completed before classes begin. Students pay their own fees and buy their own books under the provisions of these laws. Full payments are made for undergraduates registered for 12 or more credits per quarter, and proportionate payments are made for smaller credit loads.

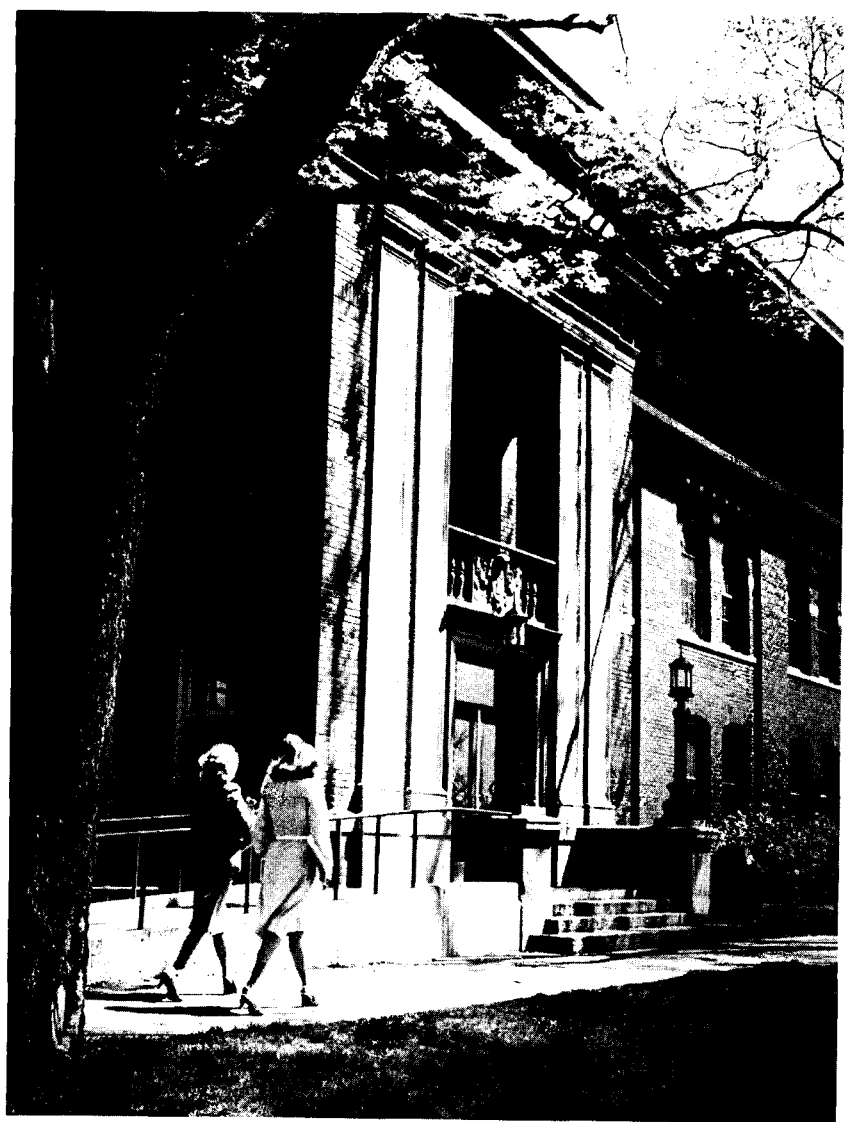
## **Application Procedures for Benefits**

To receive any of the educational benefits described above, complete the following procedures:

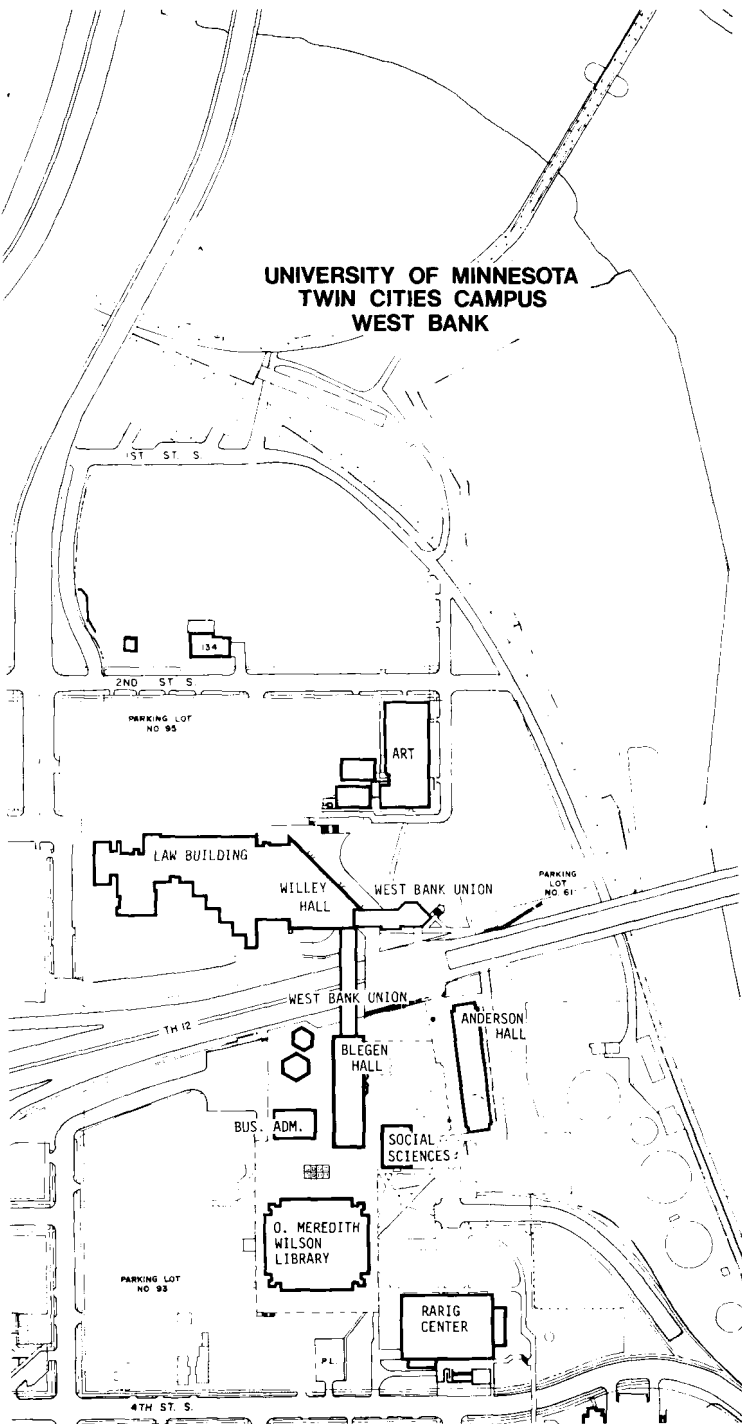
On or before the first day of your first quarter of enrollment, complete an application form at one of the offices listed above. When you receive certification of eligibility from the Veterans Administration, present the certificate and a receipted fee statement to the same office for receipt of benefits.

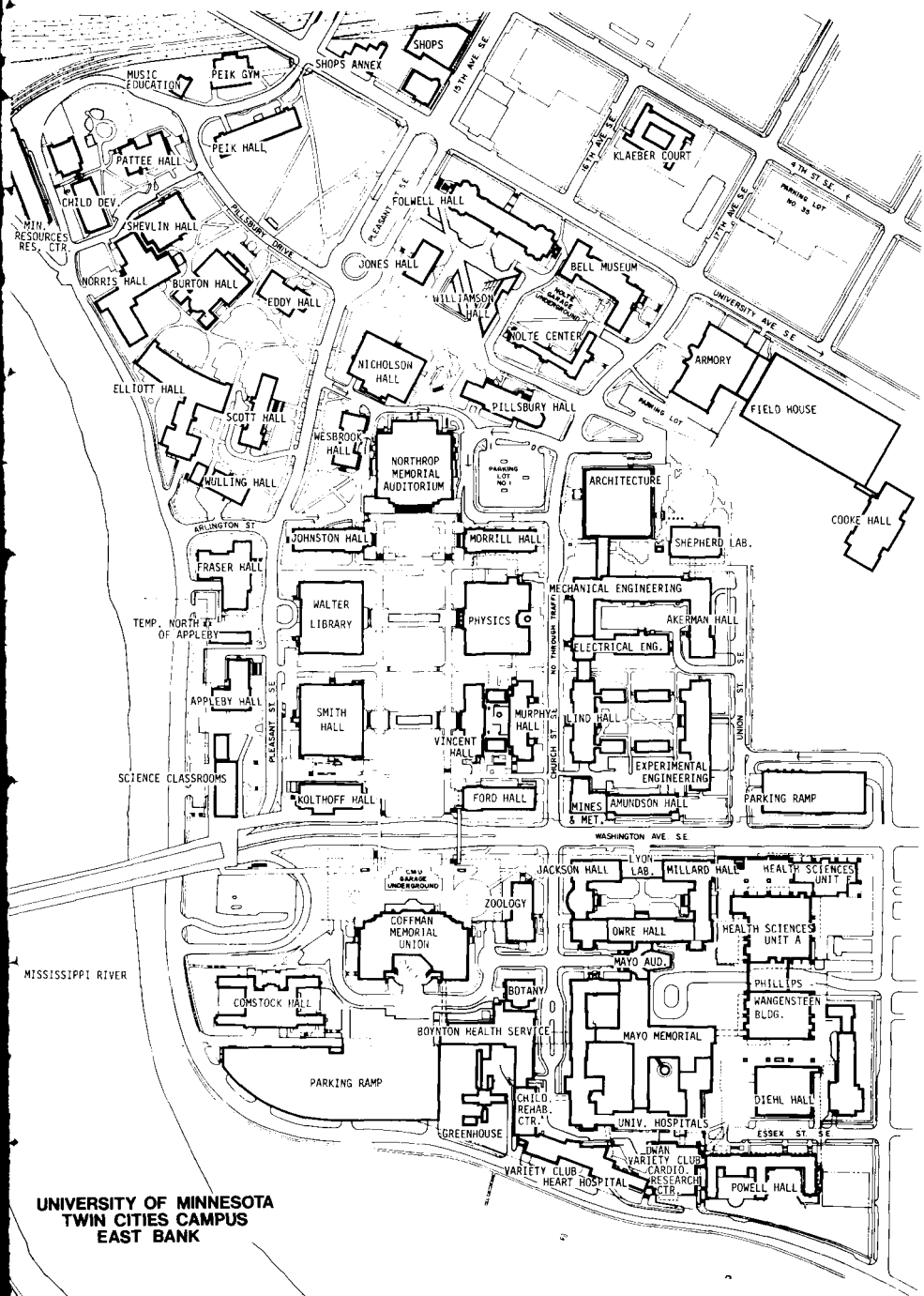
Students whose previous period of education under one of the bills was officially interrupted and who wish to resume their education will have to file a reenrollment form at one of the above addresses to notify the Veterans Administration of their intention to return to school.

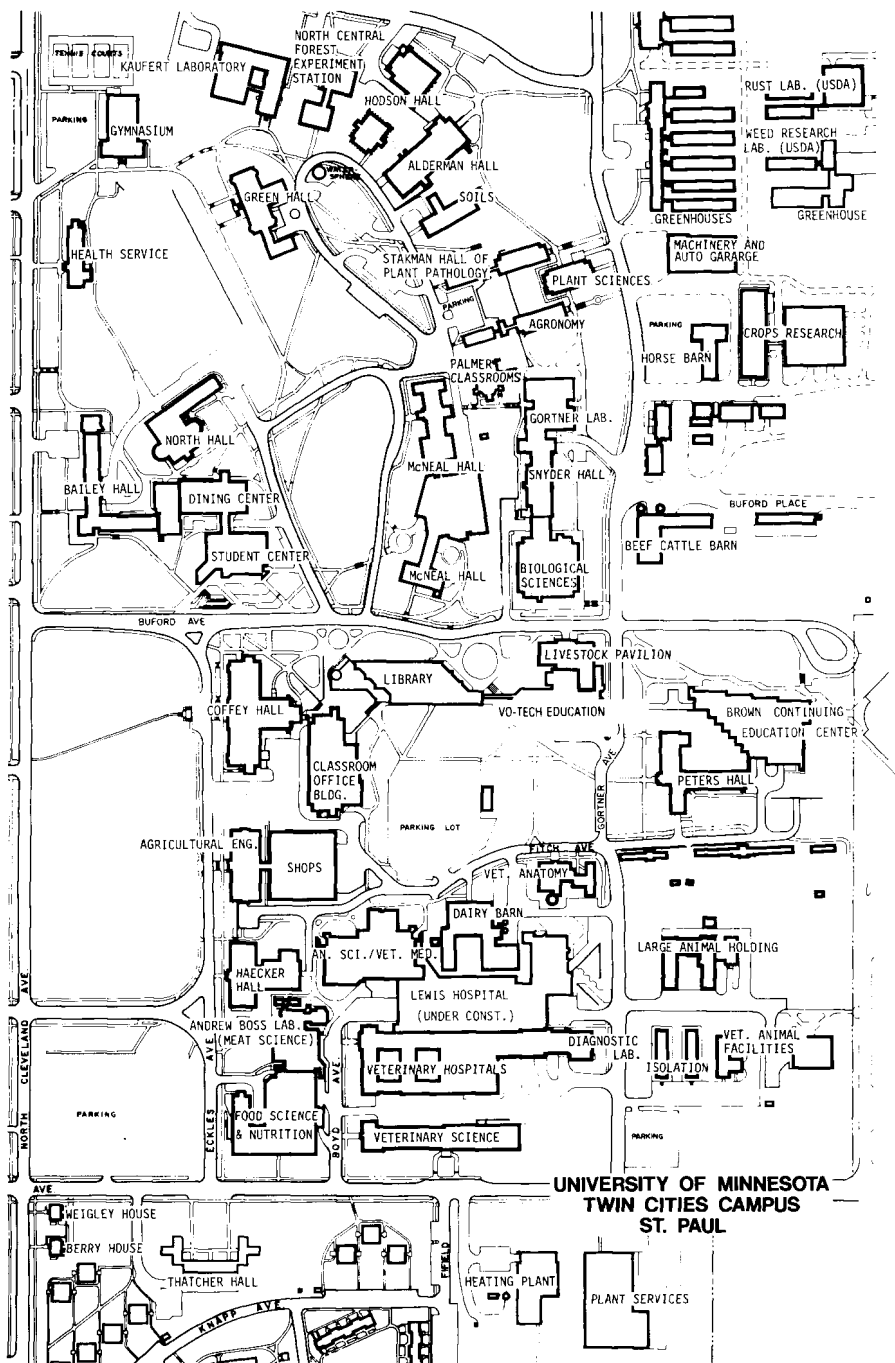




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UNIVERSITY OF MINNESOTA  
TWIN CITIES CAMPUS  
ST. PAUL

# University of Minnesota, Twin Cities

## COLLEGE CURRICULA AND ADMISSION STANDARDS

The pages that follow outline the degrees, curricula, and admission requirements of colleges on the Twin Cities campus. Some programs are open to students without previous college training; others require one or more years of college-level work before entry.

*Consult the appropriate college bulletin for details about entrance requirements, application procedures, curricula, and course descriptions.*

### College of Agriculture

The College of Agriculture, located on the Twin Cities campus/St. Paul, offers baccalaureate degree programs in a wide range of areas. The four-year curricula that lead to the bachelor of science degree are:

*Agricultural business administration* (bachelor of agricultural business administration); *agricultural science and industries* (with majors in agricultural economics, agricultural education, agricultural engineering technology, agronomy, animal science, entomology, horticulture, plant health technology, and soil science); *communication science* (with majors in agricultural journalism and technical communication); *fisheries and wildlife*; *food science and nutrition* (with programs in food science and technology, consumer food science, nutrition and dietetics, and hospitality and food service management); and *resource and community development* (with majors in economics of public services, landscape architecture [bachelor of landscape architecture], resource economics, and soil and water resource management).

**Admission From High School**—High school graduates in the upper 60 percent of their classes may enter if they have completed 12 units in grades 10-12. Nine of these units should be chosen from high school offerings in English, social studies and history, mathematics, natural science, and foreign languages. Distribution of these units should be as follows: three units in English, one unit in elementary algebra, one unit in plane geometry, one unit in higher algebra or equivalent courses, and 1 unit or more in natural science or agriculture.

**Admission of Transfer Students**—Students applying for transfer from other colleges are considered on the basis of their college work and their qualifications to enter the program to which they are applying.

### College of Biological Sciences

The programs offered by the College of Biological Sciences (CBS) are designed to prepare students for postbaccalaureate study in the biological and health sciences or for a variety of entry level positions in biology and related areas. The curricula are designed to provide a level of sophistication in biology, physical science, and the liberal arts sufficient to prepare students for a broad range of laboratory, office, or field positions with governmental agencies or industry. Graduates of CBS baccalaureate programs who seek full-time employment immediately following graduation frequently take positions as research scientists and laboratory technicians. Over half of CBS graduates elect to pursue a course of

advanced study after receiving the bachelor of science (B.S.) degree; approximately 35 percent are admitted to professional schools and 18 percent enter graduate programs. Details of follow-up studies of graduates of both B.S. and advanced degree programs are available on request in 223 Snyder Hall.

A bachelor of science degree is offered in biology, biochemistry, botany, and microbiology. Graduate programs leading to both the M.S. and Ph.D. degrees are offered in biology, biochemistry, botany, cell and developmental biology, ecology, genetics, and zoology.

**Admission Requirements**—If you are interested in the biological sciences, you should contact the college office at 223 Snyder Hall, Twin Cities campus/St. Paul (373-3648), for advice and counseling at your earliest opportunity. CBS is an upper division unit of the University; students normally enter the college at the beginning of their junior year. The first two years may be completed at the institution of your choice. The College of Liberal Arts and the College of Agriculture at the University of Minnesota both offer prebiology programs. You may apply for admission during the quarter in which you complete 84 credits. These credits must include the following or their equivalent: a course in general biology, two quarters of general chemistry, and two quarters of analytical geometry and calculus. The deadline for receipt of completed applications (including transcripts) is July 15 for fall quarter (students are encouraged to apply by May 15 to allow participation in annual program planning); October 15 for winter quarter; and February 15 for spring quarter.

Course work in the biological sciences is based on sound preparation in the mathematical and physical sciences as well as on a broad background in the liberal arts. During your freshman and sophomore years, you should concentrate on physical sciences and mathematics rather than taking more courses in biology than are needed to make a decision concerning a major.

For more information, consult the bulletins of the College of Biological Sciences, Lake Itasca Biology Session, and Graduate School. For information about alternative programs in related areas, consult the bulletins of the College of Liberal Arts, College of Education, College of Agriculture, College of Forestry, and Graduate Programs in the Health Sciences.

## Program in Dental Hygiene

This program consists of two academic years of study in the School of Dentistry after prerequisites are completed. The degree of graduate dental hygienist (G.D.H.) is granted upon completion of the prescribed course of study. Upon receipt of the G.D.H. degree, the graduate must obtain a license to practice by passing a regional and national board examination. Dental hygiene graduates may provide preventive dental hygiene services or dental health education services in public schools, health departments, hospitals, industrial institutions, and private dental offices.

To qualify for admission to the G.D.H. program, you should be in the upper 25 percent of your high school class. A high school transcript with PSAT, SAT, or ACT scores and your Dental Hygiene Aptitude Test score must be submitted with your application. Any other required application materials will be sent to you after your application is received. High school chemistry or its equivalent and the following college courses are required for entry: Biol 1011, General Biology; Comp 1001 and 1002, Introductory Composition; Anat 1004, Elementary Anatomy; Psy 1001, General Psychology; Soc 1001, Introduction to Sociology; and Spch 1101, Fundamentals of Speech Communication: Oral Communication. To apply to the program with advanced standing, you should have at least a 2.00 (C) grade point average. Applications for the G.D.H. program are accepted through April 15 of each year.

Graduates of the G.D.H. program or other accredited dental hygiene programs may apply for entry to the bachelor's degree program in dental hygiene, which offers majors in dental hygiene education or dental hygiene public health. Applicants must be licensed as



dental hygienists, have a minimum grade point average of 2.50 (C+), and present national and state/regional examination scores. A high school transcript with PSAT and/or ACT scores must be submitted with each application. Application deadline for this program is June 15.

## School of Dentistry

The program in dentistry for the D.D.S. degree admits a beginning class once a year in the fall. A B.S. degree is granted to students who have satisfactorily completed three years of pre dental liberal arts study and two years of dentistry and who satisfy the requirements for a bachelor's degree established by the All-University Council on Liberal Education. The D.D.S. degree is granted after successful completion of a four-year professional curriculum.

**Admission**—A minimum of 135 credits from an accredited liberal arts college is required. The minimum scholastic average necessary for consideration is C. Admission is determined on a competitive basis, however, and an average well above C is usually necessary for admission.

**Required Courses and Credits**—The following pre dental requirements must be completed prior to admission. The science courses must include laboratory instruction.

1. English—12 credits in basic English in such areas as composition, literature, etymology, speech, or literature courses in humanities.
2. Mathematics—Background at least through college algebra as demonstrated by college validation or credit: Math 1111 or 1201. For graduate work beyond the D.D.S. degree, additional credits in higher mathematics and the sciences are recommended.
3. General Chemistry—12 credits: Chem 1004-1005-1006 or 1004-1005 and 3100-3101.
4. Organic Chemistry—10 credits: Chem 3301-3302 and 3305-3306.
5. Biology—10 credits. Two quarters of biology or 1 quarter each of biology and zoology: Biol 1011, Biol 1106, or Biol 3011.
6. Physics—10 credits. Calculus-based physics should be taken by students who plan advanced work in dentistry. Phys 1031-1032 or 1104-1105-1106.
7. Psychology—5 credits: Psy 1001.

Required courses must be completed by the end of the academic year prior to the fall of enrollment. Students who take such courses in the summer preceding fall admission will not be admitted for fall quarter.

Only under unusual circumstances will S credits be accepted for required courses. It is expected that S credits in elective courses will not exceed 10 percent (of 135 credits) for three-year applicants and 15 percent (of 180 credits) for four-year applicants. It must be emphasized that incomplete grades are looked upon with disfavor by the Admissions Committee. Also, any incomplete grades and any withdrawal grades in excess of one per year of academic study must be explained in the application.

**Admission Test**—The required Dental Admission Test (DAT) is given two times a year, in April and October. It is wise to take the test soon after required science courses are completed; it must be taken no later than October in the academic year prior to the fall of requested enrollment. Although the test generally measures aptitudes rather than special knowledge, a review of biology, general chemistry, and organic chemistry is advisable. Application forms for the DAT may be obtained from the Office of Admissions, 240 Williamson Hall, from the School of Dentistry, and from 30 Johnston Hall.

All candidates must take the Minnesota Multiphasic Personality Inventory (MMPI) and the Strong-Campbell Interest Inventory (SCII). Instructions for taking these tests will be sent to applicants after their initial application is received through the American Association of Dental Schools Application Service (AADSAS).

**Residence Requirements**—First priority is given to Minnesota residents, second to residents of neighboring states that do not have dental schools, and third to other nonresidents who have acceptable reasons for attending the University's School of Dentistry. Nonresidents are accepted only if their scholarship and other qualifications indicate unusual promise.

Further information about application procedures, admission, qualifications, and related matters may be obtained from the CLA Health Sciences Advising office, 30 Johnston Hall; the School of Dentistry office, 15-106 Health Sciences Unit A; or the *School of Dentistry Bulletin*.

**Continuation Study Program**—The School of Dentistry regularly offers a series of continuation courses in dentistry, dental assisting, and dental hygiene. These courses are intended to meet the needs of members of the profession for material not normally covered in the undergraduate curriculum and for information on new developments in research, clinical procedures, and concepts. Sessions usually are three days to one week in duration. Some courses include clinical practice. Special brochures listing courses, dates offered, and costs are available to those requesting that their names be placed on the mailing list. Inquiries should be mailed to Director, Department of Continuing Education, 6-406 Health Sciences Unit A, 515 Delaware Street S.E., University of Minnesota, Minneapolis, Minnesota 55455.

## College of Education

The College of Education offers programs leading to the bachelor of science, master of education, master of arts, doctor of education, and doctor of philosophy degrees, and the specialist certificate. The college administers the bachelor of science and master of education programs. The Graduate School administers other advanced degree programs offered in the college.

Master of education degrees, involving a fifth year of professional study, are offered in a variety of fields. Information about these degrees, which are intended to meet the continuing education needs of practitioners, is available in the departmental offices of the college or through the Education Career Development Office, 1425 University Avenue S.E., Minneapolis, Minnesota 55414.

All fields admit students for initial enrollment in the fall quarter. Each field may accept additional applicants either for winter or for spring quarter. If you wish to transfer in midyear, you should obtain current information about transfer to your major field of interest. Applications for fall admission to elementary and recreation, park, and leisure studies programs should be received by the Office of Admissions in early spring; applications for other programs should be filed early in the regular quarter preceding the one for which you seek admission. The college has been able to accept most qualified applicants. Minority and disadvantaged students who are seeking careers in education are encouraged to apply.

The College of Education does not admit freshmen. Depending on their intended major, students must complete either one or two years of college-level course work before enrolling in the college.

Students who wish to prepare for teaching in art education, business education, distributive education, industrial education, physical education, recreation, park, and leisure studies education, and vocational-industrial education register in the College of Liberal Arts for one year before transferring to the College of Education.



Students wishing to major in dance with an emphasis in either dance education or dance performance will register in the College of Liberal Arts for one year before applying for transfer to the College of Education.

Students wishing to become elementary or kindergarten teachers complete a two-year preparatory curriculum in the College of Liberal Arts before applying for transfer to the College of Education.

Students wishing to major in music or music therapy, school health education, or a secondary academic field register for their first two years in the College of Liberal Arts, where they complete the required prerequisite courses for their chosen academic majors as well as work in general education. When they have almost completed this preparatory study, students apply for transfer to the College of Education.

Majors in agricultural education and home economics education register in the College of Agriculture or the College of Home Economics for their first two years of work and then enter a combined program with the College of Education leading to the bachelor's degree.

## College of Forestry

The College of Forestry, located on the Twin Cities campus/St. Paul, awards both undergraduate and graduate degrees. Bachelor's degrees are offered in forest products, forest resources, forest science, and recreation resource management. Forest products areas of specialization include: marketing, production management, pulp and paper, residential housing, and wood science and technology. Forest resources elective cores are: ecosystems and silviculture, forest management, management and administration, measurement and information systems, urban forestry, and wood utilization. The two specializations within forest science are natural science and social and managerial sciences.

Undergraduate students in the forest resources curriculum participate in the 3½-week Itasca Forestry Session, scheduled for late August through early September, immediately preceding the sophomore or junior year, and the Cloquet Forestry Session, scheduled for fall quarter of the senior year. They also take a one-day field trip to southeastern Minnesota. Forest products students are offered a one-week tour of the lake states' industrial firms during spring quarter break. The lake states include Minnesota, Michigan, and Wisconsin.

At the graduate level, the master of science (M.S.), master of forestry (M.F.), and doctor of philosophy (Ph.D.) degrees are offered. These degrees are awarded by the Graduate School.

