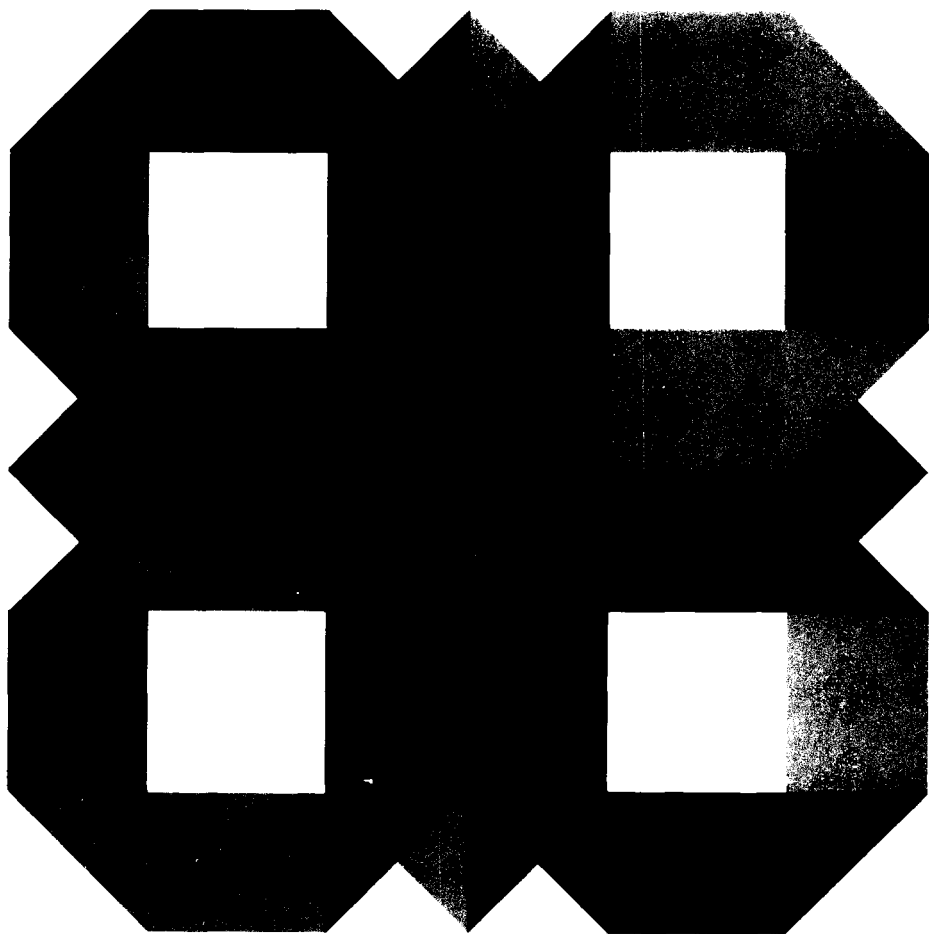


UNIVERSITY
OF MINNESOTA
BULLETIN

1978-1979

JULY 31, 1978

GENERAL INFORMATION





UNIVERSITY OF MINNESOTA

Board of Regents

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Frank B. Wilderson, Vice President for Student Affairs

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

General Information Bulletin

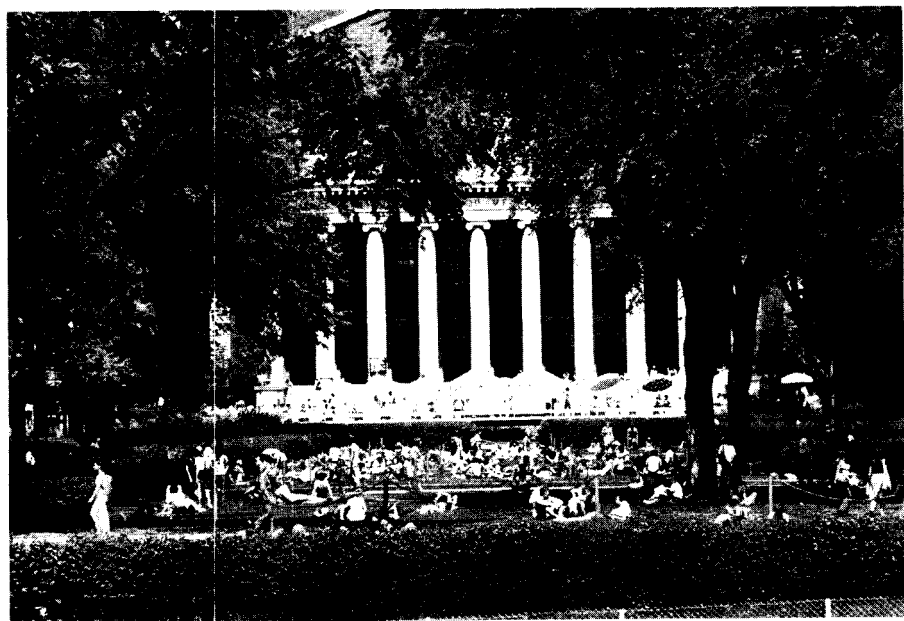
1978-1979

UNIVERSITY OF MINNESOTA

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UNIVERSITY CALENDAR 1978-79¹

July 17	Monday	Last day applications (including credentials examination fee, transcripts, test scores, and letters of recommendation if required) to most undergraduate colleges and programs or for change of college within the University can be assured a fall quarter admission decision. After this date, applications may be considered if space is available in the college or program, and if admission processes can be completed in time. Last dates vary for some colleges, professional schools, and programs. See Application Timing, page 15.
August 14- September 22		Fall registration. Orientation program for new students. (Dates for the various colleges will be announced in mailed instructions.)
August 15	Tuesday	Last day for application for fall admission as adult special student to CBA.
August 28- September 22		Graduate School application deadline for fall quarter. Fee payment. Tuition and fees for undergraduates (including adult special students, except teachers in service) are due within 10 working days after registration. See fee statement for exact due date.
September 1	Friday	Last day for application for fall admission as adult special student to CLA.
September 4	Monday	Labor Day, holiday.
September 7	Thursday	Fall quarter classes begin — Crookston campus.
September 15	Friday	Last day for application for fall admission as adult special student to IT.
September 18-23		Graduate student information program.
September 20-24		Orientation and registration — Morris campus.
September 18-25		Welcome Week.
September 23-30		Welcome Week — Waseca campus.

Fall Quarter — 1978

September 25	Monday	Fall quarter classes begin.
September 29	Friday	Last day to register and pay fees for graduate students and teachers in service.
September 30	Saturday	Homecoming — Crookston campus.
October 16	Monday	Last day for application for winter admission to undergraduate programs in CBA.
October 21	Saturday	Homecoming — Morris campus.
November 1	Wednesday	Last day to pay graduation fees for fall quarter.
November 4	Saturday	Homecoming — Twin Cities campus — University of Indiana.
November 6	Monday	Morris Campus Assembly meeting, 4:00 p.m.
November 8	Wednesday	Last day for students in Graduate School to pay graduation fees for fall quarter.

¹This calendar lists most, but not all, events for most campuses of the University. It does not list dates for the Duluth campus. Some variations exist for admission, registration, and fee payment dates. Students are informed of changes when they receive application and registration materials.

November 14- December 29 November 15	Wednesday	Winter quarter registration dates for individual colleges announced in <i>Class Schedule</i> and <i>Daily Bulletin</i> . Last date applications (including credentials examination fee, transcripts, test scores, and letters of recommendation if required) to most undergraduate colleges and programs or for change of college within the University can be assured a winter quarter admission decision. After this date, applications may be considered if space is available in the college or program, and if admission processes can be completed in time. Last dates vary for some colleges, professional schools, and programs. See Application Timing, page 15. Last day for application for winter admission as adult special student in CBA.
November 16 November 18 November 23 November 23-24 November 24 November 27	Thursday Saturday Thursday Friday Monday	Twin Cities Assembly meeting, 3:15 p.m. End of fall quarter—Crookston campus. Thanksgiving Day, holiday. Classes excused. University holiday. Graduate School application deadline for winter quarter.
November 28- December 29		Winter classes begin — Crookston campus. Fee payment. Tuition and fees for undergraduates (including adult special students, except teachers in service) are due within 10 working days after registration. See fee statement for exact due date.
November 30 December 1	Thursday Friday	University Senate meeting, 3:15 p.m. Last day for application for winter admission as adult special student to CLA.
December 5 December 6 December 7-13 December 8 December 9-23	Tuesday Wednesday Friday	Last day of instruction. Study day. Final examinations. End of fall quarter—Waseca campus.
December 9 December 11-16 December 13	Saturday Wednesday	Orientation program period, registration, and payment of fees for new students in some undergraduate colleges. Other colleges will announce dates in mailed instructions. Last day of instruction for extension classes. Final examinations for extension classes. Commencement. Individual collegiate graduation events may be held throughout the quarter. Check college office.
December 15	Friday	End of fall quarter. Last day for application for winter admission as an adult special student to IT.
December 22 December 25 December 26 January 1	Friday Monday Tuesday Monday	University holiday. Christmas, holiday. University holiday. New Year's, holiday observed.

Winter Quarter — 1979

January 2 January 6 January 8	Tuesday Saturday Monday	Winter quarter classes begin. Graduate student information program. Last day to register and pay fees for graduate students and teachers in service.
January 15	Monday	Last day for application for spring admission to undergraduate programs in CBA.
January 13 February 1	Thursday Thursday	University Senate meeting, 3:15 p.m. Twin Cities Assembly meeting, 3:15 p.m.

February 5	Monday	Last day to pay graduation fees for winter quarter. Morris Campus Assembly meeting, 4 p.m.
February 9	Friday	Last day for students in Graduate School to pay graduation fees for winter quarter.
February 15	Thursday	Last day applications (including credentials examination fee, transcripts, test scores, and letters of recommendation if required) to most undergraduate colleges and programs or for change of college within the University can be assured a spring quarter admission decision. After this date, applications may be considered if space is available in the college or program, and if admission processes can be completed in time. Last dates vary for some colleges, professional schools and programs. See Application Timing, page 15. Last day for application for spring admission as adult special student to CBA.
February 19	Monday	Classes excused — Crookston campus.
February 19-March 23		Spring quarter registration dates for individual colleges announced in <i>Class Schedule</i> and <i>Daily Bulletin</i> .
February 23	Friday	End of winter quarter — Crookston campus.
February 26	Monday	Graduate School application deadline for spring quarter.
March 1	Thursday	Last day for application for spring admission as adult special student to CLA.
March 2-March 23		Fee payment. Tuition and fees for undergraduates (including adult special students, except teachers in service) are due within 10 working days after registration. See fee statement for exact due date.
March 5	Monday	Spring quarter classes begin — Crookston campus.
March 9	Friday	Last day of instruction. End of winter quarter — Waseca campus.
March 10	Saturday	Study day.
March 12-17		Final examinations.
March 15	Thursday	Last day for applications for spring admission as adult special student to IT.
March 17	Saturday	No Graduate School commencement. Candidates for baccalaureate degrees should check with college offices for commencement information. End of winter quarter.
March 20-25		Orientation program period, registration, and payment of fees for new students in some undergraduate colleges. Other colleges will announce dates in mailed instructions.

Spring Quarter — 1979

March 26	Monday	Spring quarter classes begin.
March 29	Thursday	University Senate meeting, 3:15 p.m.
March 30	Friday	Last day to register and pay fees for graduate students and teachers in service.
March 31	Saturday	Graduate student information program.
April 13-16		Classes excused — Crookston campus.
April 18	Wednesday	Last date to pay graduation fees for spring quarter.
April 26	Thursday	Twin Cities Assembly meeting, 3:15 p.m.
April 30	Monday	Morris Campus Assembly — 4:00 p.m.

May 4	Friday	Last day for students in Graduate School to pay graduation fees for spring quarter.
May 15	Tuesday	Graduate School application deadline for first term of summer session.
May 17	Thursday	University Senate meeting, 3:15 p.m.
May 18	Friday	End of spring quarter and commencement — Crookston campus.
May 28	Monday	Memorial Day, holiday
June 1	Friday	Last day of instruction.
June 2	Saturday	Study day.
June 4-9		Final examinations.
June 7	Thursday	Commencement — Morris campus, 8:00 p.m.
June 8	Friday	Commencement — Waseca campus, 2:00 p.m.
June 9	Saturday	End of spring quarter. Candidates for baccalaureate and professional degrees should check with college offices for commencement information. Graduate School commencement.

Summer Quarter — 1979 (Waseca only)

June 25	Monday	Summer quarter classes begin.
July 4	Wednesday	Independence Day, holiday.
September 3	Monday	Labor Day, holiday.
September 7	Friday	End of summer quarter.

Summer Session — 1979 (Crookston only)

Summer Term I

June 4	Monday	Classes begin.
June 29	Friday	Last day of term.

Summer Term II

July 9	Monday	Classes begin.
August 3	Friday	Last day of term.

Summer Session — First Term 1979

June 5	Tuesday	Last day to pay graduation fees for first term of summer session.
June 11	Monday	Last day to register and pay fees for first term.
June 12	Tuesday	First term classes begin.
June 15	Friday	Graduate School application deadline for second term of summer session.
July 4	Wednesday	Independence Day, holiday.
July 13	Friday	Candidates for baccalaureate degrees should check with college offices for commencement information. End of first term.

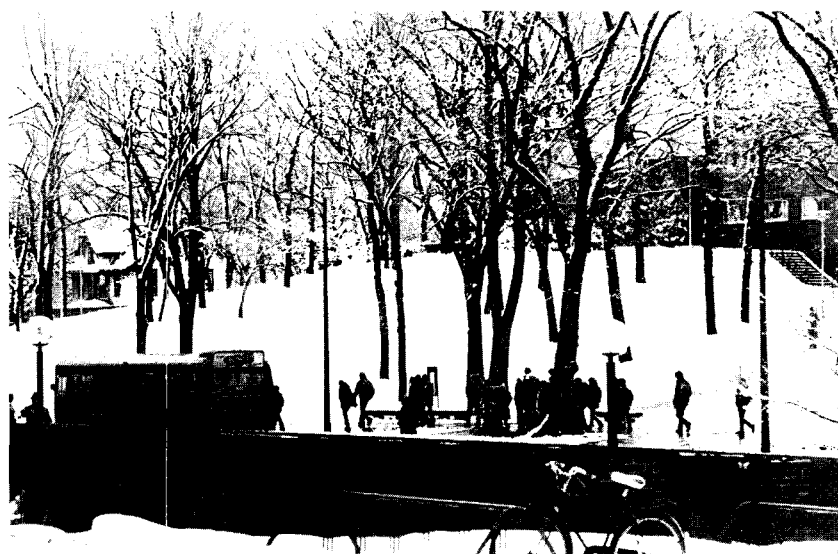
Summer Session — Second Term 1979

July 13	Friday	Last day to pay graduation fees for second term of summer session.
July 16	Monday	Last day to register and pay fees for second term.
July 17	Tuesday	Second term classes begin.

August 17 Friday End of second term.
No Graduate School commencement. Candidates for
baccalaureate degrees should check with college of-
fices for commencement information.

TENTATIVE 1979-80 CALENDAR

	Fall	Winter	Spring	SSI	SSII
Classes begin	9/24/79	1/3/80	3/31/80	6/16/80	7/21/80
End of final exams	12/12/79	3/22/80	6/14/80	7/19/80	8/22/80



University of Minnesota

THE MISSION OF THE UNIVERSITY

The mission of the University is to serve the people of the state, wherever they may be, through teaching, research, and public service. Beyond this, the University is committed to contributing as fully as resources permit to both national and international needs.

The University shares, with all of the state's institutions of higher learning, the responsibility for and commitment to providing the best educational opportunities for the citizens of Minnesota. It also recognizes the importance of cooperation and coordination in making the most effective use of the state's resources and avoiding needless duplication of programs.

Within the total higher education system of Minnesota, the University has a unique responsibility. As the only comprehensive graduate institution in the state, it must strive to meet the increasing needs for graduate and advanced professional education. In accomplishing its mission it is, and must be, the center for research activity and a major source of competent faculty members for other Minnesota institutions. The considerable importance of graduate and professional education should not, however, overshadow the University's commitment to the instruction of undergraduate students.

The first higher education institution in Minnesota, the University has always been a major innovator of new programs and educational services for the people of the state. In the network of Minnesota's total higher education system, the University remains preeminently responsible for such innovation and unique service.

The value of the University, today and in the future, depends upon continuous assessment and reassessment of its role and of the success with which it is filling that role for the citizens of Minnesota. Its flexibility and its willingness to change are the keys to its success.

ITS DEVELOPMENT

On December 22, 1869, William Watts Folwell delivered his inaugural address as the first president of the University of Minnesota. With a prophetic look at the future, he foresaw a great "federation of schools" — the modern university with its vast educational scope. He forecast a university "not merely from the people, but for the people."

The University was chartered in 1851, 7 years before the Territory of Minnesota became a state. It began as a preparatory school, was beset by financial crises during its early years, 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 the country.

In 1869, when the University reopened its doors and President Folwell gave his farsighted inaugural address, there were only 9 faculty members and 18 students. Two students were graduated at the University's first commencement in 1873. Today, the visionary's dream has become a reality. The University has grown into a major center of education, creative scholarship, research, and service. It is one of the largest universities in the United States, with an enrollment of about 55,000 students in its degree-granting colleges and schools and more than 18,000 in Continuing Education and Extension. Its administration and faculty are constantly evolving to accommodate the burgeoning student body and to meet the demands of a society experiencing momentous change.

ITS STRUCTURE

The University of Minnesota is governed, under its charter from the state, by its Board of Regents — 12 citizens of the state elected by the legislature. Its chief administrative officers are the president; the provosts at Duluth, Morris, Crookston, and Waseca; 6 vice presidents; the associate and assistant vice presidents; and the deans and directors. Money to support the University's teaching, research, and service activities comes from earnings, from legislative appropriations, from student fees, and from endowments, grants, and donations from many sources.

The University offers programs on five campuses as well as in extension services throughout the state. Most of the colleges and schools, as well as the University's central administration, are located on the Twin Cities campus/Minneapolis. The Institute of Agriculture, Forestry, and Home Economics; the College of Biological Sciences; and the College of Veterinary Medicine are located on the Twin Cities campus/St. Paul. The University system also includes a medium-sized university at Duluth, a liberal arts college at Morris, and 2-year technical colleges at Crookston and Waseca.

EQUAL OPPORTUNITY STATEMENT

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 Section 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 Health, Education, and Welfare, 330 Independence Avenue S.W., Washington, D.C. 20201.

BULLETINS, GRADING, DEGREES

Bulletins

Each college and other major division of the University produces a bulletin containing admission requirements and procedures, course descriptions, degree requirements, and college regulations. College bulletins are available for review in the libraries and in counselors' offices of most Minnesota high schools and colleges; bulletins or other informational materials on college programs may be obtained by writing to the Office of Admissions and Records on the appropriate campus. Requests for such information cannot be filled unless the ZIP code is included in the return address.

Additions and modifications are sometimes necessary during the 2-year period for which most bulletins are published. The University and collegiate governing bodies reserve the right to make these alterations without notice.

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 (as of fall 1978); Morris, A-B-C-No Record and Satisfactory-No Record; Waseca, A-B-C-No Credit and Satisfactory-No Credit; and Crook-

ston, A-B-C-D-F and Pass-No Credit. As of fall 1978, Duluth will also be recording plus and minus grades.

Each college specifies what courses or what proportion of courses may be taken on a particular grading system by its students. Some colleges, for example, do not permit students to take required major or premajor courses or prerequisite courses on a Satisfactory-No Credit basis. Grades of N do not carry grade points and are not included in calculation of the grade point average.

In addition to, or instead of, receiving letter grades, students may be assigned the registration symbols W, I, or V. A W (withdrawal) indicates official cancellation of a course without grade; an I (incomplete) indicates that work must be made up before a grade will be assigned; a V indicates 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.

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

Since fall quarter 1977, the University has maintained a single transcript system. Under this system, each student has a single computerized record, an official transcript, that lists all course registrations after the second week of each quarter of classes (after the first week of each summer term) and 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 5-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), I (incomplete), or W (withdrawal) did not appear on this transcript. Under the new 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.

Students enrolled during the 5-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 beginning work fall quarter 1977 or after will have one record, an official transcript, showing all registrations and their outcomes.

Limitations on Release of Transcripts — Students who fail to satisfy their obligations to the University and thus incur a "hold" on their records must remove the "hold" before their records will be released by the University.

Because of the Privacy Act (see the section on University Policies and Regulations in this bulletin), telephone requests for transcripts will not be honored and grades will not be released over the phone. A transcript will not be released to anyone without a student's *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.

When a financial or disciplinary hold is placed on a student's record, that student may neither register nor obtain copies of his or her transcript as long as the hold remains on the record. 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 Registration and Student Records Office. In most cases (unpaid tuition is one exception), holds will not be imposed for indebtedness of less than \$5. Disciplinary holds may be imposed for any violation of the Student Conduct Code.

An academic hold may be imposed by a student's college for failure to meet the college's minimum grade point average or to file a program of study, as well as for other scholastic reasons. Students with such holds on their records may not register, but they may obtain copies of their transcripts. Holds may also be placed on the records of degree candidates who have any outstanding debts to the University and on the diplomas of those who owe more than \$25 to the University at the time of graduation. In order to receive their degrees, students must be cleared of all financial obligations to the University.

