



UNIVERSITY  
OF MINNESOTA  
BULLETIN 1973-74

General Information



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UNIVERSITY OF MINNESOTA

# General Information Bulletin

1973-1974

- MINNEAPOLIS/ST. PAUL CAMPUS
- DULUTH CAMPUS
- MORRIS CAMPUS
- CROOKSTON CAMPUS
- WASECA CAMPUS

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# University of Minnesota

## THE MISSION OF THE UNIVERSITY

The mission of the University is derived from the educational needs of the people of the state. The University shares the concerns and the responsibilities of all of the state's institutions of higher learning to provide optimal educational opportunities for the citizens of Minnesota.

The first higher educational institution in the state, chartered before Minnesota achieved statehood, the University takes seriously its leadership role in an ever-developing statewide education system. This system is flourishing in the conviction of the people of Minnesota that educational, social, and economic progress are inextricably interrelated.

Within the total system, the University has unique and special responsibility. It is the only comprehensive graduate institution in the state and thus must strive to meet the increasing needs for graduate and advanced professional education. As part of its mission it is, and must be, the center for research activity and a major source of competent faculty members for other Minnesota institutions.

Since its inception the University has been a major innovator of new programs and educational services to the people of the state. In the network of Minnesota's total higher educational system, responsibility for such innovation and unique service remains paramount.

The strong liberal arts program and the general education programs, long a tradition of the University, are increasingly a shared responsibility with other higher educational institutions in the state, with the University's focus being directed toward education for the advanced undergraduate in Upper Division professional and liberal arts curricula.

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. The willingness and the flexibility to change are the keys to 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 for 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 set it on the road to greatness.

In 1869 when the University reopened its doors and President Folwell gave his farsighted inaugural address, there were only 9 faculty members and only 13 freshman students. Two students were graduated at its first Commencement in 1873. Today, the visionary's dream has become a fact. 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 more than 51,000 full-time students in its degree-granting colleges and schools and 30,000 part-time Continuing Education and Extension students. Its administrators and faculty members are constantly growing and adapting to accommodate the burgeoning student body and to meet the demands of a society experiencing revolutionary 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, five 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 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 on the Twin Cities Campus/Minneapolis. The Institute of Agriculture, the College of Biological Sciences, and the College of Veterinary Medicine are on the Twin Cities Campus/St. Paul. Other campuses are located at Duluth, Morris, Crookston, and Waseca. Each campus has an Office of Admissions and Records.

## **HUMAN RIGHTS**

The Board of Regents has committed itself and the University of Minnesota to the policy that there shall be no discrimination in the treatment of persons because of race, creed, color, sex, or national origin. This is a guiding policy in the admission of students in all colleges and in their academic pursuits. It is also to be a governing principle in University-owned and University-approved housing, in food services, student unions, extracurricular activities, and all other student and staff services. This policy must also be adhered to in the employment of students either by the University or by outsiders through the University and in the employment of faculty and civil service staff.

## **BULLETINS, GRADING, DEGREES**

### **Bulletins**

Each college and other major division of the University has its own bulletin, in which you will find complete degree requirements as well as full descriptions of courses and regulations. College bulletins may be obtained by writing to the Office of Admissions and Records, University of Minnesota, Minneapolis, Minnesota 55455 for colleges on the Twin Cities Campus, or to the Office of Admissions at Duluth, Morris, Crookston, or Waseca. You must include your ZIP code in your return address; without it, the University will not be able to fill your request.

Additions and modifications are sometimes necessary during the period for which the bulletin has been published. The University reserves the right to make these alterations without notice.

## Grading

Modified grading systems for the Twin Cities, Duluth, and Morris Campuses went into effect fall quarter 1972. The new systems vary according to the campus, but involve two basic grading options: A-B-C-D-No Credit (in Morris, A-B-C-No Record), or Satisfactory-No Credit (in Morris, Satisfactory-No Record). Twin Cities Campus students have a maximum time limit of 1 quarter to make up grades of Incomplete. Students are urged to ask their advisers or college offices for more information on the changes in grading and record-keeping, or to check the Fall Quarter *Class Schedule*. The Waseca Campus records marks as A, B, C, S (Satisfactory) or N (No Credit). The Crookston Campus has retained the A-B-C-D-F and Pass-No Credit systems. For Graduate School students, the regulations of the school will apply. These will be available through the graduate departments or the Graduate School office.

## Degree Requirements

Degrees from the University of Minnesota are granted by the Board of Regents on recommendation of the faculty. Here are the steps leading to the granting of degrees:

- First, a student must meet all the course, credit, and grade average requirements of the University school, college, or division in which he is enrolled, including the all-University requirements for a liberal education.
- Second, he must meet residence requirements. This means that he must have spent at least a year in regular work at the University, of which 2 quarters must be in his senior year. If he has only 1 year of residence, it must be his senior year. Continuing Education and Extension courses (except correspondence study) count as residence credit. Some schools and colleges have additional residence requirements.
- Third, Graduate School students must meet only the academic and residence requirements of the graduate departments and the Graduate School.
- Fourth, the student must meet all financial obligations to the University.

## 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 differ in goals, degree programs, admission requirements, curricula, and graduation standards. They offer programs of widely varied lengths and structures leading to associate, baccalaureate, graduate, or professional degrees.

Each University student is enrolled in a single college or school. Ten of these colleges 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 for 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' counselor. Check with the Office of Admissions on each campus for his name.

## Application Timing

Final date for consideration of freshman and advanced standing applications to most colleges and programs is July 15 for fall quarter admission, November 15 for winter quarter, or February 15 for spring quarter. Depending upon enrollment limitations, some collegiate units may find it necessary to close applications before these dates. Some collegiate units may accept applications after these dates, but exceptions will be made only if space is available and the necessary admissions processes can be completed. In past years Crookston and Waseca have accepted applications well beyond these deadlines. Some units have special earlier deadlines; these are as follows:

Medical School (Twin Cities Campus)—between June 1 and November 15 of the year preceding expected entry

College of Veterinary Medicine—November 15 of year preceding expected entry

Law School—March 1

School of Dentistry—between October 1 and March 1

Dental Assisting, Dental Hygiene (Twin Cities Campus), Nursing, Occupational Therapy, Physical Therapy—April 15

Limited enrollment programs in the College of Education—end of first week of spring quarter for fall quarter admission

School of Architecture (in Institute of Technology)—July 1

College of Pharmacy—between October 15 and June 15

College of Biological Sciences—June 15 for fall quarter; October 15, January 15 for winter and spring quarters

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

Applicants usually will be notified of the admission decision within 3 to 6 weeks from the time their completed application form, fee, and credentials are on file at the Office of Admissions and Records.

## Application Procedures

Students are admitted to a specific college, program, or school and for a specific quarter. Except for the Law School, the application fee is valid for 1 year following the quarter in which the student originally intended to enroll. Application forms are generally available from high school counselors or the Office of Admissions and Records. They 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. Law School application forms are available from the Law School and must be returned directly to the Law School with a \$15 nonrefundable credentials examination fee.

Students may not apply simultaneously to different colleges on a single campus. However, colleges and campuses of the University will consider an applica-

tion in successive order if the student so indicates on his application form or if he changes his mind after submitting the application. Those wishing to apply to more than one campus of the University may do so in series or by sending separate application forms and credentials examination fees to each campus.

## **Freshman Admission**

High school graduates or those with less than 1 year of college work should complete the appropriate parts of the Minnesota College Admissions Form and return the form to the high school counselor. The counselor will complete the form and mail it to the Office of Admissions and Records with the student's \$10 credentials examination fee. Official transcripts for all previous college work must be sent directly to the Office of Admissions and Records.

All freshman applicants, except some of those applying to the Institute of Technology, must take the tests of the American College Testing program (ACT) and have the scores reported to the Office of Admissions and Records on the campus they plan to attend. These tests should be taken at the earliest testing date during the senior year. Information on testing dates and registration procedures is available from high school counselors or the ACT Registration Department, P.O. Box 168, Iowa City, Iowa 52240. A registration fee is required. ACT scores must be on file at the University of Minnesota before final admission will be granted. See section on *Institute of Technology* for special test requirements in that unit.

Four colleges (CLA, Forestry, Duluth, and Morris) require their freshman applicants to take the Minnesota Scholastic Aptitude Test in addition to the ACT.

Other entrance requirements such as the high school rank, high school courses, and aptitude test scores vary according to college, and are outlined in college sections below. In the admission requirements listed, a high school unit stands for 1 year of work or approximately 180 hours in a subject.

A student who wishes to attend college but thinks he may not be admissible for any reason should write to the Office of Admissions and Records on the appropriate campus. Almost every college of the University has made special arrangements to admit worthy applicants regardless of their precollege training. Recommendations from high school counselors or principals are encouraged in 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 12 and 13.

## **Students Entering Fall Quarter 1975, or After**

Freshmen entering most four-year colleges of the University (Agriculture, Forestry, Home Economics, Liberal Arts, Institute of Technology, Duluth, Morris) in or after Fall Quarter, 1975 should take the Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test during the junior year in high school. Those entering other units of the University (General College, Crookston, Waseca) may submit scores from either the PSAT/NMSQT or the School and College Abilities Test, both to be administered by the Minnesota Statewide Testing Program. An announcement will be made in the spring of 1974 on whether students submitting PSAT/NMSQT will also be required to take the ACT to be eligible for admission to a University college for 1975. Such announcements and further clarification on the new testing requirements will be made through high school counselors, and information will also be available at the Office of Admissions on each University campus.