**Admission Requirements**—Students seeking admission to the College of Forestry must successfully complete courses in English, science, and mathematics and present qualifying test scores, as follows:

1. Course Requirements
  - a. Three units of English.
  - b. Three units of mathematics, including elementary and higher algebra and geometry. A course in trigonometry is recommended.
  - c. One unit of natural science; more are recommended.
2. Academic Standards

Applications will be evaluated using the following criteria. Admission may be based on scores on either the Preliminary Scholastic Aptitude Test (PSAT), Scholastic Aptitude Test (SAT), or American College Testing (ACT) program, in combination with high school rank percentile (HSR).

- HSR percentile + PSAT Verbal + PSAT Math
- HSR percentile + (SAT Verbal + SAT Math) ÷ 10

Applicants with scores of 140 or higher will be admitted routinely, provided they meet the course requirements. Applications not meeting the minimum score will be reviewed on an individual basis.

- HSR percentile + 2 ACT Composite Score

Applicants with scores of 100 or higher will be admitted routinely, provided they meet the course requirements. Applications not meeting the minimum score will be reviewed on an individual basis.

A student not immediately admissible is encouraged to apply for transfer after one or more years of satisfactory course work in another college, such as a community college, a private liberal arts college, a state university, or another college within the University of Minnesota system. Students who initially enter another college, expecting to transfer later to the College of Forestry, should consult with the counselors of that college prior to their initial registration to assure the transfer status of all courses successfully completed.

## General College

The General College (GC) is the University's open-admission, credit-based general education college. GC offers two-year and four-year degree programs for students who wish to combine general education course work with career-related studies, seek one of the college's career development certificates, or fulfill general education requirements necessary for transfer to a four-year technical or professional school or liberal arts program by completing courses not available elsewhere at the University.

In many cases, credit is granted for study at other institutions or for work experience. Career development programs are offered in aging studies, aviation studies, fire service, human services, law enforcement and corrections, legal assisting, marketing, radiologic technology, and vocational teacher education. Internships are available in business settings through the cooperative education program, and in political or government settings through the community service internship program.

The General College offers a two-year associate in arts (A.A.) degree program and two four-year degree programs, the bachelor of general studies (B.G.S.) and bachelor of applied studies (B.A.S.). The four-year degree programs are individually designed by students with their faculty advisers.

The A.A. degree program requires completion of 90 credits and satisfactory performance on a comprehensive examination. The B.G.S. and B.A.S. degree programs require completion of at least 180 credits, distributed according to General College and all-University requirements for baccalaureate degrees, and a senior report. Admission to either of the baccalaureate programs requires an A.A. degree or its equivalent. Students wishing to enroll in one of the baccalaureate programs should inquire at the General College registration center for information about submitting a program proposal.

Many special student support services are available in the General College. The Counseling and Student Development Division provides career and personal counseling, help with educational planning, and interest and personality testing. The Consolidated HELP Center offers tutorial, counseling, advocacy, and other kinds of assistance, including the administration of some grant programs, to low-income, minority, and disadvantaged students. Academic tutoring is also available in the Mathematics Skills Program and in the Reading and Writing Skills Center. A special program, Commanding English, is open to students whose native language is not English.

**Admission Requirements**—The General College is open to any resident of Minnesota who has a high school diploma or its equivalent and for whom its courses, programs, and services are appropriate. Applicants should submit ACT, PSAT, or SCAT test scores. High school students generally take these tests in their junior year, and their scores are

usually entered on their high school transcripts. Non-high-school graduates or high school graduates who have not taken college entrance examinations may take one of these tests at a local high school or through the University's admissions office. Such applicants are considered individually.

## Graduate School

Persons who hold a bachelor's degree or its foreign equivalent from a recognized college or university may apply for admission to the Graduate School for work leading to the master's, Ph.D. (doctor of philosophy), Ed.D. (doctor of education), and D.M.A. (doctor of musical arts) degrees. The Graduate School also offers the specialist certificate in a number of fields. See the *Graduate School Bulletin* for the requirements in the many areas in which advanced degrees are offered.

Graduate programs leading to the master's degree in several disciplines and to the specialist certificate in educational administration are also available at Duluth (see the section on the University of Minnesota, Duluth).

Requests for application materials for all graduate programs on the Twin Cities campus, except for the M.B.A. program, must be sent to the Graduate School, 307 Johnston Hall, 101 Pleasant Street S.E., University of Minnesota, Minneapolis, Minnesota 55455; all requests should specify the proposed major field, degree objective, and entry date. On the Duluth campus, application materials may be obtained by writing the Graduate School, Administration Building, University of Minnesota, Duluth, Minnesota 55812.

Inquiries about postbaccalaureate programs not administered by the Graduate School (e.g., master of education, master of public health, and doctor of veterinary medicine) should be addressed to the college offering the program, not to the Graduate School.

## College of Home Economics

The College of Home Economics, located on the Twin Cities campus/St. Paul, offers baccalaureate degree programs in a wide range of areas—from those rooted in the natural sciences to those in business, art, or the social sciences. The four-year curricula that lead to the B.S. degree are: consumer food science; costume design; family relationships; food science and technology; general design; general home economics; hospitality and food service management; housing; interior design; nutrition and dietetics; retail merchandising; textiles and clothing. A bachelor's degree is offered jointly by the College of Home Economics and the College of Education in home economics education, with options in consumer homemaking, family living, and occupational education (food service, child care, and textiles and clothing).

**Admission Requirements**—High school graduates in the upper 50 percent of their classes may enter if they have completed 12 units in grades 10-12. Nine of these should be chosen from high school offerings in English, social studies and history, mathematics, natural science, and foreign languages. Distribution of these units should be as follows: three units in English, one unit in elementary algebra, one unit in plane geometry, and one unit in higher algebra or equivalent courses. ACT or PSAT scores must be submitted. If you wish to apply but do not meet these specific requirements, you are encouraged to consult with the director of student services for individual consideration.

## Law School

The program leading to the J.D. (juris doctor) degree requires three academic years of full-time Law School study. The curriculum has been developed to provide the basic preparation required for the practice of law, the teaching of law, and legal research. Curricular emphasis is on the history, principles, and purposes of legal institutions and the operation of these institutions in the modern world, as well as on the skills of legal craftsmanship.

Admission to the Law School requires a bachelor of arts degree or its equivalent. The Law School does not recommend a particular prelaw course of study. Although many law students major in economics, history, or political science, other majors also provide good background for law study and practice. The law faculty views any course of study that helps develop clear and systematic thinking as sound preparation for the study of law. The experience of the admission officers is that an applicant's undergraduate grade record and Law School Admission Test score are the primary indicators of likely success in law school.

## College of Liberal Arts

CLA students combine work in the humanities, the fine arts, the social sciences, and the natural sciences with fields of specialization in the more than 50 departments, programs, and professional schools of the college.

**Degrees**—Five four-year degrees can be earned in CLA: bachelor of arts, bachelor of fine arts, bachelor of music, bachelor of science, and bachelor of individualized studies degrees. There is also a two-year associate in liberal arts degree.

*Bachelor of Arts*—This program, the one most often selected by CLA degree candidates, combines general education with major work in one or sometimes several of the areas listed below. The B.A. degree requires second language study (either intensive study of the language itself or a program combining language study with related culture and civilization courses). Majors are available in the following areas:

African studies; Afro-American studies; American Indian studies; American studies; ancient Near Eastern studies; anthropology; Arabic language and literature; architecture; art history; biology; biometry; chemistry; Chicano studies; child psychology; Chinese; classical civilization; computer science; East Asian studies; economics; English; Finnish; French; geography; geology; German; Greek; Greek-Latin; Hebrew; history; humanities; international relations; Italian; Japanese; Jewish studies; journalism-mass communication; Latin; Latin American studies; linguistics; mathematics; microbiology; Middle Eastern and Islamic studies; music; philosophy; physics; physiology; political science; psychology; religious studies; Russian; Scandinavian; social welfare; sociology; South Asian studies; Spanish; Spanish-Portuguese; speech-communication; statistics; studio arts; theatre arts; preparation for theological study; urban studies; women's studies.

Minors in many of the above areas are available to B.A. candidates who wish to complete an area of concentration outside their major. Courses but not majors are available in a number of other fields including comparative literature, history of science and technology, the Reserve Officers' Training Corps, and interdisciplinary areas.

*Bachelor of Fine Arts*—This degree is designed for qualified students who want professional preparation for careers in art or theatre. The program combines broad background and specific concentration to prepare students for work as practicing artists, professionals, or teachers in community or commercial theatre. Review by a department B.F.A. committee is required prior to formal admission to a degree program.

*Bachelor of Music*—The bachelor of music is the nationally accepted professional degree preparation in music, and it replaces the B.F.A. degree in music that was formerly offered. (The B.A. degree in music is for students interested in greater breadth of liberal arts study.) The B.M. degree is offered in various performance areas and in composition and theory. Freshmen and transfer students are screened at the time of entry; an additional evaluation takes place at the end of the sophomore year.

*Bachelor of Science*—This degree allows greater concentration in the major area than is possible in the B.A. program. B.S. programs are available in economics, geography, social work, sociology, speech and hearing science, and urban studies.

**Bachelor of Individualized Studies**—This degree is designed to allow greater student initiative and flexibility than are possible in the more traditional bachelor's degree. To earn this degree, a student will propose an individualized program of studies based on his or her personal academic objectives. At least two faculty advisers will evaluate and approve the proposal. Applicants must complete at least 39 quarter credits to be eligible for consideration and must complete at least 90 credits after admission.

**Associate in Liberal Arts**—This degree minimally requires completion of 90 CLA credits in six or seven quarters at the University, with distribution of courses among the fields of study that contribute to a liberal education. Hundreds of freshman and sophomore courses are available for selection.

**Interdepartmental Programs, Cross-Disciplinary Studies, and Special Opportunities**—Students whose needs are not met by traditional majors may plan interdepartmental programs or enter the B.I.S. degree program described above. These programs, individually designed to meet personal needs, integrate work from various areas. The Office for Interdepartmental Majors and Programs and the B.I.S. degree program office are located in B-18 Johnston Hall.

The Office for Special Learning Opportunities (B-18 Johnston Hall) provides assistance with various types of independent study, including field learning; the foreign studies adviser (1246 Social Sciences Building) assists with study abroad. Internships related to career plans are coordinated by the college's Career Development Office (345 Fraser Hall).

**Preprofessional and Combined Programs**—The Schools of Management, Medicine, Law, Dentistry, and Nursing and the Colleges of Biological Sciences, Education, and Pharmacy require students to complete one to four years of basic liberal education before admission to their professional programs. Liberal arts preparatory work is also required for programs in medical technology, occupational and physical therapy, and mortuary science. Students may complete these requirements in the College of Liberal Arts.

Preparation for entering Graduate School is offered in the major fields named in the bachelor of arts listing above.

Students who transfer to professional schools and colleges within the University without completing their bachelor's degree in CLA may continue to work toward and earn degrees from the college while registered in their professional programs, completing both the professional degree and the B.A. or the B.S. from CLA.

**Honors Programs**—Among honors opportunities offered by the college for highly motivated students with strong academic records are special advisers, honors sections and courses, honors colloquia and seminars, independent study, and admission to advanced courses. Enrollment in the Honors Program is required for graduation with the traditional honors designations cum laude, magna cum laude, and summa cum laude. Qualified entering freshmen are invited to apply to the Honors Program, 115 Johnston Hall, for honors work; top-ranking high school seniors may initiate their own inquiries. Transfer students must present half of their credits with a grade of A to be eligible.

**Admission From High School**—Candidates with less than a year of college experience must present PSAT or ACT scores and high school diplomas. Usually those in the top 50 percent on a score combining high school rank and test performance will be considered favorably. Those with lower scores may be admitted when other factors indicate probable success in college. Students with a high school rank at or above the 90th percentile are automatically admissible, without test scores.

Applicants should complete 12 units in the final three years of high school: three in English; two in mathematics (including one in plane geometry); two in either social studies and history, natural science, or foreign language; two more in the subjects just listed; and

three in those or other subjects. Appropriate mathematics and second language courses completed before 10th grade may be counted toward these subject requirements, but they are not counted among the 12 units required in the final three years.

Those who plan college programs in mathematics, business, or medical and other sciences are urged to complete as much high school mathematics as they can. Those who seek B.A. degrees are advised to complete three or more years of one foreign language in high school to work toward meeting the second language requirement.

Well-qualified students may be admitted without meeting these specific unit requirements.

**Admission of Transfer Students**—Students applying for transfer from other colleges are considered on the basis of the quality of their college work. Students not admissible directly out of high school may apply for transfer after completing a year or more of acceptable work at another college. Those with degrees from Minnesota community colleges are automatically admissible.

Credits of D are accepted only to a limited extent and under special circumstances.

## School of Management

The School of Management offers academic course work in preparation for positions of responsibility in business. Emphasis in the bachelor's degree curriculum is on fundamental principles of business operation rather than specialization in current practices.

The school offers the final two years of what is normally a four-year undergraduate program. Admission is based on satisfactory completion of a two-year prebusiness program. The minimum grade point average required for consideration for admission to the programs is 2.70. As part of the two-year prebusiness program, students should complete course work necessary to fulfill the liberal education distribution requirements specified by the school. In addition, they must complete specified courses in accounting, mathematics, economics, and statistics before applying to the B.S.B. program. Proficiency in their business-related prerequisites should be demonstrated by a grade point average close to 2.70.

Two degree programs are offered by the school: bachelor of science in business-regular and bachelor of science in business-accounting. The bachelor of science in business-regular program (B.S.B.-Regular) includes a core of courses in economics, marketing, finance, management, management information systems, and operations management. During the senior year a student may take elective courses to provide depth within business areas of personal interest. Business areas include accounting; business, government and society; business law; finance; industrial relations; management; management information systems; marketing; operations management; quantitative analysis; risk management and insurance; and transportation and business logistics. The bachelor of science in business-accounting program (B.S.B.-Accounting) includes the same core courses but provides substantial depth in various areas of accounting theory and practice. All course work for either of the B.S.B. programs may be taken in either day or evening classes.

Professional programs at the graduate level include the master of business administration, the master of business taxation, the master of arts in industrial relations, and doctoral programs in business administration and industrial relations. These and other graduate programs are offered by the Graduate School of the University.

## Medical School

**Course in Medicine**—This program of study, leading to the degree of doctor of medicine (M.D.), is designed to provide basic preparation for specialization or other advanced postgraduate training. The course requires at least four years of preparatory college work and three or four years in the Medical School.



The Admissions Committee gives preference to candidates with broad and strong undergraduate preparation. A thorough general education is of great value in the development of a physician, and the equivalent of four academic years of liberal arts preparation, with a B.A. or B.S. degree program, is the minimum requirement for admission to the course in medicine. In addition to the *Medical School Bulletin*, students interested in medicine are encouraged to consult the annual *Admission Requirements* publication of the Association of American Medical Colleges and to contact the counseling personnel in the Medical School office, 3-100 Owre Hall.

**Program in Medical Technology**—This course, requiring four years of study and leading to a B.S. degree, is designed to provide basic preparation for work in clinical and research laboratory procedures used in hospitals, clinics, and physicians' offices, and for teaching in training programs for medical technologists.

After two years in the preprofessional program in the College of Liberal Arts, a student must apply for admission to the professional program in the Division of Medical Technology to complete the requirements in advanced science courses and clinical experience in hematology, microbiology, blood banking procedures, and chemical analyses of blood and other body fluids.

This course is approved by the Committee on Allied Health Education and Accreditation of the American Medical Association. Graduates are eligible for certification by national certifying agencies and for membership in the American Society for Medical Technologists.

**Physical Therapy Course**—Graduates of this four-year bachelor of science curriculum will be qualified, as physical therapists, to assess treatment needs and develop therapeutic procedures to maintain, improve, or restore the functional capacities of people whose health is impaired or threatened by disease or injury. Methods of assessment include tests to assist in diagnosis and to determine the degree of impairment of relevant functions such as muscle strength, motor development, respiratory efficiency, and activities of daily living. Therapeutic procedures include exercises for increasing strength, endurance, coordination, and range of motion; stimuli to facilitate motor activity and motor learning; and application of physical agents such as heat or cold.

Prior to completing the required two years of CLA work, the student must apply to enter the professional program in the Medical School, Department of Physical Medicine and Rehabilitation. Professional courses include theory and application of physical therapy procedures as well as 4½ months of clinical experience in physical therapy departments affiliated with the University. The program is approved by the American Physical Therapy Association and the American Medical Association. Graduates are eligible for registration with the Minnesota State Board of Medical Examiners and membership in the national professional organization.

**Occupational Therapy Course**—In collaboration with other health professionals, graduates of this curriculum are qualified to develop therapeutic activities to be used in the treatment and rehabilitation of persons with physical or emotional disabilities. To qualify for the program, applicants should be able to work closely with people, think creatively, and define problems and develop workable and constructive solutions; they also should be interested in the biological sciences, psychology, medical sciences, and applied arts. Therapists work in rehabilitation centers, psychiatric hospitals, children's hospitals, general hospitals, schools, and other community-based and health-oriented programs. Students complete the first two years of this program in the College of Liberal Arts or at any approved college offering the necessary courses. During their second year, they apply for transfer to the professional program in the Department of Physical Medicine and Rehabilitation of the Medical School. The professional program includes additional basic sciences, courses on medical and psychological conditions, and study of the theory and technique of occupational therapy treatment. The program requires 4¼ years, the last 6 months of which are spent in fieldwork experience at an approved hospital or community center. The course leads to a B.S. degree and is approved by the Council on Medical Education of the American Medical Association and by the American Occupational Therapy Association.

**Continuation Study Program**—A number of postgraduate courses are offered by the Medical School to give physicians and their associates in allied health fields the opportunity to keep abreast of the latest developments in their professions.

The courses, which last from one day to two weeks, are administered by the Department of Conferences of the Division of Continuing Education and Extension and by the executive director of the Office of Postgraduate Educational Activities. The courses include continuation study opportunities for general practitioners and specialists in the areas of pediatrics, dermatology, radiology, ophthalmology, otolaryngology, obstetrics and gynecology, psychiatry, neurology, internal medicine, proctology, surgery, anesthesiology, and other medical subjects. Courses are also available in hospital administration, medical technology, dietetics, public health, and nursing education.

## Department of Mortuary Science

The Department of Mortuary Science (a division of the health sciences) offers a curriculum leading to a bachelor of science degree with a major in mortuary science. To be considered for admission to the bachelor of science degree program, a student must have completed 90 quarter credits with grades of A, B, C, or S including required and elective courses as outlined in the mortuary science section of the bulletin for baccalaureate programs in the health sciences. The student may transfer from the College of Liberal Arts or an accredited college.

The College of Education offers a master of education degree program in school health education for mortuary science students. Minimum requirements for admission to this program include a bachelor's degree and completion of a course in mortuary science accredited by the American Board of Funeral Service Education, completion of an internship, and licensure to practice funeral service. The program is designed to prepare graduates to teach at the college level in funeral service schools.

For further information, write to the Department of Mortuary Science or consult departmental advisers in the Mortuary Science office, 114 Vincent Hall (telephone 612-373-3870).

## School of Nursing

**Baccalaureate Program**—Students in the professional nursing program must successfully complete 180 credits of college study to earn the degree of bachelor of science in nursing. The program offers preparation for the practice of professional nursing in entry-level positions and is fully accredited by state and national accrediting agencies, including those in the public health field.

High school graduates and graduates of diploma or associate degree programs in nursing are admitted for baccalaureate study. The first three quarters (one academic year) of study in this program may be taken in the College of Liberal Arts of the University or at any approved college offering the necessary courses. After admission to the School of Nursing, students concurrently pursue general and professional education. In general, nursing courses taken elsewhere will not be accepted toward specific requirements for this degree.

For specific information, see the bulletin for baccalaureate programs in the health sciences, or contact the School of Nursing, 5-150 Health Sciences Unit F, 308 Harvard Street S.E., University of Minnesota, Minneapolis, Minnesota 55455.

**Master of Science Program in Nursing**—A Plan B master's program is offered by the Graduate School. The program requires students to pursue a core of nursing courses and focus courses selected from the following clinical and/or functional areas: childbearing-childrearing nursing, medical-surgical nursing, nurse midwifery, psychiatric-mental health nursing, nursing education, and nursing management. Completion of the program usually



requires four to six quarters of study. Plan A is also available. It requires major field courses, related field or minor courses, and a thesis. Further information is available from the School of Nursing.

## College of Pharmacy

The doctor of pharmacy (Pharm.D.) degree program offered at the University of Minnesota provides the optimal preparation for entry-level pharmacy practice. The goal of the Pharm.D. program is to prepare clinical therapeutic specialists with an interest in patient care to practice in settings requiring expertise in patient drug use. Before beginning this four-year program of professional study, students must complete two years of preprofessional course work in the College of Liberal Arts or the equivalent at another accredited college.

The optional bachelor of science (B.S.) program requires three years of professional study, preceded by two years of preprofessional study in a college of liberal arts. This degree is the minimum requirement for eligibility for state licensure to practice pharmacy.

Applications should be filed between October 15 and April 15 of the academic year prior to the fall quarter the applicant desires to enroll in the College of Pharmacy. Applicants are evaluated on the bases of prior academic and personal achievement, letters of recommendation, a personal goals statement, PCAT standardized test scores, and oral and written communication skills. All entry-level applicants must take the Pharmacy College Admission Test in November or February prior to the April 15 deadline. Information about this test is included in the application materials. Applicants who have completed the fourth year of a five-year pharmacy degree program or who have received a bachelor of science in pharmacy degree may apply to the Pharm.D. program for admission with advanced standing to complete the last two years of professional studies. Applications for advanced standing must be received by December 31 for admission to the program the following fall quarter.

Resident applicants who have a grade average of B or above and who meet all other prerequisites are likely to be admitted. All applicants are considered individually.

## Hubert H. Humphrey Institute of Public Affairs

The Hubert H. Humphrey Institute of Public Affairs was founded in 1977 to serve as a living memorial to Hubert Humphrey, late United States senator from Minnesota and vice president under Lyndon Johnson, and to reflect a commitment to the ideals that shaped his public life. Working within the University of Minnesota with many disciplines and professions, and outside the University with diverse people and institutions, the institute offers programs integrating policy analysis, midcareer education for leadership, and training of younger students for roles in the policy process—with students, midcareer leaders, and policy researchers working together on real problems.

Two master's degree programs are offered by the institute through the Graduate School: the master of arts (M.A.) and the master of planning (M.P.). The programs train students for careers in public service. The core curriculum stresses the interdependence of systems, of functions, and of nations; understanding of political and social processes that frame public problems; development of technical skills for analyzing policy issues; and first-hand experience through internships and policy workshops. The institute offers policy specializations in human services, energy and technology, economic and community development, environment and natural resources, and urban land use. Joint degree programs with the Law School, the School of Social Work, the Department of Political Science, and the Program in Hospital and Health Care Administration are also available.

**Admission Criteria**—Applicants seeking admission to the graduate programs should be able to demonstrate aptitude for analytical work in the social sciences. The core curriculum in policy process, policy analysis, and quantitative methods requires some knowledge of American government, intermediate-level microeconomics, and the rudiments of statistical inference. Applicants lacking this background may be admitted with the understanding that they will complete their deficiencies after admission to a graduate program. Applicants must submit to the Humphrey Institute of Public Affairs letters of reference from three persons qualified to discuss and evaluate their aptitude for successful graduate study in public affairs, and a statement of purpose that explains their academic and professional objectives and relates these to the program of the institute. Also, applicants (except those applying from a foreign country) must submit the results of the Graduate Record Examination aptitude test.

## School of Public Health

The School of Public Health offers primarily advanced courses for specialists in various health disciplines. Although the School of Public Health awards no undergraduate degrees, a number of these courses are open to undergraduates. An undergraduate major in biometry is available through the College of Liberal Arts. Undergraduates may also incorporate public health courses into programs administered by other colleges of the University. A bachelor's degree with a concentration in public health may be earned through the Intercollege Program of University College. A bachelor's degree program for chemical dependency professionals sponsored jointly with the University Without Walls program of the University College is also available.

**Certificate Programs**—The Alcohol and Drug Counseling Education Program is offered in the evening through the University's Continuing Education and Extension division. The program is designed to train chemical dependency professionals in the basics of alcoholism, drug abuse, and counseling and to provide continuing education for helping professionals such as clergy and law enforcement officers. Course work may be taken as a part of a bachelor's degree program in either the University College's Inter-College Program or the General College or through special arrangements with other colleges of the University.

Certificate programs are also available for adult nurse practitioners and pediatric nurse associates. The Adult Nurse Practitioner Program is a three-quarter program offered at various locations throughout the state to prepare nurses to provide primary care to adults in collaboration with physicians in local communities. The Pediatric Nurse Associate Program is a postbaccalaureate program offered on campus and at outstate locations as a three-quarter sequence to prepare nurses to provide primary ambulatory child health care.

The clinical psychology internship is a one-year certificate program designed to allow doctoral students in clinical psychology to complete the one year of full-time training required for professional practice in this field. The internship emphasizes development of skills in psychological assessment, intervention, and consultation in health care settings.

**Graduate and Professional Programs**—Two advanced degrees for public health professionals are awarded by the School of Public Health: the master of public health (M.P.H.) and the master of hospital administration (M.H.A.). Completing the requirements for these degrees may take one or two years, depending upon prior education and experience and upon the academic requirements of the program of study.

The academic degrees M.S. and Ph.D are offered in several programs through the Graduate School. Students interested in these degrees should apply directly to the Graduate School.

Training stipends for suitably qualified professional or academic degree students may be available through the School of Public Health.

Graduate degrees are awarded in the following areas of study:

**Biometry**—Biometry is the study of the analytical and quantitative aspects of biology, medicine, public health, and health care systems. The master of public health (M.P.H.) degree program includes basic courses in public health and biometry with studies in areas such as biomedical statistics, health computer sciences, demography, and health statistics.

The M.S. and Ph.D. degrees with a major in biometry and health information systems are offered through the Graduate School.

**Dental Public Health**—This M.P.H. program is designed to prepare qualified dentists and dental hygienists for responsible involvement and leadership in the dental health care system, with an emphasis on its relationship to total community health. Concentrations include dental health education, dental insurance, dental H.M.O.'s, oral epidemiology, preventive dentistry, and dental administration. Graduates may work in health centers, health agencies, educational institutions, and research centers.

**Environmental Health**—A year or more of graduate study in environmental health leading to the M.P.H. degree is open to graduates in engineering, medicine, or science (usually biology, chemistry, or physics) with suitable experience and an interest in environmental control or public health programs. Qualified students with or without prior experience may also work toward M.S. or Ph.D. degrees in environmental health. Several areas of specialization, including occupational health and safety and environmental biology and microbiology, are available.

**Epidemiology**—Students with adequate background in the biological and physical sciences may work toward an M.S. or M.P.H. in epidemiology. Depending upon academic interests and career objectives, a variety of areas of concentration are available to qualified students. Some of the areas of concentration are: the epidemiology of cancer, the epidemiology of infectious diseases, the epidemiology of reproductive outcomes, nutritional epidemiology, psychiatric epidemiology, occupational and environmental epidemiology, and epidemiologic approaches to health services research and evaluation. Specialized training leading to the Ph.D. degree is available to qualified graduates in medicine, dentistry, and veterinary medicine. Other students with demonstrated competence in investigative work may also be admitted.

**Health Education**—An M.P.H. program focusing on the concepts and principles of public health education is open to persons with an adequate background in the social and biological sciences. The course of study normally requires two years. Four areas of specialization are offered, including health education in the family and community and health education in the workplace. A non-degree work-study program is also available for educators in health care institutions.