A student will usually be notified of an existing or impending hold by the University department or office authorizing the hold. If such notice is not given, a student 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 distributed each quarter with registration materials.

To remove a hold from his or her record, a student must first clear the hold with the office or department authorizing the hold. To do this, the student must pay the debt owed, correct the scholastic deficiency, or be cleared by the Special Counseling Office. For most debts, the student will receive a fee statement, which he or she will submit with payment at the Bursar's Office; the receipted fee statement may be presented 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 Registration and Student Records Office *in writing* that the hold may be removed from the record. Once the hold is removed, the student may proceed with registration or obtain transcripts.

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

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 requirements for a liberal education.
- 2) Undergraduate students must present 45 credits awarded by the University of Minnesota. Of the last 45 credits earned prior to graduation, 30 credits must be awarded by this University. All credit awarded by this University, regardless of the type of instruction and regardless of the University unit through which the credit is offered, will count toward the credit requirement for the

degree. This policy, effective fall quarter 1974, replaces the previous "residence credit" requirement. Each University college may indicate for its students what maximum or minimum number of credits in which types of instruction shall be permitted for its degrees.

- 3) Graduate School students must meet only the academic and residence requirements of the graduate departments and of the Graduate School.
- 4) The student must meet all financial obligations to the University.
- 5) Prospective graduates must file an application for the degree 2 quarters ahead of the expected commencement date. Graduates should expect a delay of approximately 3 months after commencement before diplomas are mailed.

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 programs varying broadly in subject matter, duration, and structure and leading to associate, baccalaureate, graduate, or professional degrees. They have different admission requirements and graduation standards.

Each University student is enrolled in a single college or school. Twelve of these units admit freshmen. The others require 1 or more years 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. Bulletins of and other informational materials about any collegiate unit are available upon request from the Office of Admissions and Records on the appropriate University campus.

Special counseling for veterans of the armed forces is available on each campus of the University. Vocational counseling, information on veterans benefits, and aid with college and Veterans Administration application forms is offered by the veterans counselors. Check with the Office of Admissions and Records for their names.

Application Timing

The last day that freshman and advanced standing applications to most colleges and programs can be guaranteed consideration is July 15 for fall quarter admission, November 15 for winter quarter, and February 15 for spring quarter. 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 (applications received prior to May 15 will have priority), October 15 for winter quarter, February 15 for spring quarter

Business Administration — July 15 for fall quarter, October 15 for winter quarter, January 15 for spring quarter

Dental Assisting — July 15 for fall quarter (applications received before May 1 will have priority), 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 December 1 of the year preceding expected entry

Education — end of first week of spring quarter for fall quarter admission to elementary education, and recreation and park administration; other majors apply early in the quarter preceding expected entry

Law School — March 1

Medical School — between June 15 and November 15 of the year preceding expected entry

Medical Technology — April 15

Nursing — March 1

Occupational Therapy — April 1

Pharmacy — between October 15 and April 15

Physical Therapy — March 1

Veterinary Medicine — November 15 of year preceding expected entry

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

Application Procedures

Students are admitted to a specific college, program, or school and for a specific quarter. Freshman application forms are generally available from high school counselors or from the Office of Admissions and Records. Application forms for new advanced standing (transfer) students may be obtained from any University admissions office. Applications must be returned to the Office of Admissions and Records on the appropriate campus with any necessary credentials and a \$10 nonrefundable credentials examination fee (for most colleges; see exceptions below). The credentials examination fee is good for 1 year following the quarter for which the student originally sought admission. Law School application forms are available from the Law School and must be returned directly to the Law School.

As of fall quarter 1976, applicants seeking admission to the School of Dentistry, Graduate School, Law School, Medical School, and College of Veterinary Medicine must pay a \$5 nonrefundable credentials examination fee if they have earned or are completing requirements for a baccalaureate degree at the University; for all others the fee is \$15.

For students applying to different colleges on a single University campus, the colleges will consider an application in successive order if a student so indicates on the application form or if a student changes his or her mind after submitting the application. Those wishing to apply to more than one campus of the University may do so by submitting a single application form to be forwarded to the different campuses in series or by sending separate application forms and credentials examination fees to each campus.

Students who wish to enter the University but think they may not qualify for admission should write to the Office of Admissions and Records on the appropriate campus. Almost every college of the University makes special arrangements to admit worthy applicants regardless of their precollege record. Recommendations from high school principals and counselors are encouraged in many of these cases. See also Admission by Examination.

Early admission (usually after the junior year in high school), admission of nonresidents, and summer-only admission are described on pages 20-22.

Admission decisions are made with the best information available, according to criteria established by collegiate faculties. Applicants who believe that information 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 the 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 that exist for that college or program.

Freshman Admission

High school graduates and students with less than 1 year (39 quarter credits) of previous college work are eligible to enter 12 of the 27 collegiate units of the University. Colleges, campuses, and programs open to freshman are:

- College of Agriculture
- Program in Dental Assisting
- Program in Dental Hygiene
- 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, students must submit a Minnesota College Admission Form and the \$10 credentials examination fee. Forms are available from high school counselors or from any college admission office. Students should complete the designated sections of the form and return it to their high school counselor, who will attach a transcript and send the form and fee to the Office of Admissions. Students who have completed some college credits must have official transcripts of their work sent by the college(s) they attended to the Office of Admissions.

Most freshmen entering the University must submit scores from either the American College Testing program (ACT) or the Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT). Exceptions are some Institute of Technology students who are not required to submit any test scores (see IT section), and applicants to the Crookston and Waseca campuses, who are encouraged but not required to submit scores from the PSAT, ACT, or School and College Abilities Test (SCAT). Early testing is encouraged; applicants who choose to take the ACT should register for the October or November test dates in their senior year. Those who choose the PSAT or SCAT must take it during the Minnesota Statewide Testing Program's all-student testing in their junior year. Fees are required for both the PSAT and ACT. More information on 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 stipu-

lated in the section on admission requirements for each college and campus. In the requirements listed, a high school unit stands for 1 year (approximately 180 hours) of work in the subject.

Admission With Advanced Standing

The University welcomes applications for "advanced standing" admission from students who have completed at least 1 full year of transferable work at another accredited university or college. 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 pages 14-15). See individual college bulletins for graduation requirements.

Decisions on advanced standing admissions are based primarily on the previous college record. Admission standards vary according to the college or program that the student plans to enter. Applicants normally must present a grade point average of at least 2.00 (C) in a full 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 carrying D grades, will be accepted for transfer. Some colleges, however, place constraints on the acceptance of courses carrying D grades, particularly in courses in the major. The grades and credits earned in transfer courses are not calculated as part of the student's University grade point average. However, grades earned in courses at other institutions do affect admissibility to the University, and students may be required to make up grade point deficits.

Applying for Transfer

Application forms, available from the Office of Admissions and Records on the appropriate campus, should be submitted with the \$10 nonrefundable credentials examination fee (\$15 for School of Dentistry, Graduate School, Law School, Medical School, and College of Veterinary Medicine students).

Applicants also must request that official transcripts covering all work attempted, whether satisfactorily or unsatisfactorily completed, be sent by all the colleges that they have attended. (An official transcript is one bearing the college seal and sent directly from the college to the University of Minnesota Office of Admissions and Records.) Applications and transcripts should be submitted to the Office of Admissions and Records well in advance of application deadlines. Individuals seeking fall quarter admission to undergraduate programs should apply during the preceding academic year as soon as fall semester or winter quarter grades are recorded on their official transcript. A list of courses in progress must be included with the application; when the course work is completed, an official final transcript must be submitted.

Other requirements of specific colleges are listed within each college or campus section of this bulletin.

Transfer Credit

The University allows credit for work completed at another accredited institution if it is appropriate to the student's program here. 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 4 semester credits would transfer with 6 quarter credits.

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

Credits from programs completed at certain vocational and technical schools, including all Minnesota area vocational-technical institutes, are accepted by the General College on the Twin Cities campus/Minneapolis.

Students planning to enter advanced courses in areas in which they have completed previous college work should read the course descriptions carefully to determine the course level for which they are best suited. Advisers in the college office or appropriate department can answer questions about course content to prevent duplication of work already covered .

Credit by Examination

Students who believe their knowledge of a subject is equal to that required to complete a particular course may apply for a credit examination in most colleges and departments. If review of an application and the applicant's background leads to approval, arrangements may be made with the appropriate department or instructor to take the test. During the first quarter of enrollment departmental examinations may be taken at no charge; after the first quarter a \$20 fee is assessed for each examination. Usually no grade is assigned for credits earned in this way.

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 the 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, requests for application materials must be sent to the Graduate School, 307 Johnston Hall, 101 Pleasant Street S.E., University of Minnesota, Minneapolis, Minnesota 55455. Requests should specify the 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 are submitted directly to the Graduate School. They must include an application form, one official transcript from each college attended, a credentials examination fee, and any test results required. The Admissions Office 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 earlier deadlines than those listed above and also require additional application and supporting materials. It is the

applicant's responsibility to obtain information about those deadlines and requirements from the director of graduate study in the 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 1 to 4 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 these professional programs 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 table of deadlines on pages 15-16.

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. Adult special students are not candidates for degrees, but they may later qualify for admission to degree programs upon college recommendation. If they are admitted to degree candidacy, credits they have earned as adult special students will be applied to the degree programs where possible. Some colleges, including the Graduate School, limit the number of adult special credits that can be transferred to a degree program.

Admission is completed through the Office of Admissions and Records of 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. Except as noted below, colleges have no established deadlines for application for adult special status. The exceptions are as follows:

Business Administration — August 15 for fall quarter, November 15 for winter quarter, February 15 for spring quarter

Liberal Arts — September 1 for fall quarter, December 1 for winter quarter, March 1 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 program (ACT), the Preliminary Scholastic Aptitude Test (PSAT), or College Entrance Examination 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. They are also eligible to pay resident tuition rates. Minnesota residents may attend public institutions and pay resident tuition rates in these states under these agreements. See page 28, Nonresident Tuition Rates, for addresses where application forms are available.

Admission to Summer Session

Courses in the two 5-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, requiring no advance application, 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 in 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 section on admission standards for requirements of the specific colleges).

The College of Liberal Arts, General College, College of Business Administration, and the 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 are allowed to 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 paraprofessional health programs begin course sequences only in fall quarter.

Outstanding high school students who are between their junior and senior years may take courses during the summer session. They must file regular freshman application forms but need not submit the \$10 credentials examination fee. The applications should be submitted at least 2 weeks before the beginning of the summer session. 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 high school students who 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. Personal interviews, comprehensive testing, and letters of recommendation from the high school principal or counselor and the parents are required. Applicants for the fall quarter should apply in the winter or early spring, using the regular application form and submitting the \$10 credentials examination fee. Students admitted under this plan normally would not receive a high school diploma.

Admission by Examination

High school equivalency examinations may be taken by non-high school graduates who are 19 years of age or older. Most people who seek admission by this method have been out of school for more than a year. For information about such admission, write to the Office of Admissions and Records on the appropriate campus.

Admission With Advanced Placement

The University offers both credit and advanced placement according to scores gained by freshman applicants on the advanced placement tests of the College Entrance Examination Board. These tests should be arranged through the 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. Under the Senior Citizen Education Program, courses may be audited free of charge or taken for credit for a fee of \$2 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.

The coordinator for the Senior Citizen Education Program on each campus except Morris is a staff member in the Office of Admissions and Records. On the Morris campus, the coordinator is a staff member in the Office of Continuing Education and Regional Programs.

For more information on the Minneapolis campus, call the Office of Registration and Student Records, 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. Application for transfer should be made at the Office of Admissions and Records on the campus where the student is currently registered or last attended classes. That office facilitates transfers by securing clearances, reevaluating credits, and forwarding documents.

Students should apply as early as possible before the expected date of transfer. The last dates for consideration of applications can be assured are July 15, November 15, and February 15 for the fall, winter, and spring quarters, respectively, except for professional schools and other colleges with special earlier deadlines (see section on Application Timing).

TUITION AND FEES

For undergraduate residents of Minnesota living in University residence halls or private housing, total annual costs range from about \$3,100 at the Morris and Waseca campuses to about \$3,800 at the Twin Cities campus. Costs for those who live at home average about \$800 less. For dentistry, medicine, and veterinary medicine, expenses for resident students are about \$5,895 to \$6,430 for 3 quarters. Nonresidents should add at least \$1,460 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 that of 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, make no cash outlay for room and board; others "work out" room and board costs. Depending on tastes and special situations, the cost may be higher.

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, 1978-79

College	Fees ¹	Books and Supplies ²	Room and Board ³	Total ⁴
Students in College of Liberal Arts, General College, University College, and Program in Dental Hygiene . . .	\$1000	\$225	\$1730	\$3800
Students in colleges of Business Administration, Agriculture, Forestry, Home Economics, and Education. . .	1070	225	1730	3800
Students in College of Biological Sciences, School of Nursing, and Institute of Technology	1130	225	1730	3800
Students in Graduate School	1400	225	1930	4510
Students in Law School and Department of Mortuary Science	1400	225	1930	4510
Students in College of Veterinary Medicine	2200	810	1930	5895
Students in programs in Physical and Occupational Therapy, Medical Technology, and the School of Public Health	1280	225	1730	4080
Students in College of Pharmacy	1400	225	1730	4510
Students in Medical School (first year)	2200	500	2070	5895
Students in School of Dentistry	2200	500	2070	5895
Undergraduate students at Crookston campus	857	175	1650	3300
Undergraduate students at Waseca campus	846	204	1470	3100
Undergraduate students at Duluth campus	1000	200	1625	3450
Undergraduate students at Morris campus	978	200	1305	3065

¹Estimates for resident tuition, student services fee, and other fees.

²Costs may vary; estimates include \$500 for dental instruments and \$450 for microscope for students in veterinary medicine.

³University residence hall rates for 1978-79 on the Twin Cities campus range from \$1,605 to \$2,135 for room, board, and telephone. Typical rate is about \$1,680.

⁴Total includes estimated miscellaneous living costs and transportation expenses.

Tuition

(Fees and policies are subject to change without notice)

The following table shows the basic tuition and student services fee for each University unit. Students in the Graduate School pay tuition on a credit-hour basis. Students in the Medical School pay tuition on a full-time (10 credits or more) or half-time (1-9 credits) basis. Other students taking less than 12 credits a quarter pay tuition on a credit-hour basis. Fees are payable at the time of registration before the quarter begins. Fees for auditors are the same as for students registered for credit. Registration is complete when fees are paid.

Graduate students holding appointments as teaching assistants, project assistants, research assistants, teaching associates, administrative fellows, and instructors at 25 percent time or more pay 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.

Students who are in postbaccalaureate professional degree programs (law, 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 are eligible to pay at the Graduate School assistant rate.

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 3 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 1 academic-year quarter. The use of the privilege is extended, after completion of the qualifying 3 quarters of appointment, on a quarter-for-quarter basis up to a maximum of 6 quarters of use. Appointment for 3 quarters entitles extension of the privilege for 3 additional quarters; more than 3 quarters entitles extension (on a quarter-for-quarter basis) for not more than 6 quarters. The entitlement of the qualifying appointee and members of his or her immediate family to this privilege will not extend beyond 3 years from the termination of the last or most recent qualifying appointment.

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

Medical and dental fellows who are registered in the Graduate School may pay fees at the resident rate. Civil service appointees working 75 percent time or more who are registered in the Graduate School also may pay fees at the resident rate. This privilege does not extend to members of the immediate families of such appointees.

Residence advisers with a bachelor's degree are allowed to pay tuition at the resident rate of the college in which they are enrolled.

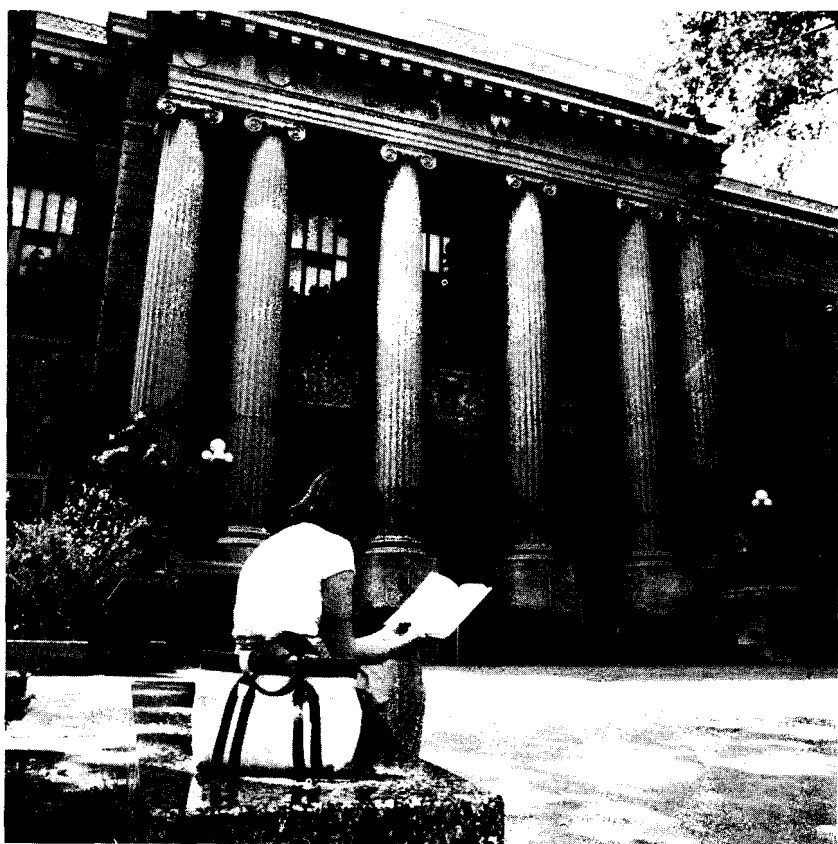
Nonresident undergraduate teaching assistants and research assistants are not eligible to pay resident tuition rates.

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 of one college taking work in another pay the tuition fee 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. This rule does not apply to students who have paid fees for the full normal period of residence in the college with higher fees.

Extension 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.

New 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 their immediate families may pay resident fees in all colleges. Similar provision is made for military personnel on active duty in Minnesota for reasons other than college attendance. New full-time faculty members on the staffs of accredited Minnesota colleges (not their families) have the same privilege as provided for new University faculty members. Persons to whom these provisions apply should contact the Office of Admissions and Records, 150 Williamson Hall, to make appropriate arrangements.



TUITION 1978-79

(Subject to approval by the Board of Regents)

Types of Students	1978-79 Quarter Fee		Credit Hour Fee	
	Resident	Non-Resident	Resident	Non-Resident
Students registered in the College of Liberal Arts, General College, University College, Program in Dental Hygiene, College of Letters and Sciences (Duluth), School of Fine Arts (Duluth), and at the Morris campus	5271	\$ 772	\$22.75	\$ 64.50
Students registered at the Crookston and Waseca campuses	250	687	21.00	57.25
Students registered in the colleges of Agriculture, Business Administration, Education, Forestry, Home Economics, Education (Duluth), and Business and Economics (Duluth)	297	847	24.75	70.75
Students registered in the College of Biological Sciences, Institute of Technology, and School of Nursing	318	906	26.50	75.50
Students registered in the College of Pharmacy, Department of Mortuary Science, and Law School	408	1143	34.00	95.25
Students registered in the College of Veterinary Medicine, School of Dentistry, and School of Medicine (Duluth)	678	1830	56.50	152.50
Students registered in programs in Medical Technology, Physical or Occupational Therapy, Biomedical Graphic Design, Radiation Therapy, Nurse Anesthesia, School of Social Development (Duluth), and the School of Public Health	357	982	29.75	82.00
Students registered in the Medical School				
1-9 credits	339	915	—	—
10 credits or more	678	1830	—	—
Post-M.D. medical fellow specialist	147	147	—	—
Students registered in the Graduate School				
Students in special categories				
Graduate students in clinical fields in medicine (without appointments)				
1-9 credits	339	915	—	—
10 credits or more	678	1830	—	—
Graduate students in clinical fields in dentistry or veterinary medicine (without appointments)	678	1830	56.50	152.50
Graduate medical or dental fellows	351	351	—	—

Types of Students	1978-79 Quarter Fee		Credit Hour Fee	
	Resident	Non-Resident	Resident	Non-Resident
Other graduate students¹				
Those holding appointments as graduate assistants (25 percent time or more)	—	—	31.00	31.00
Those without appointments	—	—	31.00	86.50
Minimum fee classifications (graduate students registered for credit pay either the minimum fee classification or the per credit hour rate, whichever is higher)				
Doctoral candidates in final quarter	165.00	165.00	—	—
Continuous registration	65.00	65.00	—	—
Thesis only ²	122.00	122.00	—	—
Examination only ³	35.00	35.00	—	—
Evening M.B.A. program, Twin Cities and Duluth	—	—	31.00	31.00
Preparatory courses			48.50 per course	
Summer Session	—	—	17.00	17.00 ⁴
Continuing Education and Extension				
Extension Classes⁵				
1000-level courses	—	—	17.50	17.50
3000-level courses	—	—	19.00	19.00
5000-level courses	—	—	20.00	20.00
8000-level courses	—	—	31.00	31.00
Independent Study⁶				
1000-level courses	—	—	17.50	17.50
3000-level courses	—	—	19.00	19.00
5000-level courses	—	—	20.00	20.00
Laboratory charges			2.00 flat fee	
Students registered for a laboratory course for which the \$2 laboratory fee is charged (as indicated in the <i>Class Schedule</i>) must pay the laboratory fee when tuition and other fees are paid.				