## **Admission with Advanced Standing**

The University welcomes applications for "advanced standing" admission from students who have taken at least 1 full year of transferable work at another accredited university or college. Credits earned at a technical-vocational school may be transferred to some programs. 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 complete at least 45 credits in residence at the University, usually including a specified number of senior-year credits. 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 which the student plans to enter. Applicants normally must present a grade point average of at least 2.00 (C) on all college work. Often a higher average is required, particularly for nonresident students and for those entering professional programs. All passing work, including courses carrying D grades, may be transferred to most programs. (See the *Institute of Technology Bulletin* for exceptions in technical courses. Starting Fall, 1972, the College of Liberal Arts does not accept D work for transfer.) Transfer grades are not calculated as part of the student's University grade point average. However, grades earned 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 graduate students and Law School).

Applicants must request that official transcripts be sent by all the colleges which they have attended covering all work attempted, satisfactorily or unsatisfactorily. (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. Applicants for undergraduate programs for fall quarter should apply during the preceding academic year as soon as fall semester or winter quarter grades are recorded on the official transcript. A list of courses in progress must be included with the application. When all 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 course 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.

Students planning to enter advanced courses in areas where they have had 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 any further questions on course content to prevent duplication of work already covered by the student.

## **Other Admission Categories**

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

A Bachelor's degree or its equivalent from a recognized university or college is a prerequisite for admission to the Graduate School. An applicant with the necessary background for 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.

Requests for application must be sent to the Graduate School, 322 Johnston Hall, University of Minnesota, Minneapolis, Minnesota 55455, and should specify the proposed major field. Applicants to the Duluth Campus write to the Graduate Office, Administration Building, University of Minnesota, Duluth, Duluth, Minnesota 55812.

All applications for admission are submitted directly to the Graduate School. These must include an application form, one official transcript from each college attended, the \$15 credentials examination fee and any test results required by the department the student plans to enter. All materials, complete in every detail, must be received by the Graduate School at least 4 weeks before the opening of the quarter or summer term in which the applicant expects to begin his work. Many departments have earlier deadlines than this (as early as December, January, or February for fall quarter admission), and applicants should plan accordingly and make early contact with the appropriate department. Specific information on application materials and deadlines for each department is available in the *Graduate School Bulletin*.

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

The professional schools and colleges require from 1 to 4 years of pre-professional education before accepting students. This preparatory work may be taken at the University of Minnesota or elsewhere. To take it at the University of Minnesota, students must meet the entrance requirements of the college offering the work.

The specific preprofessional course work required is delineated in the bulletins of the respective professional schools; students interested in these professional programs should study the appropriate bulletins and follow the curriculum outlined. Preprofessional work from other institutions must also meet these specific requirements.

Most professional schools have early application deadlines; see the table of deadlines on page 8.

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

Men and women who want individual courses or groups of courses to meet special needs may be considered for admission to University colleges as "adult special" students. Usually these students are 24 years old or older or they already hold a Bachelor's degree. Adult special students are not candidates for

degrees but later admission to a degree program is possible on the recommendation of the college. In such cases, credit earned as an adult special student will be applied to the degree program where possible. Some colleges, including the Graduate School, may 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 apply as well to nonresident adult special applicants.

Applications should be submitted well in advance of the quarter of entrance, with the final deadline being September 1 for fall quarter, December 1 for winter, and March 1 for spring for the College of Liberal Arts. Deadlines for the Institute of Technology and College of Business Administration are September 15, December 15 and March 15. Other colleges have no established deadlines for adult special students. On the Duluth Campus this category is "special" student instead of "adult special."

### **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 programs of this University. Nonresident freshman applicants must submit scores from either the American College Testing program (ACT) or College Entrance Examination Boards. All admitted students (except those entering IT) who have not taken ACT tests must do so after admission as an aid to placement in English, mathematics, and chemistry courses. See the Institute of Technology (page 35) for special entrance test requirements.

Nonresident applicants are considered on an individual basis by the college they wish to attend, so 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 "Residence Regulations" for University policy on classification as a resident.

Under terms of the Minnesota-Wisconsin Interstate Compact, a limited number of students living in either state may be considered for admission to public institutions in the other state under regular "resident" admission standards. See page 92, "Nonresident Student Rates" for addresses where application forms are available.

### **Admission to Summer Session**

The University's two 5-week Summer Session terms are open to current and prospective University students and to those who are attending or have attended other accredited collegiate institutions and are in good academic standing. Students from other colleges who are not candidates for degrees at the University of Minnesota may enroll as "summer-only" students by filing Intent to Register cards (available in the *Summer Session Bulletin*) instead of regular University applications. This admission category is also open to students 24 years old or older who have no previous college work and who do not plan to obtain a degree from the University, but want to take specific courses. Admission as a summer-only student gives no claim to admission as a regular University student.

Students who plan to begin their University attendance during the Summer Session 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

requirements of the colleges as defined in the section on specific college admission standards.

Freshmen and advanced standing students in most colleges of the University may begin their regular enrollment in Summer Session. Starting summer 1972, the College of Liberal Arts will not admit students as regular freshmen or new advanced standing students during the summer term. However, admissible CLA students will be allowed to register as summer-only students, then 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 may take courses during the Summer Session between their junior and senior years in high school. They must file regular freshman application forms, but do not need the \$10 credentials examination fee. Such applications will be individually reviewed, with particular reference to the courses these students plan to take. Appropriate credits earned are counted toward a degree if the student later enrolls in the University.

### **Early Admission**

Outstanding high school students who have not yet graduated may be admitted to the University, usually after the 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. Fall quarter applicants should apply in the winter or early spring, using the regular application form and submitting the \$10 credentials examination fee. A student 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. These objective examinations measure general aptitude for college work rather than knowledge of specific subject areas. 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 by the tests depend on the subject area, test score, and college in which the student plans to enroll. Credit and/or placement may also be granted by some colleges for scores earned through the College Level Examination Program.

### **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. The Transfer Bureau of that office facilitates such changes by securing clearances, reevaluating credits, and forwarding documents.

Students should apply as early as possible before the actual date of expected transfer. Transfer application deadlines are July 15, November 15, and February 15 for the fall, winter, and spring terms, respectively, except for professional programs and other colleges with special earlier deadlines. (See table in section on application deadlines above.)

## FINANCIAL AIDS

### Student Loans

For students who need financial aid or advice, there is a financial aids office on each campus. The following paragraphs provide a general explanation of the various financial aid programs that are available to students.

**National Defense Student Loan Program**—Undergraduate and graduate students are eligible for loan assistance from this program. Undergraduate students may borrow up to \$1,000 per academic year from this program, and graduate students in cases of exceptional need may exceed this limit. A student must be enrolled on a one-half time basis or the equivalent in order to qualify. Loans made from this source carry no interest while the recipient is enrolled in a program of studies on a half-time or greater basis. Repayment must commence within 9 months after termination of studies or graduation. The balance of the indebtedness then incurs an interest rate of 3 percent simple interest. The balance of the repayment is arranged on an individual basis and may be extended as long as 10 years in some cases.

**Health Professions Student Loan Program**—Undergraduate students in medicine, dentistry, pharmacy, and veterinary medicine are eligible to apply for assistance from the Health Professions Student Loan Program. These loans are similar in terms to the National Defense Student Loans except that the amount which can be borrowed is higher, and the interest rate varies according to legislative action.

**Nurses Training Act of 1964**—Undergraduate and graduate level School of Nursing students who are enrolled in the professional programs are eligible for assistance from funds established by the Nurses Training Act of 1964 and subsequent amendments. The maximum amount available to an individual recipient in any one academic year is \$3,000 (\$1,500 loan and \$1,500 scholarship). Application forms and additional information about these funds may be obtained from the Office of Student Financial Aid.

**Guaranteed Student Loans**—This program, established by the Higher Education Act of 1965, Title IV Part B, enables one-half-time, registered students to obtain guaranteed loans for college expenses from a commercial bank, savings and loan organization, credit union, or other participating institution.

**Student Loans-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 loans varies between 3 to 6 percent simple interest, and the loan limit is in most cases \$1,000 per year. Other loan funds including student loans and emergency short-term loans are available at all campuses of the University.

## Scholarships, Grants, and Merit Awards

**Scholarships**—Scholarships for freshmen entering at any campus of the University, chosen from among graduates of Minnesota high schools, are supported by gifts from alumni, foundations, industry, and friends of the University. Scholarships, which range from \$100 to \$600, are awarded on the basis of the high school academic record, leadership, character, vocational promise, and financial need. One application, available through high school counselors, ensures consideration for all freshman financial aid and scholarships offered by the University.

Direct blood descendants of World War I veterans who were in the service 6 months before the armistice, and who have completed 2 quarters of satisfactory work at the University, may be eligible for the LaVerne Noyes resident tuition scholarship. Application and discharge papers must be filed each quarter before July 15, November 15, and February 15. Grants are limited to a maximum of 6 quarters.

After the student has established a record of achievement at the University, other scholarships and merit awards are offered in many of the University's fields of study. Information about these awards is announced through the Official Daily Bulletin. Application blanks may be obtained from the Office of Student Financial Aid and should be filed by April 1.