**Hospital and Health Care Administration**—Qualified college graduates seeking a master of hospital administration degree follow a 24-month program of study, which includes an administrative residency. Areas of specialization include mental health administration, clinic administration, long-term care administration, corporate planning, and administration of health maintenance organizations. Most programs combine fieldwork and course work. Joint degree programs are offered with the Hubert H. Humphrey Institute of Public Affairs and the Graduate School of Management. A limited number of qualified applicants may be eligible for part-time enrollment. Qualified students may continue their studies toward a Ph.D. degree.

The alternative studies program in hospital and health care administration offers continuing education for graduates of the master's studies program and others who have not had professional training at the graduate level. Included in the alternative studies program are independent study offerings for hospital, long-term care, mental health, nursing, and patient care administrators who are employed full time, and for trustees of health care institutions. Students who complete the independent study programs receive a credential of advanced study. They may apply the credits earned toward an M.H.A. or M.P.H. degree upon acceptance by one of these programs.

**Interdisciplinary Studies**—This M.P.H. or M.S. degree program is designed especially to meet the highly individualized needs of public health and other human services personnel whose professional duties or career goals do not readily conform to a single professional field or program of study in public health. The program is also intended to help meet the needs of students in new public health service careers or in other fields with expanding community health potential for whom other relevant study is not available. *Admission is limited to applicants who can clearly demonstrate that their career needs cannot be met adequately except through an interdisciplinary studies program.*

Since the curriculum depends on the needs of the individual student, program length varies, but a minimum of 15 months and 55 credits is required.

**Physical and Occupational Therapy**—This concentration, leading to either an M.P.H. or M.S. degree, is designed for experienced, professionally qualified physical and occupational therapy graduates who are interested in careers in public health or other community agencies. The course of study normally covers five academic quarters, beginning in fall and extending through the following summer session and fall quarter.

**Public Health Social Work**—The School of Public Health, in cooperation with the School of Social Work, Minneapolis, and the School of Social Development, Duluth, offers this joint, integrated program of study for both the M.P.H. and the M.S.W. degree. This interdisciplinary program is designed for experienced social workers currently employed in or desiring employment in public health or related community health systems or agencies. Tracks or emphases available within the program include such areas as mental health, chemical dependency, maternal and child health, health education, public health administration and planning, chronic disease and aging, human services, and other areas of individual need or interest.

The combined program is three years (nine academic quarters) in length. A minimum of 55 credits are applicable to the M.P.H. degree. Of the 55 credits, up to 18 credits may be applied also to the M.S.W. degree (these credits are applied to both degrees). Some fieldwork experiences as well as selected courses in any of the three participating schools may also be applied to both degrees.

**Interdisciplinary Concentration in Services Related to Alcohol and Drug Problems**—Master's degree students from a variety of disciplines and backgrounds may concentrate on alcohol and drug problems and chemical dependency. Areas of special interest include the administration of services, facilities, or programs; the planning and evaluation of community or treatment programs; or involvement in school- or industry-based prevention/intervention programs. Other combinations, including tracks for graduate students in other departments, also may be developed.

**Maternal and Child Health**—Physicians, dentists, social workers (M.S.W. level), nurses (master's level), and other professionals interested in working in community health programs for children, youth, parents, and families may enroll in an individually designed course of study leading to an M.P.H. degree. The 11-month course includes field experiences in addition to course work.

**Physiological Hygiene**—University graduates with an adequate background in biological and health sciences or qualified graduate physicians interested in careers in research or preventive medicine may become candidates for M.P.H. and Ph.D. degrees in physiological hygiene or applied physiology. The program includes course work in nutrition and preventive medicine, laboratory and field experience in epidemiological studies and community prevention programs, and direct research training and participation.

**Public Health Administration**—This program, leading to an M.S. or M.P.H. degree, is designed to prepare individuals for planning and administrative positions in public and community health programs and agencies. The program focuses on the role of the health

agency and the health administrator within the total public health environment. Areas of concentration include planning, management, financial management, evaluation, public policy, management information systems, and public health law. The program ranges from a minimum of 1 year to a maximum of 23 months of full-time study, depending upon the applicant's prior public health-related education and work experience. Part-time study is also available.

**Public Health Nursing**—This two-year interdisciplinary program for graduates of baccalaureate programs in nursing leads to either the M.P.H. or M.S. degree. It is designed to advance students' knowledge and skills in nursing practice so that they may provide leadership and quality care in the delivery of human services. Students may choose one of five subspecialty areas: adult nurse practitioner, pediatric nurse practitioner, maternal child health/public health nursing, occupational health nursing, nursing administration, or specialties in public health.

**Public Health Nutrition**—Students with an academic background in nutrition and/or dietetics may be admitted to a 12-month program leading to an M.P.H. degree. Individuals with specific career goals may concentrate course work and field experience in maternal and child nutrition, nutrition and behavior, or nutrition education or administration. Prior experience in public health nutrition or other health programs is highly desirable. Registration or eligibility for registration as a dietitian is a prerequisite for admission.

**Veterinary Public Health**—Specialized training for veterinarians leading to an M.P.H. degree is offered in cooperation with the faculty of the College of Veterinary Medicine. Special areas of emphasis include epidemiology, environmental health, food hygiene, preventive medicine, and administration.

## Institute of Technology

The Institute of Technology (IT) awards both undergraduate and graduate degrees. Bachelor's degrees are offered in aerospace engineering and mechanics, agricultural engineering, architecture, astrophysics, chemical engineering, chemistry, civil engineering, computer science, electrical engineering, environmental design, geo-engineering, geology, geophysics, landscape architecture, mathematics, mechanical engineering (with an industrial engineering option), metallurgical engineering, mining engineering, physics, and statistics. Most undergraduate programs are four-year curricula. The bachelor of architecture is a five-year curriculum in IT or a six-year curriculum in cooperation with the College of Liberal Arts. The bachelor of landscape architecture is a five-year program.

IT students with special interests may plan interdisciplinary programs, in such areas as acoustics and bioengineering, to satisfy their individual needs. In these programs, students combine course work from several departments.

Engineering intern programs are available in aerospace engineering and mechanics, agricultural engineering, chemical engineering, civil engineering, mechanical engineering, and electrical engineering, providing practical work experience in conjunction with regular classes and laboratory work. Students in the intern curriculum alternate quarters of on-campus course work with job assignments in industry for a 12-month period. While working as interns, students are paid at regular rates by the company.

At the graduate level, IT awards the master of engineering (M.E.) degree in all of the engineering curricula. One calendar year long, the M.E. curriculum involves specialized course work in design and requires an extensive design project. The program focuses on applying knowledge of the engineering, physical, and social sciences to adapt materials and power sources for human uses—objectives completely different from those of the research-oriented M.S. degree, which is offered through the Graduate School.

**Admission Requirements**—Students planning to enter the Institute of Technology must complete the requirements below.

**A. Freshman Application**

**1. Course Requirements**

- a. Four years of English.
- b. Four years of mathematics completed in grades 9-12, including the following topics: beginning and intermediate algebra, trigonometry, and geometry of two and three dimensions.

2. Admission to IT will be offered to the best qualified of those who apply by April 1 (for fall quarter admission). Decisions will be based upon an IT Aptitude Rating (ITAR) computation and grades in mathematics, science, and English. The ITAR score is calculated using the Preliminary Scholastic Aptitude Test (PSAT) or College Board Test (SAT) mathematics score or the American College Testing (ACT) program mathematics and natural science scores.

ITAR = High school rank percentile plus four times the PSAT mathematics standard score.

ITAR = High school rank percentile plus two times the ACT mathematics and two times the ACT natural science standard scores.

3. To be considered for admission, a student should have an ITAR (PSAT) of at least 280. Students with an ITAR (PSAT) above 320 have an excellent chance of being admitted. A student should have an ITAR (ACT) of at least 180 to be considered. Students with an ITAR (ACT) above 200 have an excellent chance of being admitted. Applications of students received after April 1 will be considered on a space-available basis.

- B. Early Admissions**—IT will recognize excellent academic performance by admitting any high school applicant who has completed the junior year of high school, has a high school rank at the 95th percentile or above, has a GPA of 3.60 or above, and has completed mathematics through higher algebra. A few students may wish to begin part-time or full-time studies in IT in the fall quarter following completion of their junior year of high school. These students must have both parental consent and concurrence of the appropriate high school authorities. Special orientation, advising, and curricular programs will be available to these students.

- C. Advanced Standing Applications (Transfers)**—Students planning to transfer to IT from a state, community, or private college should be pursuing a lower division engineering, science, or pre-architecture program at these schools. Students planning to transfer to IT will find that it is relatively easy to receive transfer credit for completed course work when they have planned carefully to schedule courses equivalent to those required in IT programs.

Admission will be offered to the best qualified of those who apply by April 1. Selection is based upon the grade point average and on grades in science and mathematics. Since demand for some IT programs greatly exceeds available places, applicants should indicate three majors in order of preference. Changes in requirements are under consideration. Check with the Institute of Technology prior to application.

- D. Architecture**—Architecture applications are considered by the School of Architecture and Landscape Architecture. Procedures and requirements are outlined in the *Institute of Technology Bulletin*.



## University College

University College offers programs that provide flexibility in degree planning to students whose needs are not met by other programs of the University.

The Inter-College Program (213 Temporary, North of Appleby, 376-1253), founded in 1930, is a student-designed, credit-based alternative to traditionally structured degree programs. It allows students to design 180-credit intercollegiate or interdisciplinary programs suited to their individual objectives. There is no fixed curriculum; a student may draw upon the resources of the entire University for courses to complete a program leading to a B.A. or B.S. degree. To be considered for admission, an applicant must have completed at least 80 credits of college work, at least 9 of them in the upper division and 15 of them at the University of Minnesota. In addition, he or she must present a carefully conceived statement of objectives and a proposed course list. Students generally spend from three weeks to several months planning their degree programs, a process which also requires meetings with ICP program advisers and University faculty advisers.

University Without Walls, based on the Twin Cities campus (201 Westbrook Hall, 373-3919) and the Morris campus (236 Community Services Building, 589-2211), serves self-directed students with clear educational goals who wish to use both University and community resources to develop and carry out individualized degree programs. Many UWW students are unable to participate in traditional programs because of job or family responsibilities, distance from campus, physical handicaps, or similar situations; others cannot pursue their chosen field of study through an existing program. To gain admission to UWW, an applicant must demonstrate the ability to plan and carry out a self-designed degree program. A program can incorporate a variety of learning resources, including University classes, independent study projects, and community-related learning activities. Experiences prior to admission that might qualify as college-level learning can be evaluated for application toward the degree. Rather than earning credits, UWW students receive written evaluations of their work on a narrative transcript. A student is granted either a B.A. or B.S. degree following approval by a graduation committee and the director of the college.

The University Scholars Program (317 Walter Library, telephone 373-4638) allows a student and a faculty adviser the flexibility to construct a baccalaureate degree program based on individually tailored learning experiences. To be eligible, a student must have completed two years of college work and must be nominated by a faculty sponsor who agrees to serve as the student's primary adviser in the program. The contract-based program may include independent study, travel, community work, and internships as well as traditional classroom instructions.

The Foreign Studies Program (1246 Social Science, telephone 373-2691) allows students with majors in University of Minnesota Twin Cities campus undergraduate colleges to integrate an international study experience into their educational programs. Work may be recognized as a minor in the College of Liberal Arts and as a specialization in other colleges. The program emphasizes preparing the student for the foreign study experience and helping him or her to integrate that experience into a course of study at the University of Minnesota. Interested students should contact the Foreign Studies Program well in advance of their planned international study.

Undergraduate independent study through UC 3075 offers the opportunity for students to pursue projects that go beyond the scope of any single department or college of the University. Projects are interdisciplinary in nature or are completed in departments that do not offer undergraduate independent study courses for nonmajors. Students may register for 3 to 15 credits of UC 3075. They must obtain permission from their college office, secure a faculty monitor, and complete an independent study contract prior to registering. Information is available from the Inter-College Program office.

Information about any of the above programs may be obtained from University College, 317 Walter Library, 117 Pleasant Street S.E., University of Minnesota, Minneapolis, Minnesota 55455; telephone (612) 373-4638.

## **College of Veterinary Medicine**

**Veterinary Medicine Program**—This program, leading to the doctor of veterinary medicine (D.V.M.) degree, provides the education and training necessary for the practice of veterinary medicine and for careers in animal disease control, laboratory animal medicine, public health, research, zoo animal medicine, and related fields. The D.V.M. program requires at least three years of preparatory college work and four years of study in the professional program of the College of Veterinary Medicine.

Students interested in veterinary medicine may write to the Office of Admissions and Records, 130 Coffey Hall, 1420 Eckles Avenue, University of Minnesota, St. Paul, Minnesota 55108, or to the Office of Academic Affairs and Research, College of Veterinary Medicine, 1971 Commonwealth Avenue, University of Minnesota, St. Paul, Minnesota 55108 for information on entrance requirements, recommended courses, the procedure for applying for admission, and data on the previous year's applicants. Students may take their preprofessional program at any accredited institution which offers the required courses. A student advising service is available at the College of Veterinary Medicine, 301 Veterinary Science, St. Paul (telephone 612-376-3886).

**Continuation Study Program**—A series of postgraduate courses and programs is offered to help veterinarians keep abreast of changes in veterinary medicine. The program is administered by the Director of Continuing Education, College of Veterinary Medicine, 1971 Commonwealth Avenue, University of Minnesota, St. Paul, Minnesota 55108. Veterinarians can contact this office to have their names placed on a mailing list for distribution of program announcements.

## **OTHER STUDY OPPORTUNITIES AT THE UNIVERSITY**

### **Center for Youth Development and Research**

An interdisciplinary unit of the University of Minnesota, the Center for Youth Development and Research brings together knowledge and skills from various disciplines and professions in a variety of educational experiences for persons seeking to better understand and work with young people between the approximate ages of 12 and 21. It attempts to bridge the gap between theory and practice for those working directly with young people, for program administrators, and for policy makers.

The center offers teaching programs at the undergraduate and graduate levels and in continuing education. Staff members are also available on request for consultation on program development and evaluation and on staff training for youth-serving agencies. Applied and basic research with wide distribution of findings is another of the continuing responsibilities of the center.

The center also offers a resource service at its offices in 48 McNeal Hall, 1985 Buford Avenue, University of Minnesota, St. Paul, Minnesota 55108 (telephone 376-7624).

### **Continuing Education and Extension**

**Continuing Education**—In all fields of academic inquiry encompassed by the University, opportunities for continuing education study with or without credit are offered at both undergraduate and postbaccalaureate levels. Information and referral to the appropriate office are available from the Office of the Dean, Continuing Education and Extension, 150 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-3900).



**Extension Classes for Adult or Special Publics**—Evening and weekend classes are available on the Twin Cities, Duluth, and Morris campuses, at centers in Minneapolis, St. Paul, and the metropolitan suburbs, at Rochester, and at other communities in the state. They are college level, carry resident credit, and include many of the regular University subjects as well as special topics designed to meet specific needs or interests. There are no general admission requirements; courses are open to anyone who, through education, experience, or maturity, is able to perform college work. There are specific requirements, however, for admission to University degree programs, some of which can be completed entirely through extension course work. Address inquiries to: Department of Extension Classes, 170 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-3195).

**Extension Independent (Correspondence) Study**—High school, college, and general courses are offered through home study, often combined with radio or television, and may be used for University degrees or certificates or for occupational or personal interests. Limitations on the amount of degree credit allowed for independent work vary with the program concerned. Correspondence courses may be started at any time and are open to anyone, no matter where he or she lives. Address inquiries to: Department of Independent Study, 25 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-3256).

**Counseling**—Counseling and advising services are offered without fee to present or prospective extension students. Questions about procedures for working toward educational objectives through extension study should be directed to the Counseling Office, 314 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-3905).

**Conferences**—This department develops and offers short courses, seminars, and conferences at an advanced level in professional, business, industrial, and other fields. Conferences and seminars may last from a few days to several weeks. They may be held on the campus or elsewhere. Address inquiries to: Department of Conferences, 131 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-3151).

**Directory**—Departments and programs of Continuing Education and Extension include the following:

- Administration, Office of the Dean, 150 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-3900)
- Arts, Continuing Education in the, 320 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-4947)
- Audiovisual Library Service, 3300 University Avenue S.E., University of Minnesota, Minneapolis, MN 55414 (373-3764)
- Clergy, Continuing Education for, 131 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (373-4894)
- Communication Services, 11 Oak Street S.E., University of Minnesota, Minneapolis, MN 55414 (373-3913)
- Community Programs, 206 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (376-7401)
- Conferences, 131 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (373-3151)
- Counseling, 314 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (373-3905)
- Delinquency Control, Office of, 119 Temporary, North of Appleby (formerly Mines), 122 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-2726)
- Duluth Center, 403 Administration Building, University of Minnesota, Duluth, MN 55812 (218-726-8113)
- Education, Continuing Education in, 175 Peik Hall, 159 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (376-7669)
- Engineers and Scientists, Continuing Education for, 320 Akerman Hall, 110 Union Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-3132)
- Extension Classes, 170 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-3195)
- Extension Independent Study, 25 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-3256)

- Fire Information, Research, and Education (FIRE) Center, 3300 University Avenue S.E., University of Minnesota, Minneapolis, MN 55414 (376-3535)
- General College Education, Continuing, 106 Nicholson Hall, 216 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (373-4104)
- College of Liberal Arts Continuing Education, 202 Johnston Hall, 101 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-2834)
- MacPhail Center for the Arts, 1128 LaSalle Avenue, Minneapolis, MN 55403 (373-1925)
- Management Education, Continuing, 107 Armory, 15 Church Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-3680)
- Medical Education, Continuing, 143 Owre Hall, 420 Delaware Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-8012)
- Minnesota Sea Grant Extension Program, 109 Washburn Hall, University of Minnesota, Duluth, MN 55812 (218-726-8106)
- Morris Center, 226 Community Services Building, University of Minnesota, Morris, MN 56267 (612-589-2211)
- Nursing Education, Continuing, 5-140 Health Sciences Unit F, 308 Harvard Street S.E., University of Minnesota, Minneapolis, MN 55455 (376-1428)
- Older Adult Program, 206 Westbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-3941)
- Pharmacy, Continuing Education in, 7-125 Health Sciences Unit F, 308 Harvard Street S.E., University of Minnesota, Minneapolis, MN 55455 (376-5315)
- Public Policy, Continuing Education in, 306 Westbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-3799)
- Real Estate Certificate Program, 107 Armory, 15 Church Street S.E., University of Minnesota, Minneapolis, MN 55455 (376-8846)
- Research, 331 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (373-9775)
- Rochester Center, 1200 South Broadway, Rochester, MN 55901 (612-224-2263)
- Social Work, Continuing Education in, 338 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (373-5831)
- University Media Resources, 540 Rarig Center, 330 21st Avenue South, University of Minnesota, Minneapolis, MN 55455 (373-4760); KUOM (373-3177)
- Women, Continuing Education for, 200 Westbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-9743)

## Reserve Officers' Training Corps

Through Reserve Officers' Training Corps programs, students can qualify for commissions as officers in one of the military services while completing requirements for a University degree. Both two- and four-year programs are offered by the Departments of Military Science (Army ROTC), Naval Science (Navy/Marine ROTC), and Aerospace Studies (Air Force ROTC). Scholarships providing up to four years of subsidized education are available also.

Students interested in the specific qualifications, curriculum, benefits, and obligations of each service should consult the *Army, Navy, Air Force ROTC Bulletin*. Inquiries may also be made at the following offices in the University Armory on the Minneapolis campus: Military Science, room 108 (telephone 373-2212); Naval Science, room 203 (telephone 373-2230); and Aerospace Studies, room 3 (telephone 373-2205). Air Force ROTC is also offered on the Duluth campus.

## Summer Session

Every summer more than 2,500 courses are offered by the major divisions of the University on all its campuses, serving a large and diverse student body comprising regularly enrolled University students, teachers returning for professional and personal enrichment, and others who attend only in the summer. Many summer-only students enroll at Minnesota to take advantage of special programs such as intensive language study, study abroad, and the Lake Itasca Biology Session.

Two five-week terms are offered. Students may enroll for a maximum of 10 credits each term. A full quarter's work may be completed in both terms. Nonresident students pay resident tuition in the summer.

For more details and a schedule of classes, consult the *Summer Session Bulletin*.

## POSTADMISSION PROCEDURES AND SERVICES

### Orientation and Registration

In the orientation-registration program prior to their first quarter at the University, new students participate in activities that include an introduction to the University campus and community, registration, testing, counseling, and group discussion. The program for each college on the Twin Cities campus is planned to meet the needs of its students. An invitation to orientation from each college will specify the day (or two days) when its new students are expected.

Orientation-registration activities are planned for small groups of new students to provide maximum individual attention. An undergraduate orientation leader is assigned to each group to help the students understand the registration materials and locate campus buildings, and to answer individual questions. New students complete registration after individual appointments with advisers. Students may purchase books and supplies and arrange for part-time employment while they are on campus for orientation. This program of orientation-registration is sponsored by the various colleges and agencies of the University and is coordinated by the Orientation Office. Registration is directed by the Office of Registration, Student Records, and Scheduling.

A special orientation program is planned for students transferring from colleges outside the University. It includes many of the same elements as freshman orientation-registration but focuses on the special needs of transfer students. This program is scheduled simultaneously with other orientation-registration activities and can usually be completed in one day. Students are notified by their colleges of their orientation date.

**University-Community Program**—This is an evening program, held in the spring, to introduce new students and their parents to the University and its services. The program includes a look at the new student's college, the communities around the University campus, and other facets of University life. It also provides an opportunity for parents and students to meet students and staff members associated with housing, religious centers, financial aid, fraternities and sororities, college offices, and other University services.

**Freshman Camp**—Offered on late summer and early fall weekends, Freshman Camp gives incoming students an opportunity to make new friends as well as to sample the great diversity of University life. This student-planned weekend includes programs featuring prominent faculty members and community resource persons together with social functions and free time. Thus, participants can exercise both their minds and their bodies while gaining new friends with whom to share the start of their college careers.

**Welcome Week**—Scheduled for eight days before fall quarter begins, Welcome Week presents a variety of intellectual, cultural, and social events to introduce incoming students to the diverse opportunities at the University and to provide insights into both practical and philosophical aspects of life at a large university.

Important issues of the day are examined through lectures, debates, and discussions featuring prominent speakers, faculty members, and students. A "How To Study" seminar offers professional advice and an opportunity to share student experiences. The extracurricular side of college life is spotlighted by the Activities Fair—an opportunity to visit with representatives from a variety of student organizations. Cultural programs feature the wealth of talent in the University community, and social events provide an opportunity to meet other students.

## STUDENT SERVICES

### Office for Minority and Special Student Affairs

The Office for Minority and Special Student Affairs (OMSSA) oversees and coordinates all programs and support services at the University that are designed to meet the unique needs of persons who are financially, racially, or educationally disadvantaged and who want to enroll at the University.

The services are intended primarily for ethnic minority students, such as Asian/Pacific Americans, blacks, Chicanos (Mexican-Americans) and individuals of other Hispanic origin, and American Indians. However, the program is not limited to these students. All students are encouraged to take advantage of the services offered.

The program provides special assistance to eligible students in all phases of their involvement with the University—admission, financial aid, housing, special learning opportunities, study skills development, academic tutorials, financial aid planning, legal referrals, personal and career counseling, and job placement. To help orient minority students to the University and to provide ongoing academic assistance, OMSSA operates four minority learning resource centers: the American Indian Learning Resource Center, Asian/Pacific American Learning Resource Center, Black Learning Resource Center, and Chicano/Latino Learning Resource Center. Special program offerings include the OMSSA Summer Institute, which gives new minority students a chance to sharpen their academic skills, learn about the University, and get a head start in college.

The student-managed OMSSA Student Cultural Centers offer minority students a place and an opportunity to socialize with their peers and to participate in activities and projects that reflect their interests and cultures and that help to educate the University community about minority cultures. The centers and their locations are as follows: the American Indian Center, 104 Jones Hall (376-4829); Asian American Center, 30 Ford Hall (376-1317); Black Student Center, Dome City, room 301, 1501 University Avenue S.E. (376-1277); and Chicano Student Center, Dome City, room 200, 1501 University Avenue S.E. (376-1233).

For more information, interested persons may call or visit the OMSSA central office, 12 Morrill Hall, Minneapolis campus (telephone 376-1235).

## Student Development Centers

### *Student Counseling Bureau*

The Student Counseling Bureau offers assistance to students who wish to learn more about themselves as they develop in an educational setting. Counseling services help students with educational decisions, academic skills, vocational or career planning, personal or family problems, marital relationships, and other concerns.

Students may call or visit the reception desk, 101 Eddy Hall (373-4193) on the Minneapolis campus; the Institute of Technology office, 104 Lind Hall (373-9753); the St. Paul Student Counseling Bureau, 190 Coffey Hall (373-1140); or any of the other services described below:

**Reading and Study Skills Center**—This center offers assistance with reading, note taking, effective study, and other academic skills. It offers special services to students with learning disabilities. These include diagnosis of learning disabilities; basic skills development for reading, writing, and mathematics; personal counseling; program and course advising; auxiliary aids; and course accommodation assistance. The center is located in 104 Eddy Hall; for information, call 373-4193.

**Occupational Information Library**—This library contains educational catalogs and occupational descriptions and is open for students who need information to help them in planning their careers (9 Eddy Hall).

**Campus Assistance Center**—This office furnishes information and/or referral concerning any problem or question about the University, whether academic, administrative, or personal. Both walk-in and telephone service is available (209 Eddy Hall, telephone 373-1234).

**Digital Information Access Line (DIAL)**—The DIAL program is a call-in service offering more than 300 taped messages on a wide range of topics, including career planning, social and recreational activities, student services, legal problems, health care, child care, and academic matters. Interested persons may call 373-1857 between 8 a.m. and 5 p.m. Monday through Friday to request a tape on a particular topic or to request a brochure listing tapes by subject.

**Rehabilitation Services**—This office provides counseling, information, problem solving, and referral services for students and prospective students with physical or emotional disabilities. For information and assistance, contact Rehabilitation Services, 113 Eddy Hall; telephone 373-3714 (voice or TTY) or 376-3143. Students who need a physically accessible office should come to N-105 Elliott Hall.

**Hearing Impaired Services Program**—The Hearing Impaired Services Program of the Student Counseling Bureau provides interpreter services for classroom and nonclassroom activities, problem solving assistance, and career and personal counseling for hearing impaired students. The program can assist students in obtaining specialized tutoring from DVR and in using the tutoring services provided by University departments. Students can also receive assistance with writing papers, developing English or math skills, reading textbooks, taking tests, and making course adaptations and program modifications. For information, contact the Hearing Impaired Services Program, 113 Eddy Hall, 373-3714 (voice or TTY).

**Learning Disabilities Program**—This program offers diagnostic, remedial, counseling, and problem-solving assistance to students with learning disabilities. For information, call 373-3714 or 373-4193, or visit 101 Eddy Hall on the Minneapolis campus.

### ***International Student Adviser's Office***

Counseling and advisory services are provided for students and scholars from other countries by the International Student Adviser's Office. This office provides assistance to those seeking information about visa regulations; federal, state, and local regulations governing foreign nationals; financial aid requirements; English language requirements; and other educational, social, and personal problems. In cooperation with other University departments, the office coordinates English language and orientation programs for new international students. It also sponsors a variety of international/intercultural educational activities on campus, and staff members are involved in related research and instructional programs. Students are invited to visit the International Student Adviser's Office, 717 East River Road, Minneapolis, or 190 Coffey Hall, St. Paul.