¹Students in the following professional master's programs will pay a maximum tuition rate of \$388 (resident) or \$1081 (nonresident): master of aerospace engineering, master of agricultural engineering, master of architecture, master of business administration, master of chemical engineering, master of civil engineering, master of electrical engineering, master of fine arts, master of forestry, master of geo-engineering, master of geotechnology, master of industrial engineering, master of mechanical engineering, master of metallurgy and materials science, master of mineral engineering, master of mineral resources engineering, master of planning, and master of social work.

²For 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.

³Open 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*.

⁴For summer session 1978.

⁵Effective fall quarter 1978.

⁶Effective July 1, 1978.

Nonresident Tuition Rates

Nonresident tuition rates are charged to students who have not had permanent homes in Minnesota for at least 1 calendar year. However, completion of a year's stay in Minnesota does not of itself establish residence for University purposes, and persons who move to Minnesota, and who are students, may not be able to demonstrate that they qualify for residence here. Thus, 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 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 classification may be changed—for either loss or establishment of residence—it is the student's responsibility to initiate action. If there is any question about individual classification, the student should apply to the Office of Admissions and Records for consideration of her or his status. Reclassification requests must be in writing.

Reciprocity

Under the terms of the Minnesota-Wisconsin Reciprocity Agreement, the Minnesota-North Dakota Reciprocity Agreement and the Minnesota-South Dakota Reciprocity Agreement, residents of Wisconsin, North Dakota, and South Dakota may attend public educational institutions in Minnesota without paying nonresident tuition rates and Minnesota residents may attend public educational institutions in Wisconsin, North Dakota, and South Dakota without paying nonresident tuition rates.

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, Box 41, Brookings, South Dakota 57007.

Fees

(Subject to change without notice)

Student Services Fee

Students registered for 6 or more credits in a quarter pay a student services fee, which provides the services listed in the fee breakdown shown below for each campus.

Certain students on the Twin Cities campus, including those registered in Continuing Education and Extension, are exempted from the student services fee. Twin Cities campus students who are registered only for research or other independent work are exempted from payment of the student services fee if the work is performed exclusively outside the Twin Cities metropolitan area (Hennepin, Ramsey, Dakota, Washington, Scott, Carver, Chisago, Anoka, and Wright counties). Any student meeting the student services fee exemption criteria, including Continuing Education and Extension students, may elect to pay the fee.

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

TWIN CITIES CAMPUS

\$ 1.80 — Board of Publications (<i>Daily</i>)
14 — College Boards
1.35 — Consolidated Athletic Building Fund
.17 — Cultural Programs
.07 — Elections Committee
29.55 — Health Service
34 — International Study and Travel
.17 — Minnesota International Students
11.83 — Minnesota Union Operations
5.00 — Minnesota Union Expansion
.38 — Music Programs
4.15 — Recreational Sports
.45 — Student Aid
.15 — Student Ombudsman Service
1.18 — Student Telecommunications Corporation
.67 — Twin Cities Student Assembly
1.85 — University Student Legal Service
<u>\$59.25 — TOTAL</u>

DULUTH CAMPUS

\$11.00 — Health Services
8.80 — Intercollegiate Athletics
3.50 — Intramural/Recreation Sports
.50 — Intramural Capital Improvement
8.50 — Kirby Student Center
2.10 — Kirby Program Board
.50 — Kirby Coffee House
4.00 — Kirby Capital Improvement
.50 — Convocations and Lectures
1.00 — Music Organizations
.70 — Theatre
1.65 — WDTM
.10 — Foreign Student Development Fund
1.10 — Student Association
.15 — Student Association Loan and Grant
.30 — Child Care
1.35 — <i>Statesman</i>
<u>\$45.75 — TOTAL</u>

CROOKSTON CAMPUS

\$ 6.25 — Health Service
12.00 — Intercollegiate Athletics
.75 — Intramural Sports
1.75 — Student Publications
4.75 — Student Activities
2.00 — Concerts and Lectures
4.00 — Student Union
2.00 — Student Senate
.25 — Booster Club
<u>\$33.50 — TOTAL</u>

WASECA CAMPUS

\$ 2.00 — Convocation
1.25 — Student Government
6.00 — Health Service
7.10 — Student Activities
1.75 — Ram Page
.50 — Radio KUMW
2.40 — Student Union
6.00 — Intercollegiate Athletics
4.00 — Intramurals
1.00 — Intercollegiate Agricultural Competition
<u>\$32.00 — TOTAL</u>

Each student enrolled for 9 or more credits will be assessed a \$6.50 yearbook fee that is refundable during the first 3 weeks of the initial quarter of enrollment each year for a maximum of 2 years.

MORRIS CAMPUS

\$20.00 — Health Service
14.40 — Cultural Events
1.81 — Intramurals and Recreation
7.24 — Men's Intercollegiate Athletics
2.20 — Women's Intercollegiate Athletics
1.93 — Morris Campus Student Association
2.77 — Student Newspaper
3.04 — Student FM Radio
.17 — International Student Program
1.62 — Minority Emphasis Programming
2.10 — Student Activities Office
1.09 — Art Gallery
.53 — Debate and Forensics
<u>\$58.90</u>
- 3.90 — less non-activities fee funds
<u>\$55.00 — TOTAL</u>

International Student Aid

International students 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 \$1 per quarter fee 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 (Duluth, Morris, and Twin Cities campuses).

Special Fees

Additional fees are charged for special services as follows:

<i>Credit by Special Examination</i>	\$20.00	<i>Microscope Rental Fee</i>	
Such an examination may be taken only upon approval of the appropriate committee. (If it is taken during the first quarter after entering or reentering the University, no fee.)		Partial use, 1 quarter	\$ 3.00
		Continuous use, 1 quarter	\$ 6.00
<i>Credentials Examination Fee</i>		<i>Laboratory Fee</i>	\$ 2.00
Undergraduate	\$10.00	Fees charged to cover the material used in classroom work. See <i>Class Schedule</i> for list of individual courses.	
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>Course Fees</i>	
<i>Dentistry Examination Fee</i>	\$26.00	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.	
For examination to determine advanced standing in dentistry.		<i>Music Practice Fees</i>	
<i>English for Foreign Students</i>		For rental of pianos, organs, and music practice rooms. Rates are listed in the <i>Class Schedule</i> issued at registration.	
See <i>Class Schedule</i> issued at registration.		<i>Placement Service Fee</i> — required of degree candidates from:	
<i>Miscellaneous Fees</i>		Duluth	\$10.00
Art	\$ 5.00	College of Education	
Biochemistry (Ag)	\$ 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 non-seniors	
To cover cost of materials and breakage.		Bachelor of science degree candidates from College of Education (except recreation and park administration 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>Duplicate Diploma Fee</i>		Morris (optional)	\$15.00
To replace large diploma	\$10.00		
To replace small diploma	\$ 7.50		
<i>Graduation Fee</i> (including small diploma)			
Each degree	\$10.00		
<i>Hospital Insurance Fee</i> (Duluth)			
Per quarter	\$3.70		
Required of all students taking 6 or more credits unless carrying equivalent hospital insurance			
<i>Large Diploma Fee</i>	\$ 7.50		
Any graduate may purchase a large diploma instead of a small one by paying this fee in addition to the graduation fee			

<i>Late Fee</i> — for late registration or payment		<i>Technolog</i>	\$1.00
Through first week of classes	\$ 6.00	Institute of Technology students only.	
Through second week of classes	\$10.00	<i>CBA Communique</i>	\$1.00
Through third week of classes and thereafter	\$20.00	College of Business Administration students only.	
<i>Record Service Fee</i>	\$ 6.00	<i>Thesis Examination Fee</i>	
This fee, required of all new students, provides three certified copies of student records.		For professional engineer degree	\$15.00
Each additional copy	\$ 1.00	<i>Thesis Microfilm Fee</i>	
At Duluth, \$1.00 required each time student requests 1-3 certified copies of his or her student record. When more than 3 copies of transcripts are required, a charge of \$1.00 will be made for each additional copy.		Ph.D. thesis	\$30.00
		<i>Orientation Fee (Twin Cities)</i>	\$ 5.00
		Required of all new students, except graduate students who attended the Twin Cities campus as undergraduates, at the time of initial registration.	

Speech and Hearing Clinic Fees

See *Class Schedule* issued at registration.

Refunds

If students cancel all or part of their registration before 6 weeks of any quarter have passed, they are entitled to a refund of tuition, student services fee, and course fees 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.

Members of reserve units activated for military service may receive full refund of tuition if credits or incompletes cannot be allowed.



FINANCIAL AIDS

Financing a college education today poses a dilemma for many students. Personal and family resources are sometimes not adequate to cover expenses, and other means of support must be found. One possible source of assistance is the Office of Student Financial Aid, which maintains offices on each campus of the University. About one of every three students receives some form of financial assistance through this University source.

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 in good standing are eligible to apply. Preference is given to those students who have a B average or better and who demonstrate a need for financial assistance to continue their studies. Scholarships may be sought for any or all quarters of the academic year but not for summer terms.

One scholarship with unique qualifications is the LaVerne Noyes resident tuition scholarship. Students who are direct blood descendants of World War I veterans still in the service 6 months before the armistice and who have completed 2 quarters of satisfactory work at the University may be eligible for this scholarship.

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 above-average progress toward a degree.

ROTC Scholarships—ROTC scholarships cover tuition, fees, and textbooks and provide a \$100 nontaxable allowance each month recipients attend school. High school seniors and college freshmen, sophomores, and juniors may apply for these scholarships and are selected through regional or national competitive examinations.

Students who enter ROTC programs as nonscholarship students may compete for the scholarship programs after 1 or 2 quarters of evaluation. Aptitude for military service and academic performance are major considerations in determining scholarship awards.

Completed applications must be submitted by December 15 for the Army or Air Force program and by November 1 for the Navy/Marine program to be considered for the following fall.

Matriculated college sophomores may be eligible for ROTC 2-year scholarship programs.

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

Grants

Basic Opportunity Grant Program—The Basic Educational Opportunity 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 one could receive under this program is \$1600 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.

Supplementary Educational Opportunity Grant—Eligible undergraduate students with great financial need may receive these federal grants for a maximum of 4 years. The grants range from \$200 to \$1500 a year and may constitute no more than half the total assistance given the student.

University Grant—These gift awards are supported primarily by Minnesota legislative funds. All full-time undergraduate students are eligible to apply.

Student Loans

National Direct Student Loan—This federal loan program enables undergraduate students to borrow to a maximum of \$5000. No more than \$2500 can be borrowed during the first 2 years of college. Graduate students may borrow as much as \$2500 per year, to a maximum of \$10,000. Interest at 3 percent is charged on the total outstanding balance beginning 9 months after the borrower ceases study. Repayment begins 9 months after the borrower leaves school, at a minimum rate of \$30 per month. For loans issued prior to July 1, 1972, any borrower who became a full-time teacher in a public institution could have as much as half of the loan canceled at the rate of 10 percent for each year of teaching. For loans issued after July 1, 1972, there is no such cancellation provision. However, borrowers who elect to teach in certain eligible schools located in areas of primarily low-income families may still be considered for cancellation of their entire obligation at the rate of 15 percent per year of teaching. Cancellation benefits also may apply for service in the armed forces in a hazardous duty area at the rate of 12½ percent per year of service, up to a total of 50 percent on the outstanding loan. Repayment may be deferred (not canceled) up to a total of 3 years while a borrower is serving in the armed forces, with the Peace Corps, or with the Volunteers in Service to America (VISTA) program.

Guaranteed Student Loan Program—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 separate 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.

This federal loan program enables an undergraduate student to borrow an overall maximum of \$7500. A graduate student or a student in professional school (law, medicine, dentistry, veterinary medicine, or pharmacy) may borrow a maximum of \$15,000. Academic year maximums are \$2500 for undergraduate students and \$5000 for graduate and professional school students. Some lenders and guarantors have lower academic year limits; for example, some lenders may not loan more than \$1500 to those who have completed fewer than 45 credits.

Interest for all guaranteed student loans is 7 percent. For a borrower whose family adjusted gross income is less than \$25,000, the federal government pays this interest until repayment begins (9 to 12 months after the borrower becomes less than a half-time student). 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—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 3 and 6 percent simple interest, and the loan limit in most cases is \$1000 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 and Scholarship Program—This federal program is for students in the School of Dentistry and in the Colleges of Medicine, Pharmacy, or Veterinary Medicine. For most students, a maximum of \$2500 plus cost of tuition and fees in loans and \$3500 in scholarships is available per year, but usually awards are considerably less than this amount. Scholarships are available 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 7 percent, and repayment of the principal will begin 1 year after termination of study. Repayment may be deferred up to 3 years for full-time active duty in the armed forces, Coast and Geodetic Survey, Public Health Service, or Peace Corps. For students pursuing advanced professional training, including internships and residencies, repayment of the principal may be deferred until the advanced professional training is completed. Interest does not accrue during periods of deferment. For those who practice in a designated shortage area for at least 2 years, the federal government will repay 60 percent of the outstanding principal and interest on health profession loans for the costs of professional education. An additional 25 percent of the loans will be repaid for a third year of practice in such an area. 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 his or her 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 2 years.

A limited number of National Health Service Corps scholarships are available nationally. Recipients of these scholarships are required to provide at least 2 years of service in a federally designated shortage area, for which they will receive a monthly tax-free stipend of \$429 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 Aids Office for more information on this program.

Nursing Student Loan and Scholarship Program—Undergraduate or graduate students in the School of Nursing are eligible for this program. Federal loan money and federal scholarship money are available each school year, although it is likely that only very minimal amounts of the scholarship money will be available in 1978-79. Repayment of the loan, at an interest rate of 3 percent, will begin 9 months after the

borrower leaves the School of Nursing. Cancellation of as much as 85 percent of a loan may be granted to borrowers who practice nursing full time in a public or nonprofit private agency, institution, or organization for 5 years, or in some special cases, for 3 years. School of Nursing undergraduate students are also eligible to apply for Minnesota State Nursing Grants from the Minnesota Higher Education Coordinating Board.

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. (Nonresidents of Minnesota 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 priority date for the Minnesota Higher Education Coordinating Board Scholarship and Grant-In-Aid Program and for the Twin Cities, Duluth, and Waseca campuses of the University. The freshman priority date for the Morris and Crookston campuses is May 1, but the Higher Education Coordinating Board date of March 1 holds for these students also. Late applications receive lower priority for financial assistance.

Entering freshmen must apply to the programs listed below, using the American College Testing-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 American College Testing-Family Financial Statement (ACT-FFS) as both the application and need analysis document for determining 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. Applications should be completed by March 1 for Duluth, Morris, Waseca, and Twin Cities campuses; and April 15 for Crookston. The Higher Education Coordinating Board deadline is March 1 for all campuses.

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
107 Armory
15 Church Street S.E.
University of Minnesota
Minneapolis, Minnesota 55455
(612) 373-4021

DULUTH CAMPUS

Financial Aids Office
139 Administration Building
University of Minnesota
Duluth, Minnesota 55812
(218) 726-8282

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. Further information may be obtained from the Graduate Fellowship Office, 422 Johnston Hall, and from individual departments.

Counselorships

For selected graduate students, there are several positions in dormitories and fraternities that provide room and board and require part-time service. The Office for Student Affairs will furnish information about these positions, as will the coordinator of housing on the Duluth campus.

Aids for Handicapped Students

Blind students may be eligible for other University tuition scholarships, in addition to the usual financial aids. Applications for such scholarships should be made to the Office of Registration and Student Records, Certifications, 150a Williamson Hall, Minneapolis campus. Counseling regarding other financial assistance is available through the Minnesota State Services for the Blind and the Visually Handicapped, 1745 University Avenue, St. Paul, Minnesota 55104.

Veterans with service-connected disabilities may be eligible for rehabilitation services through the Veterans Administration. Write or call the Veterans Assistance Center, Federal Building, Fort Snelling, St. Paul, Minnesota 55111 (telephone 726-1454).

Financial aid for other handicapped students may be available through the Minnesota Division of Vocational Rehabilitation. Information about that program may be obtained from the DVR Liaison Office located in the St. Paul District DVR Field Office, Griggs-Midway Building, 1821 University Avenue, Room 180, St. Paul, Minnesota 55104 (telephone 612-646-7841), or through the DVR office in your home community.

Student Employment Service

On-campus and off-campus employment opportunities for students are coordinated through a central office on each campus. Students should apply in person to this office after they have enrolled and know their class schedule. 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, Crook-

ston, and Waseca campuses, the Financial Aid Office handles part-time student employment. Summer jobs are also available through these offices and through the College Work-Study Program. Chances of being placed depend on the supply of jobs on campus and in the community, on student qualifications, and on the hours available for employment. Work for board and room or caretaking jobs in exchange for apartments are usually available.

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

Chapter 34 (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 Chapter 34, the "G.I. Bill."

A veterans counselor is located on each campus of the University. Check with the Office of Admissions or Office of Student Affairs on the appropriate campus to obtain the counselor's name and location.

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 affecting University programs.

Offices Dealing With Veterans

- Veterans Assistance Office, 240 Williamson Hall, Twin Cities campus/Minneapolis
Registration and Student Records Office, Certifications, 150a Williamson Hall, Twin Cities campus/Minneapolis
- 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 entering 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

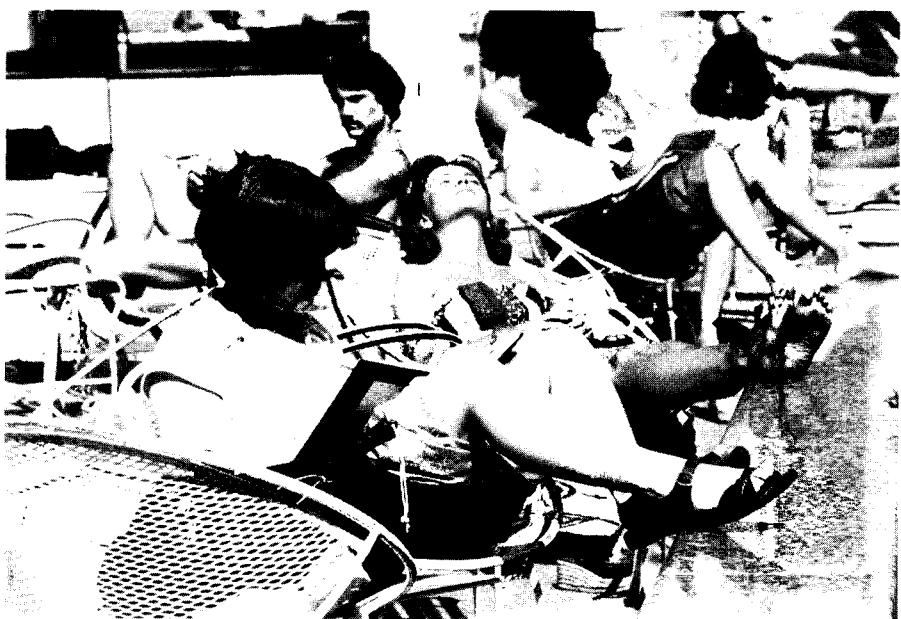
The son or daughter of a person who died or was totally and permanently disabled due to injury or disease incurred or aggravated in the line of duty in the armed forces during World War I, II, or the Korean conflict may be eligible for educational benefits under Public Law 634, the War Orphans Educational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

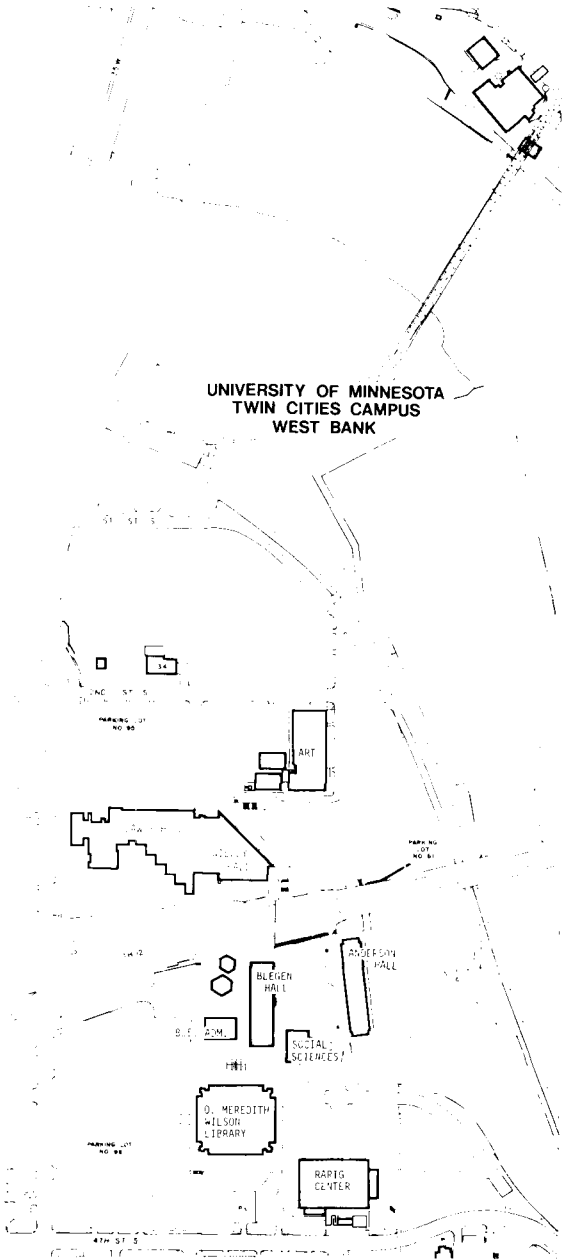
Application blanks and additional information are available at the Veterans Administration; applications should be completed before classes begin. Students pay their own fees and buy their own books under the provisions of these laws. Full payments for undergraduates are made for 12 credits per quarter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