Generally speaking, the University of Minnesota regrets that on the Twin Cities Campus it is not able to offer scholarships to nonresidents or transfer students until they have made a deserving record at this University. However, nonresidents or transfer students entering at the Morris or Duluth Campuses should check with the appropriate office regarding this possibility.

The Duluth Campus has a number of scholarships, grants, and awards available to its students.

The Morris Campus has scholarships available to its students and in addition provides grant-in-aid assistance through the Educational Opportunities Grant Program.

The University of Minnesota Technical College, Crookston, financial aid program is designed to give assistance to all needy and worthy students and to give advice with budgeting and financial problems. It is based on the premise that all qualified students should have an opportunity to obtain a college education regardless of financial means.

**Grants**—The Higher Education Act of 1965 established a program of Educational Opportunity Grants to assist undergraduate students from low-income families. Grants range from \$200 to a maximum of \$1,000 per year. Eligibility is determined by the income and assets as well as the number of children in the family. Recipients must be full-time undergraduate students who can show evidence of financial need and ability to do college work. High school seniors should obtain further information and application forms from their high school counselors or principals.

**Regents Student Aid Fund**—Full-time undergraduate and graduate students may apply for grant assistance from this fund. The maximum grant from this fund is \$600 in any one academic year, dependent upon demonstrable financial aid.

**ROTC Scholarships**—Many ROTC scholarships covering full tuition, fees, and books plus \$100 per month are available on a competitive basis to persons in ROTC programs.



Four-year scholarships are available to high school seniors, to be activated upon enrollment. Applications for high school students must be submitted by January 15 for the Army ROTC program, December 1 for the Navy ROTC program and November 15 for the Air Force ROTC program.

## College Work-Study

Work opportunities for full-time students (with financial need) are included in the provisions of the Higher Education Act of 1965. Where possible, the jobs are related to the interests of the student. Once a student is admitted to the University, he is eligible to apply for the program and may begin work before he is enrolled for classes; for example, an incoming freshman may work the full summer before fall quarter classes begin. Students may work as many as 15 hours weekly while attending classes full time. During the summer or other vacation periods students may work 40 hours per week under this program. Pay rates depend upon the level of the job but vary from \$1.60 to \$3.24 for highly specialized jobs.

## Procedures to Obtain Financial Aid

**Freshmen**—Entering freshmen interested in loans, scholarships, or grants should contact their high school guidance office for application forms. (Non-residents of Minnesota must write directly to the appropriate office listed below.) One application ensures consideration for all types of financial assistance that the University has to offer—scholarships, loans, educational opportunity grants, and college work-study. These applications must be made through high school counselors or principals and forwarded to Twin Cities Campuses by January 15, to the Duluth and Morris Campuses by February 15, and to the Crookston and Waseca campuses by April 15. In addition to this application, students must have their parents or guardian submit a financial statement of family resources. Forms are revised annually, so students should be sure they have the correct form prior to filling it out. These forms are also available from the high schools or by writing to the Financial Aids Office of the appropriate campus. (Late applications receive lower priority for financial assistance.)

**Presently Enrolled Students, Transfer Students**—Upperclass, undergraduate, and graduate students may obtain application forms and information by contacting the appropriate financial aids office. Applications should be completed by April 1 (Morris Campus by February 15).

The addresses of the financial aids offices are:

### TWIN CITIES CAMPUS

Office of Student Financial Aid  
107 Armory Building  
University of Minnesota  
Minneapolis, Minnesota 55455

### DULUTH CAMPUS

Financial Aids Office  
Administration Building  
University of Minnesota, Duluth  
Duluth, Minnesota 55812

### MORRIS CAMPUS

Office of Admissions and Scholarships  
209 Behmler Hall  
University of Minnesota, Morris  
Morris, Minnesota 56267

## CROOKSTON CAMPUS

Admissions and Financial Aid Office  
Selvig Hall  
University of Minnesota Technical College  
Crookston, Minnesota 56716

## WASECA CAMPUS

Office of Admissions and Records  
University of Minnesota Technical College  
Waseca, Minnesota 56093

## Graduate Assistantships and Fellowships

Graduate students are eligible for a number of fellowships and for a number of research and teaching assistantships in many University departments. Information is available from the Graduate School Fellowship Office, 309 Johnston Hall, or the department concerned.

## Counselorships

For selected graduate students there are several positions in dormitories and fraternities, which provide room and board and require part of their holder's time. 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 University tuition scholarships. Application for such scholarships should be made to the Office of Admission and Records (window 18), Minneapolis Campus. Financial assistance is also available through the State Services for the Blind and the Visually Handicapped, 1745 University Avenue, St. Paul, Minnesota 55104.

Financial aid for other handicapped students is available through the Minnesota Division of Vocational Rehabilitation. Information about that program may be obtained from the DVR Liaison Office (N592 Elliott Hall, telephone 376-7026 or 7025) on the Minneapolis Campus, through the DVR office in your area of the state, or through the state office at 1745 University Avenue, St. Paul, Minnesota 55104.

Veterans with service-connected disabilities may be eligible for vocational rehabilitation services through the Veterans Administration. Write or call the Veterans Assistance Center, Federal Building, Fort Snelling, St. Paul, Minnesota 56111, telephone 725-4100.

## Student Employment Service

If you are a student on the Twin Cities Campus and need a job to help meet school expenses, the Student Employment Service, 30 Wulling Hall, will help you find part-time work either on or off campus. Apply in person at the office after you have enrolled and know your class schedule. On the Duluth Campus, go to the Financial Aids Office, Administration Building; on the Morris, Crookston, or Waseca Campus new students are urged to contact the Admissions and Scholarships Office as soon as they have been accepted for enrollment if they are interested in and will need employment to assist with their finances. Many summer employment opportunities are available also at the College and in various communities through the College Work-Study Program. Chances of being

placed depend on the supply of jobs, qualifications, need, and the hours available. Very frequently a job will provide valuable experience as well as financial assistance. 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 or write your 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. Tribal and private funds are available to American Indian students of less than one-fourth degree. Applicants must be residents of Minnesota. Applications should be made by May 1 for the following fall but will be considered at other times. Write to: Guidance Consultant, Indian Education, 410 Minnesota Avenue, Bemidji, Minnesota 56601. American Indian students on the Twin Cities Campus are invited to contact the financial aids adviser for American Indian students in the Office of Student Financial Aid and the counselors for American Indian students in the Student Counseling Bureau and in the Office of Admissions.

**Tuition Exemption, Morris**—Under the terms of an original land grant, free tuition is provided 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 of 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, Admissions and Scholarships, University of Minnesota, Morris.

## **Veteran, War Orphan, and Selective Service Information**

### **Chapter 34 (New G.I. Bill)**

If you have served in the Armed Forces of the United States since January 31, 1955, you may be eligible for educational benefits under Chapter 34, the "New 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 get his name and location.

You should also contact the Veterans Administration where you may obtain applications, determine eligibility and entitlement, and obtain counseling if necessary.

## Public Law 634 and 361 War Orphans

If you are 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, you may be eligible for educational benefits under Public Law 634, the War Orphans Educational Assistance Act of 1956, and Public Law 361.

You can obtain application blanks and additional information at the Veterans Administration. The Veterans Administration will not pay you until you make application and you should complete this before you start classes. You pay your own fees and buy your own books under these laws. Full payments for undergraduates are made for 14 credits per quarter (or more) and proportionate payments are made for smaller loads.

For both types of educational benefits do the following:

Make application to the Veterans Administration for benefits on or before your first day of classes. You won't get paid unless you do apply; you obtain a certification of eligibility from the Veterans Administration. Present the certificate and your receipted fee statement *in person* to one of the offices listed below.

If you are returning for another session, and your previous training period under one of the bills was officially interrupted, you may have to make out a re-enrollment form to notify the Veterans Administration that you wish to resume training status. Do this at one of the addresses below.