### ***Minnesota Women's Center***

The Minnesota Women's Center serves all women at the University—undergraduate and graduate students, faculty members, and staff members—as well as women throughout the state who wish to return to school or a job. The center provides informational, educational, and organizational services, including counseling and support groups, a resource collection, workshops, program planning assistance, and publications.

Information and a brochure are available at 306 Walter Library (telephone 373-3850).

## **Student Support Services**

### ***Office of Admissions***

A staff of professional admissions counselors is available to talk with applicants who have questions or problems concerning their admission to the University. Some walk-in counseling service is available in the admissions offices, but advance appointments are recommended. Call or write the admissions office on the appropriate campus. For Minneapolis colleges, call or write the Office of Admissions, 240 Williamson Hall, 231 Pillsbury Drive S.E., University of Minnesota, Minneapolis, Minnesota 55455 (612-373-5126); for St. Paul colleges, call or write the Office of Admissions and Records, 130 Coffey Hall, 1420 Eckles Avenue, University of Minnesota, St. Paul, Minnesota 55108 (612-373-0707).

### ***Records Offices***

On each campus, staff members are available to help students with their questions and problems concerning academic records. Student Relations staff members in the Minneapolis Office of Registration, Student Records, and Scheduling are specially trained to assist students who have questions or problems relating to their University registration and records. Assistance is available by appointment, on a walk-in basis, or by phone. For colleges on the Twin Cities campus/Minneapolis, call (612) 376-1680 or come in person to 150 Williamson Hall. In St. Paul, contact the Office of Admissions and Records, 130 Coffey Hall (612-373-0700).

## **College Counseling Services**

### ***College Advisory Programs***

Most of the University's schools and colleges have advisory and counseling programs for their students. Each student is assigned to an academic adviser, and some of the schools and colleges maintain employment and job-counseling services as well. Students should discuss their academic progress with their advisers at least two or three times a year.

### ***Scholastic Standing Committee***

Each college has a faculty committee (some with student members) charged with interpreting the regulations of the faculty and with granting exemptions from these regulations if warranted. Students should consult the committee if they are in doubt about a college rule or think the rule should not apply to them. Committee headquarters are usually located in the college office.

## **Services for Students With Handicaps**

### ***Vocational Rehabilitation Services***

Vocational Rehabilitation is a system of state and federally sponsored programs that provide auxiliary aids, supplemental financial assistance, and counseling and referral services to persons with physical, mental, or emotional conditions severe enough to cause current or potential difficulty in obtaining or maintaining employment.

Taping, reading, and other forms of assistance are available to blind persons through the Minnesota State Services for the Blind and the Visually Handicapped, 1745 University Avenue, St. Paul, Minnesota 55105; (612) 296-6090. Minnesota residents who are legally

blind may attend the University tuition free, although they must pay student services fees. To determine eligibility for a tuition waiver, students must obtain a Medical Information form at the Certifications window, 155 Williamson Hall, Minneapolis, or at the admissions and records office on the campus they plan to attend.

The Division of Vocational Rehabilitation (DVR) provides counseling and support services as well as financial and other forms of assistance to persons who are disabled physically, mentally, or emotionally. For information, contact the DVR Liaison Office on the Twin Cities campus, 7 Morrill Hall, 100 Church Street S.E., University of Minnesota, Minneapolis, Minnesota 55455, (612) 376-2728 (voice or TTY); or the DVR office in your home community.

Both DVR and Minnesota State Services for the Blind and the Visually Handicapped require applicants seeking financial aid through their organizations to apply also through the University Office of Student Financial Aid. More than one kind of assistance may be available to a student. For information, contact the financial aid office on your campus.

Veterans with service-connected disabilities may be eligible for rehabilitation services from the Veterans Vocational Rehabilitation Program of the Veterans Administration. For information, write or call the Veterans Assistance Center, Federal Building, Fort Snelling, St. Paul, Minnesota 55111; (612) 726-1454.

### **Handicapped Resource Office**

The Handicapped Resource Office is responsible for studying the access needs of handicapped students and employees and for developing resources to meet those needs. It helps to coordinate support service systems and assists University units in improving access to programs and facilities so that handicapped persons can function independently in integrated settings on an equal basis with other persons. In addition, the office produces and distributes *The Enabler*, the University's resource guide for handicapped students; copies are available in college and student service offices. Handicapped students and employees may obtain referral services and information about program and physical access arrangements, legal rights, and grievance procedures by contacting the Handicapped Resource Officer, 7 Morrill Hall, 100 Church Street S.E., University of Minnesota, Minneapolis, Minnesota 55455; (612) 376-2727 (voice or TTY).

### **Speech and Hearing Clinic**

The Speech and Hearing Clinic in 115 Shevlin Hall (telephone 373-4116) offers professional services without charge to students with various communication problems: voice disorders, articulation disorders, language difficulties, dialect difficulties, stuttering, and hearing disorders. Students who have children with speech, language, or hearing problems can obtain consultation and treatment for them in the Speech and Hearing Clinic.

### **Additional Services**

See information about the Reading and Study Skills Center, Rehabilitation Services, and Hearing Impaired Services Program under the heading Student Counseling Bureau.

## **Food Services**

### **Twin Cities Campus/Minneapolis**

A variety of food service facilities are available. On the East Bank, Coffman Union offers a large self-selection food service with a choice of three dining areas, as well as four fast food restaurants, a deli, party facilities, and informal study-dining areas. Shevlin 1906, located across campus in Shevlin Hall, offers full cafeteria service.

The Health Sciences Unit A building and the Phillips-Wangensteen Building, also on the East Bank, offer three cafeterias: the Spectrum Cafeteria on the first floor and the Link on the fifth-level skywalk of Unit A, and Outside In on the second floor of the Phillips-Wangensteen Building. Vending lounges are also available in a number of locations.

On the West Bank, a major self-selection facility (Riverbend) and a snack bar (The Dinghy) with adjacent seating area are located in Willey Hall. Blegen Hall has a complete food service and snack bar, and there is a large vended food service in Anderson Hall. Numerous vending facilities are located throughout the East and West Bank areas.

Immediately adjacent to the East Bank of the campus, in Dinkytown to the north and Stadium Village to the east, a number of privately owned restaurants, cafes, and fast-food establishments offer a full array of foods. On the edge of campus just near Dinkytown, food is served at the Newman Center and the Colony Inn. On the West Bank, several restaurants are located in the Cedar-Riverside and Seven Corners areas within short walking distance of the campus.

### ***Twin Cities Campus/St. Paul***

The Grainery and the Cherrywood Room in the Dining Center provide full food service. The Terrace and the Rouser Room are served by a large snack bar in the Student Center. The Pumpkin in the Earle Brown Center serves University clientele and conference guests.

## **Boynton Health Service**

Maintaining the health of individual students and promoting a healthy environment are major concerns of the University and Boynton Health Service.

On the Twin Cities campus/Minneapolis, outpatient medical, dental, and mental health clinic facilities are provided in the Boynton Health Service building across the street from the University Hospitals at 410 Church Street S.E.

On the Twin Cities campus/St. Paul, general medical care and mental health counseling are available in the Health Service building located at 1518 Cleveland Avenue North. St. Paul students may also use the Minneapolis Health Service facilities.

Boynton Health Service is open and available throughout the calendar year. Eligible students may obtain continuous coverage throughout their time at the University by paying the appropriate fees.

### ***Student Services Fee Health Benefits***

Boynton Health Service may be used like a health maintenance organization. Students who have paid the student services fee or the fee for extended health service benefits (see below) are eligible for general care and for consultations with a specialist on physical or mental health problems without charge. A wide range of medical specialty services are available. Gynecological services, including contraceptive services and counseling, as well as pregnancy testing and counseling, are also available.

Eligible students receive diagnostic laboratory and X-ray services up to \$100 per quarter. Physical therapy and X-ray therapy services are covered up to a limit of \$250 per quarter. Charges are assessed for prescription drugs, eye glasses, dental services, and routine physical examinations. Charges made for services rendered in the Emergency Receiving Department of University Hospitals that are not collectible from a student's private insurance will be paid, at least in part, by the Boynton Health Service. The following procedures are not covered: fertility studies; blood typing; and laboratory and X-ray procedures requested by outside agencies that, in the judgment of Health Service physicians, are not medically indicated for diagnostic or treatment purposes. Laboratory, X-ray, and other procedures that exceed the above limits or that are not covered by the Health Service may be covered by the student's hospitalization insurance. Any charges not covered are the student's obligation.



In addition to the above personal health services, the health service portion of the student services fee supports certain preventive, public, and community health services such as sanitation and safety surveillance of food services, swimming pools, and on-campus housing; general safety; public health nursing; health information and education; immunizations; tuberculin testing and chest X-rays for tuberculin reactors; and nutrition and dietary counseling.

Spouses of students may use the Health Service on a fee-for-service basis.

Health Service benefits provided by the student services fee are subject to change if health care costs during the year increase at a rate greater than the projected rate of inflation.

For additional information, see the *Your Health Service* booklet available at the Health Service or call 373-3141.

**Hospitalization**—*The student services fee does not include hospitalization benefits, coverage for services related to hospitalization, or coverage for inpatient or outpatient surgery.* The Board of Regents requires that each student who pays the student services fee have hospital-medical-surgical coverage. Students who do not have such coverage privately may purchase University-sponsored coverage. Students complete the Hospital Insurance card for this coverage at the time of registration; the quarterly premium is entered on the fee statement and paid along with tuition and fees.

During the academic year, only students who pay the student services fee or the fee for Extended Health Service Benefits (see below) are eligible to purchase the University-sponsored hospital-medical-surgical insurance.

A brochure explaining the University-sponsored hospital-medical-surgical coverage is available at the student insurance office in room W-227 of the Health Service or may be obtained by calling 376-3580.

**Students With Coverage for Outpatient Medical Care**—Students who are members of a plan that guarantees comprehensive outpatient, direct, personal medical services on a prepaid basis, such as Group Health Plan, Inc. or other health maintenance organizations, may apply for an exemption from the student services fee up to a maximum of \$35 per quarter. Students may also apply for exemption if they are covered by a health insurance policy that has a deductible clause for outpatient services if that deductible amount has been satisfied. Students who qualify for and obtain a refund for this portion of the fee are exempted from all prepaid outpatient benefits offered by the Boynton Health Service. They may use the health service on a fee-for-service basis. To obtain the exemption and refund, proof of coverage must be presented to the cashier in room W-220 of the Health Service prior to registration. The Health Service cashier will complete a Partial Fee Exemption form indicating the amount of the exemption; students must present this form, along with their registration materials, at their college window each quarter when registering. Students who fail to apply for the exemption prior to registration may apply for a refund from the Health Service cashier no later than the end of the second week of classes each quarter.

### **Optional Plan for Extended Health Service Benefits**

A student who drops out of school for a quarter or a portion of a quarter during the regular academic year, or is registered but not paying the student services fee, or is not a regular fee-paying student during the summer months may continue receiving regular benefits at the Health Service during these times by paying an appropriate fee. This extended coverage may not exceed two quarters in any calendar year.

The fee for this optional program must be paid sometime during the two weeks before the beginning of the coverage period to the cashier, room W-220 of the Health Service. Additional information about the program may be obtained from the Health Service cashier or by calling 373-3780.

## Housing

Students attending the University of Minnesota are responsible for making their own living arrangements. Students may live in University-owned residence halls, cooperatives, on- or off-campus apartments, rooming houses, fraternities, or sororities; with parents or relatives; or in any other type of housing that suits their needs.

Information about housing in the Minneapolis/St. Paul metropolitan area may be obtained from the Housing Office, Comstock Hall, 210 Delaware Street S.E., University of Minnesota, Minneapolis, Minnesota 55455; and the St. Paul Housing Office, 190 Coffey Hall, 1420 Eckles Avenue, University of Minnesota, St. Paul, Minnesota 55108. Because the housing market is constantly changing, it is best to visit the Housing Office in person for up-to-date information.

### University Residence Halls

All residence halls are located on campus within easy walking distance of classes, libraries, and shopping and recreational areas, making transportation problems almost nonexistent. Well-planned, nutritious meals are served under the direction of trained dietitians. Social and recreational opportunities are abundant and varied. Through hall councils, residents are involved in hall governance. Live-in resident assistants are available for referrals on just about any topic. Residence hall living has been shown to have some significant long-range effects: residence hall students are more active than commuters in academic activities, have a lower drop-out rate than the general University population, and express a high level of satisfaction with their college experience.

Application for residence hall housing is separate from application for admission to the University. A residence hall space is *not* reserved automatically for every student accepted by the University. Students may apply for housing before being accepted by the University. Early housing applications are recommended; students should not wait until their college orientation to apply for housing. The room and board rate for a typical double room for the three-quarter 1981-82 academic year will be approximately \$2,175. Further information about application, types of housing, and rates is available from the Housing Office.

### COEDUCATIONAL RESIDENCE HALLS (Men and women are accommodated on separate floors, wings, or areas of the building).

BAILEY HALL, the only residence hall on the Twin Cities campus/St. Paul, accommodates 508 students, mostly in double rooms. Residents eat in the adjoining Student Center.

CENTENNIAL HALL has accommodations for 653 students, primarily in single rooms. It is located one block from the medical complex.

MIDDLEBROOK HALL, the only hall on the West Bank, has space for 662 students, mostly in double rooms. Middlebrook is a modern, 12-story, air-tempered tower.

PIONEER HALL, located on East River Road, accommodates 571 students and has recently undergone substantial modernization.

SANFORD HALL, located on University Avenue in the Dinkytown area, has space for 493 students.

TERRITORIAL HALL has 549 spaces (mostly doubles) and shares dining facilities with Centennial Hall.

### WOMEN'S RESIDENCE HALL

COMSTOCK HALL, overlooking the Mississippi River and adjacent to Coffman Union, has single and double spaces for 549 women.

### MEN'S RESIDENCE HALL

FRONTIER HALL has 572 double spaces and shares eating facilities with Pioneer Hall.

## **University Housing for Families**

Housing for married couples and families, including single-parent families, is provided in University-owned, student-managed efficiency and one, two, and three bedroom apartments near the Twin Cities campus. Applications should be submitted as early as possible to Commonwealth Terrace Cooperative, 1250 Fifield Street, St. Paul, Minnesota 55108 (telephone 612-646-7526), or to Como Student Community, 1024 27th Avenue S.E., Minneapolis, Minnesota 55414 (telephone 612-378-2434). Commonwealth Terrace Cooperative is located adjacent to the Twin Cities campus/St. Paul. Como Student Community is midway between the Minneapolis and St. Paul campus areas.

## **Off-Campus Housing**

Vacancies in apartments, houses, and rooming houses are reported to the Off-Campus Housing Office. This information is generally received three to four weeks in advance of the date of availability. Listings of vacancies are not sent out by mail, but they are posted in the Housing Office.

The office provides information about living costs, transportation, public housing, temporary housing, and day care centers in the Twin Cities area. Housing counselors are available to answer questions and assist with rental problems.

## **Moving to Fraternities and Sororities**

Students who wish to join a sorority or fraternity may obtain information on rush week and fraternity and sorority pledging from the Student Organization Development Center, 340 Coffman Memorial Union, University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-3955).

Joining a fraternity or sorority after assuming occupancy in a residence hall does not excuse students from their residence hall room and board contract. This policy is strictly enforced. Because of the financial considerations involved, questions on this subject should be addressed to the Housing Office or the appropriate residence hall director.

## **Library Services and Resources**

The University of Minnesota Libraries system, with more than 3.8 million volumes, has collections located on the Twin Cities campus and the four coordinate campuses of the University.

The Twin Cities campus libraries include: the Biomedical Library in Diehl Hall, together with its related unit (Natural History), whose collections and services support the health sciences programs; the Institute of Technology libraries (including the physically separate Architecture, Chemistry, Engineering, Geology, Mathematics, Mines-Metallurgy-Chemical Engineering, and Physics Libraries); the Law Library in the new Law School building; the St. Paul Campus Library, together with its related units (Biochemistry, Entomology, Forestry, Plant Pathology, Veterinary Medicine), whose collections and services support the academic programs on that campus; the Walter Library (which includes the Art Library, Children's Literature Research Collections, College Library, Education-Psychology-Library Science Library, Learning Resource Center, Music Library, and University Archives) and its physically separate but administratively related units (the Architecture and Performing Arts Archive, the Immigration History Research Center Archives, and the Social Welfare History Archives); and the Wilson Library on the West Bank, which houses the major humanities-social sciences collection and includes the following units: the Ames Library of South Asia, the James Ford Bell Library, the Business Reference Service, the East Asian Library, Government Publications, Maps, the Middle East Library, Newspapers-

Periodicals, and Special Collections-Rare Books. Central Technical Services, which processes most of the materials for the Twin Cities campus library collections, is located in Wilson Library, as is the union card catalog that lists the holdings of these libraries.

Each of the University's coordinate campuses has a library whose services and collections support campus programs. (See the coordinate campus sections of this bulletin for details.) There is a biomedical library on the Duluth campus. The sharing of resources among the several campus libraries—as well as with other libraries in Minnesota, Wisconsin, and the Dakotas—is expedited by MINITEX (the Minnesota Interlibrary Telecommunications Exchange), a cooperative program supported by the Minnesota Higher Education Coordinating Board and located in Wilson Library.

The University Libraries has strong, comprehensive research collections, and ranks thirteenth in size among the collections of American university libraries. Particular areas of the collection's strength include Asian studies, children's literature, exploration and travel, the history of medicine, immigration, European history, Latin American studies, American and Western European literatures, science journals, and social welfare. The library faculty includes bibliographers with competencies in many of the University's academic program areas.

Further information about the University Libraries, its collections, and its services can be obtained from any library unit. On the Twin Cities campus/Minneapolis call 373-2424, or inquire at the Reference Division, first floor lobby, Wilson Library; on the Twin Cities campus/St. Paul, call 373-0903.

## STUDENT ACTIVITIES

Approximately 500 registered student organizations exist on campus. Most fall into one of the following categories: governing boards, unions, social and professional fraternities and sororities, residential organizations, leadership and recognition groups, honor societies, student enterprises, departmental and professional groups, and religious and meditation, international, orientation, political and social action, cultural, publications and communications, recreation and hobby, and community service organizations. A directory listing the names, addresses, and telephone numbers of organization contact persons may be obtained at the Student Organization Development Center, 340 Coffman Memorial Union, telephone 373-3955.

Students with questions concerning student organizations and their activities or who wish to start a new organization should contact a student activities consultant by phoning 373-3955 or dropping by the Minneapolis Student Organization Development Center, 340 Coffman Memorial Union. The St. Paul Student Organization Development Center is located at 190 Coffey Hall, telephone 373-1164.

## Student Government Opportunities

**Minnesota Student Association and Twin Cities Student Assembly**—The student governance system allows students to participate actively in the governance of the University of Minnesota, to develop and execute proposals and programs for the benefit of the student body, and to protect the rights of students within the academic and extracurricular University community.

All currently registered students are members of the Minnesota Student Association (MSA). MSA is governed by its legislative assembly, the MSA Forum, and its officers. The forum is composed of 62 senators elected from college units, 15 members elected at large, 5 student consultative members, 4 representatives to the regents, 24 members appointed by special interest groups, and the president and treasurer.

The forum's day-to-day responsibilities are executed by its nine standing committees—educational policy, internal operations, fees, legislative relations, membership, regent liaison, student concerns, student services, and University resources. The Executive Committee is composed of the chairs of the above committees, the president, the treasurer, the five student members of the Senate Consultative Committee, and the regents' representatives. The president and the Executive Committee are responsible for monitoring and referring various issues to the nine committees of the MSA.

The 62 student senators from the Twin Cities campus serving on the MSA Forum are also members of the University Senate/Twin Cities Campus Assembly. As senators, these students are concerned with long-range policies and procedures. Along with other forum members, senators develop programs and services that will benefit students in the immediate future.

For more information, contact the office at 240 Coffman Memorial Union, telephone 373-2414.

**College Boards**—Students have excellent opportunities to influence important decisions within their own colleges. The focal point for this effort is the college board. Though members of most boards are selected through annual elections, opportunities to participate in the work of the college boards are plentiful. For more information, call the Student Organization Development Center (373-3955) for the telephone numbers of college board offices.

## Campus Unions/Centers

The Minnesota Union is a dynamic organization of people serving the personal, educational, and leisure time needs of members of the University community. Through the three constituent unions—Coffman Memorial Union, West Bank Union, and the St. Paul Student Center—the Minnesota Union organizes programs, provides facilities, and offers services to support cocurricular life on the Twin Cities campus.

Governed by University community representatives and supported through student fees, the Minnesota Union provides opportunities for the involvement of volunteers. Students, faculty members, and staff members from all colleges and units on the Twin Cities campus combine their talents in arranging such activities as discussions, art exhibits, and wilderness expeditions. Other volunteers serve on the four governing boards in determining policy, deciding budget issues, and managing the resources of the unions.

Facilities and services available to groups and individuals include meeting rooms, commons rooms, activity halls, lost and found, information centers, recreation centers, a craft studio, and cafeterias.

## Religious and Interfaith Opportunities

Many groups and organizations serve the religious needs of the University community in centers near the campus, in study groups and meetings on and off the campus, in nearby churches, in storefronts, and in coffeehouses. Cooperative ministries join groups in common cause around issues, tasks, or projects. Through religious activities, including both traditional and experimental worship, people share their common needs and concerns. For information, call the Student Organization Development Center, telephone 373-3955.

## Fraternities and Sororities

On the Twin Cities campus, there are 30 social fraternities and 16 social sororities and 23 professional fraternities and 7 professional sororities. Each of these undergraduate social organizations offers its members an opportunity to develop close interpersonal

relationships and to work to achieve group goals. Sororities and fraternities provide housing, free parking, meals, a place to study, and an opportunity to socialize. The cost of living in a sorority or fraternity house, including dues and other related expenses, compares favorably with residence halls; and the "townie" fees (for members not living in the house) are reasonable.

The primary membership drive for sororities and fraternities, called "rush," occurs just before classes begin each fall. An informal rush continues throughout the school year in a more informal setting and at a more relaxed pace. Students interested in going through rush can contact the Panhellenic Council Office (for interested women) or the Interfraternity Council Office (for interested men). These two groups share offices on the second floor of Coffman Memorial Union, telephone 373-2435.

For more information about Minneapolis sororities, fraternities, or rush, contact the Panhellenic Council, the Interfraternity Council, or the Student Organization Development Center, 373-3955. For information about St. Paul fraternities and sororities, contact the Student Organization Development Center in St. Paul, 190 Coffey Hall, 373-1164.

## **CULTURAL AND RECREATIONAL OPPORTUNITIES**

### **Art**

#### ***University Gallery***

The University Gallery, located on the third and fourth floors of Northrop Memorial Auditorium, maintains a program of changing exhibitions and related events organized to meet the needs of the University and the community.

Gallery exhibitions explore a variety of themes, both contemporary and historical, and include works from local collections as well as from museums across the country. Whenever possible, exhibitions are undertaken that will strengthen the curricular emphases of the various academic departments on campus.

The permanent collection is strong in American art from the first half of the twentieth century, with works by Georgia O'Keeffe, Marsden Hartley, and Stanton MacDonald-Wright, among others. The gallery also has a significant collection of European prints and decorative arts from the seventeenth and eighteenth centuries, as well as a collection of ancient Greek vases. These works, together with a growing collection of primitive art, are valuable research materials for students and faculty members.

Call 373-3424 or visit 110 Northrop Auditorium for general information about University Gallery exhibitions and hours.

### **Convocations**

Convocations sponsored by the Department of Concerts and Lectures for students, faculty, staff, and the public are presented at various campus locations. Between 20 to 25 convocations are planned for the school year and are selected by the Campus Committee on Convocations and the Arts, composed of six faculty members, three students, and one ex officio member. Scheduled events include music, theatre, and dance performances, in addition to occasional lectures of general interest and presentations in the visual arts. In cooperation with interested departments, the Department of Concerts and Lectures also sponsors special lectures and scientific conferences for smaller and selected audiences.

## Museum

### ***Bell Museum of Natural History***

Located at Church Street and University Avenue S.E., Minneapolis, this museum features diorama exhibits of Minnesota wildlife, the Touch and See Room, and the Jaques Gallery of natural history art. It also houses extensive research collections of birds, mammals, reptiles, amphibians, and fish, and the University's natural history library. The museum is open from 9 a.m. to 5 p.m. Tuesday through Saturday, and from 1 to 5 p.m. on Sunday. Groups of eight or more are asked to make reservations. Guided tours are available to groups upon advance request. The bookshop offers an excellent selection of field guides and other natural history books for adults and children and records of bird and animal calls. Natural history films are shown during the year. Call (612) 373-2423 for appointments or further information.

## Music and Dance

### ***Metropolitan Opera***

Each spring the University, through the Department of Concerts and Lectures, joins the Minnesota Orchestral Association and the Upper Midwest Committee of Sponsors and Guarantors in presenting seven performances in Northrop Memorial Auditorium by the Metropolitan Opera Company of New York. Mail orders for tickets are accepted in 105 Northrop Auditorium six weeks before the week of opera begins.

### ***Northrop Dance Season***

The Northrop Dance Season, a division of the Department of Concerts and Lectures, presents a series of programs in Northrop Auditorium each year. Emphasis is primarily on classical ballet, modern dance, and folk dance performed by companies from all over the world. Several special performances each year feature outstanding popular musical and dance artists. Musical and other events may be scheduled occasionally. Student and senior citizen discounts are available for both series and individual tickets. Tickets for all events may be purchased in 105 Northrop Auditorium (telephone 373-2345). Northrop is accessible to the handicapped, and special seating is available in the auditorium.

### ***Summer Entertainment***

During the summer, the Summer Session and the Department of Concerts and Lectures cooperate in sponsoring a series of informal concerts and outdoor programs. This entertainment includes concerts on the Northrop Mall by the Minnesota Orchestra, outdoor jazz and blues concerts, classical and modern dance programs, films, and occasional theatre presentations.

### ***Opportunities for Participation in Music***

Participation in campus musical life is open to students in all colleges of the University—not only to music majors—both in School of Music courses and in the musical organizations it directs. These organizations include the University Bands, University Symphony Orchestra, University Instrumental Chamber Ensembles, Contemporary Music Ensemble, University Jazz Ensembles, University Chorus, Chamber Singers, MinneSingers, Men's Chorus, Opera Workshop, St. Paul Campus Chorus, and Collegium Musicum. All musical groups present concerts free to the general public. University credit is available to participating students. The School of Music also sponsors student recitals, a faculty recital series, guest artists-lecturers, and master classes.

Music students are given priority to act as ushers at all concerts presented in Northrop Auditorium as part of the Northrop Dance Season series and at the spring appearances by the Metropolitan Opera Company, as well as at various other events.

The School of Music offers a number of courses for non-music majors in addition to its regular offerings in music appreciation, music history and literature, music theory and composition, music education, and applied music (piano, organ, voice, violin, trumpet, percussion, etc.). Private lessons on all instruments are available with or without credit to students regularly registered at the University and to students not able to attend classes full time. For more information, contact the School of Music at 373-3546.

The University of Minnesota MacPhail Center for the Performing Arts in downtown Minneapolis offers private lessons in all areas of applied music as well as classes in pedagogy, group instruction, music history, and theory (telephone 373-1925).