For both types of educational benefits the following procedures must be completed:

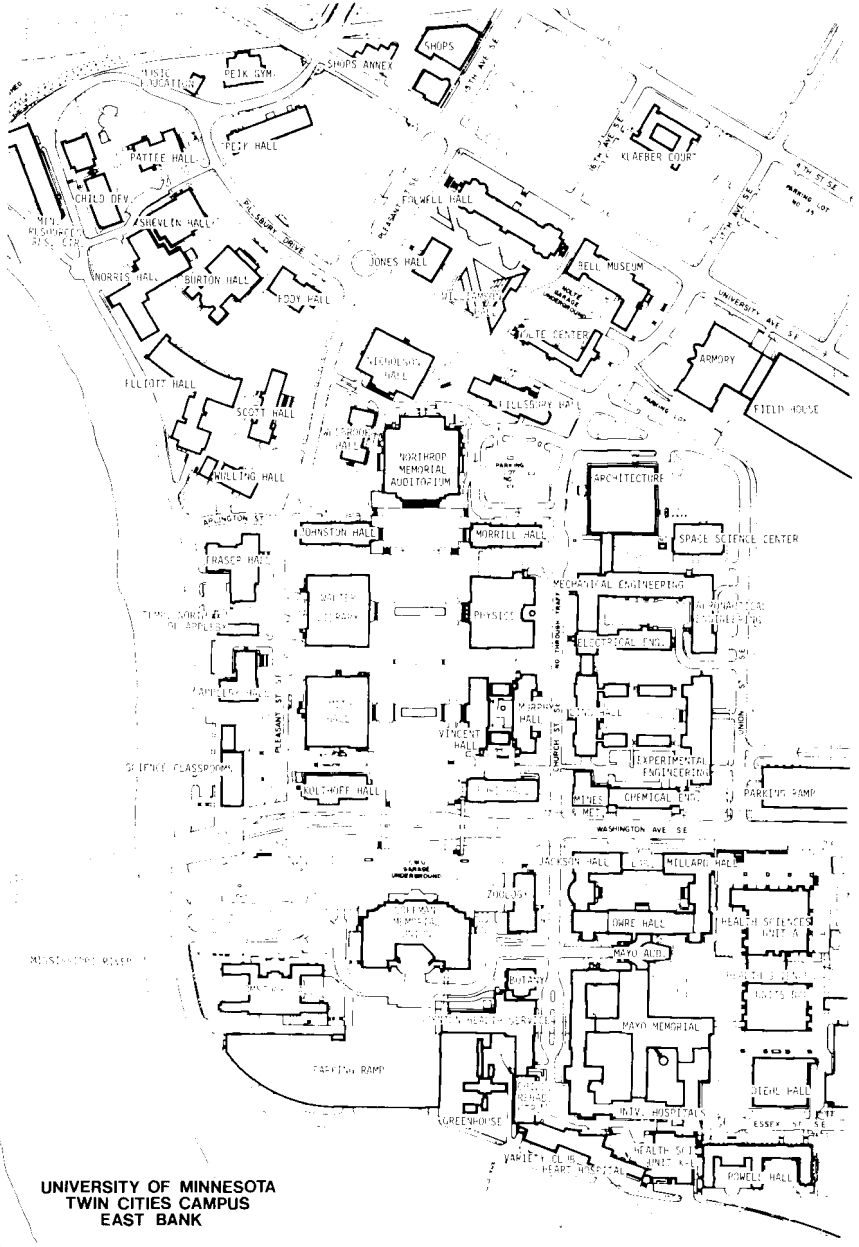
Apply to the Veterans Administration for benefits on or before the first day of classes. Only those who apply will be paid. After application a certification of eligibility is obtained from the Veterans Administration. Present the certificate and a receipted fee statement in person to one of the veterans certification offices listed above.

Students whose previous training period under one of the bills was officially interrupted will have to file a reenrollment form at one of the above addresses to notify the Veterans Administration if they wish to resume training status.

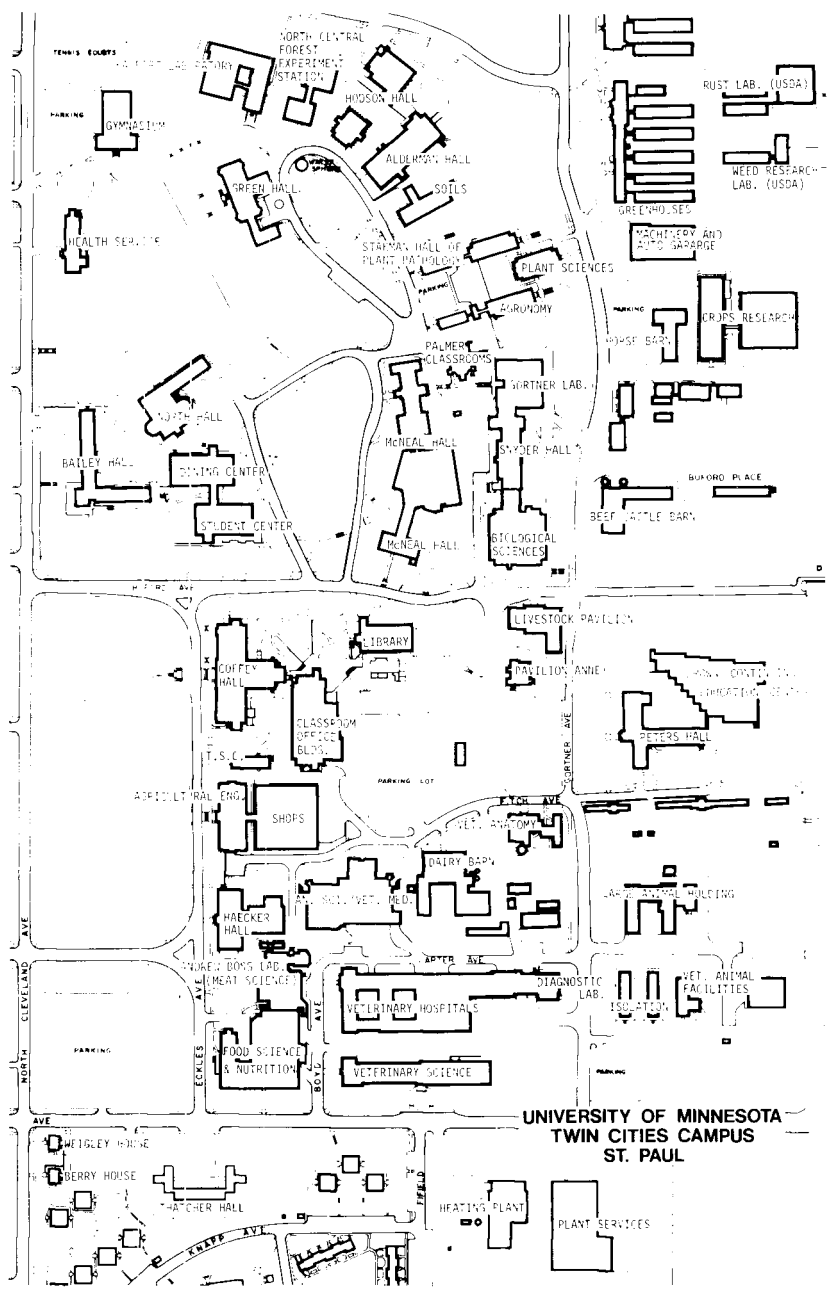




UNIVERSITY OF MINNESOTA
TWIN CITIES CAMPUS
WEST BANK



UNIVERSITY OF MINNESOTA
TWIN CITIES CAMPUS
EAST BANK



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 1 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 St. Paul campus, offers baccalaureate degree programs in a wide range of areas. The 4-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 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: 3 units in English, 1 unit in elementary algebra, 1 unit in plane geometry, 1 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 to pursue postbaccalaureate study in the biological and health sciences or to assume a variety of entry level positions in biology and related areas. Thirty-five percent of the college's graduates enter professional schools in the health sciences (including medical school, dental school and veterinary medicine); a total of 50 percent of the graduates enter advanced training of some kind. For those students who choose to end their formal education with the bachelor's degree, the curricula are designed to provide a sufficient level of sophistication in biology,

physical science, and the liberal arts to prepare them to assume a variety of laboratory, office, or field positions with governmental agencies or industry.

A bachelor of science degree is offered in biology, biochemistry, botany, and microbiology. Graduate programs lead to both the M.S. and Ph.D. degrees in biology, biochemistry, botany, ecology, genetics, and zoology. The program in biology typically emphasizes either cellular and developmental biology, or evolutionary and systematic biology.

Admission Requirements—Students are encouraged to contact the college office at 223 Snyder Hall, St. Paul campus, for advice and counseling as soon as they have identified an interest in the biological sciences. Students normally enter the college at the beginning of their junior year; application for admission may be initiated during the quarter in which the student completes 84 credits.

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

Satisfactory completion of 84 quarter credits is required for admission to the College of Biological Sciences. These credits must include the following: 5 credits of general biology, 10 credits of general chemistry, and 10 credits of analytical geometry and calculus. The deadline for receipt of complete applications (including transcripts) is July 15 for fall quarter (applications received prior to May 15 are handled together and have priority); October 15 for winter quarter; and February 15 for spring quarter.

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*.

College of Business Administration

The College of Business Administration offers academic course work in preparation for positions of responsibility in business. Emphasis in the curriculum is on fundamental principles of business operation rather than specialization in current practices.

The college offers the final 2 years of what is normally a 4 year undergraduate program. Admission is based on satisfactory completion of a 2-year prebusiness program. The minimum grade point average required for consideration for the regular program is 2.50 and for the accounting program 2.70. Prebusiness program requirements include course work in accounting, calculus, economics, statistics, and other course work necessary to fulfill liberal education distribution requirements.

Two degree programs are offered by the college: 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, and quantitative analysis. During the senior year the student may take elective courses to provide depth within business areas of personal interest, plus additional electives outside the College of Business Administration. 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.

A combined program leading to a degree in agricultural business administration is offered with the College of Agriculture. This program is described in the *College of Agriculture Bulletin*.

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

Program in Dental Assisting

This program, offered jointly by the School of Dentistry and the General College, is designed to prepare men and women to perform a variety of duties as dental assistants. It permits students to attain three major objectives in 2 years: (a) a general education, (b) education requirements for certification as required by the American Dental Association, and (c) education requirements for registration by the Minnesota State Dental Association.

Students register in the General College. Credits earned during the 2 years may also be applied toward the requirements for the 2-year associate in arts (A.A.) degree.

This program begins in fall quarter, and application deadline is July 15. Applications received prior to May 1 will be given priority. Any advanced standing students applying for winter quarter admission must submit applications by October 15, and those applying for spring quarter admission must submit applications by February 15. Required entrance examinations include the ACT and/or the Dental Assisting Aptitude Test.

Students who have received the associate in arts degree including the specified dental assisting courses with a C average may apply for admission to the dental assisting teaching degree program. This is an additional 2- to 3-year course of study leading to a bachelor of science degree in University College.

Program in Dental Hygiene

This program consists of 7 quarters of study in the School of Dentistry with concurrent course work in the College of Liberal Arts. The degree of graduate dental hygienist (G.D.H.) is granted upon completion of the prescribed course of study. Graduates of this program or another accredited dental hygiene program may apply for entry into the bachelor's degree program in dental hygiene, which offers majors in dental hygiene education or dental hygiene public health. Upon receipt of the G.D.H. degree, the graduate must obtain a license to practice by passing a state board examination. Dental hygiene graduates may provide preventive dental or dental health education services in public schools, health departments, hospitals, industrial institutions, and private dental offices.

Applicants for admission to the G.D.H. program should be in the upper 25 percent of their high school class. A high school transcript with PSAT and/or ACT scores must be submitted with the application. High school chemistry or its equivalent is also required for entry. Students entering the program with advanced standing should have at least a 2.00 (C) grade point average. All applicants to the G.D.H. program are required to take the Dental Hygiene Aptitude Test. Applications for the G.D.H. program are accepted through April 15 of each year. An applicant to the bachelor of science degree program in dental hygiene education and dental hygiene public health must have completed an accredited dental hygiene program, be a licensed dental hygienist, 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 the 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 3 years of pre dental liberal arts study and 2 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 4-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. Taking such courses in the summer preceding fall admission is not acceptable.

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 3-year applicants and 15 percent (of 180 credits) for 4-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 and Records, 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 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 3 days to 1 week in duration. In some courses clinical practice is included. 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.

The college has a selective recruitment program to encourage minority students who are considering careers in education.

All fields admit students for initial enrollment in the fall quarter. Each field may accept additional applicants either for winter or for spring quarter. Those who wish to transfer in midyear should obtain current transfer information for the major field of interest. Applications for fall admission to elementary, secondary social studies, and recreation and park administration programs must be received by the Office of Admissions and Records no later than the end of the first week of the previous spring quarter; applications for other programs should be filed early in the regular quarter preceding the one for which admission is desired. The college has been able to accept most qualified applicants.

Students who wish to prepare for teaching in art education, business education, distributive education, industrial education, physical education, recreation and park administration, and vocational-industrial education register in the College of Liberal Arts for 1 year before transferring to the College of Education.

Students wishing to become elementary or kindergarten teachers complete a 2-year preparatory curriculum in the College of Liberal Arts before applying for transfer to the College of Education. Because of enrollment limitations, the Admissions Committee cannot accept all applicants who meet minimum requirements.

Students wishing to major in music or music therapy, school health education, or a secondary academic field register for their first 2 years in the College of Liberal Arts, where they complete the required prerequisite courses for their academic majors as well as work in general education. When near completion of 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 2 years of work and then enter a combined program with the College of Education leading to the bachelor's degree.

College of Forestry

This college, located on the Twin Cities campus/St. Paul, offers baccalaureate and graduate degree programs in forestry subject areas. Four-year curricula leading to the B.S. degree are offered in the areas of forest resources, forest science, forest products, and recreation resource management. Graduate degrees offered through the Graduate School include the master of forestry, master of science, and Ph.D.

Admission Requirements—High school graduates with three units of mathematics (elementary algebra, geometry, higher algebra, or equivalents) plus 1 year of natural science who present ACT or PSAT test scores may be admitted. Admission decisions are based on the College Aptitude Rating, which is a combination of high school rank percentile and test scores. For those taking the ACT, the total of the HSR percentile plus two times the ACT composite standard score must equal 100 or more. For applicants who have taken the PSAT, the total of the HSR percentile plus the PSAT verbal standard score plus PSAT mathematics standard score must equal at least 140. Applicants with college aptitude ratings slightly under these cutoffs should apply; their applications are individually reviewed.

General College

Each student enrolled in the General College plans a course of study in consultation with an adviser. A student may design one of two 4-year programs leading to the bachelor of applied studies (B.A.S.) degree or the bachelor of general studies (B.G.S.) degree; a 2-year general education program leading to the associate of arts (A.A.) degree; or a certificate program in an occupational speciality. Some students begin their University studies in the General College and then transfer to another unit of the University with advanced standing credit. The amount of credit transferred depends upon the program to which the student transfers and the quality of work in the General College.

Through joint programs in which the General College cooperates with other units of the University and with Minnesota postsecondary institutions, General College students may combine general education courses with instruction in various occupational fields. Cooperative occupational programs are currently available in such fields as dental assisting, marketing, legal paraprofessional work, human services, and radiologic technology. Credits earned by students taking technical courses in occupational sequences, and in some cases credits granted for documented learning associated with work experience, can be applied toward the requirements for the A.A., the B.A.S., or the B.G.S. degree. Students who have completed post-high school study at public or private vocational educational institutions should inquire at the Division of Counseling and Student Development, 10 Nicholson Hall, about the possibility of receiving degree credit for such study.

In the General College the A.A. degree is granted for 2 years of work (90 credits) and satisfactory performance on a comprehensive examination. The B.A.S. and B.G.S. degrees are conferred for 4 years of work (at least 180 credits and the senior

report) distributed according to General College and all-University requirements for baccalaureate degrees. Admission to either of the General College's baccalaureate programs requires an A.A. degree or its equivalent. Students or prospective students wishing to enroll in one of the baccalaureate programs should inquire at the Division of Counseling and Student Development for information about submitting a proposal.

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 and student personnel services are appropriate. ACT, PSAT, or SCAT test scores must be submitted. Non-high school graduates who perform satisfactorily on scholastic aptitude tests may also apply for admission.

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 section on University of Minnesota, Duluth).

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

College of Home Economics

The College of Home Economics, located on the St. Paul campus, offers baccalaureate degree programs in a wide range of areas. The 4-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 occupations (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: 3 units in English, 1 unit in elementary algebra, 1 unit in plane geometry, and 1 unit in higher algebra or equivalent courses. ACT or PSAT scores must be submitted.

Law School

The program leading to the J.D. (juris doctor) degree requires 3 academic years of full-time Law School study. Curricular objectives are to provide the basic prepara-

tion required for the practice of law, the teaching of law, and legal research. Emphasis is placed on understanding the history, principles, and purposes of legal institutions and the operation of these institutions in the modern world, as well as on developing 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. While 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 the 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—Four 4-year degrees can be earned in CLA: bachelor of arts, bachelor of fine arts, bachelor of individualized studies (pending final regents' approval), and bachelor of science degrees. There is also a 2-year associate in liberal arts degree.

Bachelor of Arts—This program, most commonly 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 use of a language or a program combining language study with related culture and civilization courses). Majors are available in these 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.

Courses but not majors are available in a number of other fields including business administration, comparative literature, criminal justice studies, history of science and technology, public affairs, public health, 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 music, art, or theatre. The program combines broad background and specific concentration to prepare students for work as practicing artists, performing musicians, or 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 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, social work, sociology (pending final regents' approval), 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 90 credits after admission. The degree is pending final regents' approval and will go through an experimental phase with limited enrollment.

Associate in Liberal Arts—This degree minimally requires completion of 90 CLA credits in 6 or 7 quarters at the University, with distribution of courses among the fields of study contributory 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.

Cross-Disciplinary Studies provide multidisciplinary sequences centered around individual themes in both year-long and single-quarter "packages." Courses selected meet some of the college's distribution requirements.

The college's Office for Interdepartmental Majors and Programs (302 Westbrook Hall) aids in planning both established and individually-designed degree programs. The Office for Special Learning Opportunities (201A Westbrook Hall) provides assistance with other study possibilities including independent study, credit by examination, and foreign study. Combined work-study programs are coordinated by the college's Career Development Office (B-18 Johnston Hall).

Preprofessional and Combined Programs—Basic liberal education required for admission to some of the University's professional schools and colleges (1 to 4 years) is offered by the college. These units are the Schools of Medicine, Law, Dentistry, and Nursing and the Colleges of Biological Sciences, Business Administration, Education, and Pharmacy. Liberal arts preparatory work is also required for programs in medical technology, occupational and physical therapy, and mortuary science.

Preparation for entering Graduate School is offered in the fields named above and in criminal justice studies, library science, and public affairs.

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, admission to advanced courses, arrangements to attend cultural events, and participation in community activities. 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 and maintain at least B work for eligibility.

Admission From High School—Candidates with less than a year of college experience must present PSAT/NMSQT 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 3 years of high school: 3 in English; 2 in mathematics (including 1 in plane geometry); 2 in either social studies and history, natural science, or foreign language; 2 more in the subjects just listed; and 3 in those or other subjects. Appropriate mathematics and second language courses completed before 10th grade may be counted toward these requirements, but not among the 12 units in the final 3 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 3 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.

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 3 years of preparatory college work and 3 or 4 years in the Medical School.

Although 3 years of liberal arts and science education constitute the minimum required for admission to 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 4 academic years of liberal arts preparation, with a B.A. or B.S. degree program, is considered preferable to 3 years. 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 the counseling personnel in the Medical School office, 139 Owre Hall.

Medical Technology Course—This course, requiring 4 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 2 years in the preprofessional program in the College of Liberal Arts, the 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 Council on Medical Education 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—This 4-year curriculum, open to both men and women students, leads to a B.S. degree. Physical therapy is a health profession that focuses primarily on the selection and application of appropriate assessment and therapeutic procedures to maintain, improve, or restore the functional capacities of the individual 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.

After 2 years of CLA work, the student must apply to enter the professional course 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. 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 use purposeful activities as treatment in the rehabilitation of persons with physical or emotional disabilities. The program is open to both men and women. Personal qualifications include creativity, the ability to work closely with people, and the ability to use the problem-solving process. The student 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. The first 2 years of this program are taken in the College of Liberal Arts or at any approved college offering the necessary courses. Students then apply for transfer to the professional course 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 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 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 1 day to 2 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. Students preparing for licensure in states requiring less than a 4-year degree may receive verification of having attended and satisfactorily completed certain courses, supported by an official transcript, if they are in good standing and have completed the minimum requirements as set forth by the American Board of Funeral Service Education and the requirements of the state in which they seek licensure.