## Public Law 815

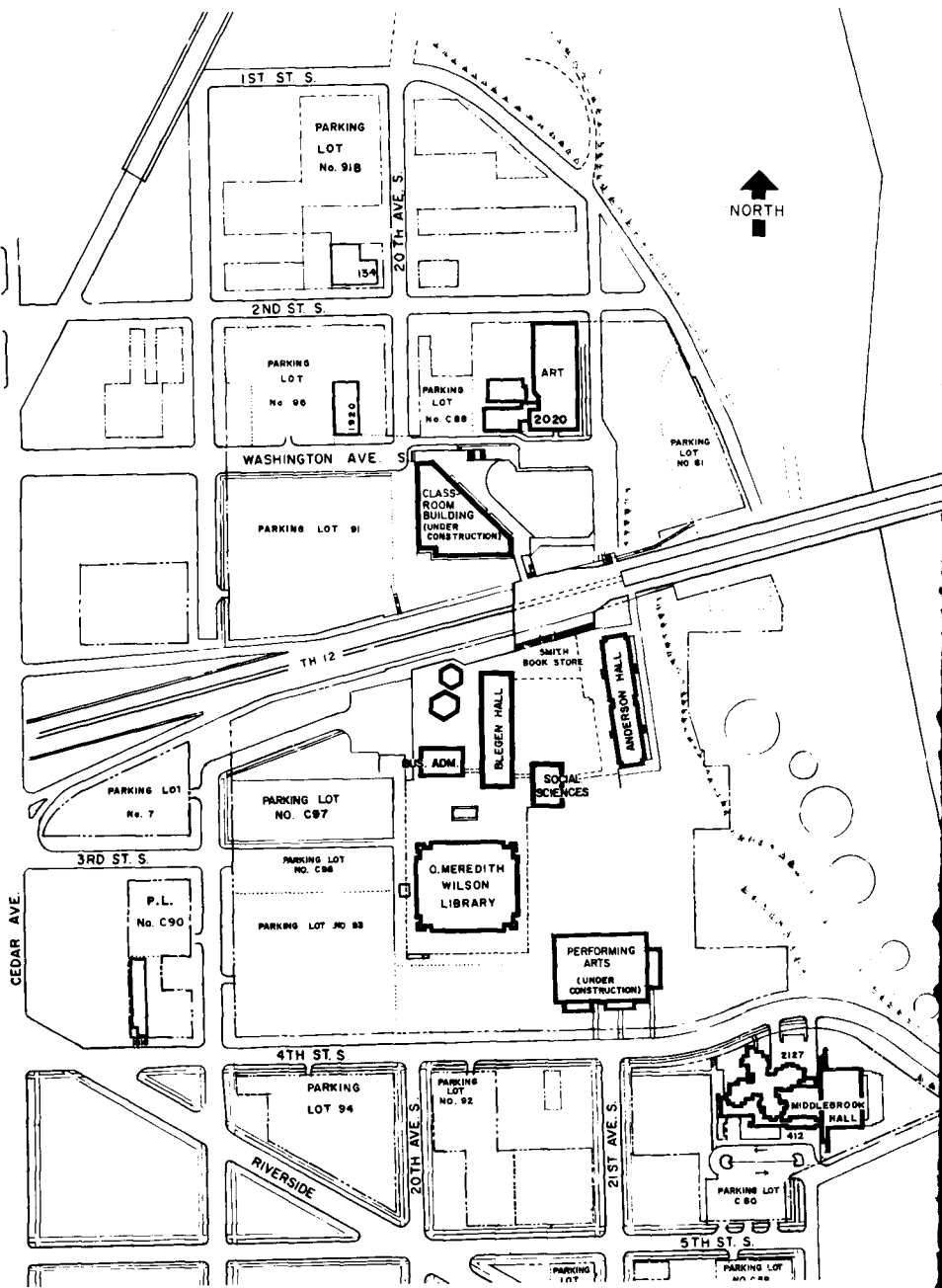
If you are a veteran registering under one of these bills, you should make the appropriate office listed below your first contact with the University. These offices provide assistance to the disabled veterans with matters pertaining to registration and the interpretation of Veterans Administration regulations affecting University programs. They provide counseling and authorize textbook and supply orders for such veterans.

### *Offices Dealing with Veterans*

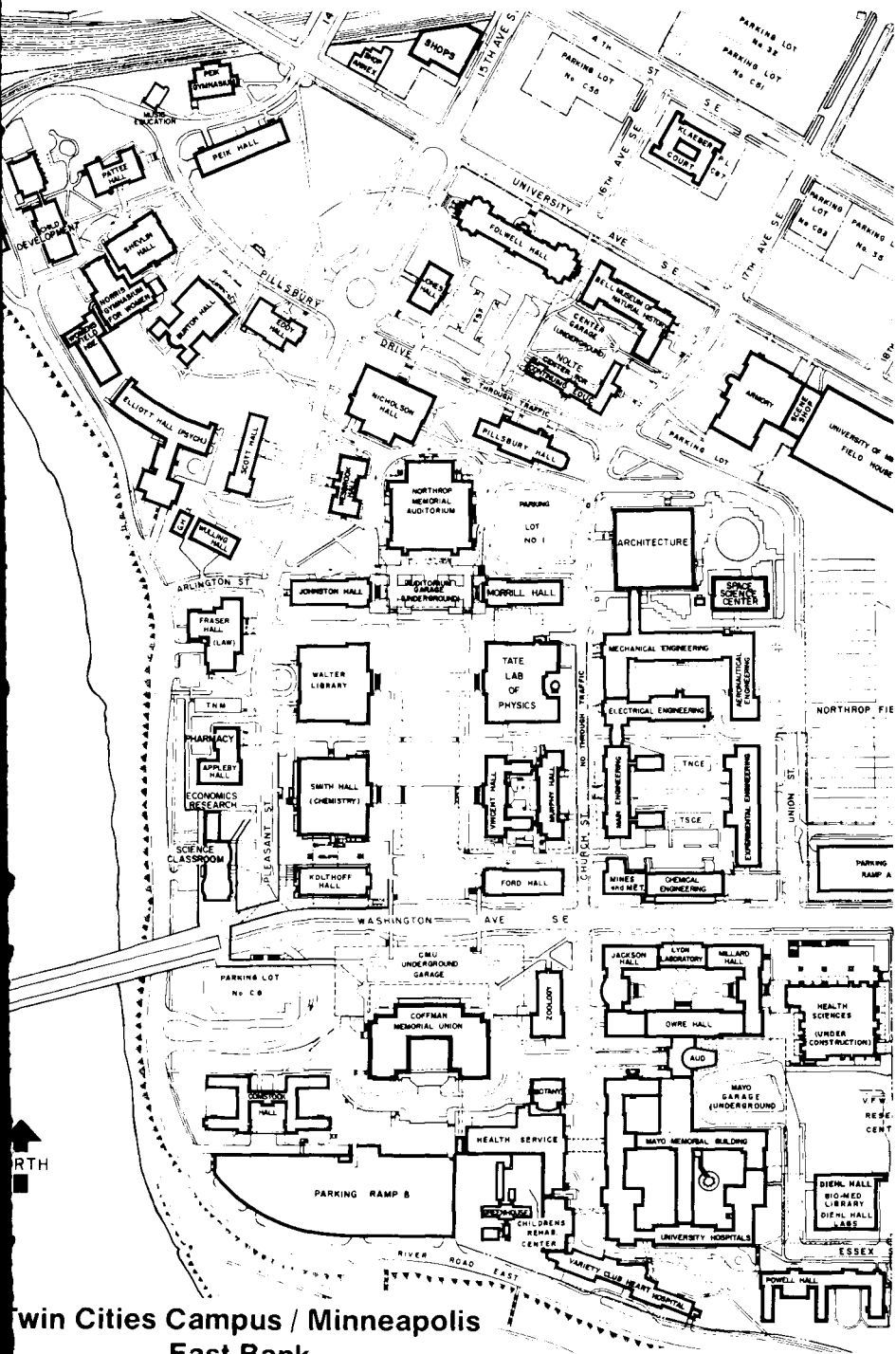
1. 105 Morrill Hall, Twin Cities Campus/Minneapolis
2. 220 Coffey Hall, Twin Cities Campus/St. Paul
3. Business Office, Duluth Campus  
Records Office, Duluth Campus
4. Office of Admissions and Scholarships, Morris Campus
5. Office of Records and Registration, Selvig Hall, Crookston Campus
6. Office of Admissions, Records, and Financial Aids, Waseca Campus

## Selective Service Certification

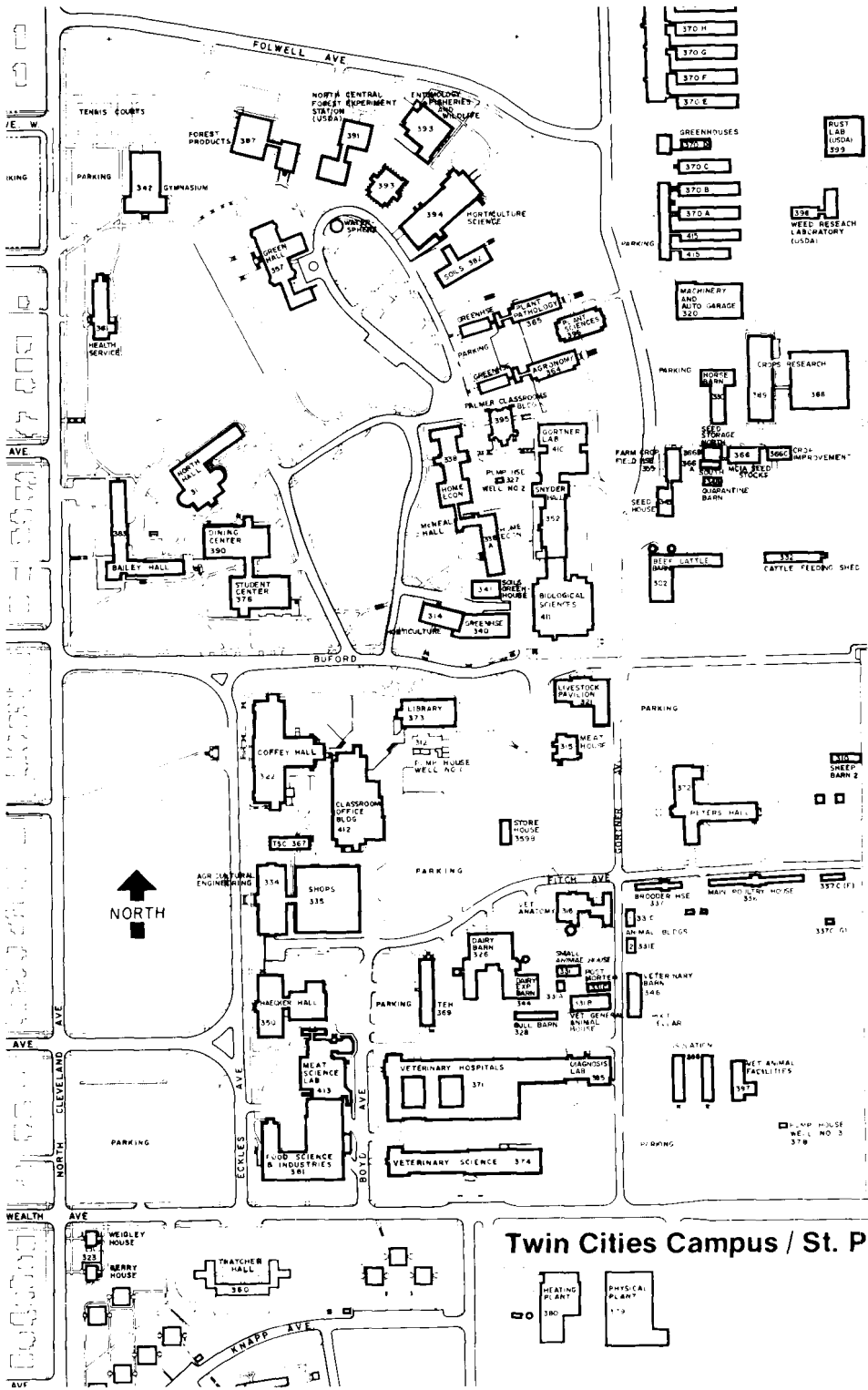
The University endeavors to be helpful to its students who ask deferment by their Selective Service boards for full-time study while making satisfactory progress toward a given degree objective. Authorization for reports on attendance, assistance in making out forms, counsel on solving problems with Selective Service, or information on how Selective Service may apply to you as a student can be arranged through one of the offices listed above. It should be noted that you must have paid fees and that classes be in progress before you will be considered a student for Selective Service purposes.