## Theatre

**University Theatre**—The University Theatre offers a broad range of dramatic activity throughout the year. During the academic months, the four-theatre complex in Rarig Center features seven main-stage plays, five workshop presentations, and two productions by Theatre of the Word. Audiences can see classical and modern dramas and comedies as well as full musical productions. The 1981-82 main-stage season will include Shakespeare's *Henry V*, Preston Jones's *LuAnn Hampton Laverdy Oberlander*, G. B. Shaw's *Misalliance*, Pavel Kohout's *Poor Murderer*, Suzan Zeder's *Wiley and the Hairy Man* (for children), the musical comedy *Once Upon a Mattress*, George Villier's *The Rehearsal*, and two one-act plays (presented together)—Edward Albee's *The Death of Bessie Smith* and Endesha Ida Mae Holland's *The Reconstruction of Dossie Ree Hemphill*. Season tickets with special student discounts are available.

During the summer, the University Theatre maintains an active schedule with productions on the Minnesota Centennial Showboat and in Rarig Center with the Peppermint Tent. The Showboat has become a Minnesota entertainment tradition. More than 400,000 people have seen melodramas, Shakespearean plays, musicals, and comedies on the authentic stern wheel riverboat converted to a theatre and moored on the Mississippi River below Coffman Memorial Union. The Peppermint Tent productions in Rarig Center feature plays for youngsters between the ages of four and ten. Children may see two plays presented in repertory during the first summer term.

Information about tickets for all University Theatre productions is available from the Rarig Center ticket office on the West Bank of the Twin Cities campus/Minneapolis or by calling 373-2337. Discount prices are available to students and senior citizens for all attractions.

**Punchinello Players**—North Hall Theatre in Haecker Hall houses the Punchinello Players, a company that has been producing plays on the Twin Cities campus/St. Paul since 1913. The 119-seat theatre offers three full-scale productions per year and features various community projects. The theatre activities are sponsored by the Department of Rhetoric and are open for participation to all Twin Cities campus students and to members of the community. Students who are non-theatre majors are especially encouraged to participate. For more information, call 373-1570 or 373-0917.

## Physical Education, Recreational Sports, and Athletics

### Intercollegiate Athletics

Opportunities for both participating and spectating are available in intercollegiate athletics programs. Students are encouraged to try out for any of the varsity sports; to do so, they may contact the respective coaches. Physical examination certification is required before equipment will be issued in any sport.



Minnesota competes in the following sports for men: baseball, basketball, cross-country, football, golf, gymnastics, hockey, swimming, tennis, track, and wrestling. Freshmen are eligible to compete on the varsity team in all sports. The Department of Men's Intercollegiate Athletics offers a unique program of counseling and supervised study to underscore the fact that high scholastic achievement and high-level athletic performance go hand in hand. All tendered freshman student-athletes participate in this program to improve study habits and skills and upgrade classroom performance.

College athletics for women continues to expand at a rapid rate, and the program at the University of Minnesota reflects that growth. The Department of Women's Intercollegiate Athletics offers competition in 10 sports: basketball, cross-country, field hockey, golf, gymnastics, softball, swimming and diving, tennis, track and field, and volleyball. Financial grants are available to outstanding female athletes. As a charter member of the Association for Intercollegiate Athletics for Women (AIAW), Minnesota athletes consistently qualify for national championships through regional and national competition. The opportunities for women student athletes illustrate the educational importance of combining scholastic and athletic endeavors.

### **Recreational Sports**

The Recreational Sports program at the University of Minnesota is designed to provide opportunities for students to participate in a wide variety of competitive and noncompetitive, organized and informal sports activities as regularly as their time and interests permit. Students may take part in one or more of the four basic phases of the program: (1) intramurals—the organized competitive program for teams and individuals, (2) open recreation and total self-fitness programs, (3) sports clubs, and (4) extramurals.

In intramurals, participants enter meets, leagues, or tournaments in teams or individually and play according to a specific schedule in one or more of over 20 different sports. In open recreation and total self-fitness programs, the emphasis is on self-motivated recreation. When facilities are available, students may swim, shoot baskets, play racquetball, tennis and golf, or lift weights. Students may also participate in clinics and aerobic dance sessions and receive fitness counseling. In sports clubs, students have the opportunity to participate as members of one or more of over 50 sports clubs, some competitive and others noncompetitive. Sports clubs are student-run organizations which provide opportunities not only for sports participation but for management experiences as well.

Extramurals involve competition between University students, staff, and faculty, and sports groups representing various business, industrial, municipal, religious, and educational organizations.

For information, call Cooke Hall (373-4200), St. Paul Gym (373-0956), Norris Hall (376-2581), or Bierman Field Athletic Building (373-1917).

### **Physical Education**

The Division of Physical Education offers all students an opportunity to gain competence and University credit in a variety of individual, dual, and team sports as well as in dance, aquatic, and conditioning activities. Beginning activity courses require no prerequisites. Skills or experience may substitute for listed prerequisites for courses at more advanced levels. Advisers are available in the Division of Physical Education to provide more information about appropriate levels.

If you participate in any type of physical activity, you should consider the limits of your health and physical fitness. Most courses offered demand high energy expenditure and are to be considered high intensity unless otherwise indicated in the *Class Schedule*. Thus you should know the condition of your health and any limitations on your ability to participate safely in the physical activities involved in a course in which you plan to register. If you have any questions about your health or physical condition, you should seek advice from a physician.

## ***Student Athletic Tickets***

Students may purchase reduced price tickets for all men's intercollegiate athletic events. A preseason football season ticket sale, conducted each May, is open to all students, including following-term freshmen, and offers more desirable seating for football games. The best seats are assigned by lottery from this "spring sale" group. Remaining tickets are offered for sale during Welcome Week in the fall. Separate student ticket sales for both varsity basketball and hockey are conducted during fall quarter. For more information, contact the Athletic Ticket Office, Bierman Field Athletic Building, 516 15th Avenue S.E., University of Minnesota, Minneapolis, Minnesota 55455; telephone (612) 373-3181.

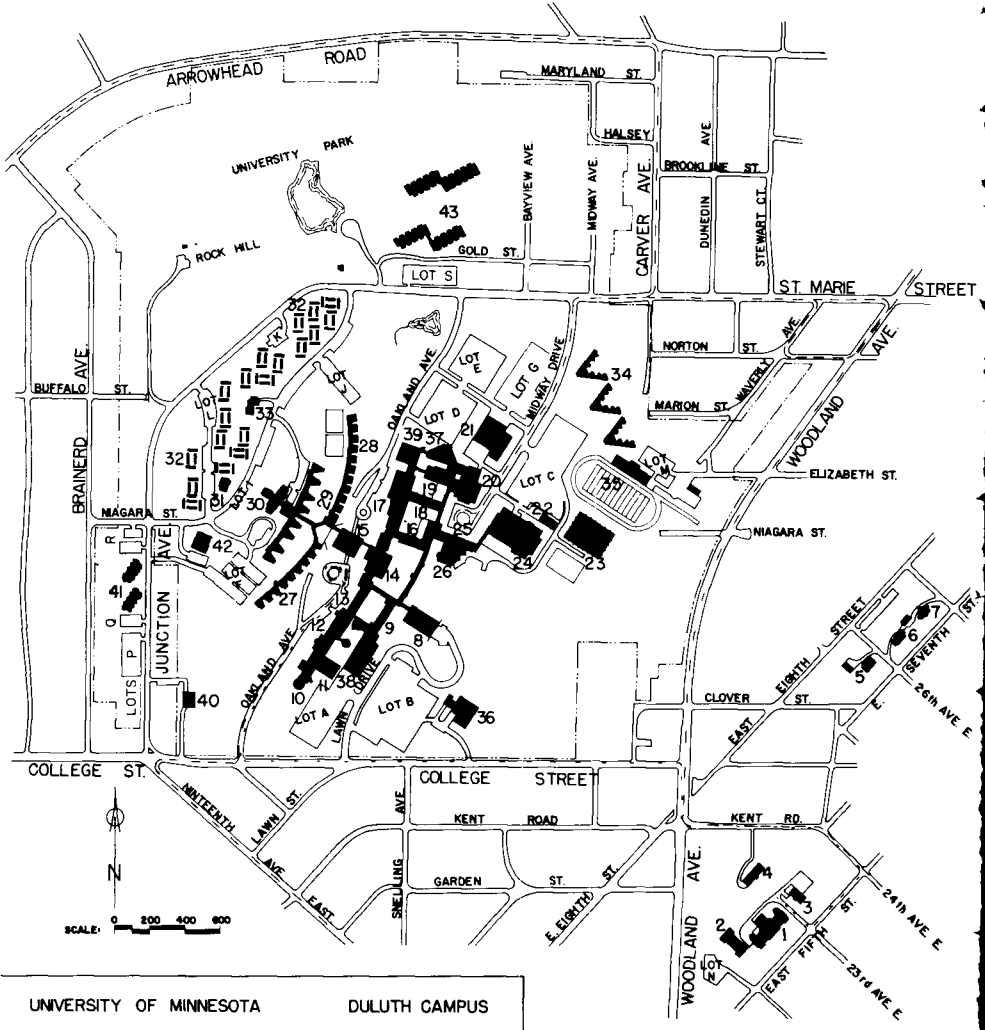
Season tickets for women's volleyball, basketball, gymnastics, and softball are available to students at a discount price. Student tickets for individual women's basketball, volleyball, swimming, softball, gymnastics, and track and field events are \$2 and are sold at the site. Ticket prices for special events or tournaments vary. For more information, contact the Women's Athletic Department, 238 Bierman Field Athletic Building, (612) 373-2255.

## ***Athletic Facilities***

The University offers extensive indoor and outdoor athletic facilities for use by all students, staff, and faculty. Buildings house tennis, basketball, volleyball, badminton, squash and handball courts, swimming pools, a fencing strip, archery stations, a rifle range, weight-lifting rooms, and gymnasiums. Outdoor facilities include tennis courts, a 9-hole golf course, an 18-hole golf course, horseshoe and volleyball courts, and fields for softball, baseball, field hockey, football, soccer, and other games.







## LEGEND

- |            |                                 |            |  |
|------------|---------------------------------|------------|--|
| 1. M       | OLD MAIN                        | 25 H&TMA   | HUMANITIES & TWEED MUSEUM OF ART                     |
| 2. RLB     | RESEARCH LABORATORY             | 26 AB&H    | A.B. ANDERSON HALL                                   |
| 3. WH      | WASHBURN HALL                   | 27 VH      | VERMILION HALL                                       |
| 4. TorH    | TORRANCE HALL                   | 28 BH      | BURNSIDE HALL  |
| 5.         | PROVOST RESIDENCE               | 29 GH      | GRIGGS HALL  |
| 6. AI Apts | ALWORTH APARTMENTS              | 30 LSH     | LAKE SUPERIOR HALL                                   |
| 7.         | ALWORTH RESIDENCE               | 31 HS      | HEALTH SERVICE                                       |
| 8. Adm     | ADMINISTRATION                  | 32 VApts   | VILLAGE APARTMENTS                                   |
| 9. Chem    | CHEMISTRY                       | 33 VC      | VILLAGE SERVICE CENTER                               |
| 10. MWAP   | MARSHALL W. ALWORTH PLANETARIUM | 34 StaApts | STADIUM APARTMENTS                                   |
| 11. MWAH   | MARSHALL W. ALWORTH HALL        | 35         | STADIUM & GRIGGS FIELD                               |
| 12. LSci   | LIFE SCIENCE                    | 36 LPS     | LUND PLANT SERVICES                                  |
| 13. MG     | MATHEMATICS - GEOLOGY           | 37 SBE     | SCHOOL OF BUSINESS & ECONOMICS                       |
| 14. KSC    | KIRBY STUDENT CENTER            | 38 MED     | SCHOOL OF MEDICINE                                   |
| 15. RHOC   | RESIDENCE HALL DINING CENTER    | 39 HS      | HEALTH SCIENCE LIBRARY                               |
| 16. SS     | SOCIAL SCIENCES                 | 40         | DULUTH FIRE STATION #4                               |
| 17. L      | LIBRARY                         | 41 JApts   | JUNCTION AVE. APARTMENTS                             |
| 18. BohH   | BOHANNON HALL                   | 42         | SAX BROTHERS MEMORIAL COMMUNICATION CENTER (WDSE TV) |
| 19. HE     | HOME ECONOMICS                  | 43 OApts   | OAKLAND AVE. APARTMENTS                              |
| 20. MPAC   | MARSHALL PERFORMING ARTS CENTER |            |  |
| 21. IE     | INDUSTRIAL EDUCATION            |            |  |
| 22.        | ROTC                            |            |  |
| 23. FH     | PHYSICAL EDUCATION FIELD HOUSE  |            |  |
| 24. PE     | PHYSICAL EDUCATION              |            |  |

# University of Minnesota, Duluth

The University of Minnesota, Duluth (UMD), became a coordinate campus of the University of Minnesota by legislative act on July 1, 1947. It was preceded by the Duluth State Teachers College (1921-1947) and the Duluth State Normal School (1902-1921). UMD, one of five coordinate campuses of the University, is directed by a provost who reports to the president of the University.

UMD students enjoy the benefits of a small university, particularly the close contact with faculty. Although many UMD students come from a nine-county region around Duluth, about 40 percent of them are from the Minneapolis-St. Paul area, and the rest are from other states and from more than 30 foreign countries.

UMD's unique campus, with its ski hill, arboretum, art museum, planetarium, new performing arts center, and other varied facilities, combines the seriousness of academic study with the opportunity for recreation on the campus, in the city, and throughout the Arrowhead country.

UMD's academic offerings include 5 two-year degree programs, programs leading to 10 bachelor's degrees, 17 master's degree programs, the specialist certificate program in educational administration in three areas, and the first two years of basic science study in medicine.

## COLLEGES, CURRICULA, AND DEGREES

### School of Business and Economics

The mission of the School of Business and Economics is to provide integrated programs of instruction, research, and service. To this end, the school attempts to provide students with the broad professional and cultural education necessary for leadership in either the private or public sector. The school's curricula are designed to enable students to acquire lifetime skills, a knowledge of and appreciation for business and economic principles, and an understanding of political, social, and economic systems. Recognizing its responsibility to serve the continuing education needs of the business, industrial, and public constituencies of the regional community, the school provides programs and encourages research that will contribute knowledge to and support the economic well-being of the region.

The School of Business and Economics includes four instructional departments, the Bureau of Business and Economic Research, the Center for Professional Development, the Center for Economic Education, and the Small Business Institute Program. The instructional departments are Accounting, Business Administration, Business and Office Education, and Economics. Three undergraduate professional degree programs are offered by the school: bachelor of accounting (B.Ac.), bachelor of business administration (B.B.A.), and bachelor of office administration (B.O.A.). The school also offers a two-year associate of office administration (A.O.A.) degree program, and, through the Graduate School of the University, a master of business administration (M.B.A.) degree program.

The three baccalaureate degree programs are designed to prepare students for entry-level careers in business, management, or administration. They share the following objectives:

- To encourage a well-rounded liberal arts education through completion of the prebusiness degree requirements and selection of broad-based liberal arts courses outside the school.
- To orient students to the basic tools and functional concepts of business management and administration and to equip them with the ability to apply acquired skills.

- To prepare graduates to enter management or administrative careers or to pursue graduate study.

The associate of office administration degree program is vocationally oriented but requires a broad liberal arts component as well as a vocational concentration in business and office skills courses. The program is designed to prepare graduates for careers in the secretarial or office administration field.

The Department of Business and Office Education offers majors in business and office education for the bachelor of applied science (B.A.S.) degree conferred by the College of Education. Students selecting these programs generally pursue careers teaching business and office education subjects at the junior high, senior high, or postsecondary vocational school level.

The Department of Economics offers majors in economics for the bachelor of arts (B.A.) degree conferred by the College of Letters and Science. The B.A. program is designed for students seeking a liberal education in economics or intending to pursue graduate work.

The M.B.A. program offered through the Graduate School is designed to prepare students for management careers in business, government, and nonprofit organizations such as labor unions, hospitals, and educational institutions. See the *Graduate School Bulletin* for further information about this program.

In addition to major programs, each department offers minor programs approved for various degree programs offered by other collegiate units at UMD.

## College of Education

The primary purpose of the College of Education is to provide preservice and in-service preparation for technical and human service careers in education, industry, and community agencies. Another purpose of the college is to enhance the quality of life and to respond to the needs for personal and professional development of its students, faculty, and staff.

The college offers the bachelor of applied arts (B.A.A.) degree with majors in art education (K-12, P-6, 7-12), home economics, music education (band, orchestra, choral 5-12, choral K-9), physical education, teaching English, teaching French, teaching German, teaching social studies, teaching Spanish, teaching communication, and teaching communication/theatre. The bachelor of applied science (B.A.S.) degree is offered with majors in business and office education (accounting, comprehensive, secretarial), communicative disorders, early child care and development, elementary education, health education, home economics education/family life, industrial education, industrial technology, kindergarten-elementary education, physical education, teaching broad area science/middle school-junior high, teaching earth science, teaching life science, teaching mathematics, teaching physical science, and vocational-technical education. Majors for the B.A.A. or B.A.S. that are entitled \_\_\_\_\_ education or teaching \_\_\_\_\_ are areas that are recognized for elementary and/or secondary teacher licensure. The College of Education also offers the associate in vocational teacher education (A.V.T.E.) degree, a specially designed curriculum to provide preparation for teaching in vocational-technical institutions.

The master of education (M.Ed.) degree program is designed to provide an opportunity for educational personnel to improve their professional competencies. Each student follows a program individually tailored to meet his or her needs and interests as a teacher in K-14 classrooms, as an auxiliary specialist, or as an educator of medical, business, industrial, or other noninstitutional instructional personnel. The master of industrial safety (M.I.S.) degree program is designed to prepare qualified personnel for safety supervision and management positions in business, government, and industry.

In addition to the degree programs, the college also offers a variety of licensure programs recognized by the Minnesota Board of Teaching. Included among these programs, in addition to elementary and secondary teaching licensure, are coaching, driver education, educational administration, prekindergarten, special education, specialization in reading, and vocational teaching licensure.

## School of Fine Arts

The School of Fine Arts comprises the Departments of Art, Music, and Theatre, the Marshall Performing Arts Center, the Tweed Museum of Art, and the Glensheen Mansion. Programs in dance are offered in the Theatre Department. The major purposes of the school are to provide quality instruction in the arts and to offer educational experiences that sharpen understanding and stimulate skillful and creative production and performance of these arts. These educational activities are designed to fit the needs of students seeking general and liberal educational goals as well as students desiring to prepare for teaching or for a professional life in the arts.

The school offers the bachelor of fine arts (B.F.A.) degree, with majors in art, art education, and theatre, and the bachelor of music (B.M.) degree, with majors in music education, performance (vocal, keyboard, band or orchestral instruments, and instrumental jazz), and theory-composition.

## College of Letters and Science

The College of Letters and Science has a four-fold mission: to provide an environment conducive to a broad liberal education, to help each student develop a foundation for a career by learning the substance and methods of an academic discipline, to foster significant scholarly research, and to serve the well-being of the community, state, and region. The central purpose of the college is to offer a liberal education.

The college offers two two-year degrees: the associate in arts (A.A.) degree with the option of a concentration in law enforcement (subject to approval by the Board of Regents) and the associate in science (A.S.) degree in dental hygiene. Graduates of the dental hygiene program must take examinations for licensure to practice.

At the baccalaureate degree level the College of Letters and Science offers both the bachelor of arts (B.A.) and the bachelor of science (B.S.) degrees. The B.A. is a traditional liberal arts degree, while the B.S. includes a strong technical or professional component within the major area. Majors in art, biology, chemistry, communication, computer science, earth science, economics, English, French, geography, German, history, interdisciplinary studies, mathematics, music, philosophy, physics, political science, psychology, sociology-anthropology, Spanish, theatre, and urban studies are offered for the B.A. degree. Majors in biology, chemistry, geology, mathematics, and physics are offered for the B.S. degree. While many of the majors for the B.A. or B.S. degrees are offered internally within the College of Letters and Science, a number of the majors are offered in cooperation with the School of Business and Economics, College of Education, and School of Fine Arts.

In addition to the associate and baccalaureate degree programs, the college also offers preprofessional programs in agriculture, agricultural education, dental hygiene, dentistry, engineering, fishery and wildlife management, forestry, journalism, law, medical technology, medicine, nursing, occupational therapy/physical therapy, optometry, pharmacy, theology, and veterinary medicine.

## School of Medicine

A two-year curriculum of basic medical and clinical sciences is currently offered with principal emphasis on the education of family physicians. Under arrangements with the University of Minnesota Medical School in Minneapolis, students completing the two-year

program at Duluth are accepted on a noncompetitive basis by the Medical School in Minneapolis for completion of their M.D. degree requirements. The school was established in 1972 and has 48 students in each entering class.

## **School of Social Development**

The School of Social Development is a professional school of social work with a broad social development focus upon the needs of social groups, communities, and the disenfranchised rather than a narrow focus on personal or family pathology or dysfunction. The school offers a master of social work (M.S.W.) degree program through the Graduate School, and a bachelor of social work (B.S.W.) degree program. The M.S.W. degree program is fully accredited by the Council on Social Work Education. Plans are underway to seek accreditation for the B.S.W. degree program.

Social development is a concept that refers to how well any social system meets a variety of human needs, from basic economic needs to interpersonal needs such as family cohesiveness and self-actualization. The school fosters an approach that is systemic, developmental, and preventive in its focus rather than solely ameliorative and remedial. The curriculum is organized around social work and social development values and methods. Courses and field experiences emphasize the need for participation by persons both individually and in groups in order to change those political and bureaucratic institutions that immediately affect them. By choosing among courses in social work processes, community organization and development, family and child welfare, administration, policy formulation and analysis, social planning, and program evaluation, students can prepare for a wide variety of professional roles in social development and social work.

## **Graduate and Professional Programs**

The University of Minnesota, Duluth, and its colleges offer a variety of graduate programs (with both Plan A and Plan B options) through the Graduate School of the University of Minnesota. Programs for the master of arts (M.A.) degree are offered in the fields of art, communicative disorders, education (elementary, secondary, art emphasis, and music emphasis), educational administration, educational psychology (school counseling), English, and history. The master of science (M.S.) degree is offered with majors in biology, chemistry, geology, and physics; and the master of social work (M.S.W.) degree may be earned in the field of social development. A two-year program leading to the specialist certificate in education is offered in elementary, secondary, and general school administration. The master of business administration (M.B.A.) degree program was established in 1976.

In addition to the graduate programs offered through the Graduate School of the University of Minnesota, graduate degree programs are offered by other units. The College of Education-Duluth offers a master of education (M.Ed.) degree program, a master of industrial safety (M.I.S.) degree program, and a sixth year program in educational administration. A professional program in medicine is offered by the School of Medicine-Duluth.

## **Exchange Program**

UMD has an exchange program with the College of St. Scholastica in Duluth and the University of Wisconsin-Superior that allows undergraduate students to take courses on one of the other campuses, if space is available, and pay the tuition charged on their home campus.



## Summer Session and Continuing Education and Extension

High school graduates may get a head start on college studies by taking UMD summer, extension, or correspondence courses. Schedules of classes are available from the UMD Summer Session and Continuing Education and Extension Office, 403 Administration Building, University of Minnesota, Duluth, Minnesota 55812; telephone (218) 726-8113.

### ADMISSION REQUIREMENTS

**General Information**—The criteria summarized below apply to undergraduate admission on the Duluth Campus to the College of Letters and Science, the School of Fine Arts, the School of Business and Economics, the College of Education, and the School of Social Development. The Dental Hygiene Program has additional requirements for admission beyond those listed in the general policy. The Graduate School and the School of Medicine have individual admission policies.

Students should indicate on their application the college or school to which they are seeking admission. Candidates for the master of education, the sixth year certification program for educational administrators, and the master of industrial safety program should apply to the College of Education. Students who have not established an education goal (i.e., "Major Undecided") should apply to the College of Letters and Science.

**Admission Policy for Freshmen**—Students ranking in the upper 50 percent of their high school class or with test score ranks above the fiftieth percentile (based on national norms) are admissible upon filing an application, regardless of residence. Students who do not meet these criteria must present evidence of probable success at UMD. Such evidence must include a test package from PSAT, ACT, SAT, or SCAT. These students are admitted on a first-come, first-served basis through UMD's Supportive Services Program. Students are given an assessment to identify areas in which their skills may need strengthening to assure a successful college experience. The assessment is required.

All students applying for freshman admission are required to submit a PSAT, ACT, SAT, or SCAT test package.

**Admission Policy for Advanced Standing (Transfer) Students**—Students who have attempted college-level work at other accredited colleges or universities are admitted to the undergraduate collegiate units if they meet the following criteria:

<i>Collegiate Unit</i>	<i>Credits Attempted</i>	<i>Cumulative GPA</i>
School of Business and Economics	1-74	1.80
	75 and over	2.00
School of Fine Arts, School of Social Development, College of Education, College of Letters and Science	39-84	1.80
	85 and over	2.00

*Note:* Students seeking admission to the College of Letters and Science and the School of Business and Economics must have completed successfully at least 75 percent of the work attempted.

The above criteria apply to nonresidents as well as to Minnesotans. Students who do not satisfy these criteria will be considered on an individual basis; high school records or test scores may be taken into account.

Transfer students who have completed an A.A. or B.A. degree at a community college or at another four-year college or university will be exempt from UMD's liberal education distribution requirements providing their degree program contains a minimum of 45 credits in courses comparable to the liberal education courses required at UMD.

## **Application Procedures**

Persons seeking admission to UMD are encouraged to apply early. An initial letter of inquiry should include a request for an application for admission and for any other necessary materials, and a statement of your plans for future study, including if possible the department or general field in which you expect to major.

You should return your completed application, with the necessary supporting materials, to the Admissions Office, 184 Administration Building, University of Minnesota, Duluth, Minnesota 55812. Specify the school or college (e.g., College of Letters and Science) to which you are applying. With your application you must enclose a check or money order for \$10, made payable to the University of Minnesota, Duluth, to cover the cost of processing the application. This credentials examination fee is not refundable. All students with previous college work must also submit *official transcripts of all college work*.

Acceptance for admission does not assure housing accommodations or financial assistance. Applications for admission, housing, and financial aid are made separately and should be filed with the appropriate offices.

Physically disabled students should note that most UMD buildings are accessible; however, disabled students are urged to contact the office of Services for Handicapped Students to arrange a pre-enrollment visit and to work out any unique problems regarding their attendance.

For more information, contact the UMD Admissions Office.

## **POSTADMISSION EVENTS**

### **Orientation**

During orientation, new freshmen and transfer students become familiar with all aspects of the campus community and environment. Activities are planned to assist new students in planning their academic programs and in registering for courses, as well as to acquaint them with the social and educational aspects of the University.

New students are informed of their orientation-registration dates for fall quarter beginning in April. Orientation sessions are scheduled in August and in early September. An orientation program for parents of new freshmen is held concurrently with the program for those freshmen. All new students must attend orientation. During winter and spring quarters, new students are notified of the date and time of orientation in their acceptance letters.

### **Health Clearance**

Students being admitted to UMD will be mailed a health history form, which, when completed and returned, will become part of their permanent medical records. This information is privileged and not available to anyone outside of the Student Health Service without the student's permission. A preadmission physical examination is not required.

## **FINANCIAL AIDS**

During the academic year 1980-81 more than \$10.4 million was provided to students at UMD through scholarships, grants, loans, campus employment, off-campus employment, and college work-study. Please refer to pages 32-37 of this bulletin for specific information regarding the various types of financial assistance.