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

Admission Requirements—To be considered for admission to the Department of Mortuary Science, the student must have completed 90 quarter credits with grades of A, B, C, or S including required and elective courses as outlined in the department bulletin. The student may transfer from the College of Liberal Arts or a community college.

School of Nursing

Baccalaureate Program—The professional nursing program requires successful completion of 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 3 quarters (1 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.

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 clinical field of study in medical-surgical nursing, psychiatric-mental health nursing, or childbearing-childrearing family nursing and offers the options of preparation for teaching, leadership, advanced clinical nursing, or preparation in a second clinical field. Completion of the program usually requires 4 to 6 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 B.S. in pharmacy degree is awarded for 3 years of professional study that must be preceded by 2 years of a preprofessional program. Prerequisite courses must be completed in the College of Liberal Arts or similar courses must be completed at another accredited college. Upon completion of the prepharmacy course work, students apply for admission to the College of Pharmacy to complete 3 years of professional study.

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. All 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.

In addition to the individual's academic record in the preprofessional curriculum, the Admissions Committee uses such criteria as honesty, industry, leadership ability, maturity, motivation, sound moral character, and other personal attributes, when possible, in making admission decisions. Resident applicants who have a grade average of B or above and meet all other prerequisites are likely to be admitted.

Nonresident applicants presenting above-average records will be considered individually. Other applicants (those with lower grade averages and those who must complete deficiencies) will also be considered individually.

The doctor of pharmacy (Pharm.D.) is a professional degree program open to selected candidates who have either completed the fourth year of the 5-year curriculum or who have been awarded a B.S. degree in pharmacy. Applicants are evaluated on the basis of prior academic or professional achievement, letters of recommendation, and a personal interview whenever feasible. The goal of the Pharm.D. program is to initiate training of clinical therapeutics specialists with a genuine, sustained interest in patient care. Applications should be submitted by December 31 for admission to the program the following September (fall quarter).

School of Public Health

Advanced courses for specialists in a number of public health disciplines lead to certification or to master's or Ph.D. degrees. Training stipends for suitably qualified students may be available through the School of Public Health in the following fields:

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. Students with at least 2 years of relevant professional experience should plan to be in attendance for at least 12 months, beginning in the fall quarter. Students with little or no professional experience should plan to attend for a period of 21 months, beginning in the fall.

The M.S. and Ph.D. degrees with a major in biometry and health information systems are offered through the Graduate School. The course of study is similar to that described for the M.P.H. program, but with a greater emphasis on the major field. The M.S. program normally requires 21 months to complete, and the Ph.D. program usually requires 4 years after completion of the bachelor's degree. More detailed information about these programs is available in the *Graduate School Bulletin* under Biometry and Health Information Systems.

An undergraduate major is available through the College of Liberal Arts.

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. Graduates may work in health centers, health agencies, educational institutions, and research centers. Public health and dental public health courses form the foundation of the program. In addition to completing these courses, students may select from among several program alternatives that vary in scope, content, and duration. In consultation with their advisers, students decide upon a balanced curriculum to meet their career objectives. The duration of the program for dentists is from a minimum of 11 months to a maximum of 2 years, depending on the student's career goals. For dental hygienists a minimum of 1 year to a maximum of 2 years is required, depending upon the student's prior education, experience, and choice of program alternative. Program participants may study on a part-time basis.

Epidemiology—Students with adequate background in the biological and physical sciences may work toward a master's degree in epidemiology. Specialized train-

ing leading to the Ph.D. degree is available to qualified graduates in medicine, dentistry, and veter nary medicine. Other students with demonstrated competence in investigative work may also be admitted.

Environmental Health—A year or more of graduate study in environmental health leading to the M.P.H. degree is open to graduates of curricula in engineering, medicine, or science (usually biology, chemistry, or physics) who possess suitable experience and wish to work 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. Course work is offered in radiological health, occupational health and safety, water hygiene, liquid and solid wastes, food hygiene, environmental biology and microbiology, administration, and general sanitation. Students may either specialize in a particular topic area or make a broad selection from all the courses available. Course work in related fields is available in other departments of the University, and students are encouraged to include such interdisciplinary courses in their programs.

Health Education—College graduates with suitable distribution of background courses in health and biological sciences and social and behavioral sciences may earn the M.P.H. degree by successfully completing at least 7 quarters of graduate studies. The program of study combines required and elective courses, concurrent community laboratory work, and a full quarter of field practice in community health agencies and institutions.

Hospital and Health Care Administration—Qualified college graduates seeking a master of hospital administration degree follow a 21-month program of study. Areas of specialization in the program include mental health administration, clinic administration, long-term care administration, and health maintenance organization. The first part of the program consists of full-time University attendance for 3 quarters and 1 summer term, and combines formal instruction with fieldwork. Most students then enter an administrative residency in an approved hospital or other health care institution where they are supervised by a faculty-appointed clinical preceptor who is the chief executive officer of the facility. A small number of students interested in health planning, or with extensive hospital or health care administrative experience, may follow an alternative course of study. With faculty approval, these students may substitute a summer practicum in a health care or planning organization and a second academic year for the residency. A limited number of qualified applicants are also selected who may take the required academic work over a longer period of time while remaining employed full or part time. Qualified students may continue their studies toward a Ph.D. degree.

Interdisciplinary Studies—This M.P.H. degree 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 health service careers or in clinical fields with expanding community health potential for whom other relevant study is not available. Applicants will be carefully screened to insure that their professional needs are uniquely interdepartmental or interdisciplinary and considerably beyond the normal flexibility of a single-discipline program. A high premium is placed upon applicants with high academic ability, relevant experience, demonstrated leadership qualities, and strong potential for achieving success in a public health career. *Since it is presumed that most students' career objectives can be met by options offered within the traditional programs of study, admission is limited to applicants who can clearly*

demonstrate that their career needs cannot be met adequately except through an interdisciplinary study program.

The curriculum allows students as much flexibility as they need to form a broad perspective on the public health field; to pursue course work in public health, health-related, and nonhealth fields relevant to their professional needs; and to acquire knowledge and skills directly applicable to their professional duties or career plans. To successfully complete this program, students must demonstrate competence in the same fundamental areas of knowledge required of all M.P.H. degree candidates. Program length varies with the career needs of the student and the requirements of the program, but a minimum of 15 months and 55 credits is required.

Physical and Occupational Therapy—This course of study, 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. Other rehabilitation specialists, such as speech therapists, vocational counselors, psychologists, and social workers, may also be considered under special circumstances. The program normally covers 5 academic quarters, beginning in fall and extending through the following summer session and fall quarter. The program is developed to meet individual professional goals related to community health.

Public Health Social Work—The School of Public Health, in cooperation with the School of Social Work, Minneapolis campus, and the School of Social Development, Duluth campus, provides a joint, integrated program of study for both the M.P.H. and the M.S.W. degree. As a result of the carefully coordinated admission, planning, and advising process, uniquely qualified students may combine their advanced professional study in both fields. This interdisciplinary program is designed especially for experienced social workers currently employed in or desiring employment in public health or related health systems or agencies. Tracks or emphases within PHSW include such areas as mental health, chemical dependency, maternal and child health, public health administration and planning, chronic disease and aging, human services, and other areas of individual need or interest.

The combined program is 3 years (9 academic quarters) in length, with a minimum of 55 credits 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.

Applicants must have at least a bachelor's degree in social work, social welfare, sociology, or other relevant major. Since enrollment is limited and controlled, admission is granted to those applicants who best meet the jointly administered public health/social work admissions criteria.

Interdisciplinary Concentration in Services Related to Alcohol and Drug Problems—Master's degree students in interdisciplinary studies from a variety of disciplines and backgrounds may elect to concentrate their course work, research activities, and field experiences in the area of human services related to alcohol and drug problems and chemical dependency. They may wish to direct this concentration toward 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.

Bachelor's Degree Program for Chemical Dependency Professionals—This program is sponsored jointly with the University Without Walls program of University College. It recognizes learning outside the classroom as an alternative route to a bachelor's degree concentrating in chemical dependency. To earn the degree, students must demonstrate knowledge and understanding of chemical dependency and fulfill the University Without Walls graduation criteria. Neither eligibility for admis-

sion nor granting of the degree is based on number of credits earned. However, candidates will be permitted to present evidence of prior education, training, and experience for evaluation of learning outcomes. The program is appropriate for only a select group. Applicants need to be realistic about their learning styles and career objectives and to be highly self-motivated.

Chemical Dependency Counseling Certificate—This certificate program is designed to train chemical dependency professionals, whose work brings them in direct counseling contact with alcoholics and other drug abusers, in the basics of alcoholism, drug abuse, and counseling. The course work is also intended to meet the growing demand for continuing education in this field by clergy, educators, law enforcement personnel, pharmacists, physicians, psychologists, public health nurses, social workers, and other helping professionals. The program is offered in the evening through the University's Continuing Education and Extension division. The program consists of three sequential courses supplemented with more specialized courses dealing with one-to-one, group, and family counseling, plus an 18-credit (6-month or 125-working-day) rotating internship. All these courses may be taken as a part of or applied to bachelor's degree programs in either the University College's Intercollege Program or the General College or through special arrangements with other colleges of the University.

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 a course of study leading to an M.P.H. degree. This course is designed to meet the individual student's needs and requires 11 months of training. In addition to course work in maternal and child health, field experiences are a required part of this program.

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 master of public health program is designed to prepare individuals for planning and administrative positions in public and community health programs and agencies. The M.P.H. degree is awarded upon the successful completion of the program of studies. The program is designed with the assumption that public health administrators must not only master areas traditionally covered in public health administration programs but must also understand modern management concepts. The course of study develops skills in both the basic public health disciplines and the administrative areas. Courses in public health administration, other public health disciplines, and management form the foundation of the program. In consultation with their program advisers, students select a balanced curriculum based upon their background, experience, and career objectives.

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. Physicians and other individuals with related graduate degrees or significant administrative experience in health agencies, as well as students enrolled in a dual degree program, are eligible for the 1-year program. Health agency employees may also be admitted on a part-time basis and can complete the program over an extended period of time.

Public Health Nursing—Baccalaureate graduates in nursing who wish advanced preparation in public health nursing and who meet entrance requirements

are admitted to 2-year programs leading to either the M.P.H. or M.S. degree. The purpose of both programs is to provide an interdisciplinary learning environment in which students may prepare themselves for public health leadership by acquiring theoretical knowledge and skills in teaching, administration, and clinical practice. Preparation for service in a multidisciplinary health care system is a goal of the program.

The program consists of a core of courses in public health, public health nursing, and research methodology. Students are expected to meet the educational objectives of the School of Public Health and those of the Public Health Nursing Program. In addition, master of science candidates must meet the requirements of Graduate School.

Depending on her or his goals, a student may choose a clinical emphasis such as adult/geriatric nurse practitioner, pediatric nurse practitioner, maternal child health/public health nursing, occupational health nursing, or specialties in public health nursing.

Public Health Nutrition—Students with an academic background in nutrition and/or dietetics are 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.

Veterinary Public Health—A 12- to 24-month program of specialized training for veterinarians leading to an M.P.H. degree is offered in cooperation with the faculty of the College of Veterinary Medicine. Veterinarians may choose special areas of emphasis including epidemiology, environmental health, food hygiene, preventive medicine, and administration.

Institute of Technology

The Institute of Technology offers baccalaureate degrees in 19 areas: the bachelor of architecture, landscape architecture, environmental design, chemistry, computer science, mathematics, physics, astrophysics, aerospace engineering and mechanics, agricultural engineering, chemical engineering, civil engineering, electrical engineering, geo-engineering, mechanical engineering, metallurgical engineering, mineral engineering; and the bachelor of science in both geology and geophysics. Industrial engineering is an option in mechanical engineering. All undergraduate programs are 4-year curricula except for the bachelor of landscape architecture, which is a 5-year curriculum in IT or a 6-year curriculum in cooperation with the College of Liberal Arts.

IT students may plan interdisciplinary programs to satisfy their specific interests. Examples of such programs are acoustics and bioengineering; other possibilities are also available.

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

On the graduate level, IT awards the master of engineering (M.E.) degree in any of the engineering curricula. One calendar year long, the M.E. curriculum provides specialized course work in design and requires an extensive design project. The program focuses on applying knowledge of 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.

Admission Requirements for 1978-79—Students planning to enter the Institute of Technology must complete topics in high school mathematics: courses in physics and chemistry are strongly recommended. If these courses are unavailable in their high school, students may be admitted, in exceptional cases, with the expectation that they make up such courses upon admission to IT. Requirements include:

1. Course Requirements
 - a. 12 units completed in grades 10-12, including 3 units in English.
 - b. Mathematics including the following topics: beginning and intermediate algebra, trigonometry, and geometry of two and three dimensions.
 - c. Courses in physics and chemistry are strongly recommended.
2. Academic Standing for the 1978-78 School Year
 - a. Any student who wishes may submit his or her application based on an IT Aptitude Rating computation. The computations may be based on the PSAT, SAT, or ACT test scores and the high school percentile rank. The specific equations for the PSAT and SAT examinations are as follows: $ITAR (PSAT) = HSR (\text{percentile}) + 4(PSAT \text{ Math})$; $ITAR (SAT) = HSR (\text{percentile}) + 4(SAT \text{ Math} \div 10)$. Applicants with a score of 280 or higher will be admitted routinely provided they meet the course requirements and provided the HSR or PSAT and/or SAT scores are not individually low. Others will have their applications reviewed on an individual basis.
The equation for the ACT examination is: $ITAR (ACT) = HSR (\text{percentile}) + 2(ACT \text{ Math} + ACT \text{ Nat Sci})$. Applicants with a score of 180 or higher will be admitted routinely provided they meet the course requirements and provided the HSR and ACT test scores are not individually low. Others will have their applications reviewed on an individual basis.
 - b. Students coming from high schools where no high school rank and no high school GPA are available will be required to submit PSAT and SAT test results.
 - c. 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 who 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.

A student not eligible for admission directly may apply for transfer after 1 or more years of satisfactory work in another college, such as a community college, a state university, a liberal arts college, or another college of the University. Students who enter another college expecting to transfer later to IT must consult with the counselors of that college at the beginning of the school year in order to plan for transfer and receive help in planning their programs.

University College

The name University College means many things to many people because under this single unit are several programs, each of which has its own particular set of goals and procedures. This unusual situation of "colleges within a college" is the result of University College's unique mission within the larger University of Minnesota: to house undergraduate experimental programs. With the exception of the Inter-Col-

lege Program, all of University College's specific programs are experimental and are not permanent features in the college. From year to year new programs can be added, and programs that have completed their experimental phase will either transfer to some other auspices or be phased out.

The oldest of the degree programs is the Inter-College Program (321 Walter Library). Its B.A. or B.S. degree program has no fixed curriculum and draws upon the entire University for its courses. Its purpose is to provide flexibility in the educational program of the undergraduate who finds none of the standard curricula of the other schools and colleges suited to his or her interests or particular objectives. ICP is a student-designed, credit-based degree program, requiring major areas of concentration in at least two colleges, faculty approval of the student's program, and a demonstration that the student's educational goals cannot be met in another University of Minnesota college. To gain admittance to the program, students also must show a clear conception of their educational objectives. An applicant for admission should have completed 80 credits, 15 at the University of Minnesota.

University Without Walls, based on the Twin Cities (201 Westbrook Hall) and Morris (236 Community Services Building) campuses, serves students who are unable to pursue traditional undergraduate programs. With the assistance of the UWW staff, students define their own learning goals and achieve them through a variety of learning resources, University classes, seminars, and workshops; independent study projects; and community and job-related learning activities. A student is granted either a B.A. or B.S. degree following approval by a graduation committee and the dean of the college.

The University Scholars Program (321 Walter Library) provides a student the flexibility to construct a baccalaureate degree program based on individually tailored learning experiences. To be eligible, a student must have completed 2 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 Foreign Studies Program (1246 Social Science), through a specialization, allows students with majors in University of Minnesota Twin Cities campus undergraduate colleges to integrate an international study experience into their education. The program emphasizes preparing for the foreign study experience and integrating the experience once the student has returned to the University of Minnesota. Interested students should contact the Foreign Studies Program well in advance of their planned international study.

University College sponsors other experimental programs and cross-college course work. Resource materials are available for persons interested in the individualized assessment of prior experiential learning. Credit courses linking the sciences and humanities are offered under a UC rubric and are listed in the Twin Cities campus quarterly class schedule.

Intercollegiate independent study ranging from 3 to 15 credits is available to students who find an appropriate faculty supervisor. Information on any of the above programs may be obtained at 105 Walter Library, telephone 373-4638.

College of Veterinary Medicine

Veterinary Medicine Program—This program, leading to the doctor of veterinary medicine (D.V.M.) degree, is designed to provide the foundation and training necessary for the practice of veterinary medicine and for careers in animal disease control, laboratory animal medicine, public health, research, teaching, zoo animal medicine, and related fields. The D.V.M. program requires at least 3 years of preparatory college work and 4 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 for Professional and Undergraduate Education, 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 376-3892).

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, professions, and experiences for persons seeking to better understand and work with youth between the approximate ages of 12 and 21.

The center offers teaching programs at the undergraduate, graduate, and continuing education levels. Staff members are available for consultation on program development and evaluation. Extensive work is done in staff training for youth-serving agencies on request. Applied and basic research with wide distribution of findings in a variety of ways is another of the continuing responsibilities of the Center for Youth Development and Research.

The center offers a resource service at 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 direction to the appropriate office is available from the Office of the Dean, Continuing Education and Extension, 150 Westbrook 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, Morris, and Crookston 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 admission requirements for 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).

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 potential 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 and conferences at an advanced level in professional, business, industrial, and other fields. The conferences may last from a few days to several weeks and are usually residential. 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).

Departments and programs of Continuing Education and Extension include the following:

- Arts, Continuing Education in the, 320 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-4947)
- Audio-Visual Library Service, 3300 University Avenue S.E., University of Minnesota, Minneapolis, MN 55414 (373-3810)
- Business Education, Continuing, 334 Business Administration Building, 271-19th Avenue S., University of Minnesota, Minneapolis, MN 55455 (373-3680)
- Clergy, Continuing Education for, 131 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (373-4894)
- Communication Services, 120 Shops Building, 319-15th Avenue S.E., University of Minnesota, Minneapolis, MN 55455 (373-3750)
- 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)
- Engineering and Science, Continuing Education in, 320 Aeronautical Engineering, 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-Service Information, Research, and Education 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)
- MacPhail Center for the Arts, 1128 LaSalle Avenue, Minneapolis, MN 55403 (373-1925)
- Media Resources, 540 Rarig Center, 330-21st Avenue S., University of Minnesota, Minneapolis, MN 55455 (373-4760); KUOM (373-3177)
- 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 (612-589-2482)
Older Adult Program, 206 Westbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455 (373-3941)
Pharmacy, Continuing Education in, 115 Appleby Hall, 128 Pleasant 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)
Research, 331 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (373-9775)
Rochester Center, 2120 E. Center Street, Building 4, Rochester, MN 55901 (507-288-4584)
Social Work, Continuing Education in, 338 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (373-5831)
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, men and women can qualify for commissions as officers in one of the military services while completing requirements for a University degree. Both 2- and 4-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 4 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 2,000 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 5-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.

POSTADMISSION PROCEDURES AND SERVICES

Orientation and Registration

In the orientation-registration program prior to the first quarter at the University, the new student participates in activities which include an introduction to the University campus and community, registration, testing, counseling, and group discussion. The program varies slightly for each of the colleges on the Twin Cities campus to meet the needs of its students. A brief description of the orientation-registration program is included in "In Focus," a brochure sent to newly admitted students by the Office of Admissions and Records. At a later time, the student receives an invitation to orientation from the college he or she is entering. The invitation will specify the day (or 2 days) when the student is 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. The new student completes registration after an individual appointment with an adviser. 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 Admissions and Records.

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 1 day. Students are notified by their colleges of their orientation date.

Welcome Week—Scheduled for 8 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.

Freshman Camp—Held the weekend before Welcome Week, Freshman Camp gives incoming students an opportunity to make new friends as well as get a taste of 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.

Williamson Weekends—During each quarter, several small-group weekend retreats are offered where students and faculty members meet in an informal camp setting to share ideas on a specific topic. Recent themes have included crafts, educational alternatives, women's studies, and body movement. These student-planned weekends provide a balance of both academic and social programs to create a unique learning experience and an atmosphere in which to meet new friends. Further details on the retreats planned for each quarter are available in the West Bank Union and are announced in the *Minnesota Daily* and on posters around the Twin Cities campus.

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.

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-Americans, blacks, Chicanos or Spanish-surnamed individuals, 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, personal and career counseling, and job placement.

For more information, interested persons should call or visit the Minority Learning Resource Center, 302 Eddy Hall, Minneapolis (telephone 373-7947), or the OMSSA central office, 330 Walter Library, Minneapolis (telephone 376-1235).

Digital Information Access Line (DIAL)

The DIAL program is a call-in service offering over 250 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 6 p.m. Monday through Friday or 12 noon and 5 p.m. on Saturday to request a tape on a particular topic or to request a brochure listing tapes by subject.

Counseling Programs

Student Counseling Bureau

The Student Counseling Bureau has four locations: 101 Eddy Hall (telephone 373-4193), 104 Linc Hall (telephone 373-9753), 190 Coffey Hall (telephone 373-1140), and N588 Elliott Hall (telephone 376-3143; see Rehabilitation Services). Assistance is provided to those students who wish to learn more about themselves as they develop in an educational setting. Counseling services include the areas of academic or educational decisions, vocational or career planning, personal or family problems, marital relationships, and other concerns. Assistance is offered to develop reading and study skills. The Information Occupational Library, 9 Eddy Hall, is open for students who need information to help them in planning their careers.