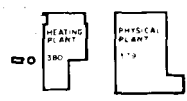
**Twin Cities Campus / Minneapolis  
West Bank**



**Twin Cities Campus / Minneapolis East Bank**



## Twin Cities Campus / St. Paul



# University of Minnesota, Twin Cities

## COLLEGES, CURRICULA, 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.

### College of Agriculture

The College of Agriculture offers baccalaureate degree programs in a wide range of areas. The 4-year curricula that lead to the B.S. degree are:

*Agricultural Business Administration* (B. of Ag. Bus. Adm.); *Agricultural Science and Industries* (with majors in agricultural economics, agricultural education, agricultural engineering technology, agronomy, animal science, entomology, horticulture, plant pathology, and soil science); *Communication Science* (with majors in agricultural journalism and technical communication); *Fisheries and Wildlife*; *Food Science and Nutrition* (with areas of emphasis in chemistry, industrial engineering, management, microbiology, nutrition, and public health); and *Resource and Community Development* (with majors in landscape architecture [B. of Landscape Architecture], recreation resource management, resource economics, and soil and water resource management).

*Preveterinary medicine* requirements for admission to the professional school may be completed in this college with faculty advising provided by the College of Veterinary Medicine.

**Admission Requirements**—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 or more units in natural science or agriculture.

### College of Biological Sciences

The College of Biological Sciences has as its primary purpose the education of students aiming at careers in the biological sciences. Undergraduate curricula of the college which lead to the Bachelor's degree are designed to assure that the student obtains a liberal education at the same time that he gains a thorough appreciation of the structure of contemporary biological thought. Upon graduation, the student with such a background is well qualified to seek immediate employment, pursue graduate studies in the biological sciences, or enter professional schools of medical and agricultural sciences.



**Admission Requirements**—Students enter the College of Biological Sciences at the completion of their sophomore year and, therefore, must have met the requirements of the college in which they were enrolled for their Lower Division (freshman and sophomore) work. However, it is strongly recommended that students who wish to be degree candidates in biology obtain a background in mathematics, physics, chemistry, and biology as early as it can be scheduled.

Even though students do not register in the College of Biological Sciences for their Lower Division work, as soon as they indicate an interest in biology on their schedules, they are assigned to a professor in the biological sciences to advise them. Since the number of students who wish to enroll in biology may exceed the instructional resources available, it is strongly urged that students submit their admission applications, with the necessary transcripts of previous work, no later than June 15 for fall quarter, October 15 for winter quarter, and January 15 for spring quarter. Please note that these dates are in advance of those in other units of the University. Priority will be given to applications received on or before the dates indicated.

Programs at the graduate level permit the student to pursue both the M.S. and Ph.D. degrees in biology, biochemistry, botany, ecology, genetics, and zoology. The Ph.D. in biology is most often applied for by those students who wish to study in interdisciplinary fields for which degree programs have not been delineated, such as molecular biology, cell biology, developmental biology, and behavioral biology.

## **College of Business Administration**

The College of Business Administration offers basic professional training for positions of responsibility in business. Emphasis in the curriculum is on thorough intellectual education in which fundamental principles of business operation are stressed, rather than specialization in current practices.

The college offers a 2-year program for the junior and senior years. Admission is based on satisfactory completion of a 2-year prebusiness program. Due to an emphasis on the quantitative approach to business, the student is required to complete work in algebra, trigonometry, and calculus prior to entry.

Two degree programs are offered by the college (bachelor of science in business/regular; 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, business functions, management, and quantitative analysis. During the senior year the student takes elective courses to provide depth within areas of his interest, plus additional electives outside the College of Business Administration. Business areas of limited specialization include operations analysis and management, quantitative analysis, industrial relations, insurance, transportation and logistics, accounting, finance, marketing, and business law. 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 Business Administration Bulletin*.

Professional programs at the graduate level which are directly or indirectly related to business administration are: the master of business administration

and the master of arts in industrial relations. These and other graduate degrees are offered by the Graduate School of the University.

For further information regarding programs and admission to the College of Business Administration see the *College of Business Administration Bulletin*.

## Program in Dental Assisting

This program, offered jointly by the School of Dentistry and General College, prepares men and women to perform a variety of duties as dental assistants. The program permits the student to attain three major objectives all in 1 year: (a) a general education, (b) supervised training as a dental assistant, and (c) education requirement for certification as required by the American Dental Association.

Students will register in General College, and the 11-month program qualifies them for a certificate in dental assisting. Credits earned during this year may also be applied toward the requirements for the 2-year associate in arts (A.A.) degree. The additional year of work may be taken before or after the year in dental assisting.

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

This program begins in the first term of Summer Session, and application deadline is April 15.

## Program in Dental Hygiene

Beginning only in the fall, this program for men and women comprises 2 academic years of work in the School of Dentistry with concurrent courses in the College of Liberal Arts. The program qualifies its graduates to work in dental offices, public health agencies, public schools, and hospitals. Upon receiving the Graduate Dental Hygienist (G.D.H.) degree, the graduate must obtain a license by passing an examination in the state in which he or she wants to work.

The course work in this program may be applied toward a baccalaureate degree through University College.

**Admission Requirements**—The requirements for admission to the 2-year Program in Dental Hygiene are similar to those for the College of Liberal Arts. High school chemistry is required, and typing and geometry are recommended. (One quarter of college chemistry can be substituted for the high school requirement.) College transfer students who have completed biology and 2 quarters of freshman English are given preference. Applicants may be men or women 18 years or older. The program begins fall quarter, and the application deadline is April 15.

## School of Dentistry

**Dentistry Program**—A minimum of 2 years of predental course work in an accredited liberal arts college is required for admission to the program leading to the doctor of dental surgery (D.D.S.) degree but 3 or more years of liberal arts study are preferred. A grade average of C or higher is necessary to be considered for admission and should include approximately 12 quarter credits

of English, 10 quarter credits of general zoology or general biology, 12 quarter credits of physics, 12 quarter credits of general chemistry, and 8 quarter credits of organic chemistry to include both the aliphatic and aromatic series. The science courses must include both lectures and laboratory work. Applicants are required to demonstrate by college validation or college credit a background in mathematics at least through college algebra. In addition, a dental aptitude examination is required of all applicants. Further details concerning entrance requirements and suggestions regarding appropriate elective courses can be found in the *School of Dentistry Bulletin*.

**Continuation Study Program**—The School of Dentistry regularly offers a series of continuation courses in various phases of dentistry and dental assisting and dental hygiene. These courses are intended to meet the needs of the profession for special material not covered in the undergraduate curriculum and in new developments in research and clinical procedures. Sessions usually are 3 days to 1 week in duration, and in many areas clinical practice is included. Special brochures listing courses, dates, and costs are available to those requesting that their names be placed on the mailing list. Inquiries should be mailed to Robert D. Jeronimus, Director, Department of Continuing Education, School of Dentistry, 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, doctor of philosophy degrees, and the specialist certification. 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 Student Personnel Office in 206 Burton Hall.

The college has been able to accept most qualified students even though quotas and limited enrollment procedures have been established in elementary education, secondary academic teaching areas, physical education, recreation and park administration, and art.