For priority consideration, applications for financial aid must be submitted by the March 1 preceding the academic year for which assistance is being sought. Admission to UMD is required before an applicant is notified of award assistance.



For more information contact the Financial Aids Office, 101 Administration Building, University of Minnesota, Duluth, Minnesota 55812; telephone (218) 726-8581.

## STUDENT SERVICES

### Housing

Requests for information or assistance in securing accommodations in the residence halls or space in one of the five apartment complexes should be addressed to the Housing Office, 149 Lake Superior Hall, University of Minnesota, Duluth, Minnesota 55812.

Recreational and educational opportunities are an integral part of student life in all residence halls and on-campus apartments. Each residence area also has trained live-in staff available to assist students with concerns or problems. Recognizing the sometimes specialized housing needs of disabled students, the UMD Housing Office is committed to providing accommodations to meet those needs.

Students are encouraged to make housing arrangements during the winter or early spring prior to fall quarter registration. You may request a reservation for on-campus housing by sending an application-contract together with a \$50 nonrefundable deposit to the Housing Office. Application-contracts are available upon request. The reservation will be confirmed when the \$50 advance payment is received. You should not assume that confirmation of a reservation for housing is an assurance of admission to UMD.

Once your application is accepted and confirmed, the first installment payment of \$150 is due by July 1. The advance and installment payments are credited to the first quarter's room and board payment.

### *On-Campus Residence Halls*

Accommodations are available in the residence halls for both men and women. All residence hall rooms are furnished with beds, desks, chairs, and lamps. A pillow, one blanket, and weekly changes of bed linen are provided. Bedspreads are available on request at check-in time. Students should bring their own extra blankets, towels, and other personal necessities. Each hall provides study areas, television, lounges, vending machines, and laundry facilities. Most rooms are equipped with telephones. Meals are served in the dining hall on the upper campus. A variety of meal plans are available to residence hall students. Special accommodations are available to residents who have physical limitations.

### *On-Campus Apartments*

**Village Apartments**—This complex offers 76 modular apartment units, each housing four students. Located in a wooded grove on campus, the complex includes a student service center with lounges, game and conference rooms, a vending area, and laundry facilities. Each unit has two bedrooms, two bathrooms, a kitchen, and a dining-living room. Units are furnished except for bedding, dishes, and kitchen utensils. All utilities are included in the rent. The apartment units are grouped in clusters of four around a courtyard and are connected by lighted walks. These accommodations are not accessible to severely handicapped students.

**Stadium Apartments**—This three-building complex comprises 78 apartments and is located adjacent to a tree-bordered creek. Each apartment can accommodate four students and has two single bedrooms, one double bedroom, a bath and half-bath, kitchen, and living-dining area. Prospective residents should familiarize themselves with furnishings and plan to bring any extra items they may need or want. Apartments are furnished except for bedding, dishes, and kitchen utensils. All utilities are included in the rent.

**Junction Avenue Apartments**—Thirty-seven apartments are located in this two-building complex. Each apartment can accommodate four students. The apartments are fully furnished with the exception of bedding, dishes, and cooking utensils. All utilities except electricity are included in the rent. Each apartment has a kitchen, a bath, two bedrooms, and a dining-living area. The complex has apartments adapted for handicapped students.

**Oakland Avenue Apartments**—Ninety-eight apartments are located in this four-building complex. Each apartment has two bedrooms, a complete bath, a kitchen, and a dining-living area. Each apartment accommodates four students and is completely furnished except for bedding, dishes, and kitchen utensils. Utilities, with the exception of electricity, are included in the rent. The apartments are electrically heated.

**Munger Apartments**—Twelve apartments are located in this building. Each apartment has two bedrooms, a complete bath, a kitchen, and a dining-living area. Each apartment accommodates four students and is completely furnished except for bedding, dishes, and kitchen utensils. Residents are responsible for telephone installation and service charges as well as electrical use. The apartments are electrically heated.

## **Off-Campus Housing**

Listings of available privately owned off-campus housing facilities for students are maintained in the Housing Office, 149 Lake Superior Hall. Arrangements for off-campus housing are the responsibility of the individual student. Ordinarily, off-campus living accommodations are rented by the month, and many landlords require an advance deposit. You should be certain that the accommodations are acceptable before making a deposit, and you should establish the exact rental period. You should notify the Housing Office if problems arise later concerning living conditions.

The UMD food service provides a variety of meal plans for students who live off campus.

## **Counseling, Career Development and Placement**

The Counseling, Career Development and Placement Office helps students deal with problems they may encounter during their college careers. Students may receive personal, confidential counseling assistance with any problem, including adjustment to the college environment, interpersonal relationships, academic difficulties, chemical dependency, anxieties, choosing college majors or careers, or other concerns.

To assist with the counseling and career development process, counselors have available a wide range of appropriate tests, bulletins of information on admission testing for professional or graduate schools, and reference materials that students may use at any time to learn about many different occupations and careers. Career planning assistance is available through both personal counseling and group sessions.

Seniors and alumni who wish to file or reactivate placement papers will receive assistance in seeking and finding employment. The staff provides year-round services to help students learn résumé writing and other skills useful in seeking employment, brings graduates into contact with school administrators and other prospective employers, and makes available current information regarding career opportunities.

Appointments may be scheduled in advance by writing, calling, or visiting the Counseling, Career Development and Placement Office, 139 Administration Building.

## Veterans and War Orphans

See pages 37-38 of this bulletin for general information. For further assistance and for presenting eligibility certificates, inquire at the Veterans Outreach Office, 16 Administration Building.

## Library

The UMD Library contains approximately 250,000 volumes and 45,000 volumes of microtext, and subscribes to about 3,000 magazines, newspapers, and other serials. It also has rapid access, through the University of Minnesota Libraries system and the MINITEX network, to a total of over 3 million volumes in the major libraries of the state.

There are departmental collections housed in geology, chemistry, and physics. The Library is equipped to handle computer searches of medical and chemical literature through the national data base systems of MEDLINE, SDC, Lockheed, and BRS.

Besides the usual types of reading and study areas, late night study halls are available for student use.

## Health Service

The Student Health Service, located at 1215 East University Circle, is open from 8 a.m. to 4:30 p.m. Monday through Friday. Services available to students who have paid the student health service fee include general outpatient medical care, gynecologic services, laboratory and X-ray services, medications (sold at cost), minor surgery, and sports medicine.

Emergency room visits for injuries are paid by most health insurance policies, including the student policy available through UMD, or by the students if they have no insurance. Routine illnesses treated in emergency rooms are not paid by most insurance policies. Health insurance coverage is necessary to pay for outpatient laboratory and X-ray examinations as well as for hospitalization.

## STUDENT LIFE PROGRAMS

### Kirby Student Center

Kirby Student Center is the focus of nonacademic, cocurricular student activities on the UMD campus. Lounges, meeting and activity rooms, eating areas, and office space for student organizations are housed here. The games room, besides providing an area for games, includes outdoor recreational equipment rental. The center also serves as the main source for information about activities, programs, and services for the University community.

### Kirby Program Board

The Kirby Program Board is responsible for initiating and coordinating social and curricular activities. Its committees organize programs that include concerts, films, lectures, coffeehouse entertainment, and other special events. The board also administers grants enabling individuals or groups to pursue special interest projects.

The University offers students the opportunity to attend a varied series of lectures, concerts, and dramatic performances presented by students and faculty as well as guest artists and lecturers. The School of Fine Arts, Kirby Program Board, and the more than 100 organizations join to bring to the campus noted American and international attractions. Information on these and community programs can be obtained by contacting the Kirby Student Center Information Desk.

## Student Government

The Student Association, better known as SA, is the student governing body of UMD. It is a representative system of governance that is open to any UMD student. SA provides an arena where existing University policies may be discussed and new policies recommended to meet the demands of an ever-changing University. Its cabinet consists of the president, administrative assistant, and three vice presidents. The vice presidents are in charge of academic affairs, business affairs, and student affairs.

## Student Organizations

Where the interests and welfare of students are apparent, special interest groups, governing councils, boards, and committees composed of students, staff, and faculty have been created to serve those students.

More than 100 registered student organizations are active in such areas as theatre, athletics, religion, academic and departmental concerns, and political and social action. In addition, there are both social and service sororities and fraternities as well as honorary and special recognition clubs and societies. A list of these organizations is available in the *New Student Handbook* and in the student activities area of Kirby Student Center.

## Intercollegiate, Intramural, and Recreational Programs

**Intercollegiate Athletics**—A wide variety of varsity sports for which credit may be earned is available to all UMD students. UMD is a member of the Northern Intercollegiate Conference, the Western Collegiate Hockey Association, the Central Intercollegiate Ski Association, and the Northern Sun Conference. Conference contests are held at Griggs Field (football, track and field); the Duluth Arena (ice hockey); Wade Stadium (baseball); the Physical Education Building (basketball, volleyball, wrestling); UMD courts and fields (tennis, softball); the UMD pool (swimming and diving); and the two Duluth municipal golf courses (golf, cross-country).

**Recreational Sports**—This program has expanded to offer a variety of sport activities for men, for women, and for men and women together. Intramural activities include broomball, cross-country and downhill skiing, ice hockey, track and field, touch football, soccer, bowling, racquetball, golf, tennis, softball, table tennis, badminton, basketball, volleyball, and swimming.

A synthetically surfaced Field House, with an indoor track and tennis courts, is available for recreational use on evenings and weekends. The swimming pool is open on weekdays and weekends for recreational swimming. A weight training room is also available.

**Recreation**—Virtually all seasonal sports and recreational activities may be enjoyed in the UMD area. Close to the campus is a well-groomed series of cross-country ski trails, and a 15-minute drive from the campus is the Spirit Mountain ski and recreational area, offering downhill runs as well as cross-country trails. Canoeing is another recreational option, with a lake right on campus. Qualified students may use sailboats owned by UMD on St. Louis Bay, which offers a spectacular view of the entire Duluth hillside. Two championship caliber municipal golf courses are open from May until mid-October. Both stream and lake fishing are available within minutes of the campus. The entrance to the Boundary Waters Canoe Area is a three-hour drive from UMD.

## Music, Theatre, Art, and Dance

Students interested in the fine and performing arts may take an active part in theatre, band, dance, chorus, orchestra, jazz, opera, and chamber music groups.

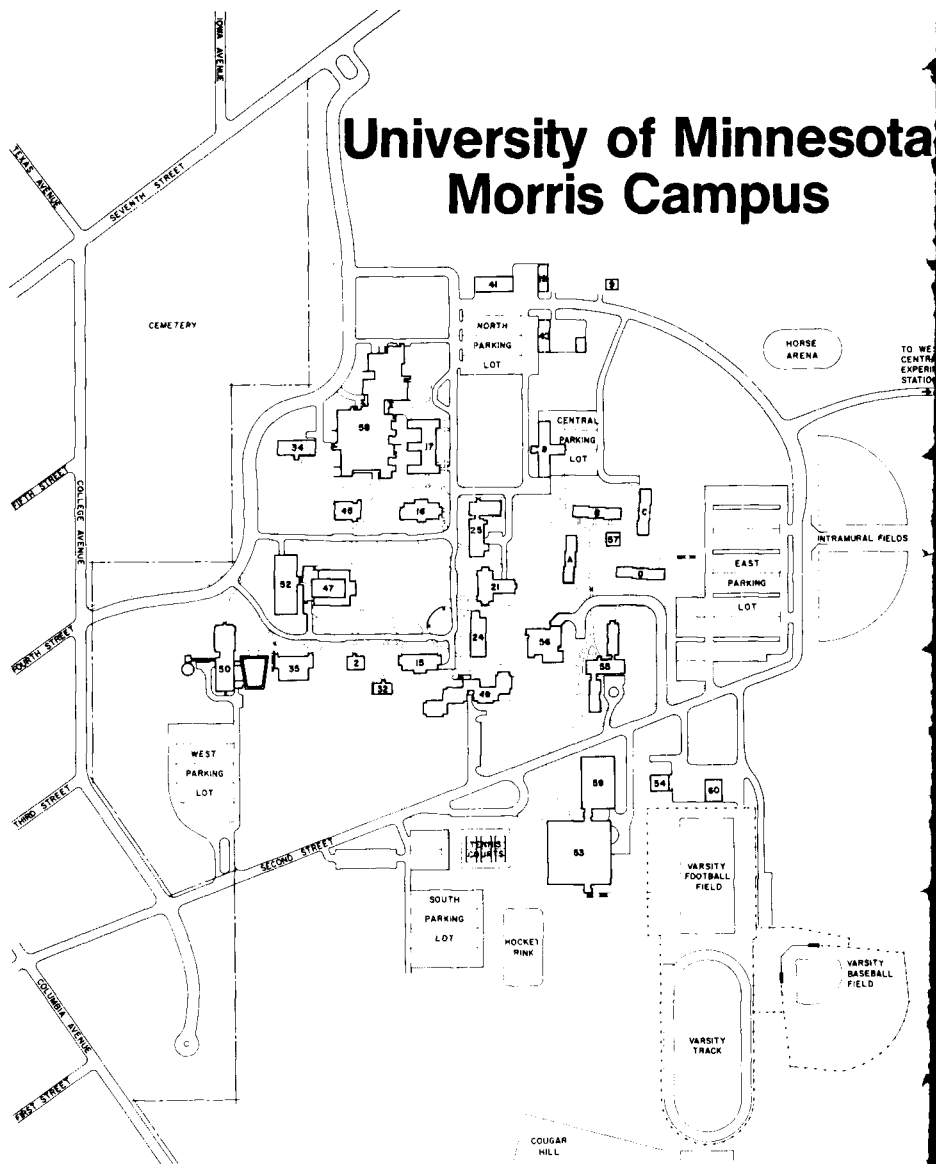
The University Theatre and Summer Repertory Theatre stage nine major productions annually in the Marshall Performing Arts Center, including musicals, serious dramas, and comedies. All University students, regardless of major or vocational interest, are encouraged to participate. Credit is available for all phases of production work. Courses are also offered in dance.

The Department of Music offers a diversity of groups for vocal and instrumental musicians. All of these groups give regular campus concerts, some tour the state, and selected groups give concerts in other states and nations.

The Department of Art offers many courses of general interest in art education, graphic/commercial art, studio work, and art history. The Tweed Museum of Art is available to students interested in its activities and exhibitions. A variety of student exhibits as well as professional art shows are held at the museum throughout the year.



# University of Minnesota Morris Campus



## BUILDINGS

- |                                |                              |
|--------------------------------|------------------------------|
| 21 Behmler Hall                | 35 Physical Education Annex  |
| 24 Blakely Hall                | 53 Physical Education Center |
| 16 Camden Hall                 | 34 Pine Hall                 |
| 49 Clayton A. Gay Hall         | 52 Rodney A. Briggs Library  |
| 17 Community Services          | 8 Saddle Club Barn           |
| 47 Edson Hall                  | 50 Science and Mathematics   |
| 32 Education                   | 19 Seed House                |
| 56 Food Service                | 60 Shops                     |
| 40 Grounds Shop                | 25 Social Science            |
| 54 Heating Plant               | 15 Spooner Hall              |
| 45 Humanities                  | 9 Storage                    |
| 58 Humanities-Fine Arts Center | 57 Student Apartments (A-D)  |
| 55 Independence Hall           | 59 Swimming Pool             |
| 57 Office of Residential Life  | 41 Transportation Garage     |
| 2 Old Music Hall               |                              |

## DEPARTMENT/AREAS

- |                                    |                                    |   |
|------------------------------------|------------------------------------|---|
| 21 Academic Dean                   | 41 General Services                | 16 Prairie Gate Press                                 |
| 21 Admissions                      | 49 Health Service                  | 21 Provost's Office                                   |
| 58 Audio Visual                    | 57 Housing/Residential Life Office | 21 Police-Campus Security                             |
| 17 Bookstore                       | 45 Humanities Division             | 17 Post Office  |
| 21 Business Office                 | 25 RRCCD                           | 21 Records Office                                     |
| 17 Community Resources Development | 47 KUMM Studio                     | 16 Social Science Division Office                     |
| 16 Computer Center                 | 2 MPRIG                            | 47 Student Activities                                 |
| 50 Conservatory                    | 17 Midwest Studies in Philosophy   | 47 Student Association                                |
| 17 Continuing Education            | 2 Minority Student Program         | 2 Student Newspaper                                   |
| 21 Counseling Service              | 17 Morris Learning Center          | 47 Union Board  |
| 47 Drug Information Center         | 17 Older Adult Program             | 21 University Relations                               |
| 17 Duplicating                     | 53 Physical Education Office       | 52 West Central Minnesota Historical Research Program |
| 32 Education Division Office       | 17 Placement Service               | 2 Women's Center                                      |
| 25 Fantasy Project                 | 16 Plant Services                  |   |
| 21 Financial Aids                  |                                    |   |

♿ BUILDINGS WITH HANDICAPPED FACILITIES



# University of Minnesota, Morris

The University of Minnesota, Morris (UMM), created by action of the Board of Regents in 1959, is a four-year liberal arts college of the University that occupies a spacious campus adjacent to the city of Morris and is located about 150 miles west of the Twin Cities. The guiding principles in its development have been selective admission, controlled growth, and academic excellence in an intimate living-learning atmosphere.

UMM shares the major purposes of the University as a whole—instruction, research, and service. As one of the University's three liberal arts colleges, it offers curricula based on the concept of a broad academic background that includes a foundation in three general areas of knowledge—the humanities, mathematical and natural sciences, and social sciences. The college offers basic preparation for most of the professions as well as for business, teaching, the creative arts, and several other specialized occupational areas. Teacher preparation for licensure is offered in elementary and secondary education. Secondary education students can select majors from a broad range of programs.

The central mission of the Morris campus is the cultivation of critical intellect, creative expression, and humane sensibility in a context that affirms their immediacy and their integral importance to successful life and work. This mission, together with UMM's size, flexibility in formulating programs and policy, and intense commitment to a spirit of community, provides the campus with its special character. UMM provides a liberal arts education within a community dedicated to reflecting the scholarly and creative growth of its members in the daily life of the institution.

UMM is fully accredited by the North Central Association of Colleges and Secondary Schools. Professional accreditation in elementary, secondary, and physical education has been granted by the National Council of Accreditation of Teacher Education and the Minnesota Department of Education.

## CURRICULA AND DEGREES

UMM awards one degree, the bachelor of arts (B.A.). Academic majors presently offered include art history, studio art, biology, chemistry, economics, business economics, elementary education, English, European studies, French, geology, German, health, history, Latin American area studies, liberal arts for the human services, mathematics, music, philosophy, physical education, physics, political science, psychology, social science, sociology, Spanish, speech communication, and theatre arts. Supporting course work is also offered in humanities, computer science, and anthropology. Students who have decided to enter a professional school either within the University of Minnesota or at some other institution may begin preprofessional training in more than 25 areas at UMM.

An individualized curriculum program called Option II permits students to follow either a relatively traditional curriculum or an individualized curriculum. The latter provides a great deal of flexibility in meeting the educational needs of students who enter with diverse backgrounds. Individually designed educational activities are available in the form of internships and study abroad programs. Nontraditional students are served through the Morris Learning Center and the University Without Walls degree program.

UMM offers an A-B-C-No Record grading system that encourages broad intellectual experimentation. The primarily residential character and small size of the institution allow for individualized instructional opportunities, personal counseling by faculty and staff members, many kinds of faculty-student interaction, and, in general, a strong teaching-learning community.

Opportunities are also provided for each student to participate in the extracurricular activities of many varied groups such as drama, art, radio, political, and service clubs; vocal and instrumental music groups; religious organizations; student publications; fraternities and sororities; student government; intramural and intercollegiate athletics.

## **Continuing Education, Regional Programs, and Summer Session**

Opportunities are provided for beginning or continuing college studies, participating in conferences and workshops, and receiving academic and educational advising. Programs include evening and summer credit courses, noncredit workshops, and the University Without Walls degree program. Schedules and information are available in 226 Community Services Building.

## **ADMISSION REQUIREMENTS**

### **Freshman Admission**

Admission of freshmen to the University of Minnesota, Morris, is determined by a combination of high school rank percentile and test scores. For those taking the Preliminary Scholastic Aptitude Test (PSAT), the total of the high school rank percentile plus the PSAT mathematics standard total plus the verbal standard score must equal at least 125. Those taking the ACT must have a minimum score of 85 based on high school rank percentile plus two times the ACT composite standard score.

Applicants who do not meet the freshman admission standards will be individually reviewed, using a set of multiple criteria including test scores, high school rank, a weighted prediction of the college grade point average based on the ability tests, other relevant test information, distribution of high school courses, the applicant's own evaluation of potential for success in college, recommendations of high school officers, and interviews with the student. Students within this group with the best potential for successfully completing a collegiate program will be admitted.

### **Admission as a Transfer Student**

Students who have finished a year or more of college work at an accredited college or university may, if qualified, be admitted with advanced standing, that is, with credits transferred for appropriate courses satisfactorily completed.

Applicants must submit official transcripts of all work taken, whether completed satisfactorily or not, from every college attended. They should apply and file all transcripts with the UMM Office of Admissions well in advance of the quarter of entrance.

Transfer students with at least one year of work at an accredited college or university who have maintained at least a C average in all credits attempted at their previous institution are usually admitted. Students who have had less than a year of college work must meet the requirements for freshman admission (see above) and must file transcripts of their college work as well.

### **Admission as a Part-Time or Special Student**

Persons who wish to take individual courses or groups of courses to meet special educational or personal needs rather than to complete degree programs may be considered for admission as special students. Usually these applicants are college graduates who are not pursuing specific educational goals or majors, or high school students who seek educational enrichment. Special students are admitted initially only for one quarter, and their work is subject to review by the Office of Admissions every quarter thereafter. They are not degree candidates but may later seek candidacy for a degree. Information about changing from special student classification to degree candidacy may be obtained from the Office of Admissions.

## APPLICATION PROCEDURES

Students should submit an application, an official high school transcript, an official transcript from each college previously attended, and a \$10 application fee to the Office of Admissions, University of Minnesota, Morris, Minnesota 56267. Applications should be submitted by September 15 for fall quarter, December 15 for winter quarter, and March 15 for spring quarter.

For more information, consult the *Morris General Bulletin*; contact the Director of Admissions, University of Minnesota, Morris, Minnesota 56267; or call toll free in Minnesota, (800) 992-8863, or collect, (612) 589-2116.

## POSTADMISSION EVENTS

### New Student Registration

New first-year and transfer students will select one of three registration days and will be asked to come to the campus to work with UMM advisers to plan their curriculum and register for classes. New students will receive detailed information regarding these registration periods after they have been admitted. New students enrolling for winter or spring quarter will register immediately prior to the first day of classes.

### Orientation

New students entering in the fall who have not previously attended a college will come to the University of Minnesota, Morris, three days before the beginning of fall quarter classes for orientation. New students with advanced standing are expected to attend the portion of orientation pertinent to their needs.

Orientation is designed to familiarize new students with the policies, facilities, personnel, and curriculum of the University of Minnesota, Morris. It is a time when new students begin to become fully participating members of the UMM community and to experience the social-intellectual stimulation that is basic to the process of higher education.

A special orientation-registration day is held for students transferring from other colleges and former UMM students planning to return. This normally occurs just prior to the beginning of a new quarter (in September, December, and March).

## FINANCIAL AIDS

The financial aid program at UMM is designed to permit the distribution of various types of financial assistance in the manner that meets the needs of the greatest number of students. Financial aids include scholarships, grants-in-aid, loans, and student employment opportunities. They are offered singly or in combination to provide, along with students' own resources, the funds necessary to meet college expenses.

Students who are applying for any form of financial aid must submit a Family Financial Statement (FFS) in order to establish need. The FFS may be obtained from high school counselors or from the Office of Financial Aid at UMM. The completed form must be submitted to the American College Testing Program (ACT) by May 1 prior to the fall quarter of expected enrollment. ACT, which assists colleges and universities in determining a student's need for financial assistance, then sends the UMM Office of Financial Aid a needs analysis along with a copy of the FFS.

Once the FFS is received by UMM, the student will be considered for all types of financial aid, including scholarships, grants, loans, and employment. The one exception to the May 1 deadline is the Minnesota State Scholarship and Grant Program, which requires that the FFS be submitted by March 1. Students should contact their high school counselor or the Office of Financial Aid at UMM for application forms or for further information.

## STUDENT SERVICES

### Housing/Residential Life

Choice and variety of buildings and living styles are important aspects of residence living at the University of Minnesota, Morris. There are five residence halls and four apartment buildings housing 1,050 students, approximately 60 percent of the total student body. The halls offer variety in architectural style and size, from traditional to contemporary structures that house from 45 to 250 students.

All new students are encouraged to live in the residence halls during their first year at Morris. Living on campus provides them with the best opportunity to meet new friends and become acquainted with the activities and facilities at UMM, and enables them to benefit from the personal and social learning experiences that exist in a group living situation. If commuting students simply attend classes and then return home, they can miss some excellent opportunities to meet new people, form new friendships, and participate in the many learning experiences available at UMM. No one is required, however, to live on campus.

### Residence Hall Options

**BLAKELY HALL** is one of the original residence halls on the UMM campus. Offering a central location to the campus and a homelike atmosphere, Blakely accommodates approximately 70 students in a coed by alternate floors arrangement.

**CLAYTON A. GAY HALL** (I and II) accommodates 235 students in a "house" arrangement with 35 men and/or women living on each floor. Gay Hall is coed by wing and floor and has an open and limited visitation guest policy. There are two separate lounge areas and kitchenette-utility rooms on every floor.

**INDEPENDENCE HALL** is the newest residence hall, accommodating 250 students in double rooms with 20 students living in each wing. Here, too, are kitchenette-utility areas on each floor. A co-educational living situation is offered, by wing, along with open visitation.

**PINE HALL**, known and chosen for its uniquely private location on the campus, offers the personal freedom of single rooms while providing an open atmosphere for upperclass students to interact. Pine is coed by alternate floors and has an open guest visitation policy.

**SPOONER HALL** is a traditional style residence hall. Designed to accommodate 90 students, it features large rooms and a distinctive, comfortable atmosphere. Arranged with alternate coed floors, Spooner has an open guest visitation policy and is reserved for upper class students.

**RH4 APARTMENTS**, newest housing complex at UMM, offer facilities for 288 students. The four-person apartments in the complex have wall-to-wall carpeting, two double bedrooms, a kitchen-living room, and a private bath. They provide the privacy of off-campus living with the convenience of being on campus.

For more information and applications, students should write to the Director of Residential Life, University of Minnesota, Morris, Minnesota 56267.

### Table of Quarterly Room and Board Payments<sup>1</sup>

(Rates during summer sessions are approximately the same as the rates shown)

Room and board rates shown below are subject to change. The rates shown are for double occupancy, except for Pine Hall, which has single rooms only.

	<i>Blakely, C. A. Gay, Independence Halls</i>	<i>Pine Hall</i>	<i>Apartment- ments</i>	<i>Spooner Hall (Jrs &amp; Srs)</i>
Facilities Charge				
Housing	\$264	\$315	\$330	\$264
Food Service	<u>154</u>	<u>154</u>		<u>98</u>
Subtotal	418	469	330	362
Food Coupon Maximum	<u>154</u>	<u>154</u>		<u>98</u>
Room and Board Package	\$572	\$623	\$330	\$460

<sup>1</sup>The quarterly room and board fees are due at the end of the first week of classes.