Students are urged to use these services early in their University experience. About one-third of University students use the services sometime during their college years.

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 addition, it coordinates orientation and English language 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 instruc-

tional programs. Students are invited to visit the International Student Adviser's Office, 717 East River Road, Minneapolis campus, or 190 Coffey Hall, St. Paul campus.

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, the address is 240 Williamson Hall; for St. Paul, 130 Coffey Hall.

Registration and Student Records Office

Trained problem solvers are available to assist students who have questions or problems relating to their University registration and records. For colleges on the Minneapolis campus, call 376-1680 or come in person to 150 Williamson Hall.

Speech and Hearing Clinic

Students with speech, hearing, or language difficulties are urged to contact the Speech and Hearing Clinic in 115 Shevlin Hall, telephone 373-4116. Students can receive, without charge, the clinical services of the professional staff for various communication problems—voice disorders, articulation disorders, language difficulties, dialect difficulties, stuttering, and hearing disorders. Married students who have children with speech, language, or hearing problems can obtain consultation and treatment for them in the Speech and Hearing Clinic.

Rehabilitation Services

Counseling, information, problem solving, and referral services are provided for students and prospective students with physical or emotional disabilities. A student handbook (*The Enabler*) and maps showing accessibility are available on request. Call 376-3143, or write to the Student Counseling Bureau, Rehabilitation Services, N588 Elliott Hall, 75 East River Road, University of Minnesota, Minneapolis, Minnesota 55455.

DVR Liaison

The state Division of Vocational Rehabilitation provides liaison services for students receiving vocational rehabilitation whose DVR counselors are outside of the metropolitan area. Students receiving vocational rehabilitation services from counselors housed in a metropolitan office should contact their counselors directly. The liaison office is located in the St. Paul District DVR Field Office, Griggs-Midway Building, Room 180, 1821 University Avenue, St. Paul, Minnesota 55104 (telephone 612-646-7841).

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 adviser 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.

Minnesota Women's Center

The Minnesota Women's Center serves all women at the University—undergraduate and graduate students, faculty and staff—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, a newsletter, and other publications.

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

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 three fast food restaurants, a deli, party facilities, and informal study-dining areas for students bringing their lunches.

Shevlin Hall has a cafeteria, and there are privately operated food facilities in the nearby Dinkytown area.

The Health Sciences Unit A building has two cafeterias. The Spectrum Cafeteria is located on the first floor and the Link is located on the fifth-level skywalk. A number of vending lounges are also available.

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.

Twin Cities Campus/St. Paul

The Dining Center provides full food service for students. Lunchroom and soda fountain facilities are available in the Student Center.

Students carrying lunches from home are also welcome in the Student Center Rouser Room.

Boynton Health Service

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

On the Twin Cities campus/Minneapolis, outpatient medical and dental 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 and dental care is available in the Health Service building located at 1518 Cleveland Avenue North. St. Paul students also have access to the Minneapolis Health Service facilities.

Student Services Fee Benefits

Medical care and health counseling are provided for all students. No charge is made to students for general care or for consultations with a specialist on physical or mental health problems. Gynecological services, including contraceptive services and counseling, and pregnancy testing and counseling, are also available. The Department of Obstetrics of the University Hospitals offers complete obstetrical care at reduced rates to female students and to wives of University students.

Students also receive diagnostic laboratory and X-ray services up to \$100 per quarter; necessary diagnostic procedures exceeding this amount that are not covered by the student's private insurance are the student's obligation. 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.

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; medical care for emergencies; immunizations; tuberculin testing and chest X-rays for tuberculin reactors; and nutrition and dietary counseling.

Intensive investigation or treatment of preexisting, chronic conditions are *not* covered by the Health Service; however, such services may be arranged for at the student's expense. The following procedures, not related to an individual's ability to attend school, 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.

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.

A student who attends both summer terms is eligible for regular outpatient benefits without extra charge until Monday of Welcome Week.

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

For additional information, see the *Your Health Service* booklet available at the Health Service or call 373-3138.

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. Married students who wish to have this coverage for their dependents may indicate this option on their application form; the premium for dependent coverage is also entered on the fee statement and paid with tuition.

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 Blue Cross-Blue Shield coverage.

A brochure explaining details of the University-sponsored hospital-medical-surgical coverage is available at the student insurance office in room W224 of the Health Service.

Students With Coverage for Outpatient Direct Personal Health Services—

Students who are members of a plan that guarantees comprehensive outpatient,

direct, personal health services on a prepaid basis, such as Group Health Plan, Inc., may apply for an exemption from the student services fee up to a maximum of \$23.00 per quarter. Students who qualify for and accept this exemption or who get a refund for this portion of the fee waive all outpatient benefits offered by the Boynton Health Service. Proof of coverage must be presented to the cashier in room W220 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 who 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 2 quarters in any calendar year.

The fee for this optional program must be paid sometime during the 2 weeks before the beginning of the coverage period in room W224 of the Health Service. Additional information on the program may be obtained in room W224 of the Health Service or by calling 373-3768.

Housing

The University of Minnesota has no rules about where students must live. Residence halls, cooperatives, apartments, rooming houses, fraternities, sororities, and residence with parents or relatives are all possible options. Students should choose the situation best suited to their needs.

Information on any type of housing in the Minneapolis/St. Paul metropolitan area may be obtained from the Housing Office, Comstock Hall, 210 Delaware Street S.E., Minneapolis, Minnesota 55455. Because of the constantly changing nature of the housing market, 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, so transportation problems are almost non-existent. Well planned, nutritious meals are served under the direction of trained dietitians. Social and recreational opportunities are unlimited, and through hall councils, residents are involved in hall governance. Live-in resident assistants are available for referrals on just about any topic. Other factors of residence hall life have even greater long range significance: 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. Room and board rates for the 3-quarter 1978-79 academic year will range from \$1605 to \$2135 (\$1680 will be the most typical double rate).

Application for residence hall housing is made independently from application for admission to 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. Further information 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 St. Paul Campus, accommodates 309 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 new, 12-story tower.

PIONEER HALL located on East River Road, accommodates 560 students and has just undergone substantial modernization.

SANFORD HALL, located on University Avenue in the Dinkytown area, has space for 487 students.

TERRITORIAL HALL has 550 double spaces and shares dining facilities with Centennial Hall residents.

WOMEN'S RESIDENCE HALL

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

MEN'S RESIDENCE HALL

FRONTIER HALL has 520 double spaces and shares eating facilities with Pioneer Hall.

University Housing for Families

Housing for married couples and families, including single parents, is provided in University-owned efficiency and one, two, and three bedroom apartments near the Minneapolis and St. Paul campuses. Applications should be made as early as possible to Commonwealth Terrace Cooperative, 1250 Fifield Avenue, 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 St. Paul campus. Como Student Community is midway between the Minneapolis and St. Paul campuses.

Off-Campus Housing

Vacancies in apartments, houses, and rooming houses are reported to the Off-Campus Housing Office. This information is generally received 3 to 4 weeks in advance of the date of availability. Listings of vacancies are not sent out by mail, but they may be seen in the Housing Office.

Information is provided concerning 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

Information on rush week and fraternity and sorority pledging may be obtained from the Student Activities Center, 354 Coffman Memorial Union, University of Minnesota, Minneapolis, Minnesota 55455.

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 Facilities and Services

The University Libraries system, with over 3,300,000 volumes, is one of the 15 largest university library systems in the United States. It provides the basic resources

for the teaching and research needs of the students and faculty of the University. There are many library units on campus, with the O. Meredith Wilson Library serving as the headquarters for the library system. The library handbook, *A Guide to the University of Minnesota Libraries*, guides users to the correct location of needed materials and services.

O. Meredith Wilson Library (Minneapolis)

This library building contains the humanities and social sciences collections of the University Libraries. Located on the West Bank, it houses the general reference services, the circulation services, the central technical services, and the administrative offices of the library system.

The specialized collections housed separately in Wilson Library are: the Ames Library of South Asia; the James Ford Bell Library which contains rare volumes dealing with exploration and trade from the 16th through the 18th centuries; the East Asian Library; the Middle East Library; and the Rare Books Division of the Special Collections Department, which is responsible for rare books and other unique collections.

Specialized resources in the Wilson Library are the Newspaper and Microform, the Map, the Government Publications, and the Periodicals Divisions, the Business Reference Service, and the Listening Room, housing a collection of spoken-word recordings.

Walter Library (Minneapolis)

Until 1968, this building served as the University's central library. It now houses the Art Library; the Chemistry Library, including resources in science and technology; the College Library, primarily for undergraduate study; the Education Library, including the Library Science and Psychology collections; the Music Library; the Children's Literature Research Collection; and the University Archives.

Subject Libraries

The resource needs of students in some of the specialized and professional fields are generally met through the decentralized collections of various subject libraries. The Architecture; Bio-Medical; Engineering; Geology; Journalism; Law; Mathematics; Mines, Metallurgy, and Chemical Engineering; Natural History; Pharmacy; Physics; and Public Administration Libraries are located on the Minneapolis campus.

Located between the Minneapolis and St. Paul campuses are the Social Welfare History Archives, 1925 Sather Street, Lauderdale, and the Immigration History Research Center and the Manuscripts Collection, both located at 826 Berry Street, St. Paul.

St. Paul Campus Libraries

The Twin Cities campus/St. Paul is served by a central library that houses resources relating to agriculture and related sciences. Other departmental libraries serve the fields of Biochemistry, Entomology, Forestry, Plant Pathology, and Veterinary Medicine.

General Library Information

For information about the Twin Cities campus libraries call 373-2424, or inquire at the Reference Division, first floor lobby, Wilson Library.

STUDENT ACTIVITIES

More than 450 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 Activities Center.

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 Activities Center, 351 Coffman Memorial Union. The St. Paul Student Activities Center is located at 190 Coffey Hall; telephone 373-1164.

Student Government Opportunities

All-Campus Council and Twin Cities Student Assembly—The student government legislative bodies at the University are the All-Campus Council (ACC) and the Twin Cities Student Assembly (TCSA). Responsibilities of ACC are associated with programs and services that will benefit students in the immediate future. ACC's membership totals about 62, including at-large residence hall, Greek, college board, union, and St. Paul Board of Colleges representatives. ACC at-large members are elected each spring.

Members of TCSA serve as senators within the University Senate/Twin Cities Campus Assembly system and formulate long-range policies and procedures that will affect students. TCSA's membership totals about 69 representatives from college units who are elected each spring.

Intended to serve student needs, the activities of both groups include student representatives on the Board of Regents, student members on committees, task forces on student issues, and student enterprises such as the Telecommunications Cooperation and Services Corporation (which operates the MSA Student Store).

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 Activities Center (373-3955) for the telephone numbers of college board offices.

Campus Unions/Centers

The Minnesota Union operates through the three Twin Cities campus unions — the Coffman Memorial Union, the West Bank Union, and the St. Paul Student Center. Each of these unions offers activities and services to students, faculty, and staff.

Each organization is governed by a student-faculty-staff board. Volunteers manage a wide variety of activities including art exhibits, seminars, concerts, films, discussions, outings, and other recreational programs. Consultants for program activities assist individuals and groups develop the skills needed for this management.

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 Activities Center, telephone 373-3955.

Cultural Centers

The University of Minnesota has four cultural centers: the American Indian Student Center, the Asian American Student Center, the Black Student Center, and the Chicano Student Cultural Center.

Each center has its own director and staff who are selected by the students. Although each center differs in programs and functions, the primary purposes of the cultural centers are:

- To provide centers to facilitate and reflect ethnic group experiences and to facilitate cultural expression relating to the history and artistic endeavors of individuals of ethnic backgrounds;
- To provide a location for students, faculty, and the University community to gather in a social atmosphere reflecting the interests and cultures of ethnic students;
- To provide an area for academic development and the generation of professional and vocational awareness among ethnic students;
- To establish resources and assist ethnic students, both academically and socially, while at the University; and
- To further educate the general public on matters relating to ethnic cultures.

The cultural centers are located as follows: the American Indian Center, 107 Jones Hall; the Black Student Center, 1507 University Avenue S.E., room 301 (Dome City); the Asian American Student Center, 30 Ford Hall; and the Chicano Student Cultural Center, 308 15th Avenue S.E., room 201 (Dome City).

Fraternities and Sororities

On the Minneapolis campus, there are 25 fraternities and 13 sororities; on the St. Paul campus, there are three fraternities and three sororities. Each of these undergraduate social organizations offers its members an opportunity to have 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 inter-

ested 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 Activities Center, 373-3955. For information about the St. Paul fraternities and sororities, contact the Student Activities 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, conducts a broad range of exhibitions and special events for the University community.

A schedule of frequently changing exhibitions is stressed. Many varied themes, contemporary and historical, are explored through the display of works from both local collections and museums around the country. Lectures and events are planned to complement most exhibits. Various departments within the University draw from the permanent collection to create exhibits for specific teaching needs. In addition, the gallery provides space for master of fine arts (M.F.A.) thesis shows.

The permanent collection includes the Hudson D. Walker bequest of American 20th-century paintings, drawings, and prints; the Hylton Thomas collection of European prints and decorative arts; the John Rood collection of 20th-century sculpture; a collection of ancient Greek vases; and a number of works with special significance to Minnesota, including paintings by B. J. O. Nordfeldt and other artists. These works, together with a growing study collection of prints and drawings, are valuable research materials for students and faculty.

The rental/loan section provides works of art, mainly original prints, to students, staff, and faculty as well as loans for public areas on the Twin Cities campus. The student rental program is open during the first 2 weeks of each quarter; other loans are made by appointment. Call 373-5685 for information on the rental/loan program (M-16 Northrop Auditorium); call 373-3424/25 for general information on University Gallery programs and hours (110 Northrop Auditorium).

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 two ex officio members. These are primarily music, theatre, and dance performances with 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.

In St. Paul, a carefully selected program of convocations is presented at various times each quarter, featuring professional speakers and high-caliber talent.

Museum

Bell Museum of Natural History

Located at 17th and University avenues 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. Monday through Saturday, and from 1 to 5 p.m. on Sunday. Groups of 10 or more are asked to make reservations. Guided tours are available, at a nominal charge, 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 6 weeks before the week of opera begins.

University Artists Course

The University Artists Course, 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 companies. Musical and other events may be scheduled occasionally. Student discounts are available on season tickets for each series. Several special concerts each year feature outstanding popular musical and dance artists. Tickets for all Artists Course events may be purchased in 105 Northrop Auditorium (telephone 373-2345).

Summer Entertainment

During the summer, the Summer Session and the Department of Concerts and Lectures cooperate in sponsoring a series of free informal concerts and outdoor programs. This entertainment includes concerts on the 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 Department of Music courses and in the volunteer musical organizations it directs. These include the University Bands, University Symphony Orchestra, University Instrumental Chamber Ensemble, University Chorus, Concert Choir, Chamber Singers, Men's Glee Club, Women's Glee Club, Opera Workshop, St. Paul Campus Chorus, Resident Oratorio Choir, and Collegium Musicum. All musical groups present concerts each quarter, open free to the general public. Credit is offered for those desiring it.

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

The Department of Music offers a number of courses for nonmusic majors in addition to its regular departmental 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.

The University of Minnesota MacPhail Center for the Performing Arts will continue to offer private lessons in all areas of applied music as well as classes in pedagogy, group instruction, music history, and theory.

Theatre

The University Theatre is located on the West Bank in the Rarig Center. The thrust, arena, proscenium, and experimental theatres of Rarig Center enable University Theatre to present a diversified drama program, featuring classics as well as contemporary and experimental productions. There are also plays for young people, workshop productions, Theatre of the Word presentations, and numerous student-directed plays.

The Minnesota Centennial Showboat plays a full summer season on the Mississippi River. The Peppermint Tent presents two plays for youngsters each summer. Both the Showboat and the Peppermint Tent productions are presented by the University Theatre.

Ticket information for all University Theatre productions can be obtained by calling 373-2337.

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 and should do so by contacting 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 Women's Intercollegiate Athletic Department 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 consistently qualifies athletes for national championships through state and regional 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. This is accomplished by taking part in one or more of the four basic phases of the program: (1) intramurals—the organized competitive program for teams and individuals, (2) self-service or open recreation, (3) sports clubs, (4) extramurals.

In the intramural phase participants enter meets, leagues, or tournaments in teams or individually and play according to a specific schedule in one or more of over 25 different sports. In the self-service phase the emphasis is on self-motivated impromptu recreation. For example, when facilities are available students swim, shoot baskets, play racketball, tennis and golf, or lift weights. In the sports club phase students have the opportunity to participate as a member of one or more of nearly 50 sports clubs, some competitive, 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.

Physical Education

The Division of Physical Education offers all students an opportunity to gain competence and credit in a variety of individual, dual, and team sports as well as 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.

Participation in any type of physical activity should be within the limits of the individual's health status. Most courses offered demand high energy expenditure and are to be considered high intensity unless otherwise indicated in the *Class Schedule*. It is therefore recommended that students know the status of their health and any limitations on their ability to participate safely in the physical activities involved in a course in which they plan to register. If students have any questions about their health status, they should seek advice from a physician. Students majoring in physical education are required to have a physical examination upon entering.

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. For more information, contact the Athletic Ticket Office, Bierman Field Athletic Building, 516 15th Avenue S.E., Minneapolis, Minnesota 55455; telephone (612) 373-3181.

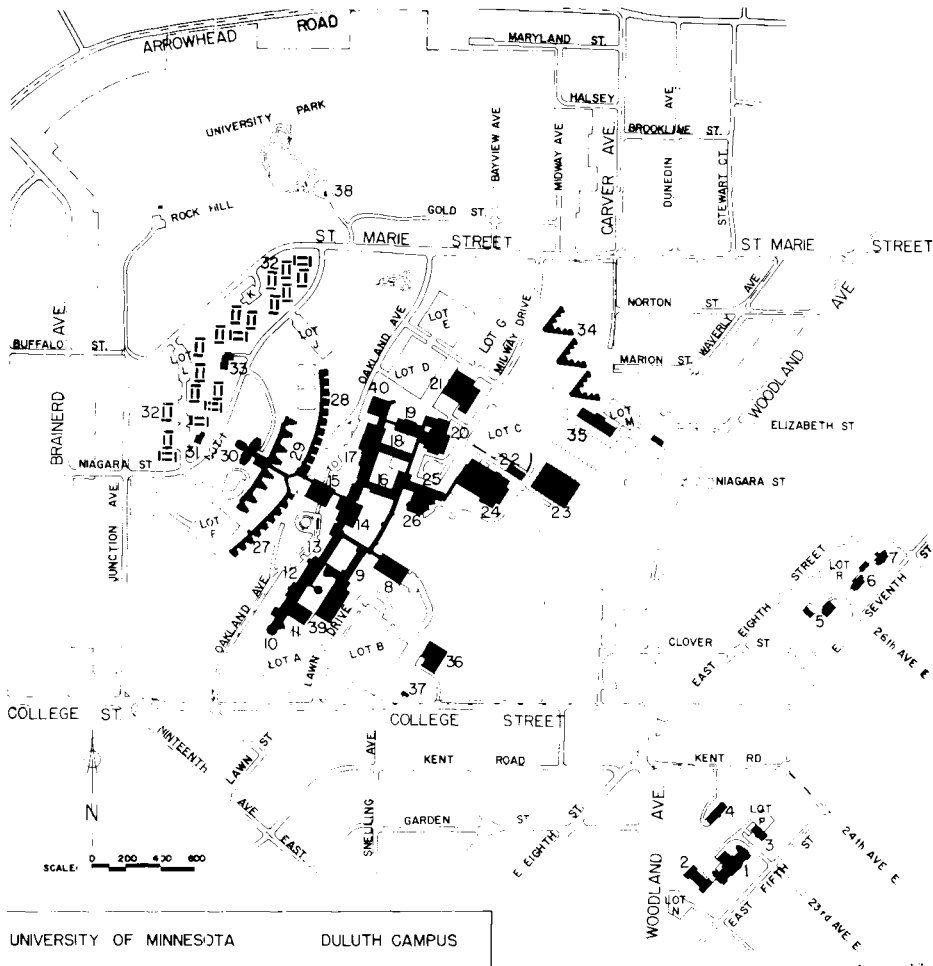
Tickets for all 10 women's intercollegiate sports can be obtained by either contacting the department directly at (612) 373-2255 or by purchasing tickets at the game.

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,

ton, 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.