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

All limited enrollment 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 mid-year should obtain current transfer information for the major field of interest. Applications for fall admission 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 winter or spring quarter admission must be received no later than the end of the first week of the preceding quarter.

Students who wish to prepare for teaching in art, business, distributive, industrial, music education, music therapy, physical education, and recreation and park administration 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 enter the College of Liberal Arts where they complete a 2-year preparatory curriculum

before applying for transfer to the College of Education. Due to enrollment limitations, the Admissions Committee cannot accept all applicants who meet minimum requirements.

Students wishing to teach in any academic field in junior and senior high schools register for their first 2 years in the College of Liberal Arts. They complete the required prerequisite courses for their academic majors as well as work in general education. Upon completing 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 and 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 in the St. Paul area of the University offers Bachelor's degrees in a wide range of subject areas and, in some fields, advanced professional degrees. The 4-year courses that lead to the B.S. degree are Forest Resources Development; Forest Science; Forest Products; Recreation Resource Management.

**Admission Requirements**—High school graduates with a College Aptitude Rating (CAR) of 50 or better may enter if they have completed 12 units in grades 10-12. The CAR is an average of the high school rank percentile score and the percentile ranking on a specified college aptitude test. Nine of the high school units should be chosen from offerings in English, social studies and history, mathematics, and natural science including 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 in natural science.

## General College

A student enrolled in the General College pursues a course of study individually planned in consultation with an adviser, selecting subjects from a free-choice curriculum. He may design a 2-year program in general education culminating in the associate in arts degree. He may transfer to another unit of the University with advanced-standing credit if the quality of his work is considered acceptable by the college of his choice. (The amount of advanced-standing credit varies according to the program the student enters.)

General College students may combine general education courses with instruction in such occupational fields as electronics technology, dental assisting, marketing, law enforcement, legal paraprofessional work, human services, and recreation for special groups. Credits earned in these occupational sequences, and in some cases through work experience, can be applied toward the requirements for the associate in arts degree. Students who have completed post-high school study at public or private vocational education institutions should inquire at the General College Student Personnel Office, 10 Nicholson Hall, about the possibility of receiving degree credit for this work.

The associate in arts degree is granted for 2 years of work (90 credits) and satisfactory performance on a comprehensive examination.

The General College also accepts a limited number of students seeking to follow special courses of study which extend into third- and fourth-year work at the University, and which may culminate in a baccalaureate degree. Students

wishing to submit proposals for courses of study extending beyond the first 2 years of college should make inquiry at the Student Personnel Office.

**Admission Requirements**—Depending on the availability of space, the General College is open to any resident of Minnesota who is a high school graduate (or equivalent) and for whom its courses and student personnel services are appropriate. Non-high school graduates who perform satisfactorily on scholastic aptitude tests also may apply for admission.

## Graduate School

Persons who hold a Bachelor's degree or its equivalent from a recognized college or university may apply for admission to the Graduate School for work leading to the Master's and Ph.D. (doctor of philosophy), and Ed.D. (doctor of education) degrees. The Graduate School also offers the specialist certificate in a number of fields. (See the *Graduate School Bulletin* for statements of 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, 322 Johnston Hall, Minneapolis, Minnesota 55455, and should specify the proposed major field, except for the Duluth Campus, where application materials may be obtained by writing the Graduate School, Administration Building, University of Minnesota, Duluth, Duluth, Minnesota 55812.

## College of Home Economics

The College of Home Economics offers baccalaureate degree programs in a wide range of areas. The 4-year curricula that lead to the B.S. degree are: Consumer Aspects of Household Equipment; Consumer Food Science; Costume Design; Dietetics and Community Nutrition; Design; Family Relationships; Fashion Merchandising; Foods and Nutrition Science; Food Science and Technology; General Home Economics; Hospitality and Food Service Management; Housing; Interior Design, 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 of Consumer Homemaking, Family Living, and Occupations-Food Service.

**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; 3 units in English, 1 unit in elementary algebra, 1 unit in plane geometry, and 1 unit in higher algebra or equivalent courses are required.

## Law School

The Law School offers the professional degree of juris doctor (J.D.). The course of study provides the basic preparation for the practice of law, for public service in law, for law teaching, and for law-related corporate work. The J.D. program consists of 3 academic years.

Admission to the Law School requires a bachelor of arts degree or its equivalent. The degrees of bachelor of science and bachelor of business ad-

ministration with a well-balanced program will be accepted as the equivalent of a B.A. degree.

Details with respect to admission, requirements generally, and the Law School may be found in the *Law School Bulletin*. Attention is directed to the fact that a student's prelaw scholastic record and the results of the Law School Admission Test given by the Educational Testing Service at Princeton, New Jersey, will be considered in determining his admissibility.

## College of Liberal Arts

Students enroll at the University to gain educational experience that strengthens their understanding of the world and its societies, to expand their use and enjoyment of literature and the arts, to refine their choices between the honest and the fraudulent, to develop their recognition of responsibility for social and humane service—objectives that grow from the concept "liberal education." All such goals go side by side with preparation for careers; they are vital in the education of young men and women toward the lives they hope to lead.

No two College of Liberal Arts students, seeking these goals, follow exactly the same path. But all combine work in the humanities, the social sciences, and the natural sciences (including mathematics), with concentration in majors chosen from the more than 50 CLA departments and programs.

**Degrees**—Five degrees are authorized in CLA: 4-year bachelor of arts, bachelor of fine arts, bachelor of science, and the experimental bachelor of elected studies degrees, and the 2-year associate in liberal arts degree.

**Bachelor of Arts**—This 4-year program, the one most widely followed in the college, combines broad general education with major work in one or sometimes two or more of the areas listed below. Foreign language study is required for this degree, under one of two options (one emphasizing language study, the other made up in part of related cultural courses). Majors may be earned in these fields:

Afro-American studies, American Indian studies, American studies, anthropology, architecture, art history, biology,\* biometry, chemistry, child psychology, communication disorders, computer information, and control sciences, East Asian languages, economics, English, French, geography, geology-geophysics, German, Greek, history, humanities, interdepartmental, international relations, journalism and mass communication, landscape architecture, Latin-American studies, linguistics, mathematics, microbiology, Middle Eastern languages, music, philosophy, physics, physics and astronomy, physiology, political science, Portuguese, pre-theology, psychology, religious studies, Russian, Scandinavian languages, social welfare, sociology, South Asian languages, Spanish, speech-communication, statistics, studio arts,\* theatre arts, urban studies.

**Bachelor of Fine Arts**—This program offers professional preparation for talented students who look toward careers in music, art, or theatre. The program combines breadth of background with specific concentration in preparing students to become practicing artists, performing musicians, or professionals or teachers in community or commercial theatre. Review by the B.F.A. Committee is necessary before final admission to the program. Restrictions for the Studio Arts B.F.A. are those described above.

\* Because of limitations on space and teaching staff, admission at the junior or senior year to these two majors may be restricted; it is important to apply early, preferably by April 15 for fall admission.

*Bachelor of Science*—Relatively new in the college, this program is offered by three departments—economics, statistics, urban studies (more may be developed). Greater specialization is possible than in the B.A. program.

*Bachelor of Elected Studies*—This program permits students wide freedom of choice in working toward degrees. It prescribes the quality and quantity standards of other 4-year degrees, but it leaves selection of courses and degree of concentration entirely to its students. Instituted in 1971 as an experimental program, it is limited to 500 entrants (primarily freshmen and sophomores) a year. Selection among applicants is made by lot, after registration in the college. A student may not be admitted to the college specifically for this program.

*Associate in Liberal Arts*—This degree recognizes successful completion of 2 years' work in the college. It ordinarily requires completion of 90 credits in 6 or 7 quarters of residence, with distribution of work in fields of study contributory to a liberal education. Hundreds of freshmen and sophomore courses are available for selection.

**Interdepartmental Programs, Cross-Disciplinary Studies, and Special Opportunities**—Students whose needs are not met by these majors may plan interdepartmental programs. These programs, tailor-made to individual needs, bring work from different areas into integrated patterns.

The Council for Cross-Disciplinary Studies provides multidisciplinary programs centered around single themes. Program themes are structured for both year-long and single-quarter "packages." Courses are selected to meet the college's distribution requirements.

The college's Office for Interdepartmental Majors and Programs (114 Johnston Hall) aids in planning such programs. The Office for Special Learning Opportunities (105 Johnston Hall) provides information about other types of study possibilities: independent study, credit by examination, directed study, and the like.

**Combined and Preprofessional Programs**—In cooperation with other University colleges, the Arts College offers a 7- to 8-year program in *arts and medicine* leading to B.A. and M.D. degrees; a 6- or 7-year course in *arts and dentistry* leading to B.A. and D.D.S. degrees; and a 5- or 6-year course in *arts and architecture* leading to B.A. and B.Arch. degrees.

Preparation for entering Graduate School is offered in the fields named above and in public affairs, library science, and social work.

Basic liberal education required for admission to some of the University's professional schools and colleges (1 to 3 years) is offered by the college. These units are the Medical, Law, Dentistry, and Nursing Schools and the Colleges of Pharmacy, Biological Sciences, Education and Business Administration. Liberal arts preparatory work is also required for programs in medical technology, occupational and physical therapy and mortuary science.