Students selecting residence hall accommodations (not including the campus apartments) may purchase up to 11 sheets (7 for Spooner) of food coupons at the rate of \$14 per sheet. Coupon prices reflect only the cost of food and related supplies. Students are not required to buy a specific number of coupons.

The facilities charge includes all costs for housing and food service operations except food and related supplies and damages. Included are labor, maintenance, utilities, mortgage costs, and other expenses.

### **Super Singles and Single Rooms**

A limited number of single spaces are available in double rooms (super singles) in Blakely, Gay, Independence, and Spooner Halls at a rate of \$75 more per quarter than for shared accommodations. Also in these halls (except Spooner), rooms designed for one person only are available for \$60 more per quarter than the rates for shared accommodations. As space permits in apartments, single bedrooms are available for \$90 more per quarter than for shared accommodations.

### **Off-Campus Housing**

Morris has a relatively wide range of rental units available for men and women who desire to live off campus. Listings of off-campus housing are available at the Residential Life Office.

Most off-campus apartments and houses are taken in the spring preceding the beginning of fall quarter. The Residential Life Office has files on off-campus living accommodations including such information as whom to contact, costs, and living restrictions. In addition, the office has a list of guidelines that informs students of renters' privileges and responsibilities. The Residential Life Office can also be contacted for assistance in any tenant-landlord problems that may arise.

### **Counseling**

Members of the Student Counseling Service staff, who have professional training in psychology, guidance, and counseling, as well as specifically trained paraprofessional volunteers and interns, assist students with program planning, reading and study problems, educational and vocational decisions, emotional conflicts, or other problems that interfere with optimum personal growth. Part of the Counseling Service office is set aside as a browsing area where students may find information about graduate schools and careers.

While their primary function is short-term individual and group counseling, the staff members also coordinate the academic advising program, assist in planning and conducting first-year orientation-registration, supervise various testing programs, and conduct institutional research. Because the counseling service sees its role as preventive rather than curative, it presents a series of workshops and brings in outside consultants to address the ongoing needs of the University community. Students without serious problems are still encouraged to seek counseling if they wish to explore personal philosophies and goals.

### **Library**

The Rodney A. Briggs Library houses a carefully selected collection of approximately 130,000 volumes. The library is located in a new building that provides excellent facilities for access to and use of its materials.

As part of the University of Minnesota, the library has access to the vast resources of the University Libraries system described earlier in this bulletin.

## **Health Service**

All regularly enrolled students who pay the health service fee may use the UMM Health Service located in the Clayton A. Gay Residence Hall. The following clinic services are free of charge to these students: outpatient treatment of injuries and illnesses, immunizations, medications, certain laboratory work, and some physical therapy. All Health Service records are confidential. Students should report emergencies and illnesses requiring a physician's care directly to the Health Service. When the Health Service is closed, students may use the Stevens County Memorial Hospital emergency room.

Because the health service fee does not pay for inpatient services at a hospital, either medical or surgical, all students should have insurance to cover these costs. Mutual of Omaha offers student health insurance through the Health Service. Application forms are sent with registration materials.

## **STUDENT ACTIVITIES**

### **Student Organizations**

Student activities are an important aspect of the educational experience at UMM. Campus governance, student organizations, and sports and recreation provide an outlet for students to give expression to their talents and interests.

The Campus Assembly includes students elected by the student body to serve in the campus legislative body.

### **Campus Governance**

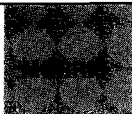
The Morris Campus Student Association (MCSA) is the governing body established to represent student interests. During spring quarter, the students elect the president and vice president of MCSA as well as students who serve in the UMM Campus Assembly.

A system of committees has a substantial role in the governance of UMM. These committees consist of joint student, faculty, and administrative membership. Students have the same voting privileges as the faculty members and, in some instances, the students constitute the majority of the membership. Student members are thus instrumental in determining committee policies. These committees provide a continuous forum for student-faculty dialogue in areas of concern to the entire University community.

### **Campus Programming**

Opportunities for involvement in the educational, social, cultural, and recreational programming of the college are available at two levels. Students may be participants or spectators, or may contribute to program planning, promotion, and management through involvement with the many campus organizations that sponsor events. A large number of student organizations and residence hall groups stage events and programs of their own.

The Morris Campus Union Board (MCUB) sponsors a wide variety of events ranging from the educational to the purely entertaining. MCUB is a standing student-faculty committee of the Campus Assembly with major responsibility for social, cultural, and recreational programs. MCUB has six student subcommittees: the Coffeehouse Committee, which brings solo or small groups of performers to the campus; the Convocations Committee, which schedules speakers and workshops on educational topics; the Concert-Dance Committee, which arranges major popular concerts and dances for the college; the Film committee, which sponsors popular, foreign, and documentary films; the Performing Arts Committee, which plans presentations of dance, theatre, and musical groups brought to the campus; and the Special Events Committee, which organizes annual festivals such as Homecoming, Snow Days, and Spring Activities.



The student newspaper, the *Morris Weekly*, is published weekly. The campus also has a student-operated FM radio station, KUMM, that provides news, music, and educational programs from 7 a.m. to 2 a.m. daily.

## Religious Organizations

Religious foundations provide fellowship, service, and religious activities for students. The Christus House and Newman Center coordinate the religious activities of Protestant and Catholic students, providing a diverse program of events throughout the year. The Inter-Varsity Christian Fellowship offers an opportunity for students to meet together in Bible study and prayer.

## Clubs, Fraternities, and Sororities

Some of the other active campus organizations include the Art Club, Beta Sigma Psi Fraternity, Biology Club, Black Student Union, Chemistry Club, Chess Club, Cougarettes, Physics Club, Economics Club, Saddle Club, Morris-Minnesota International Student Association (MO-MISA), Geology Club, Ham Radio Club, International Relations Club, Photo Club, Psychology Club, Soccer Club, Softball Club, Letter Club, Lutheran Collegians, Math Club, Morris Meiningens, Native American Student Association, Outdoor Club, Student Minnesota Education Association, Tau Kappa Epsilon Fraternity, Women's Center, Cheerleaders, Debate and Forensic Association, and Minnesota Public Interest Research Group (MPIRG).

## Fine Arts Programs

The MCUB Performing Arts Series sponsors several performances each year by artists of national and international stature. The series includes opera, ballet, classical music, and drama.

The UMM art faculty arranges regular exhibits in the Art Gallery during the year. These exhibits offer original works of recognized artists from many periods and mediums, as well as displays of paintings, drawings, and sculptures by UMM students and faculty.

University theatre students and faculty produce classical and contemporary plays each quarter during the academic year. In addition, the Morris Meiningens, a group dedicated to providing theatre experience for its members, offers dramatic productions.

Concerts are scheduled throughout the year by the UMM Concert and Stage Bands, the University Choir, the Chamber Choir, Jazz Ensembles, and Jazz Combos. Student and faculty recitals, vocal and instrumental, are frequently scheduled for student and community enjoyment.

Frequently changed displays of rare books are exhibited in the library. Included are general and specialized exhibits of books ranging from the medieval period to modern times.

## Sports and Recreation

Recreational activities and organized sports are important features of life at the University of Minnesota, Morris.

Since their inception, the intercollegiate and intramural athletic programs have aimed to contribute to individual participants' general education. Through these voluntary athletic and recreational experiences, students have the opportunity to achieve a high level of personal fitness. The physical education and athletic staff is dedicated to helping individual participants realize this goal.

On the varsity level, UMM is a member of the Northern Intercollegiate Conference (NIC). The UMM Cougars compete in seven sports within the NIC, including football, basketball, wrestling, baseball, golf, tennis, and track and field. UMM is also a member of the National Collegiate Athletic Association, Division III.

In women's varsity athletics, UMM is a member of the Northern Sun Conference and of the Association of Intercollegiate Athletics for Women, Division III. UMM women compete in volleyball, basketball, track and field, tennis, and swimming.

The intramural program at UMM is designed to promote active, voluntary participation in a variety of sports by all students.

The men's intramural program, under the auspices of the UMM Men's Intramural Council, features more than 40 different types of activities. Seasons of competition are scheduled in flag football, basketball, volleyball, and slow pitch softball. Tournaments and events are also planned in golf, tennis, badminton, cross-country, archery, water polo, broomball, bowling, and wrestling.

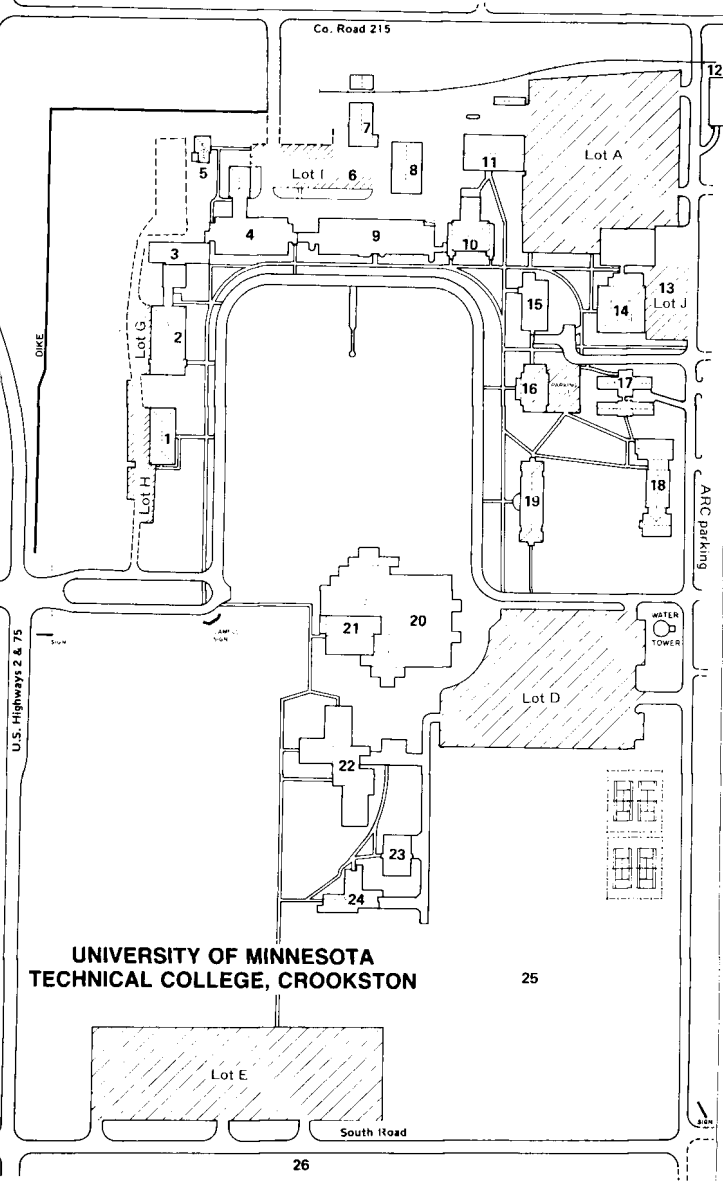
The women's intramural program, under the direction of the UMM Women's Intramural Council, provides a diversified activity program for women students. Seasons of competition are scheduled in flag football, basketball, bowling, volleyball, and softball. Tournaments in tennis, badminton, table tennis, shuffleboard, and archery are scheduled. One-day events in cageball, track and field, aquatics, and bike trips add variety to the program.

Coeducational recreational activities are also a vital part of the total program. Mixed doubles in tennis, badminton, and golf along with coed football, volleyball, and broomball are ongoing events. A number of sports clubs have been organized as a result of student-faculty interest. Judo, karate, gymnastics, and saddle clubs have many enthusiastic members.

A wide variety of leisure-time recreational opportunities are available to all students. There are pool and table tennis facilities in the residence halls, and a pool room is located in Edson Hall. The UMM Outdoor Recreation Center, located in the basement of Edson Hall, provides a canoe, cross-country ski, and camping equipment rental service. In addition, the center offers a wide variety of instructional workshops on recreational topics. Swimmers and divers spend many hours in the new regulation NCAA/AAU pool and separate diving tank. Two skating rinks and a toboggan run are located on campus for winter use.

Finally, for the outdoor enthusiast, nature provides excellent recreational facilities for fishing, hunting, boating, and skiing within a few miles of the Morris campus. An outdoor sports club is active on the campus.





**Legend**

1. Robertson Hall
2. Kiehle Building
3. Library
4. Dowell Hall and Annex
5. White House
6. Handicapped and Visitor Parking
7. Heating Plant
8. College Garage
9. Food Service Building
10. Bede Hall
11. Kiser Building
12. Hoop House
13. Visitor Parking
14. Owen Hall and Annex
15. Hill Hall
16. Selvig Hall
17. Greenhouse
18. Agricultural Research Center
19. McCall Hall
20. Gymnasium
21. Knutson Hall
22. Skyberg Hall
23. Skyberg Annex
24. Brink Hall
25. Intramural Athletic Fields
26. Intercollegiate Athletic Fields

**UNIVERSITY OF MINNESOTA  
TECHNICAL COLLEGE, CROOKSTON**

# University of Minnesota Technical College, Crookston

The University of Minnesota Technical College, Crookston (UMC) offers technical education in a rural agricultural setting. UMC recognizes that preparation for employment is an essential component of a college education. The college also recognizes that general education course work must supplement technical education course work to complete the academic experience. The UMC curriculum combines both general and technical subjects, with a practical emphasis. The programs offered by the college are designed to prepare individuals not only for entering an occupation or profession but also for adapting to job changes that may be encountered during a working career.

UMC offers programs of study in agriculture, business, home and family services, and hotel, restaurant, and institutional management to students desiring college-level preparation of two or more but less than four years' duration. The programs emphasize an appropriate blend of technical skills, management capabilities, leadership development, and general education. Graduates of UMC are qualified for employment at the midmanagement and semiprofessional levels in agriculture and technical areas as well as in service to rural homes and communities. Although the focus of the programs is on preparing students to find employment when they graduate, approximately one-fourth of UMC's graduates transfer directly to baccalaureate programs.

The site of the college is the former campus of the University's Northwest School of Agriculture, located one mile north of Crookston in the Red River Valley, one of the world's richest agricultural areas. College facilities on the 97-acre campus include many well-equipped special purpose laboratories to support the instructional programs. New facilities for the animal science program include a large indoor arena and stable located adjacent to the Winter Shows building. The attractive grounds include flower gardens that border a spacious mall, and a natural history area containing virgin prairie land. New facilities include a library addition; a food service and hotel, restaurant, and institutional management classroom building; a student center; and a new physical education facility (indoor and outdoor).

UMC is accredited by the North Central Association of Colleges and Secondary Schools.

## CURRICULA AND DEGREES

The college offers 26 academic programs in agriculture; 22 in business; 4 in home and family services; and 6 in hotel, restaurant, and institutional management. The General Education Division provides a broad background in such subject areas as communications, psychology, the sciences, and the fine arts. A unit of internship training is part of each student's program. The associate in applied science degree is awarded to graduates.

## ADMISSION

UMC has an open-door admission policy that admits students to the degree-granting divisions on the basis of a high school diploma or its equivalent. Physical examinations are not required for entrants, except for athletes. It is recommended that applicants present scores from the ACT, PSAT, or SCAT tests to aid in course placement and advising. Students who do not have a regular high school diploma will be required to pass the General Educational Development (GED) test.

Students may apply to UMC by submitting the Minnesota College Admissions form, available from either a high school counselor or the Office of Admissions and Financial Aid, University of Minnesota Technical College, Crookston, Minnesota 56716; telephone number (218) 281-6510, extension 369.



## **ORIENTATION**

Students and parents are invited to participate in Preregistration/Parents' Days scheduled during the summer. Through these special registration days and during Welcome Week, students complete their planning for academic classes, become acquainted with campus activities and facilities, and meet the faculty and staff.

## **FINANCIAL AIDS**

For financial aid information, refer to the first section of this bulletin or call (218) 281-6510, extension 370. UMC offers scholarships, grants, and loans, as well as a work-study program, for qualified students. Applications for fall quarter aid are due in the Financial Aid Office by April 1.

## **STUDENT SERVICES**

### **Housing**

Three residence halls and two apartment complexes provide coeducational on-campus housing for 465 students at UMC. All rooms are provided with furniture. Residence halls have recreational, laundry, and kitchen facilities available for student use. Telephones are provided in the residence halls. Residence hall rates for 1981-82 vary from \$528 to \$759 per quarter (depending on meal plan and hall selection), and the rate is \$527 per quarter in the apartment complex (five-meal plan).

To maximize the positive, developmental experience of living in campus housing units, residents are responsible for developing and implementing policies, standards, and activities through hall councils and committees.

Students who wish to live on campus should return the room information card that is sent to all students with their notification of admission.

Limited housing is available off campus. The housing office maintains listings of vacancies. Off-campus housing is not subject to University regulations.

### **Counseling and Academic Advising**

Counseling is an integral part of UMC's student affairs services. Counselors are assigned to each of the five academic divisions to provide educational, academic, occupational and career, and personal counseling for all students. Educational counseling provides help with study habits, use of time, and selection of major programs of study. Students who are experiencing academic difficulty are encouraged to see a counselor to explore ways to improve their scholastic progress. Occupational and career counseling are offered to students through the Career Planning and Placement Center, which is located in Bede Hall and offers assistance concerning career selection as well as up-to-date information about specific careers and educational programs by means of a computer terminal, college catalogs, interest inventories, and job survival training kits. Personal counseling is available to help students resolve conflicts, adjust to college, and increase their self-understanding.

UMC encourages students to seek assistance by calling or stopping by the Counseling Office in Bede Hall, telephone number (218) 281-6510, extension 362, or by visiting one of the counselors in the academic divisions. Students have the option of going to the counselor of their choice.

A director of special student programs, located in Bede Hall, extension 360, offers special counseling to minority and international students.

In choosing quarterly classes from the available offerings of the technical college, each student will be assisted by a member of the faculty, who serves as the student's adviser. The adviser guides the student in program planning and course selection and is concerned with the student's general progress.

## **Career Planning and Placement Center**

The Career Planning and Placement (CPP) Center, located in 107 Bede Hall, offers career counseling and occupational placement services to all students and alumni of UMC.

The center serves students by providing career counseling, vocational interest assessments, a job service listing part-time work available on and off campus, career development workshops, and employment referrals.

The CPP Center provides placement services for graduates to help them find jobs best suited to their training, aptitude, and interests; however, securing employment remains an individual responsibility. Placement services consist of preparing credentials, maintaining listings of jobs available on and off campus, and arranging interviews with representatives of private, industrial, and governmental employers. Additional CPP Center services include training in job interviewing techniques, résumé and letter writing, and developing a job search.

Additional information about careers and placement may be obtained from the Career Planning and Placement Center, telephone number (218) 281-6510, extension 362.

## **Learning Resources**

The library, audiovisual, television education, word processing, graphics, and photo lab services are all part of Learning Resources. This unit encompasses—in one physical facility—books, periodicals, pamphlets, films, filmstrips, microfilm, audiotapes, videotapes, records, transparencies, maps, globes, charts, models, mock-ups, three-dimensional objects, and the necessary equipment to service these items. Present library holdings number more than 20,000 volumes.

Learning Resources is located in the Kiehle Building on the west edge of the campus. This unit is open during the following hours:

8 a.m. to 9:30 p.m. Monday through Thursday  
8 a.m. to 4:30 p.m. Friday  
6 p.m. to 10 p.m. Sunday  
Closed holidays

## **Reading-Learning Center**

The Reading-Learning Center is located near the library in the Kiehle Building. The center provides a well-equipped laboratory and small-group instruction facilities to assist students in improving their reading, study, and spelling skills. Examination and study files, free tutoring, and a list of typists for hire are also available to students at the center.

## **Writing Center**

The Writing Center, located next to the Reading-Learning Center, offers a wide range of assistance to students who have questions about writing. This assistance includes advice about how to recognize and correct errors in spelling, grammar, and mechanics; how to write a résumé; how to prepare a letter of application; and how to select topics for and write research and technical papers.

## Health Service

The Health Service, located in Bede Hall, is open 8 a.m. to 4:30 p.m. Monday through Friday of each week that classes are in session. A nurse practitioner is available during these hours, and a physician is on campus several times during the week to see students needing medical assistance. The nurse is also on call in the event of an emergency. Family planning counseling, immunizations, Mantoux testing, and health education are available.

Hospitalization is available in the city of Crookston upon referral from the college doctor. Students are required to have adequate hospitalization insurance. A low-cost group plan sponsored by Blue Cross is available to students through the University.

A health physical is not required, but each student is asked to complete a health history form. Information regarding the student's health needs and any special class seating requirements should be sent immediately to the Health Service.

## STUDENT ACTIVITIES

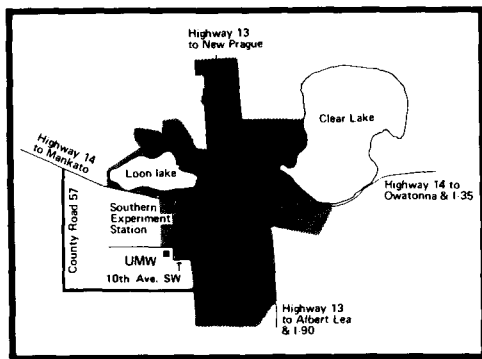
**Student Government**—Students are represented on the Student Senate, the University Senate, the UMC Campus Assembly, and by a student regent representative. All enrolled students are members of the UMC Student Association and are represented by their governing body, the Student Senate. Homecoming, the Sunflower Bowl, Snow Days, and other social events are coordinated through the Student Senate.

**Student Organizations**—Approximately 30 student organizations exist on campus, ranging from those of political, social, or recreational orientation to divisional branches of national groups. The organizations are recognized by the Student Senate and carry Senate representation. Both vocal and instrumental music groups are available for student participation. A newspaper and a yearbook are staffed by students. Persons interested in drama may work on community and campus theatre productions.

**Cultural Events**—Cultural activities are sponsored by the student-faculty Concerts and Lectures Committee. Throughout the year, concerts, plays, campus movies, coffee-house performances, and other entertainment activities are regularly scheduled.

**Athletics and Intramurals**—A physical education program is offered for all students. In addition, the intramural athletic program offers a wide range of activities, including flag football, basketball, softball, volleyball, foosball, table tennis, chess, tennis, billiards, badminton, soccer, water basketball, and many other areas of competition. UMC is represented in the intercollegiate athletic program with men's teams in football, basketball, wrestling, baseball, and hockey. Women's intercollegiate competition includes basketball, volleyball, and softball.

**Campus Ministry**—The Cooperative Campus Ministry Committee is made up of interested local pastors appointed by the Ministerial Association, three faculty members, and six students. This committee is responsible for campus religious activities. Personal counseling is available through the campus ministry. Rap sessions are held on topics dealing with religion, and there are programs and outings scheduled through the year.

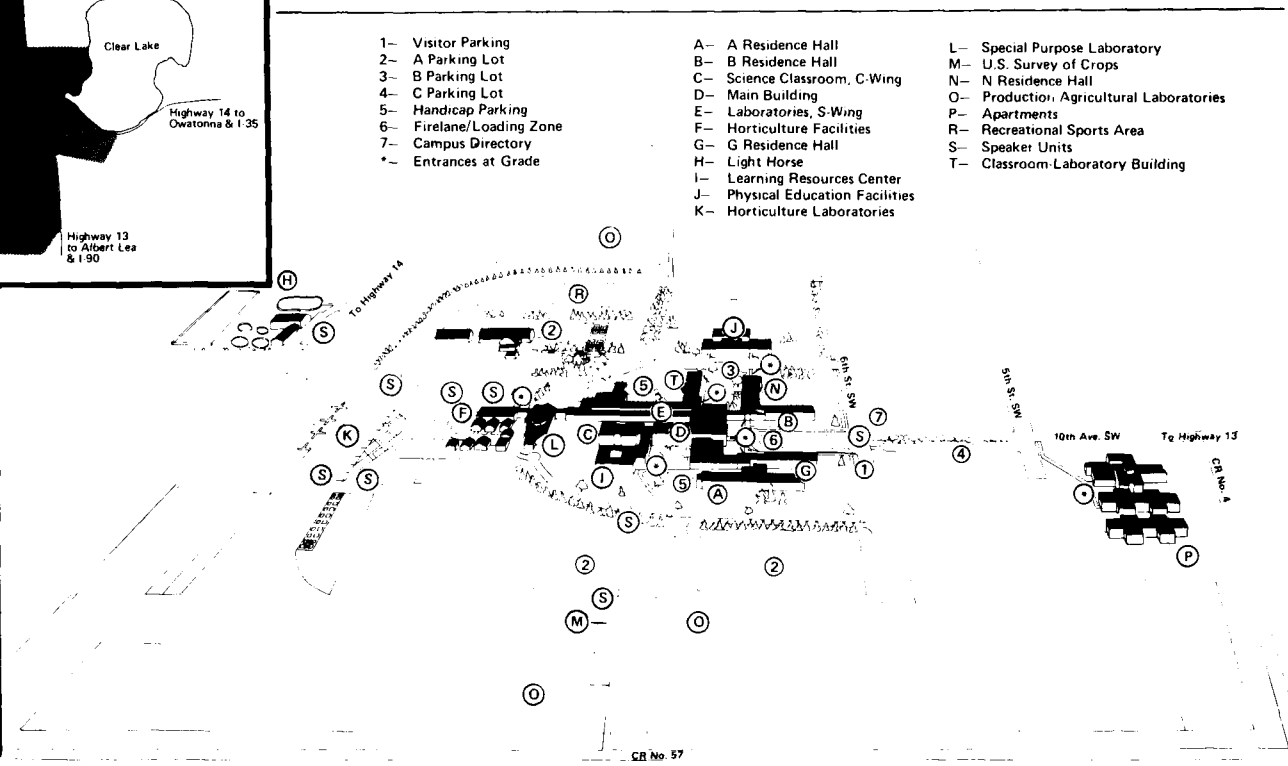


- 1- Visitor Parking
- 2- A Parking Lot
- 3- B Parking Lot
- 4- C Parking Lot
- 5- Handicap Parking
- 6- Firelane/Loading Zone
- 7- Campus Directory
- \*- Entrances at Grade

- A- A Residence Hall
- B- B Residence Hall
- C- Science Classroom, C-Wing
- D- Main Building
- E- Laboratories, S-Wing
- F- Horticulture Facilities
- G- G Residence Hall
- H- Light Horse
- I- Learning Resources Center
- J- Physical Education Facilities
- K- Horticulture Laboratories

- L- Special Purpose Laboratory
- M- U.S. Survey of Crops
- N- N Residence Hall
- O- Production, Agricultural Laboratories
- P- Apartments
- R- Recreational Sports Area
- S- Speaker Units
- T- Classroom-Laboratory Building

**UM**  
University of Minnesota  
Technical College  
**WASECA**



# University of Minnesota Technical College, Waseca

The University of Minnesota Technical College, Waseca (UMW), provides a technical college approach to agricultural higher education in Minnesota. Recognizing that students must eventually earn a living, the technical college approach combines liberal arts and technical education, with a practical emphasis. A coordinate campus of the University since 1971, the college offers programs of two or more and less than four years' duration. Graduates of UMW are prepared for employment at the semiprofessional or midmanagement levels in the broad fields of agriculture as well as in services to rural homes and communities.

The college operates on a year-round, four-quarter system, and students may enter any quarter and attend continuously or intermittently.

College facilities include many special purpose laboratories (both indoor and outdoor). The University's Southern Experiment Station, which is adjacent to the college, provides an excellent practical agricultural laboratory, as do area farms and agribusinesses. Students have the opportunity to learn from the experimental and demonstration plots and have access to equipment, land, and livestock for study. The campus grounds and production agriculture land also provide hands-on learning opportunities. New buildings with specialized laboratories for four divisions were completed in 1980.