UNIVERSITY OF MINNESOTA

DULUTH CAMPUS

LEGEND

- | | | |
|----------------------------|-------------------------|----------------------------|
| 1 OLD MAIN | 16 SOCIAL SCIENCES | 30 LAKE SUPERIOR HALL |
| 2 SCHOOL OF MEDICINE | 17 LIBRARY | 31 HEALTH SERVICE |
| 3 WASHBURN HALL | 18 BOHANNON HALL | 32 THE VILLAGE |
| 4 TORRANCE HALL | 19 HOME ECONOMICS | 33 VILLAGE SERVICE CENTER |
| 5 PROVOST'S RESIDENCE | 20 MARSHALL PERFORMING | 34 STADIUM APARTMENTS |
| 6 ALWORTH APARTMENTS | ARTS CENTER | 35 STADIUM & GRIGGS FIELD |
| 7 ALWORTH RESIDENCE | 21 INDUSTRIAL EDUCATION | 36 LUND PLANT SERVICES |
| 8 ADMINISTRATION | 22 ROTC | 37 DRUG INFORMATION CENTER |
| 9 CHEMISTRY | 23 PHYSICAL EDUCATION | 38 SKI CHALET |
| 10 MARSHALL W ALWORTH | FIELD HOUSE | 39 BASIC MEDICAL SCIENCE |
| PLANETARIUM | 24 PHYSICAL EDUCATION | 40 HEALTH SCIENCE LIBRARY |
| 11 MARSHALL W ALWORTH HALL | 25 HUMANITIES & TWEED | |
| 12 LIFE SCIENCE | MUSEUM OF ART | |
| 13 MATHEMATICS-GEOLOGY | 26 A. B. ANDERSON HALL | |
| 14 KIRBY STUDENT CENTER | 27 VERMILION HALL | |
| 15 RESIDENCE HALL DINING | 28 BURNTSIDE HALL | |
| CENTER | 29 GRIGGS HALL | |
- CITY BUS LINES - - - - -
INTER CAMPUS BUS - · - - - -

University of Minnesota, Duluth

The University of Minnesota, Duluth, 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 enjoys the benefits of a small university in that there is maximum contact between students and faculty. While most UMD students come from a nine-county region around Duluth, more than one-third of them are enrolling from throughout Minnesota, particularly the Minneapolis-St. Paul area, and from other states.

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 programs include three 2-year degree offerings, nine bachelor's degrees, 17 master's degree programs, the specialist certificate in educational administration in three areas, and the first 2 years of basic science study in medicine.

COLLEGES, CURRICULA, AND DEGREES

School of Business and Economics

The primary objective of the School of Business and Economics is to offer professional education to students, business and industry, and to the constituents of the regional community. The school recognizes its responsibility for developing in its students the knowledge and appreciation of business and economic principles that will enable them to make a worthwhile contribution to society as leaders in either the private or public sector. In addition to the school's mission of professional education, it recognizes and encourages an environment of research both for its contribution to new knowledge and to the economy of the region served.

The school includes the following departments: accounting; business administration; business, office and economic education; and economics.

Two undergraduate degrees, the bachelor of accounting (B.Ac.) and the bachelor of business administration (B.B.A.), are offered by the school. These degrees represent the first level of education in business and have the following objectives:

- To encourage a strong liberal arts education through the prebusiness degree requirements and the election of broad-based liberal arts courses outside the school.
- To orient students in the basic tools and functional concepts of business and to equip them in the application of management skills.
- To prepare graduates to enter a management career or to pursue graduate study.

Undergraduate majors also are offered in the Department of Economics and Business, Office, and Economic Education.

The Department of Economics offers the major in economics for the bachelor of arts or bachelor of science degree. The B.A. and B.S. degrees are conferred by the College of Letters and Science. The B.A. degree is designed for students who have a liberal education interest in the field or desire to pursue graduate work. The B.S. degree in economics provides an intensive study of the discipline for those interested in private or public sector career opportunities in economics.

The Department of Business, Office, and Economic Education offers the major in business and office education for the bachelor of applied science degree and a

concentration in secretarial sciences for the associate of arts degree. The B.A.S. degree is conferred by the College of Education and the A.A. degree is conferred by the College of Letters and Science. Students who seek the B.A.S. degree generally aspire to careers in teaching at the junior high, secondary, or postsecondary vocational level. Students seeking the A.A. degree in secretarial sciences generally have an employment objective in the field of administrative services.

A master of business administration (M.B.A.) degree program is offered. This program is designed to prepare men and women for management careers, including management in business, government, and nonprofit organizations such as labor unions, hospitals, and educational institutions.

College of Education

The College of Education has as its primary purpose the provision of 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, home economics, music education, physical education, teaching English, teaching French, teaching German, teaching social studies, teaching Spanish, teaching speech-communication, teaching speech-communication/theatre, and theatre education. The majors in home economics and physical education are offered within the College of Education, while the other majors for the B.A.A. are offered jointly by the College of Education and School of Fine Arts or College of Letters and Science. The bachelor of applied science (B.A.S.) degree is offered with majors in business, office and economic education, communicative disorders, early child care and development, elementary education, health education, home economics education, 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. Several of these majors are offered jointly with the School of Business and Economics or the College of Letters and Science. Majors for the B.A.A. or B.A.S. that are entitled _____ education or teaching _____ are areas which are recognized for elementary and/or secondary teacher licensure. The College of Education also offers the associate in vocational teaching 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 offered by the College of Education is a professional graduate degree program designed to provide an opportunity for teachers to improve their professional competencies. A student's program is individually tailored to meet identified needs and interests as an elementary, secondary, community college, or vocational-technical school teacher. 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, nursery school, 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, and the Tweed Museum of Art. Programs in dance are offered in the Theatre Department. The major purposes of the school are to provide educational experiences and quality instruction in the arts which allow for maximum understanding, 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, theatre, and theatre education, and the bachelor of music (B.M.) degree, with majors in music education, performance, and theory-composition.

College of Letters and Science

The College of Letters and Science has a fourfold 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 the associate in arts (A.A.) degree, a 2-year terminal degree program centered on a broad liberal education base. The college also offers the associate in science (A.S.) degree in dental hygiene. Upon successful completion of this 2-year dental auxiliary training curriculum, graduates are qualified to take the national and regional board examinations necessary for licensure to practice dental hygiene.

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. involves a strong technical or professional component within the major area. Majors in art, biology, chemistry, communications, earth science, economics, English, French, geography, German, history, interdisciplinary studies, mathematics, music, philosophy, physics, political science, psychology, social science, sociology-anthropology, Spanish, theatre, and urban studies are offered for the B.A. degree. Majors in biology, chemistry, economics, 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, dentistry, engineering, fishery and wildlife management, forestry, journalism, law, medical technology, medicine, nursing, occupational therapy/physical therapy, pharmacy, theology, and veterinary medicine.

School of Medicine

A 2-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 2-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, established in 1971, prepares students for careers in regional and national social development. Social development refers to the process of *planned institutional change to bring about a better correspondence between human needs and social policies and programs*. Attention is given both to the need for comprehensive and coordinated planning on a regional and national basis, and to the need to help indigenous groups influence political and institutional structures to more completely address their particular needs.

Social development requires an integrated approach to developmental problems, including a consideration of human needs, social policies and their political and economic context, social planning, administration, evaluation, and research skills. The curriculum of the school, both at the undergraduate and graduate levels, represents a systemic approach to the understanding and solution of social problems and social service delivery. The school seeks to educate professional social workers whose approach to the current critical social needs and issues will be developmental rather than ameliorative in nature.

The school awards both the bachelor of social development and the master of social work degrees.

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 offered include the master of arts (M.A.) degree program which is available 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 obtained in the field of social development. A 2-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 began accepting applications in fall quarter 1976.

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

Exchange Program

UMD has an exchange program with the College of St. Scholastica in Duluth and the University of Wisconsin-Superior that allows 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.

ADMISSION REQUIREMENTS

General Information—The Duluth campus includes six collegiate units. The criteria summarized below apply to undergraduate admission 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 are admissible upon filing an application, regardless of residence. Students who are not in the upper half of their high school class must present evidence of probable success at UMD. Such evidence should include test scores (ACT or PSAT) and counselor recommendations or other information relative to their ability to complete their educational goal. A limited number of these applicants will be admitted on a first-come, first-served basis after they have completed a diagnostic assessment through UMD's Supportive Services Program. The purpose of this assessment is to identify areas in which students' skills may need strengthening to assure a successful college experience. The assessment is required. Outstanding high school students may be considered for admission prior to graduation (usually at the end of the junior year). Special interviews, recommendations, and tests are required.

All students applying for admission for fall quarter 1978 will be required to submit admissions test data. Either the ACT or the PSAT will be accepted. However, beginning fall quarter 1979, *only* the ACT will be accepted.

Admission Policy for Advanced Standing (Transfer) Students—Any student successfully completing 39 or more credits with a grade point average of C, and who has successfully completed 75 percent or more of all work attempted, will be admitted. This policy applies to nonresidents as well as Minnesotans. Students from institutions that do not record grades below C will be admitted if they were in good academic standing. Students from institutions which use only pass-no pass grading systems will be admitted if they have passed a minimum of 75 percent of all work attempted. Students who do not qualify under the above provisions will be considered on an individual basis which may take into account high school records or test scores.

Transfer students who have completed an A.A. or B.A. degree at a community college or at another 4-year college or university will be exempt from UMD's liberal education distribution requirements providing their degree contains a minimum of 45 credits in courses comparable to the liberal education courses required at UMD.

Application Procedures

Early application is encouraged. A check or money order in the amount of \$10, made payable to the University of Minnesota, Duluth, must accompany each application. This "credentials examination fee" is not refundable.

Students transferring from another college or university must submit official transcripts covering all college work in addition to an application form.

Persons seeking additional information or assistance are encouraged to contact the Admissions Office, 101 Administration Building. The initial letter should request an application for admission, briefly describe the prospective applicant's high school

and college background, and outline plans for further study, including the department or general field in which the individual expects to major.

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, it is strongly recommended that disabled students contact the office of Services for Physically Handicapped Students to arrange a pre-enrollment visit and to work out any unique problems regarding their attendance.

POSTADMISSION EVENTS

Orientation

During orientation, new freshmen and transfer students are introduced to the campus, faculty, their adviser, and classmates, and are assisted with program planning and registration. Orientation activities also include a preview of what is ahead academically and an explanation of the educational philosophy of the University. In addition, each new student receives the handbook, *Trailways*.

New students are informed of their orientation-registration dates for fall quarter beginning in April. Orientation sessions are scheduled in mid-August and in late September. 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 the University of Minnesota, Duluth, will be mailed information regarding the completion of a Health History form that will become part of the permanent medical record. A preadmission physical examination is no longer required as a part of the admission-registration procedure, but it is highly recommended as an important aid in continuing good medical care while enrolled at UMD.

FINANCIAL AIDS

During the academic year 1977-78 over \$4.7 million was provided to students at this institution 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.

Applications for financial aid must be received by March 1. Admission to this institution is required before an applicant is notified of award assistance.

For more information contact the Financial Aids Office, 139 Administration Building, University of Minnesota, Duluth, Minnesota 55812; telephone (218) 726-8282.

STUDENT SERVICES

Housing

Requests for information or assistance in securing room and board in the residence halls or space in one of the three apartment complexes should be addressed to the Housing Office, 184 Administration Building, University of Minnesota, Duluth, Minnesota 55812.

Recreational and educational program 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 the disabled student community, the UMD Housing Office is committed to an ongoing program of reasonable accommodation in meeting those needs.

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

Once the application is accepted and confirmed, the first installment payment of \$150 is due by July 15. 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. Bedspreads, one blanket, and weekly changes of bed linen are provided. Students are asked to bring their own extra blankets, towels, and other personal necessities. Each hall provides student 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 is available to residence hall students. Special accommodations are available to residents who have physical limitations.

On-Campus Apartments

Village Apartments—The University offers 76 modular apartment units, each housing four students. This complex, located in a wooded grove on campus, 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 full kitchen, and a dining-living room. Units are furnished except for bedding, dishes, and kitchen utensils. All utilities except telephone are included in the rent. The apartment units are grouped in clusters of four around a courtyard and are connected by lighted walks. The Village is governed by students and resident advisers. 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 near the academic areas. 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 except telephone are included in the rent.

Junction Avenue Apartments—This two-building complex consists of 39 apartments. Each apartment can accommodate four students. The apartments are fully furnished with the exception of bedding, dishes, and cooking utensils. All utilities except telephone are included in the rent. Each apartment has a kitchen, a bath, two bedrooms, and a living area. The complex has apartments adapted for handicapped students.

Off-Campus Housing

Current listings of privately owned off-campus housing facilities for students are listed in the Housing Office, 184 Administration Building. 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. Students should satisfy themselves that the accommodations are acceptable before making a deposit and should establish the exact rental period. Students 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

The Counseling Office aids students with their personal development. Students may consult with counselors on any personal, career, or social problem; occasionally they may be referred back to their adviser or instructor. In addition, a wide range of appropriate tests is available as well as bulletins of information about professional and graduate schools.

Students may schedule appointments by contacting the Counseling Office, 184 Administration Building. They may request a particular counselor. In emergencies, students can be seen almost immediately.

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 reception desk in the Veterans Outreach Office, 16 Administration Building.

Library

The UMD Library contains approximately 240,000 volumes and 45,000 volumes of microtext, and subscribes to 3,600 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 and CHEMCON, and similar access to educational, agricultural, business, and geological informational resources is available.

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

Health Service

(1215 East University Circle)

The Health Service hours are from 8 a.m. to 4:30 p.m. Monday through Friday.

Emergencies after Health Service hours may be treated at either St. Luke's or St. Mary's hospital's emergency room. Outpatient care for lacerations and fractures, and hospitalization for surgery and illness, are covered largely by the Blue Cross-Blue Shield Co-Pay Plan, or the student may use an alternate personal insurance plan. The Campus Police may be contacted for help in supplying transportation to one of the hospitals after Health Service hours.

Many medications prescribed by Health Service physicians are dispensed at wholesale cost at the Health Service.

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 center also serves as the main source for information about activities, programs, and services for the University community.

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.

Convocations, Lectures, and Concerts

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 Student Center 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 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. The elected president and University student senators participate in the UMD Campus Assembly, which is the legislative branch of the campus.

Student Organizations

Where the interest and welfare of students are apparent, special interest groups, governing councils, boards, and committees composed of students, staff, and faculty exist.

More than 100 registered student organizations play a vital role in meeting the special interests of students. The University encourages participation in clubs, fraternities, sororities, religious organizations, and special interest groups to supplement the students' academic learning. A list of these organizations is available in the student *Trailways* handbook and in the current *Student-Staff Directory*.

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 Athletic Conference, the Western Collegiate Hockey Association, and the Minnesota Association of Intercollegiate Athletics for Women. 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).

Intramurals—This program is widely expanding to offer a variety of sport activities for men only, for women only, and for men and women. Intramural activities include: broomball, cross-country and downhill skiing, ice hockey, track and field, touch football, golf, tennis, softball, table tennis, badminton, basketball, volleyball, and swimming.

A new 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.

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 3-hour drive from UMD.

Music, Theatre, Art, and Dance

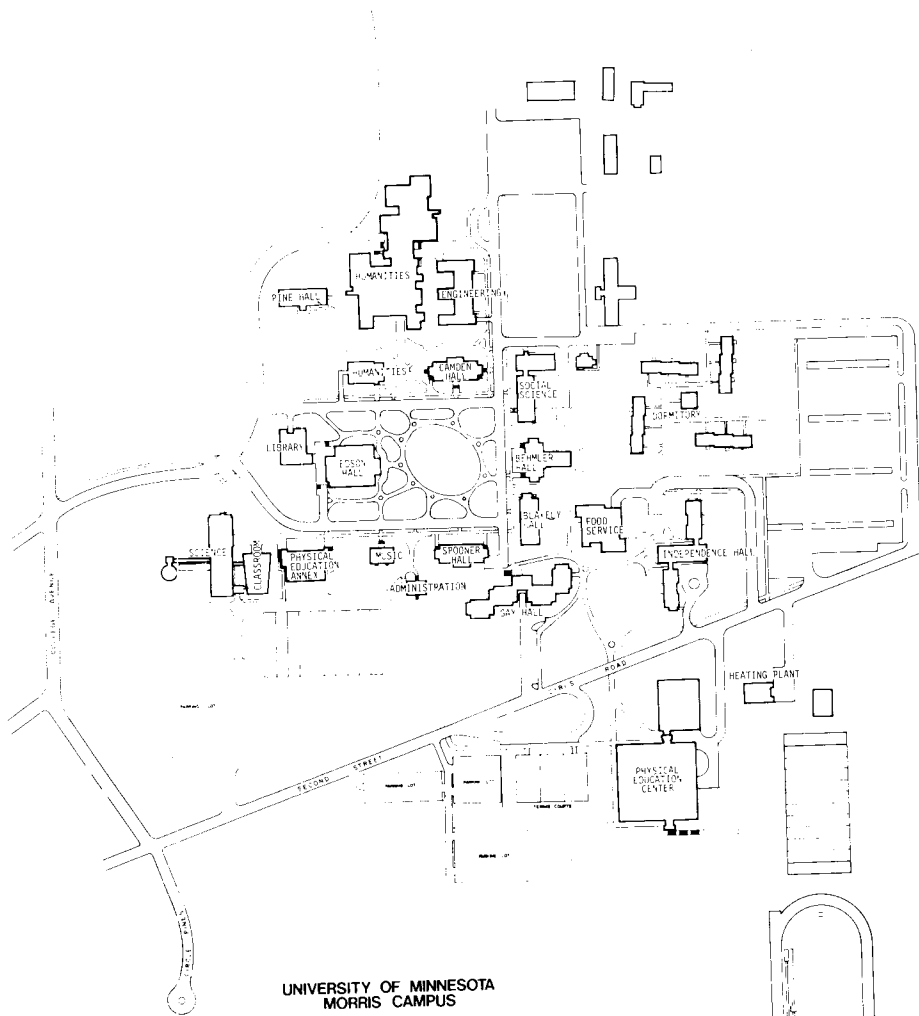
Students interested in the fine and performing arts may take an active part in theatre, band, dance, chorus, orchestra, jazz, opera, and chamber music groups.

The University Theatre and Summer Theatre Company stage six major productions annually in the new 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, studio work, and art history. The Tweed Museum of Art is available to students interested in its activities and exhibitions. Student exhibits as well as professional art shows are continually changing throughout the year.





UNIVERSITY OF MINNESOTA
MORRIS CAMPUS

University of Minnesota, Morris

The University of Minnesota, Morris, created by action of the Board of Regents in 1959, is a 4-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, its curricula are based on the concept of a broad academic background providing a foundation in three basic areas of knowledge—the humanities, 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.

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 its size, flexibility in formulating programs and policy, and an intense commitment to a spirit of community, provide UMM with its particular institutional character. UMM provides a liberal arts experience within a community dedicated to reflecting the scholarly and creative growth of its members in the daily life of the institution itself.

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

Academic majors presently offered at UMM include art history, studio art, biology, chemistry, 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 business economics, 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 oriented educational programs 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 program.

In addition to traditional academic goals, UMM has an added responsibility—that of developing new, exemplary, and innovative academic programs. An A-B-C-No Record grading system that encourages broad intellectual experiences, expanded instructional opportunities, continued emphasis on individual counseling (both by the counseling staff and the faculty), the opportunity for excellent student-faculty rapport, and a small campus conducive to the establishment of a community of scholars with unlimited social, cultural, and academic development are designed to maximize the student's opportunity to obtain a quality liberal education.

Opportunity is 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 and Extension, and Summer Session

Students may start or continue college studies by attending Continuing Education and Extension or Summer Session courses. Schedules and information are available in 225 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 results from the ACT or PSAT/NMSQT.

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.

Advanced Standing Admission

Students who have completed a year or more of work at an accredited college or university and who have a GPA of 2.00 or better will be admitted. Applicants who have had less than a year of college work must meet all requirements for entrance from high school and submit their college records as well.

All students considering transfer to UMM should plan their program to include the general education requirements. These courses need not be completed before the time of transfer, but the closer students are to completing them, the easier their transition to UMM will be.

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 August 15 for fall quarter, November 25 for winter quarter, and February 25 for spring quarter.

For more information, consult the *Morris General Bulletin*, or contact the Director of Admissions, University of Minnesota, Morris, Minnesota 56267.

POSTADMISSION EVENTS

New Student Registration

Three registration periods will be held for entering first year and transfer students with fewer than 14 quarter credits who plan to enroll for fall quarter. New students enrolling for winter or spring quarter will register immediately prior to the first day of classes. New first year and transfer students will select one of the three registration days—mid-June, early July, or mid-September—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.

Orientation

New students entering in the fall who have not previously attended a college will come to the University of Minnesota, Morris, 3 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 which 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 the student's 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. No one is required, however, to live on campus.

Students who normally would not live on campus are asked to consider doing so at least during their first year at UMM. 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 cocurricular learning experiences available at the University of Minnesota, Morris.

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 unique location of privacy 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.

RH4 APARTMENTS, newest housing complex at UMM, offers 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 Payments¹

(Rates during summer sessions are approximately half of the rates shown)

	(Based on Double Occupancy Rates)		(Single Rates)	
	Blakely, Spooner, and Gay Halls	Independence Hall	RH4 Apartments	Pine Hall
Room Rent	\$195	\$210	\$240	\$240
Food Coupons	225	225	225	225
Total	\$420	\$435	\$240	\$465
<i>Three Equal Installments Per Quarter</i>				
Each Installment	\$140	\$145	\$ 80	\$155

¹Note: these rates are subject to change.

Students selecting residence hall accommodations must also purchase a minimum of \$240 face value of food coupons for \$225. Coupons are also available to apartment residents but are not required. Coupon prices reflect the cost of food and other supplies, salaries and wages of student and nonstudent employees of the facility, maintenance and utilities, management services, and amortization of building construction costs.

Room rental charges reflect the cost of basic furnishings, maintenance and utilities, management services, assistance from professional residence hall counselors and student resident advisers, advising and recreation programs specifically designed for residence hall students, as well as amortization of building construction costs.