**Honors Programs**—Honors opportunities are offered by the college for highly qualified and well-motivated students: special advisers, honors sections and courses, honors colloquia and seminars, independent study, admission to advanced courses, arrangements to attend cultural events, participation in community activities. Qualified entering freshmen are invited to apply for honors work (top-rank high school seniors may initiate their own inquiries). Transfer students must present and maintain at least B work for eligibility.

**Admission Requirements**—Candidates for admission to the college must present college aptitude ratings (CAR) of 50 or higher (CAR is the average of

a student's high school percentile rank and his percentile rank among university freshmen on a college aptitude test).

Applicants must complete 12 units in the last 3 years of high school, at least 9 of them in English, social studies and history, mathematics, natural science, and foreign language; 3 should be in English, 2 or more in mathematics (including 1 in plane geometry), and 2 or more in one of the other specified areas. Appropriate mathematics and foreign language courses completed before 10th grade may count toward these requirements, but not among the 12 units required in the last 3 years.

The college advises those who plan programs in mathematics, business, or medical or other sciences to complete as much high school mathematics as they can. It also urges those who seek B.A. degrees to complete 3 or more years of one foreign language.

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

Applicants for the bachelor of fine arts degree are subject to the admission requirements stated above and to critical review, before their junior year, of their special abilities in the fields they hope to enter.

## Medical School

**Course in Medicine**—This program of study leads to the degree of doctor of medicine (M.D.), and provides basic preparation for the practice of medicine, for public health service, for medical teaching, and for medical research. 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 constitutes 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. The *Medical School Bulletin* gives details of entrance requirements, suggests appropriate course sequences, and outlines application procedures. Students interested in medicine are also encouraged to consult the annual "Admission Requirements" book of the Association of American Medical Colleges, and counseling personnel in the Medical School office (1305 Mayo Memorial Building).

**Medical Technology Course**—This course, 4 years leading to a B.S. degree, provides basic preparation for work in clinical and research laboratory procedures used in hospitals, clinics, physicians' offices, and for teaching in training programs for medical technologists.

After 2 years in the Arts College, the student transfers to 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 the Registry of Medical Technologists (ASCP) and for membership in the American Society of 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 which focuses primarily on the selection and application of appropriate assess-



ment 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 aspects 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 Arts College work, the student must make application to enter the professional program in the Medical School, Department of Physical Medicine and Rehabilitation. Professional courses include theory and application of physical therapy procedures as well as 4½ months devoted to clinical experience in physical therapy departments affiliated with the University. The program is approved by the Council on Medical Education of the American Medical Association and 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 disability. The program is open to both men and women. Personal qualifications include creativity, ingenuity, and an interest in human behavior, medicine, helping others, and teaching. 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. The student then applies for transfer to the professional course in the Medical School where 6 months of clinical practice are required during the senior year. The total course, which includes one summer session, 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.

Consult the *Occupational Therapy Bulletin* for details pertaining to entrance requirements, appropriate course sequences, and application procedure.

**Continuation Study Program**—A series of postgraduate courses are offered to give the physician and his 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 Continuing Education and Extension, and 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 4-year 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 as 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.

Students recommended for the degree must satisfy the following requirements:

1. Minimum Credits—180
2. Completion of the freshman and sophomore liberal education requirements in the categories of Communications, Languages, and Symbolic Systems; Physical and Biological Sciences; Man and Society; and Artistic Expression for a total of 90 quarter credits. Refer to the specific requirements in each area listed in the *Mortuary Science Bulletin*.
3. Completion of the basic core curriculum in mortuary science.
4. Completion of a minimum of 15 quarter credits in Upper Division courses exclusive of prerequisites and electives in the Department of Mortuary Science.
5. A "C" average: (a) in all work presented from the University and in toto, (b) in all work done while in the Department of Mortuary Science, and (c) in all courses in mortuary science.

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 entrance to the Department of Mortuary Science the student must have completed 90 quarter credits with a C average in the College of Liberal Arts of the University or any other accredited university, college, or junior college. Because of the sequence of courses, students should plan to enter in the Summer Session or fall quarter.

## School of Nursing

**Baccalaureate Programs**—The professional nursing program requires successful completion of 13 quarters of college study to earn the degree of bachelor of science in nursing. The program prepares for the practice of professional nursing in first-level positions, and provides foundations requisite to enabling graduates to gain additional understanding and proficiency through postbaccalaureate study and informed participation in nursing care.

Students who have had no prior preparation in nursing as well as qualified graduates of preparatory programs in nursing that have led to a diploma or an associate degree 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. The *School of Nursing Bulletin* gives details of entrance requirements, application procedures, and courses.

After admission to the School of Nursing, the required courses are offered in sequence beginning fall quarter. At a minimum, 3 academic years plus a summer of study are required for completion. Students pursue concurrent general and professional education. In general, transfer credits for nursing courses taken elsewhere will not be granted toward specific requirements of this degree. The *School of Nursing Bulletin* gives details of entrance requirements, application procedures, and courses.

**Master of Science Program in Nursing**—This is a Plan B Master's program offered by the Graduate School. Upon successful completion of requirements candidates receive a master of science degree. The program provides a major

in medical-surgical nursing of childbearing and childrearing families together with the option of preparation for teaching or clinical leadership. Approved applicants are admitted fall quarter of each year. Completion of the program requires 2 academic years of study. 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 which must be preceded by 2 years of a preprofessional program. The prescribed courses (see *College of Pharmacy Bulletin*) for the prepharmacy program must be completed in the College of Liberal Arts or similar courses in other accredited colleges. Upon completion of the prepharmacy course work, the student applies for admission to the College of Pharmacy to complete 3 years of professional study.

The doctor of pharmacy (Pharm.D.) degree is a professional degree offered to selected candidates who have either completed the fourth year of the 5-year curriculum of an accredited College of Pharmacy or who have been awarded a B.S. or advanced degree in pharmacy and/or related field. Candidates for admission will be evaluated on the basis of prior academic or professional achievement, letters of recommendation, and personal interview whenever feasible. The goal of the Pharm.D. program is to initiate training of a clinical therapeutics specialist with a genuine, sustained interest in patient care.

## School of Public Health

Advanced courses for specialists in a number of public health fields 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.

**Alcoholism and Other Drug Abuse Counseling**—This certificate program is designed to prepare lay persons, whose work brings them into direct counseling contact with alcoholics and other drug abusers, in the basics of alcoholism, drug abuse, and counseling. The course work in this program is also intended to meet the growing need and demand for continuing education in this field by physicians, public health nurses, social workers, pharmacists, psychologists, clergymen, law enforcement personnel, educators, and other professionals. The program consists of three basic courses. Students desiring to qualify for the certificate must also complete a 6-month rotating internship under professional supervision in approved and affiliated institutions. A student, meeting other requirements, may apply these credits toward a 2-year degree through the University's General College or toward a 4-year degree program in other colleges of the University. The program is offered through the University's Continuing Education and Extension Department of Evening Classes in cooperation with the Department of Pharmacology of the Medical School and with the School of Social Work.

**Biometry**—Students with suitable academic and professional background may earn the M.P.H. degree in biometry through completion of a 12-month program, beginning with the first term of the Summer Session, with emphasis on health statistics. Students with no previous experience would be expected to be in residence for a period of up to 2 years. Students with interest in mathematics and health sciences may work toward an M.S. or Ph.D. in biometry spe-

cializing in biomedical statistics, mathematical biology, or health computer science. A satisfactory background for all biometry programs generally includes mathematics, preferably through integral calculus; the social sciences; and the natural sciences, particularly biology. An undergraduate major is available through the College of Liberal Arts.

**Dental Public Health**—An 11-month program leading to the M.P.H. degree is designed to prepare a select group of dentists and dental hygienists for responsible involvement and leadership roles in comprehensive community health programs. The program of study allows a student to concentrate on areas of personal interest in preparation for a career in research, administration, or teaching.

**Epidemiology**—Students with adequate background in the biological and physical sciences may work toward a Master's degree in epidemiology. Specialized training leading to the degree of Ph.D. is competitively available to qualified graduates in medicine, dentistry, and veterinary 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, 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, leads to the M.P.H. degree. Qualified students with or without prior experience may also work toward M.S. or Ph.D. degrees in environmental health. Course work is available in such areas as air pollution, institutional environmental health, radiological health, occupational health, water hygiene, liquid and solid wastes, food hygiene, environmental biology and microbiology, injury control, administration, or 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 who have an adequate background in basic health sciences, education, and social sciences, and suitable experience in public health or a related field, can earn the M.P.H. by 7 quarters or more of work in community health education. The course combines academic work, concurrent community laboratory experience, and field practice in community agencies.

**Hospital and Health Care Administration**—A 21-month program leads college graduates to a degree of master of hospital administration. In addition to Master's level academic work of preparation for chief executive officer positions in general hospitals, there are opportunities for qualified applicants to specialize in other areas of health services administration such as mental health administration or long-term care (nursing home) administration. The program usually requires 1 academic year and the first summer term of formal instruction. In most cases, the remaining time is spent in a hospital or other health service organization as an administrative resident. Students interested in comprehensive health planning will spend 2 academic years and 1 summer session on campus with the summer practicum in a health care or planning organization. Suitably qualified students interested in other health administrative careers may follow a similar training program. A limited number of qualified applicants is also selected who may take the required academic work

over a longer period of time while remaining employed full or part time. Suitably 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 program of study in public health. The curriculum, while remaining as flexible and individually adaptable as possible, will be directed at helping the student acquire a broad perspective of the field of public health; receive specific public health course work and nonhealth and health-related course work in other fields relevant to his interdisciplinary professional needs; and obtain knowledge and skills directly applicable to his professional duties or career plans. To successfully complete this program, students must demonstrate competence in the same five fundamental areas of knowledge required for the M.P.H. degree. Normally, because the program involves acquiring the basic knowledge and skills from two or more programs, students should plan to be in residence more than the 11-month minimum.