## CURRICULA AND DEGREES

The associate in applied science degree is awarded to students who complete a minimum of 108 credits in an approved sequence of courses. All course work is competency based. The college offers 24 majors in 7 academic divisions. These are: Agricultural Business—Agricultural Business Management, Agricultural Office Management, Agricultural Sales and Marketing; Agricultural Industries and Services—Agricultural Communications, Agricultural Mechanization Technology/Power and Machinery or Structures and Equipment, Agricultural Research Technology/Animal or Crop, Animal Industry-Related Technology, Crop Industry-Related Technology, Soils and Chemicals Technology; Agricultural Production—Crop Production, Diversified Agricultural Production, Light Horse Management, Livestock Production; Animal Health Technology—Animal Health; Food Industry and Technology—Food Marketing and Distribution, Food Products and Inspection; Home and Family Services—Child Care Services, Merchandising Technology, Rural Home Services, Rural Youth and Recreation; and Horticultural Technology—Floriculture, Greenhouse, and Garden Center Technology, Landscape-Nursery Technology.

Although the primary objective of the college is to prepare graduates for employment, some students continue their education beyond the associate program. The college requires work of such quantity and quality that those who seek admission to other institutions of higher learning may reasonably expect to obtain credit for work completed at this college. However, the institution to which transfer is made determines the amount of credit accepted.

**Pre-Occupational Preparation**—The pre-occupational preparation (POP) program enables students to obtain additional training and to become better prepared for employment in their chosen field. This preparation takes the form of an on-the-job internship in a segment of the agricultural production or agribusiness industry, or additional course work (12 credits) designed to further the competency level of the student. Twelve credits in pre-occupational preparation are required for the associate in applied science degree.

## **PREADMISSION COUNSELING**

A unique feature of the Technical College at Waseca is preadmission counseling. A staff member of the college personally contacts each applicant before registration and visits with him or her at home or by telephone to discuss the programs of the college and the applicant's educational objectives.

## **ADMISSION STANDARDS AND PROCEDURES**

Admission is granted to students with a high school diploma or its equivalent. The college maintains an open-door admissions policy. Students are accepted on a first-come, first-served basis except in the Animal Health Technology Program. The Animal Health Technology Program accepts students during a six-week period only, from October 15 to December 1. Applicants are notified of their status if immediate acceptance is not possible.

Although each applicant is considered on an individual basis, the college is committed to insuring a diverse student body. In the review of applications, consideration may be given to the following: aptitude, interest and ability to profit from the programs offered, racial and ethnic background, handicaps, and international background.

To apply to the college, you should obtain a copy of the Minnesota College Admissions form from either a high school principal or counselor or the Office of Admissions and Records, University of Minnesota Technical College, Waseca, Minnesota 56093, and send the completed form to the Office of Admissions and Records. Each application submitted must be accompanied by a nonrefundable credentials examination fee of \$10, payable by check or money order made out to the University of Minnesota Technical College, Waseca.

All students are requested to take the American College Test (ACT), the Preliminary Scholastic Aptitude Test (PSAT), or the School and College Ability Test (SCAT). The test scores are used as an aid in program planning and not for determining admission.

Questions concerning admission with advanced standing should be directed to the Office of Admissions and Records.

## **ORIENTATION**

During orientation, students become acquainted with campus activities and with the faculty and staff of the college. Orientation sessions are offered each quarter, and all new students are invited to participate.

## **FINANCIAL AIDS**

Students who demonstrate need may apply for financial assistance by completing the Family Financial Statement (FFS) form of the American College Testing Program. The financial aids available at the University of Minnesota Technical College, Waseca, are similar to those available University-wide. Refer to the Financial Aids section in the front of this bulletin for further information.

## **SUMMER QUARTER**

UMW conducts a full summer quarter as a part of its year-round educational program. The summer quarter is equivalent to the fall, winter, or spring quarter, with a full selection of courses offered. The quarter lasts 11 weeks as do the other quarters during the year. A summer quarter provides an opportunity for students to fully utilize the outdoor laboratories that are available at the college.



## STUDENT SERVICES

### Housing

Students who desire housing should contact the Office of Student Affairs. Housing is available in four residence halls, two for men and two for women, and in three apartment complexes. A room and board package is available for a five-day week contract, with prices averaging about \$609 per quarter. Single rooms are offered as space allows.

Off-campus housing is available in the Waseca community. The Housing Office assists students in locating off-campus housing.

### Counseling and Testing Services

In addition to the preadmission counseling and orientation days, the college recognizes that in the growth and total development of its students certain problems arise that require individual attention. In the Office of Counseling, services are available to help students with social, emotional, educational, and occupational decisions or problems. Academic counseling is available from instructor/counselors who are assigned to students.

A variety of tests related to academic, career, emotional, and social concerns are available to students in the Office of Counseling and the Career Resource Center. All test results will be kept confidential. There is no charge to students who use the testing services provided by these offices.

**Counseling Office**—Tests and inventories related to academic and emotional and social matters are administered in the counseling office. Students may see information concerning tests and services by contacting the office. The office also keeps records of college admission test results, which the staff will interpret for students who want information about their scores.

**Career Resource Center**—The Career Resource Center offers interest and ability inventories, career development workshops, a computerized career guidance system, career information, and counseling assistance for students making decisions about short and long term career goals. Students receive immediate feedback concerning inventory results to aid them in career planning.

### Veterans

The courses and programs offered by the Technical College at Waseca meet the requirements for veterans eligible for educational benefits under Chapter 34 of the G.I. Bill. Veterans should contact the Veterans Administration, where they may obtain applications, determine eligibility and entitlement, and obtain counseling as necessary.

The VA-sponsored Farm Coop Program is available to veterans at UMW. Veterans may choose to receive credit for the course work taken in this program, and these credits may be applied toward an associate in applied science degree.

### Libraries

The Learning Resources Center includes the library and audiovisual departments. Books, periodicals, microfilm, pamphlets, filmstrips, audio and video tapes, transparencies, and other materials of a specialized nature relating to the agricultural mission of the college are available for student use. The center also houses graphic production facilities, a color television production studio, instructional computer center, and the study skills-compensatory laboratory.

## Health Services

The college Health Service and an attending nurse practitioner are available for students needing medical attention during the day. The nurse practitioner is on call for after-hour emergencies. Emergencies and illnesses requiring a doctor or extended health care are coordinated through the Health Service with the Waseca Medical Clinic and the Waseca Memorial Hospital. Students are encouraged to obtain adequate hospital insurance coverage. A student plan is available.

## Placement

The Placement Center helps graduating students to develop career goals and to find employment best suited to their interests and abilities. The center offers training seminars and occupational counseling, prepares credentials of graduates, and coordinates contacts between students and prospective employers. On-campus job interviews are conducted by a number of companies.

## Student Union

The Ram Shack and the Udder Place provide student union facilities for the college. The Ram Shack contains a commuter locker room, Student Senate office, separate conference room, TV viewing room, short-order lunch service, and lounging facilities. The Udder Place provides a game room, a snack bar, and other recreational facilities. Two Student Activity Links also provide lounge-study areas for students.

## Convocations and Activity Hour

No classes are scheduled during the hour between 10:00 and 11:00 a.m. on Tuesdays while the college is in session. This hour is set aside to be used for innovative learning experiences. The Student Development Committee coordinates collegewide programs such as concerts, lectures, and student-conducted events.

## STUDENT ACTIVITIES

**Student Government**—The Student Senate provides a central avenue for student input into the total college program. The Student Senate makes recommendations for college committees and is frequently sought for its opinion on activities, programs, and events of interest to the total college community.

**Student Organizations**—New student organizations are formed frequently. Among those already developed are the Ruff Ryders, Campus 4-H, Horticulture Club, Plants and Soils Club, Animal Industries Club, Food Industry Club, Collegiate FFA, Animal Technicians Association, OEA Club, NAMA Club, Home and Family Services Club, SNOW (radio and TV club), and others. Student organizations also include an active honors society and Phi Theta Kappa, as well as a student-staffed campus newspaper, yearbook, and radio station.

**Athletics and Recreational Sports**—The college is a member of the Minnesota Community College Athletic Association and the National Junior College Athletic Association. Men's and women's sports activities include football, basketball, volleyball, wrestling, cross-country, golf, softball, and track. Recreational sports activities are also available at the college.

**Religious Organizations**—Students of all religious faiths have the opportunity to participate in religious services in the community, and representatives from various denominations come to campus. The Christian Fellowship Club is a nondenominational group offering fellowship and Bible study opportunities on campus.

**Musical Organizations**—Both choral and instrumental musical groups are available at UMW for interested students. These organizations are open for participation to all students and staff members.



# University Policies and Regulations

## ACCESS TO STUDENT EDUCATIONAL RECORDS

In accordance with regents' policy on access to student records, information about a student generally may not be released to a third party without the student's permission. The policy also permits students to review their educational records and to challenge the contents of those records.

Some student information—name, address, telephone number, dates of attendance, college and class, major, adviser, and degrees earned—is considered public or directory information. To prevent release of such information outside the University while in attendance at the University, a student must notify the records office on his or her campus.

Students are notified annually of their right to review their educational records. The regents' policy, including a directory of student records, is available for review at the information booth in Williamson Hall, Twin Cities campus/Minneapolis, and at the records offices on other campuses of the University. Questions may be directed to the Office of the Coordinator of Student Support Services, 260E Williamson Hall, (612) 373-2106.

## STUDENT CONSUMER INFORMATION

Federal regulations require that certain information be available on request to current and prospective students. Retention rates (the percentage of students, of those who enroll, who remain in the same college or school within a four-year period) are available at the college or school offices and the Office of Admissions and Records on each campus. Placement facility information is available in the college placement offices, academic department offices, and individual college bulletins. Information on the typical salary ranges of graduates in a particular field is available at the college placement offices. Information on academic programs, degrees, laboratory facilities, and faculty is included in this bulletin as well as in individual college bulletins.

## STUDENT CONDUCT

Current University standards of conduct and discipline were adopted by the Board of Regents in 1970 and revised in 1974 and 1978 after consultation with the Assembly Committee on Student Affairs and review by students, faculty members, and staff members. A complete statement of these standards appears in a brochure available on request from the Special Counseling Office, 7 Morrill Hall, Twin Cities campus/Minneapolis, and from student affairs offices on other campuses of the University. In the Twin Cities, the Student Conduct Code is published fall quarter in the *Minnesota Daily*, the student newspaper.

## RESIDENCE REGULATIONS AND REVIEW PROCEDURES

These regulations and review procedures were established by the Board of Regents of the University of Minnesota for University admission and tuition and fee purposes. As a state-supported institution, the University gives preference to residents of the state, as defined herein. The regents recognize that a variety of definitions exist for the term "resident," and applicants are encouraged to give careful attention to the following regulations that define residency for University purposes.

### Regulations

Individuals must meet the residence eligibility requirements of sections I and II below to receive consideration for admission to any college, school, or program of the University of Minnesota under the admission requirements in effect for Minnesota residents.

#### I. Basic Definition of Resident Tuition Status

For purposes of determining resident tuition status, physical presence in the state of Minnesota for a period of not less than one calendar year shall be the minimum basic requirement. An individual can establish a claim for resident tuition status by presenting evidence of living in the state substantially continuously for one year prior to the first day of the quarter for which resident tuition classification is being sought, provided such residence has not been established for the primary purpose of attending an institution of postsecondary education.

Direct evidence of the above condition shall constitute sufficient evidence of such a claim, subject to limitations described in section II as appropriate. In addition, each system may maintain additional requirements to meet specific student and institutional needs, provided those requirements do not contradict the policy above.

#### II. Interpretive Conventions

For purposes of interpreting the above definition, the following criteria shall pertain:

- A. *Students from other states.* Normally, the sojourn of a student from another state for the primary purpose of attending school is not residence, and it is presumed that a nonresident at the time of his or her enrollment remains a nonresident throughout his or her presence as a student, except where it can be established that his or her previous domicile has been abandoned and a new one established.
- B. *Spouses.* Marital status cannot be claimed as a major criterion for residency status. Such status may, however, serve to support a claim.
- C. *Aliens.* Alien persons residing in this country under temporary visas or work permits shall be classified as non-residents. A resident alien may apply for resident tuition status provided (s)he has been lawfully admitted to the United States for permanent residence in accordance with all applicable provisions of the laws of the United States, or if (s)he can present documentary evidence from U.S. Immigration or consular officials in his or her home country that (s)he is eligible for resident alien status under specified conditions.

D. *Minors.*

- 1. Individuals who have not yet attained the legal age of majority in Minnesota normally shall be classified by the domiciliary status of the parent(s) or legal guardian. Normally, the domicile of a minor follows:
  - a. That of the parents or surviving parent; or
  - b. That of the parent to whom custody of the minor has been awarded by a divorce or other judicial decree; or
  - c. That of the parent with whom the minor in fact makes his or her home, if there has been a separation without a judicial award of custody; or
  - d. That of an adoptive parent, where there has been a legal adoption, even though the natural parents or parent may be living; or
  - e. That of a "natural" guardian, such as grandparent, with whom the minor in fact makes his or her home, where the minor has permanently left his or her parental home and reasonable expectation of substantial financial support from the parents has been dissolved.

If a Minnesota resident parent or guardian of a minor moves his or her residence to another state, the minor shall remain eligible for resident status for one year thereafter.

- 2. Resident tuition status may be accorded a minor who has permanently left his or her parental home, who has no reasonable expectation of substantial financial support from his or her parents, and who has resided in this state for one year immediately prior to the first day of the quarter for which resident tuition classification is being sought.

E. *Wards.*

- 1. Where a general guardian has been appointed by the ward's state of domicile, at the time of appointment the ward's domicile presumptively remains in that state.
- 2. The appointment by a Minnesota court of a resident guardian of a minor who is not a resident of this state at the time of appointment does not affect the residency status of the ward.

F. *Temporary Absences.* In general, domicile is the place where a person actually resides with the intention of making it his or her true, fixed permanent home and principal establishment, and to which whenever (s)he is temporarily absent, (s)he has the intention of returning. Temporary absences include full-time attendance at a school outside Minnesota and initial enlistment in military service, during which time another permanent residence has not been established and a legitimate permanent residence has been maintained in Minnesota.

Other absences for more than one year will be presumed to be nontemporary, unless documentary evidence is provided to the contrary.

G. *Domicile.* The fact of physical presence at the dwelling-place and the intention to make it a home must concur, and the intention must be to make a home at the moment, not in the future. The intention must be to make a home in fact in a certain place, and not to acquire a domicile in order to gain the benefit of the legal consequences of having a domicile there. A person may have but one domicile at a time, and a domicile once established continues until it is superseded by a new domicile.

H. *Sufficient Evidence.*

- 1. The following facts, although not conclusive, have probative value in support of a claim for resident tuition classification: acceptance of an offer of permanent employment in this state; former residence in the state and the maintenance of significant connections therein while absent; economic, social, or political compulsion causing a person to abandon a former residence and acquire residence in Minnesota, with attendance at an institution of higher education only an incident to such residence.
- 2. The following facts are not sufficient evidence of domicile: employment by the institution as a fellow, scholar, assistant, or in any position normally filled by students; a statement of intention to acquire a domicile in this area; voting or registration for voting; the lease of living quarters; payment of local and state taxes; automobile registration; or continued presence in Minnesota during vacation periods.

III. *Exemptions to Nonresident Classification for Tuition Purposes*

Individuals who are not eligible for University of Minnesota resident classification under sections I and II may be eligible for exemption from the nonresident portion of tuition by qualifying in one of the categories below. Students qualifying for nonresident tuition exemptions under this section are not Minnesota residents and will not be granted admission as a Minnesota resident to the University of Minnesota and its colleges, schools, or programs.

The following classes of individuals shall be granted exemption from nonresident tuition classification:

- A. *Graduates of Minnesota high schools* within two calendar years prior to the first day of the quarter for which resident tuition classification is being sought;

- B. Persons presenting evidence of *full-time employment* for twelve consecutive months in Minnesota immediately prior to the first day of the quarter for which resident tuition classification is being sought.
- C. *Military personnel* serving in the armed forces of the United States assigned (a) to active duty in Minnesota for reasons other than college attendance, or (b) outside the continental United States, provided legal residence is not claimed in any other state or the District of Columbia. Immediate family of military personnel are included under this provision.
- D. *Veterans* who have served in the armed forces of the United States for a period in excess of 190 days for purposes other than training and who have been released from such service within two years of the date of registration, providing legal residence is not claimed in any other state or the District of Columbia.
- E. *Graduate student personnel* appointed to certain institutional positions according to the rules of the respective system.
- F. *Individuals of migrant background* who are permanent residents of the United States and who (and/or whose parents or legal guardian) have been employed in seasonal agricultural labor in the state of Minnesota for a cumulative time period of not less than one year in the past five years.
- G. Any U.S. citizen or legal dependent/ward of a U. S. citizen employed by the federal government and stationed outside of the continental U.S., provided legal residence is not claimed in any other state or the District of Columbia.
- H. Full-time faculty members in the first year of their appointment on the staffs of accredited Minnesota colleges.
- I. Any person not officially admitted but approved for registration as required by the institution and taking one course for five credits or less.

Direct evidence of any of the above conditions shall be required and shall constitute sufficient evidence of a claim to exemption from nonresident tuition status.

#### **Review Procedures**

##### *I. Initial Classification and Appeal*

- A. Registering under proper residence and advising the Office of Admissions and Records of changes in circumstances which might affect residence classification is the responsibility of the student.
- B. Questions of a student's residence under the rules of the Board of Regents should be raised with the Office of Admissions and Records upon application for admission or as soon as possible thereafter. The initial classification of a student as a resident or nonresident will be made by the Office of Admissions and Records.
- C. A student may challenge the initial classification by filing an Application for Residence Classification with the Office of Admissions and Records. An administrative classification shall then be made after an administrative review of the initial classification under procedures established by the director of Admissions and Records. Except for delays caused by University personnel, Application for Residence Classification must be filed within one year after the beginning of the quarter for which resident classification is claimed.
- D. A student may appeal the administrative classification by filing a written notice of appeal to the Board of Review for Residence Classification. The notice of appeal should be filed with the Office of Admissions and Records within 30 days after the student is notified of the administrative classification. The notice of appeal shall include reasons for the appeal, the period for which resident status is claimed, and a complete statement of the facts on which the appeal is based, together with supporting affidavits or other documentary evidence. Failure to file notice within 30 days shall constitute a waiver of any right to appeal of the administrative classification. The appellant shall be entitled, at his or her request, to testify before the Board of Review for Residence Classification.
- E. The Board of Review for Residence Classification shall be composed of five staff members and three students of the University, appointed by the president with the director of Admissions and Records or a representative ex-officio.
- F. If an erroneous classification has occurred, a refund for the appropriate period and amount will be made.

##### *II. Reclassification and Appeal*

- A. A student, having been initially classified a nonresident and having decided that (s)he has since become a resident, may initiate action in the same manner as for challenging an initial classification pursuant to item I.C. above.
- B. If the petitioner is dissatisfied with the finding of the Office of Admissions and Records, (s)he may appeal to the Board of Review for Residence Classification in the same manner as prescribed for appeals from administrative classification as in item I.D. above.

##### *III. Erroneous Classification*

If any student who has been classified as a resident student shall be determined to have been erroneously so classified, (s)he shall be reclassified as a nonresident student, and if the cause of his or her incorrect classification shall be found to be due to any material concealment of facts or false statement made by him or her at or before the time of his or her original classification, (s)he shall be required to pay all tuition fees which would have been charged to him or her, except for erroneous classification, and shall be subject also to appropriate discipline in accordance with University policies.

##### *IV. Effective Date*

These procedures became effective winter quarter 1981.

## RIGHTS AND RESPONSIBILITIES OF FINANCIAL AID RECIPIENTS

Students who receive financial aid awards have rights as well as responsibilities. These rights and responsibilities are explained in detail below.

Financial aid recipients have the following rights:

- Students have the right to know that their financial aid award is based on calculated financial need. Financial need is determined by the American College Testing Program and the financial aid office. Need is defined as the difference between the costs of attending school (at a modest level) and the resources available to students from their own income and assets, their parents' income and assets, and other sources.
- Students have the right to receive their financial aid award as long as they are eligible and meet their responsibilities.
- Students have the right to be informed of the terms of any loan program awards that they are offered.
- Students have the right to be informed of the terms of any work program awards that they are offered as financial aid.
- Students have the right to accept, reject, or seek adjustments to their financial aid award without prejudice.
- Students have the right to know how much financial aid they will receive quarterly and when financial aid payments will be disbursed.
- Students who have been declared ineligible because of unsatisfactory academic progress have the right to know how their eligibility can be restored. Those procedures are outlined in academic review cases.
- Students and their families have the right to privacy of information regarding their financial aid files. Information from the students' files will not be released to anyone, except University staff members and financial aid donors, without a signed release.
- Students have the right of access to their financial aid files.
- Students have the opportunity to seek financial counseling.

Financial aid recipients have the following responsibilities:

- Students must reapply for financial assistance annually to demonstrate continued need.
- Students must provide accurate and factual information on all financial aid forms. Students must notify the financial aid office of any change in information submitted including (a) withdrawal from school, (b) reduction in number of credits below full-time status (students enrolled for fewer than 6 credits are completely ineligible for financial aid), (c) change in address, name, or marital status, and (d) financial information provided on application forms.
- Students must be accepted and enrolled in a degree or certificate program.
- Full-time students must register and complete satisfactorily a minimum of 12 undergraduate credits or 9 graduate credits during each quarter that financial aid is received. Part-time students must register and complete satisfactorily 6 credits during each quarter that financial aid is received.
- Students must repay all loans according to the terms outlined in their truth-in-lending and promissory note forms. Students who are in default of any loan will be denied additional financial aid.
- Students have the responsibility to use their financial aid award for educational purposes and to carefully manage the funds that they receive.
- Students have the responsibility to refund a portion or all of their financial aid upon partial or full withdrawal from school. Refunds must be made to the specified financial aid office. Failure to make such refunds will cause students to lose further eligibility.
- Students have the responsibility to submit forms by the deadlines and to keep their financial aid appointments.
- Students have the obligation to work during summer and academic terms to supplement their financial aid awards and meet total educational costs.

Financial aid offices provide service to as many students as possible. The entire financial aid process is time consuming and complex; cooperation and courtesy are required from students as well as staff members of the financial aid offices. Financial aid awards are conditional and may be altered if conditions change. Many financial aid award programs are limited to 4 years. Students who take more than 4 years to complete their undergraduate degrees may exhaust their eligibility.

## ATHLETIC PURPOSES

The following statement on athletic purposes is published in compliance with the athletic regulations of the North Central Association of Colleges and Secondary Schools:

The University of Minnesota's concept of the purpose of sports and athletics developed early in the institution's history. From the beginning of recreational sports and athletics on the University campus, the men and women responsible for these activities have sought to relate them to the ideals, principles, and purposes of the institution's broad educational policies. Thus, from the early days of class, intramural, and intercollegiate games, there has existed an increasing awareness of the special contributions of sports and athletics to the educational programs and experiences of those students who participate voluntarily for the pleasures and values to be obtained from these activities and those who are preparing for professional careers as athletic coaches, recreational workers, and the like.

In this past is to be found the philosophy from which arise the many specific purposes of present-day programs, including the following:

1. To provide opportunities for students to engage voluntarily in physical activities and programs of physical fitness which will contribute to their personal health and the national welfare.
2. To encourage students to develop interest in a variety of physical activities and sports which are so pleasant and satisfying to them during residence at the University that many will continue their interest and activity after leaving the campus.
3. To provide adequate facilities for both men and women students to participate in physical fitness programs including recreational games, sports, contests, and athletics outside the regularly organized courses in physical education.
4. To provide qualified and competent staff to teach the values inherent in recreational sports and athletics within the environment of the University. Desirable outcomes include a sound understanding of the athletic exercise or contest, the required skills, the rules of sportsmanship, and the spirit of clean competition and the will to win; and, also, to develop sportsmanlike, appreciative, and intelligent spectators.
5. To emphasize such corollary values of supervised sports and athletics as the experience of team play and working cooperatively with others; respect for rules; character development; group loyalty; leadership in group activity; and associations, friendships, and social relationships through sports.
6. To give recognition to the contribution of sports and athletic activities in developing the personality of the individual student, particularly with respect to the attainment of a balanced adjustment in social, intellectual, and emotional activities.
7. To advance esprit de corps in terms of loyalty, spirit, and institutional morale, and to acknowledge the important roles of sports and intercollegiate athletics as unifying factors among students, alumni, and friends of the University.
8. To provide a laboratory for professional courses in physical education which will assist in preparing prospective leaders, coaches, supervisors, and directors of recreation, athletics, and physical education in colleges, high schools, and recreation centers.
9. To encourage the attainment of sound standards in the conduct of sports and athletic activities among universities, colleges, and high schools.

The University accomplishes these objectives in part by a sports and athletic program which includes the following elements:

1. *Sports for Individuals and Small Groups*—Students, as individuals or as members of small groups, are invited and encouraged to engage in sports and games of their choice. A wide variety is offered: golf, swimming, handball, squash, tennis, archery, fencing, bowling, and ice skating.
2. *Intramural Sports*—Students are also invited and encouraged to participate in group or team sports. The intramural athletic program includes baseball, touchball, softball, basketball, golf, tennis, horseshoes, handball, ice hockey, squash, swimming, bowling, boxing, volleyball, archery, badminton, table tennis, wrestling, rifle shooting, fencing, and track and field events.
3. *Intercollegiate Athletics*—Intercollegiate athletics for women and men have been established for students who wish to participate in athletics on a highly competitive and highly skilled level of sport. Students who meet the rules of eligibility for competition in intercollegiate athletics are invited and encouraged to report to the coach for tryouts for each intercollegiate sport in which they are interested. Guidelines as set forth in the Handbook of the association commonly known as the Big Ten or Western Conference are the criteria for men. Women follow guidelines established by the Association for Intercollegiate Athletics for Women (A.I.A.W.).

The University of Minnesota was one of the founding members of the association now known as the Big Ten or Western Conference. Only institutions having full and complete faculty control of intercollegiate athletics may hold memberships. This control relates to standards of eligibility, team schedules, ticket distribution, conference legislation, etc. For women, the AIAW (Association for Intercollegiate Athletics for Women) provides a governing body for initiating and maintaining standards and policies for women's programs. AIAW sets standards for its more than 900 member schools for eligibility, scholarships, schedules, and championships. Minnesota participates in Reglon 6 of that 10-region AIAW structure.

In keeping with the basic principles of faculty control, the responsibility for intercollegiate athletic policies at Minnesota rests with the Assembly Committee on Intercollegiate Athletics. This committee is made up of faculty members, alumni, and students, with the faculty members constituting a majority. The committee is consulted in connection with all major decisions concerning personnel, budget, and facilities.

## MINNESOTA CLEAN INDOOR AIR ACT

The Minnesota Clean Indoor Air Act specifically states that there is to be no smoking in all public and work places, except in *designated* smoking areas. This covers the carrying of lighted smoking devices, including cigarettes, cigars, and pipes. Smoking is prohibited in all buildings on the University of Minnesota campuses, except in areas clearly posted Smoking Permitted. There is at least one smoking area in every building. Persons not in compliance with this law are subject to fines up to a maximum of \$300.

For concerns regarding enforcement procedures, call 373-3550.



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