Super Singles and Single Rooms

A limited number of single spaces are available in double rooms (super singles) in Spooner, Blakely, Gay, and Independence halls at a rate of \$60 more per quarter than for shared accommodations. Also in these halls (except Spooner) rooms designed for one person only are available for \$45 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 Morris Campus Student Association's Off-Campus Housing Office. Rental prices currently range from approximately \$50 to \$100 per person per month.

Most off-campus apartments and houses are taken in the spring preceding the beginning of fall quarter. The MCSA Off-Campus Housing Office has files on off-campus living accommodations with information on whom to contact, costs, living restrictions, etc. In addition, the office has a list of guidelines that informs students of privileges and responsibilities as a lessee that can be helpful for the students' own protection. During the year, the MCSA Off-Campus Housing 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, 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 browse through information about graduate schools and careers.

While their primary function is 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.

Library

The Rodney A. Briggs Library houses a carefully selected collection of approximately 100,000 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 services 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 services 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 an organization 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

The Morris Campus Union Board (MCUB) is responsible for the social, cultural, and recreational activities on campus. The MCUB consists of a student chairperson, nine students, three faculty members, and a representative from the Student Activities Office. Typical activities include dances, retreats, films, and coffeehouse entertainment. MCUB also sponsors a variety of eminent concert musicians and entertainers.

Throughout the year, the MCUB Convocations Committee sponsors speakers on a variety of topics in an effort to acquaint members of the UMM campus community with contemporary social and political issues.

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.

Clubs, Fraternities, and Sororities

Some of the other active campus organizations include the Art Club, UMM Berean Christian Fellowship, Beta Sigma Psi Fraternity, Biology Club, Black Student Union, Chemistry Club, Chess Club, Cougarettes, Dirac Physics Club, Economics Club, Saddle Club, Morris-Minnesota International Student Association (MO-MISA), Language Club, Letter Club, Lutheran Collegiates, Math Club, Morris Meinings, Native American Student Association, Newman Club, Order of Diana, Outdoor Club, Sigma Sigma Sigma Sorority, Student Minnesota Education Association, Tau Kappa Epsilon Fraternity, Veteran's Club, Women's Center, Cheerleaders, Debate & Forensic Association, and Minnesota Public Interest Research Group (MPIRG).

Fine Arts Programs

The MCUB Performing Arts Series sponsors several performances by artists of national and international stature each year. 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 Meinings, a group dedicated to providing drama and theatre experience for its members, offers dramatic productions.

Concerts are scheduled throughout the year by the UMM Concert and Stage Bands, the University Choir, and the Chamber Choir. The Symphony Orchestra, composed of students, faculty, and area residents, also presents concerts during the year. 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 the individual participant's general education. Through these voluntary athletic and recreational experiences, the student has the opportunity to achieve a high level of personal fitness. The physical education and athletic staff is dedicated to helping the individual participant 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 Minn-Kota Conference. 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.

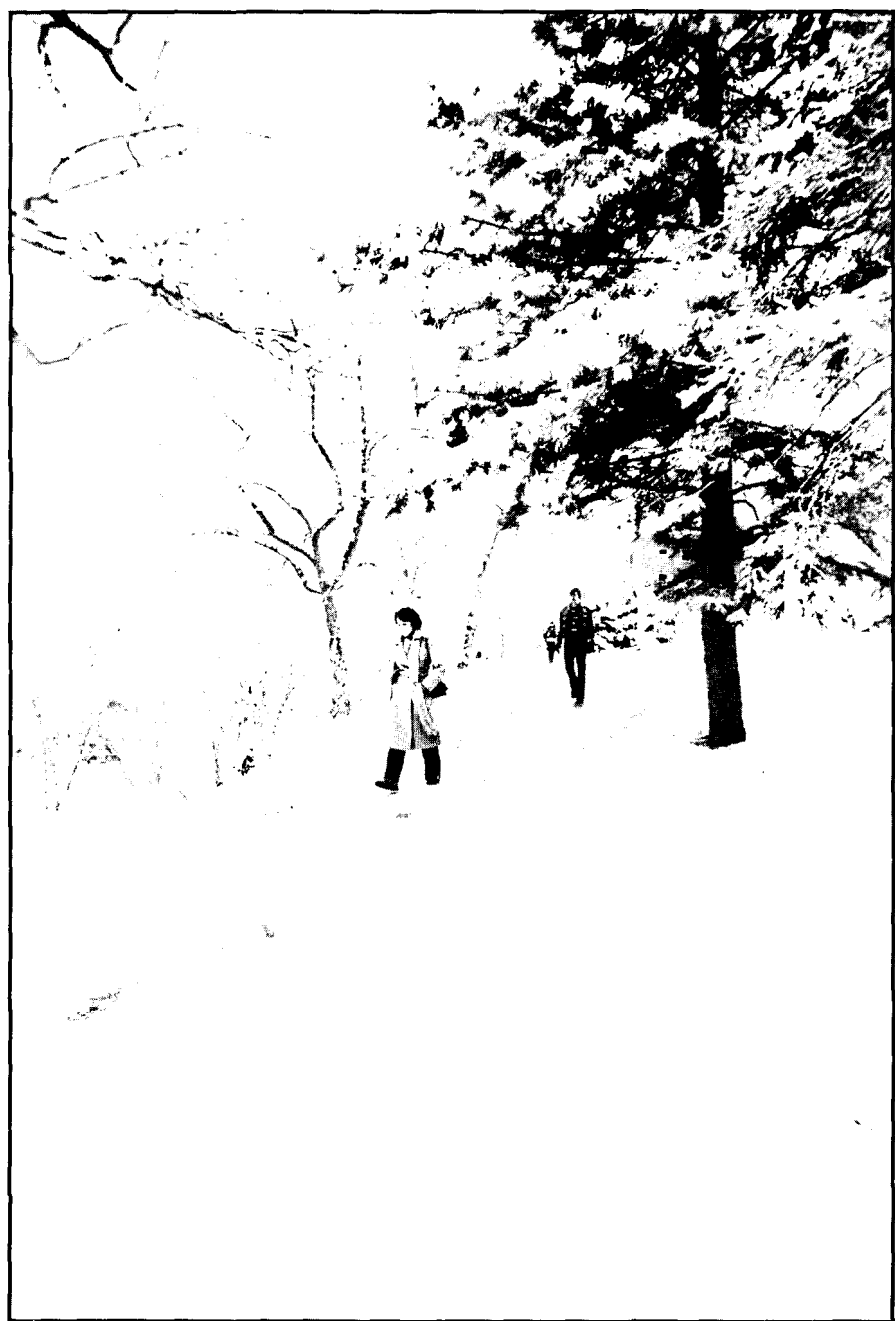
The women's intramural program, under the direction of the UMM Women's Intramural Council, provides a diversified activity program for women students. Seasons of competition are scheduled in flag football, basketball, bowling, volleyball, and softball. Tournaments in tennis, badminton, table tennis, 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. 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. All students and faculty are encouraged to use these facilities whenever possible.

Finally, for the outdoors 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.





HEATING PLANT

VEHICLE GARAGE

WISPER BUILDING

BOWEN HALL

DOUGLAS HALL

BEDD HALL

DWYER HALL ANNEX

CHURCH HALL

WILSON BUILDING

DWYER HALL

SEVIER HALL

GREEN HOUSE

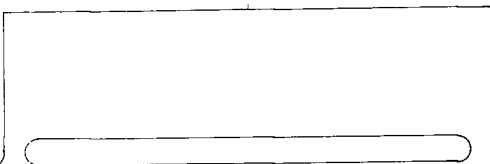
MCCALL HALL

FRIDSON HALL

SCREVEN HALL

STUDY BUILDING

UNIVERSITY OF MINNESOTA
CROOKSTON TECHNICAL COLLEGE



University of Minnesota Technical College, Crookston

The University of Minnesota Technical College, Crookston (UMC), opened in the fall of 1966. As a coordinate campus of the University, the college offers technical education in a rural agricultural setting. UMC recognizes that learning how to earn a living should be an essential component of the educational process. 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 at a practical level. 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.

The site of the college is the former campus of the University's Northwest School of Agriculture, located one mile north of Crookston. College facilities consist of 23 buildings. The attractive grounds include flower gardens that border a spacious mall. The college has many well-equipped special purpose laboratories to support the instructional programs. New facilities have been constructed for the animal science program, including a large indoor arena and stable located adjacent to the Winter Shows building. Facilities under construction at the present time are a Learning Resources Center addition, a new food service building, and two tennis courts. It is anticipated that a new physical education and recreational facility and a remodeled and expanded student union will be built in the near future.

CURRICULA AND DEGREES

The college offers 24 academic programs in agriculture; 19 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 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.

ORIENTATION

Students and parents are invited to participate in Preregistration/Parents' Days scheduled during this 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

Refer to the financial aid information in the first section of this bulletin. 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 15 for incoming freshmen and by May 15 for returning sophomores.

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. Maid service and telephones are provided in the residence halls. Residence hall rates for 1978-79 vary from \$394 to \$528 per quarter (depending on meal plan and hall selection), and the rate is \$416 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 development and implementation of policies, standards, and activities through dorm 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 and dining office maintains listings of vacancies. Off-campus housing is not subject to University regulations.

Counseling, Placement, and Academic Advising

Educational, occupational, financial, and personal counseling are available to all students through the services of counselors assigned to each academic division. The director of counseling and placement is located at 117 Dowell Hall, extension 318. Financial counseling may be obtained from the director of admissions and financial aid, extension 242. Career counseling is available through the Career Education Center located in Selvig Hall.

A director of minority programs, located in the White House, extension 220, offers special counsel to minority students.

In choosing quarterly classes from the available offerings of the technical college, the 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.

Learning Resources

The library, the audiovisual department, television education, word processing, graphics, and the photo lab are each a part of Learning Resources. This unit encompasses—in one physical facility—books, periodicals, pamphlets, films, filmstrips, film loops, 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 over 17,000 volumes.

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

8:30 a.m. to 9:30 p.m. Monday through Thursday
 8:30 a.m. to 4:30 p.m. Friday
 12:00 noon to 4:00 p.m. Saturday
 6:00 p.m. to 10:00 p.m. Sunday

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, tutoring, and a list of typists for hire are also available to students at the center.

Health Service

A registered nurse is on duty during the day in the White House and is on call for after-hour emergencies. In addition, city physicians are available to see student patients on scheduled days. Emergencies and illnesses requiring a doctor or extended health care are coordinated through the Health Service with community clinics and the Riverview Hospital. Students are encouraged to obtain adequate hospital insurance coverage.

STUDENT ACTIVITIES

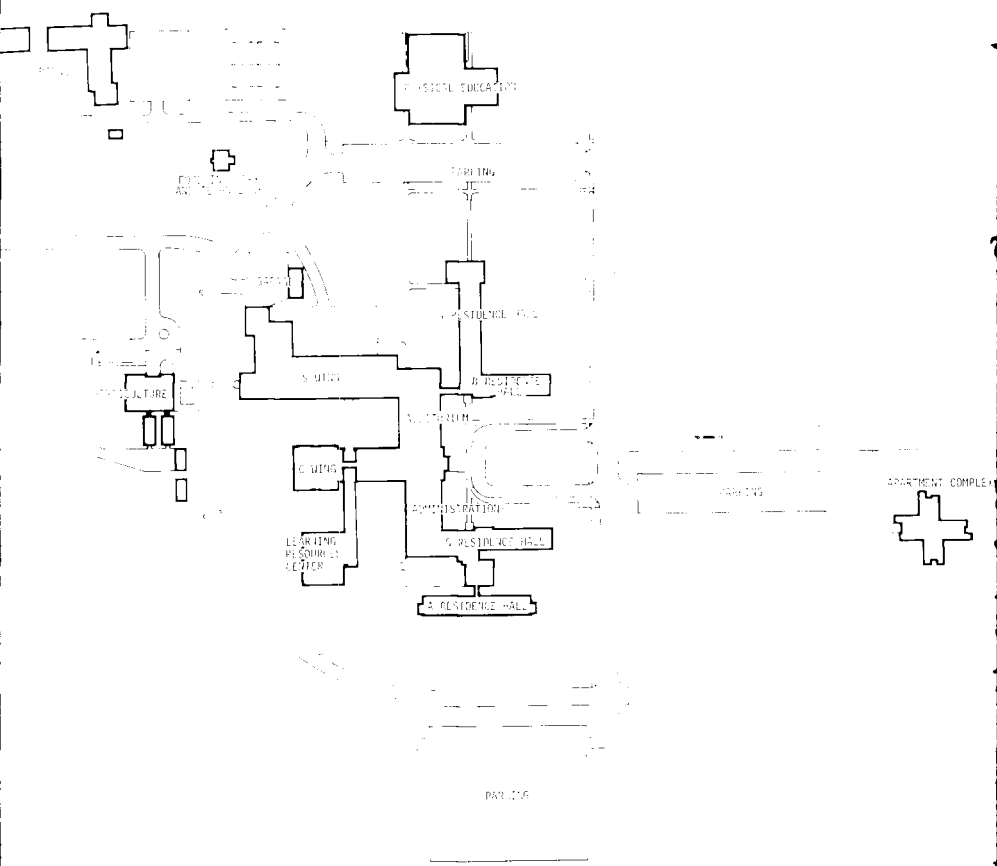
Student Government—Students are represented on the Student Senate, the University Senate, the UMC Campus Assembly, and by a Student Regent representative. All enrolled students are members of the UMC Student Association and are represented by their governing body, the Student Senate. Homecoming, the 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, coffeehouse performances, and other entertainments 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, bowling, 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 and volleyball.

Campus Ministry—The Cooperative Campus Ministry 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 activity. 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.



UNIVERSITY OF MINNESOTA
 WASECA TECHNICAL COLLEGE

University of Minnesota Technical College, Waseca

The University of Minnesota Technical College, Waseca, 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 at a practical level. A coordinate campus of the University since 1971, the college offers programs of 2 or more and less than 4 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, 4-quarter system, and students may enter any quarter and attend continuously or intermittently.

College facilities include many special purpose laboratories. The University's Southern Experiment Station, which is adjacent to the college, provides an excellent practical agricultural laboratory. Students have the opportunity to learn from the experimental and demonstration plots and have access to equipment, land, and livestock for study.

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. The college offers programs in seven areas: agricultural business, agricultural industries and services, agricultural production, animal health technology, food industry and technology, home and family services, and horticultural technology. Twenty-five majors are available in these program areas to provide a wide choice of specializations.

While the primary objective of the college is to prepare graduates for employment, it is inevitable that some students will change their objectives and wish to 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.

Preoccupational Preparation—The preoccupational preparation 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 preoccupational 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 admission and visits him or her at home to discuss the programs of the college and the applicant's educational objectives.

ADMISSION STANDARDS AND PROCEDURES

Admission is granted on the basis of high school graduation or equivalent. Applicants are considered individually according to such criteria as aptitude, inter-

est, and compatibility of their goals with UMW programs.

Students apply to UMW by submitting the Minnesota College Admissions form, available from either a high school counselor or from the Office of Admissions and Records, University of Minnesota Technical College, Waseca, Minnesota 56093.

It is requested that all applicants take the American College Test (ACT), the Preliminary Scholastic Aptitude Test (PSAT), or the School and College Abilities Test (SCAT) as an aid in program planning. Specific application deadlines are available from the Office of Admissions and Records.

All students accepted for enrollment at the University of Minnesota Technical College, Waseca, are required to submit a completed health form before registration is complete.

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 Scholarship Service. The financial aids available at the University of Minnesota Technical College, Waseca, are similar to those available University-wide, and the student should 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 two apartment complexes. A room and board package is available for either a 5-day week or a 7-day week contract, with prices averaging about \$420 per quarter. Single rooms are offered as space allows.

Off-campus housing is available in the Waseca community. The Office of Student Affairs maintains listings of the housing available in the community.

Counseling

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. The Office of Counseling Services are available to help with social, emotional, educational, and occupational decisions or problems.

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 are available for students needing medical attention during the day, and the nurse 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.

Placement

The Placement Center assists graduating students in developing career goals and in finding employment situations 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.

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 and other recreational facilities. A Student Activity Link also provides lounge-study areas for students.

Convocations

A committee of students and staff plans concerts, lectures, programs, and other special events of interest.

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—The college is in its eighth year of operation, and new student organizations are frequently being formed. 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, Helping Friends Social Club, NAMA Club, SNOW (radio and TV club), and others. There are also an active honors society, Phi Theta Kappa, and a student newspaper, yearbook, and radio station.

Athletics and Intramurals—The college is a member of the Minnesota Community College Athletic Association and the National Junior College Athletic Association. Men's and women's football, basketball, volleyball, wrestling, cross-country, golf, softball, and track teams participate in conference competition. Recreational sports are also available at the college.

Religious Organizations—Students of all religious faiths have the opportunity to participate in special religious groups.

Musical Organizations—Both choral and instrumental musical groups have been formed on the campus and are seeking interested students. All such organizations are open on a college-wide basis to students and staff.



University Policies and Regulations

ACCESS TO STUDENT RECORDS AT THE UNIVERSITY

Enrolled students have the right to inspect their University records under provisions of the federal Educational Rights and Privacy Act, as amended in December 1974. This act refers to educational records such as those contained in records and admissions offices and college offices on the Twin Cities and coordinate campuses. Under the act, some information and files are not open to students; these include confidential materials received prior to January 1, 1975, and health, counseling, and police records.

In addition, under Minnesota law, individuals, whether enrolled students or not, have the right to be informed, upon request, of the content and meaning of their University student records (except medical, psychiatric, police, and other records confidential by statute).

Students who have been informed of the contents of their file may contest the accuracy or completeness of information in it by submitting a written request for correction to the office where the information is maintained.

Some student information—name, address, telephone number, dates of attendance, degrees earned, college, class, major, adviser—continues to be considered public information. Students wishing to withhold public information from release outside the University may indicate so when registering or by notifying the records office on their campus.

More information about record policy and a directory of student education records are available at the information booth on the upper concourse in Williamson Hall on the Minneapolis campus, at 130 Coffey Hall on the St. Paul campus, and at the records offices on all campuses.

Questions concerning the procedures for reviewing records should be directed to the Office of the Coordinator of Student Support Services, 260 Williamson Hall, Minneapolis campus (telephone 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 4-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 individual college bulletins.

RESIDENCE REGULATIONS AND REVIEW PROCEDURES

These regulations and review procedures are 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 will give preference to residents of the state as defined herein. The Regents recognize that a variety of definitions exists for the term "resident," and applicants are encouraged to give careful attention to the following regulations which define residency for University purposes.

Regulations

1. No student is eligible for residence classification unless (s)he or, if (s)he is a minor, the person from whom (s)he derives residence pursuant to item 6 below meets the qualifications prescribed herein for residence and has lived in this state substantially continuously for at least 1 year immediately prior to the first day of classes of the quarter for which resident classification is being sought, save for temporary absences as defined in item 2 below.
2. For the purpose of these regulations, the terms "residence" and "domicile" are synonymous. In general, domicile is the place where a person actually resides with the intention of making it the person's true, fixed, permanent home, and principal establishment, and to which whenever (s)he is temporarily absent, (s)he has the intention of returning. Full-time attendance at school outside Minnesota and initial enlistment in a military service are examples of temporary absences. Other absences for more than 1 year will be presumed to be nontemporary. 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 an intention to acquire a domicile in order to get 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.
3. Normally, the sojourn in this state of a student from another state for the sole purpose of attending school is not residence, and it is presumed that a nonresident at the time of his or her enrollment continues in that classification 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.
4. The following facts, although not conclusive, have probative value in support of a claim for residence 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 the state with attendance at the University only an incident to such residence.
5. The following facts, standing alone, are not accepted as sufficient evidence of domicile: employment by the University as a fellow, scholar, assistant, or in any position normally filled by students; a statement of intention to acquire a domicile in this state; 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.
6. For purposes of these regulations, the age of majority is 18 years. A minor does not have the capacity to establish his or her own domicile. 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.
 - f. If a Minnesota resident parent or guardian of a minor moves his or her residence to another state, the minor shall remain eligible for residence tuition status for at least 1 year thereafter.
7. Where a general guardian has been appointed by the state of the ward's domicile, at the time of appointment the ward's domicile presumptively remains in that state. The appointment by a Minnesota court of a resident guardian of a minor not domiciled in this state at the time of appointment has no effect upon the domicile of the ward.
8. Residence 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 1 year immediately prior to the first day of classes of the quarter for which residence classification is sought.
9. An alien student may apply for resident status under one or more of the foregoing regulations in the same manner as a citizen, if (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 immigration officials or consular officials in his or her home country that (s)he is eligible for resident alien status under specified conditions.
10. These residence regulations became effective winter quarter, 1974.

Review Procedures

1. *Initial Classification and Appeal*

- a. Registering under proper residence and advising the Office of Admissions and Records of changes in circumstance 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 1 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 his representative ex-officio.
- f. If an erroneous classification has occurred, a refund for the appropriate period and amount will be made.

2. *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 1.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 1.d. above.

3. *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.

4. *Effective Date*

These procedures became effective winter quarter, 1974.

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.
- 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 8 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 (2.00 grade point average, a C average) 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 8 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 over 800 member schools for eligibility, scholarships, schedules, and championships. Minnesota participates in region 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, alumni, and students, with the faculty 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. Therefore, 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 \$100.

For concerns regarding enforcement procedures, call 373-3550. Further information about the Minnesota Clean Indoor Air Act may be obtained through DIAL Information, 373-1857, tape number 3114.



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