**Maternal and Child Health**—Physicians and dentists interested in working in community health programs for young children, youths, and their parents may enroll in a 9- or 11-month course of study leading to an M.P.H. degree.

**Occupational Therapy**—Students with a professional background in occupational therapy and 2 years' experience are admitted to a 15-month program developed in collaboration with the Department of Physical Medicine and Rehabilitation and leading to a Master's degree.

**Physical Therapy**—Students with a professional background in physical therapy and 2 years' experience are admitted to a 15-month program developed in collaboration with the Department of Physical Medicine and Rehabilitation and leading to a Master's degree.

**Physiological Hygiene**—University graduates with an adequate background in biological and health sciences, or qualified graduate physicians pointing toward research or preventive medicine careers may become candidates for training leading to Masters and Ph.D. degrees in physiological hygiene or applied physiology. The program provides 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**—A year or more of graduate work in public health theory and practice, open to physicians as well as lay persons who are already employed in health administrative positions, leads to the M.P.H. degree. Special emphasis in administration of maternal and child health programs is also available to physicians.

**Public Health Nursing**—Baccalaureate graduates in nursing who wish advanced preparation in public health nursing and who meet entrance requirements are admitted to programs leading to either the master of public health or master of science degree. The M.P.H. program is intended for nurses with public health experience whose main interest is in administrative, consultant, or senior supervisory positions. The M.S. program with public health as the area of concentration offers opportunity for study in related fields and is designed to prepare nurses for advanced practice or for a variety of leadership positions, including teaching public health nursing in a collegiate school of nursing. Men-

tal health is an integral part of the public health nursing core content. Clinical subspecialty areas are available in long-term patient care, school nursing, ambulatory child health care, and care of the mentally ill in the community. All programs for public health adult and geriatric health nursing are 2 academic years in length.

**Public Health Nutrition**—Students with a professional background in nutrition, dietetics, or related fields are admitted to a 12-month program leading to the M.P.H. degree. Prior experience in institutional or community nutrition programs is not required but is highly desirable.

**Veterinary Public Health**—A 12-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. One year of experience in veterinary medicine is desirable. In addition to core courses, areas of special interest may be emphasized.

## Institute of Technology

The Institute of Technology offers various programs leading to the Bachelor's degree in its several departments and schools. The departments and schools and the degree curricula they offer are tabulated below.

- College of Engineering
  - Department of Aerospace Engineering and Mechanics
  - Department of Agricultural Engineering
  - Department of Chemical Engineering and Materials Science
  - Department of Civil and Mineral Engineering
  - Department of Electrical Engineering
  - Department of Mechanical Engineering
  - Department of Chemistry
  - Department of Computer, Information, and Control Sciences
- School of Architecture and Landscape Architecture
  - Architecture
  - Landscape Architecture
  - Environmental Design
- School of Earth Sciences
  - Geology
  - Geophysics
- School of Mathematics
- School of Physics and Astronomy

All programs in the Institute of Technology are 4-year programs, with the exception of those offered by the School of Architecture and Landscape Architecture. The School of Architecture and Landscape Architecture offers a 5-year program in IT, and a 6-year program in cooperation with the College of Liberal Arts, in addition to a 4-year program in Environmental Design.

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 through cooperation with nearby industrial concerns. During part of their collegiate programs, students in the intern curriculum are on a 12-month basis and spend alternate quarters in industry. While on the work assignments students are paid at regular rates by the company.

An industrial engineering option is available to students in mechanical engineering.

Also offered are combined curricula with the Graduate School, the Law School, and the College of Education. In some cases this may lead to two degrees.

For further information regarding these various programs see the *Institute of Technology Bulletin*.

**Admission Requirements**—Students wishing to enter the Institute of Technology (commonly called "IT") must complete topics in high school mathematics; courses in physics and chemistry are strongly recommended. If these courses are unavailable in the student's high school, students may be admitted in exceptional cases and be required to make up such courses immediately upon entrance to IT. Requirements for admission to IT include the following:

### 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 beginning with the 1974-75 school year:

- a. Students who have a high school rank of 90%ile or above or a high school GPA of 3.20 or above and who have completed physics and chemistry and 4 years of mathematics will be admitted automatically with no further tests required.
- b. Any student who wishes may submit his application based on an IT Aptitude Rating computation. The equation used involves high school percentile rank and ACT test scores. The equation is as follows:  $ITAR = HSR (\%ile) + 2 (ACT\text{Math} + ACT\text{NatSci})$ . Students with an ITAR of 180 or above will be admitted routinely provided they meet the course requirements. Others will have their applications carefully reviewed on an individual basis.
- c. Should a student desire, he may present in lieu of the ACT test the Mathematics and Verbal test scores of the Scholastic Aptitude Test (SAT) of the College Entrance Examining Board. Such applicants must also present a high school rank or high school grade point average. For such students IT will be looking for high school ranks of 60%ile or above and the combined total test score on the SAT Mathematics and Verbal of 1100 or higher.
- d. Students coming from high schools where no high school rank and no high school GPA are available will be required to submit ACT test scores and the Verbal and Mathematics SAT test results.
- e. Early Admissions—IT will recognize excellent academic performance by admitting any high school applicant to IT who has completed his junior year of high school, has a high school rank of 90%ile or above, a GPA of 3.20 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. Early admissions remain valid until a student completes his senior year in high school. This action is effective for students in their junior year of high school in 1972-73 and for following classes. Application may be made by current juniors beginning April 1, 1973.

A student not eligible for admission directly may apply for transfer after 1 or more years of satisfactory work in some other college, such as a local junior college, a liberal arts college, or other colleges of the University. Students who enter another college hoping to transfer later to IT must consult with the counselors in that college at the very beginning of the school year in order to plan for this transfer and to receive help in planning their programs in relation to this goal.

## University College

The name University College means many things to many people because under this single rubric are several degree-granting units, 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 of collegiate scope. With the exception of the inter-college 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 which have completed their experimental phase will go under some other auspices. Presently, University College has four actual or potential degree-granting programs: The Inter-College Program, the Experimental College, University Without Walls, and Students' College.

**The Inter-College Program** draws from the entire University for its courses and has no fixed curriculum. An applicant for admission arranges a study program, including suitable amounts of work in two or more colleges of the University, which fits his or her individual needs. Applicants should be at least third-quarter sophomores who have completed 1 full quarter or its equivalent at the University of Minnesota. Students may work toward either a B.S. or a B.A. degree.

**The Experimental College** (1507 University Avenue S.E.) is a learning community of students and staff which admits both freshmen and more advanced undergraduates. Student programs are individually designed and negotiated with other students and staff members in quarterly learning contracts. There are no formal courses as such, but the student may include in his or her program formal courses from other colleges of the University. The Experimental College strives primarily to maximize the individual student's freedom, while also expecting a student to participate in the governance of the college and in the attempt to create an interdepending-learning atmosphere in the college.

**University Without Walls** (331 Nolte Center for Continuing Education) serves undergraduate students who are geographically isolated, physically handicapped, restricted by responsibilities and financial obligations, or facing other insurmountable barriers to participation in traditional undergraduate programs. The UWW staff is able to arrange alternative educational experiences for a limited number of such students.

**Students' College** (University of Minnesota, Duluth) offers students an opportunity to work in and manage human service delivery programs in the Duluth area as part of their academic program.

University College also makes available to students from every undergraduate college in the University an opportunity for off-campus independent study. A student may earn from 3 to 15 degree credits by registering for independent study projects under UC 3075. The student designs his own project and works with an appropriate faculty member who supervises and evaluates the project.

Another opportunity for involvement in interdisciplinary educational experiences is available through the *Living-Learning Center* (1425 University Avenue S.E.). The center is a service unit of University College designed to assist students, faculty, and community persons, individually or in small groups, to develop and carry out off-campus field study projects.

Information about University College is available in 105 Walter Library, University of Minnesota, Minneapolis, Minnesota 55455.



## College of Veterinary Medicine

**Veterinary Medicine Program**—The program of study offered by this college leads to the degree of doctor of veterinary medicine (D.V.M.) and provides basic education and knowledge for career opportunities in the practice of large and small animal medicine, teaching, research, public health service and animal disease control activities, the armed services, laboratory animal medicine, and other general areas of interest. The program leading to the D.V.M. degree requires at least 2 years of preprofessional collegiate study in specified areas, in addition to 4 years of professional study in the College of Veterinary Medicine.

Students interested in veterinary medicine are encouraged to write to the Office of Admissions and Records, 130 Coffey Hall, University of Minnesota, St. Paul, Minnesota 55101, or Office of the Dean, College of Veterinary Medicine, University of Minnesota, St. Paul, Minnesota 55101 for the *College of Veterinary Medicine Bulletin* which outlines entrance requirements, the minimum preveterinary medical course requirements, and application procedures.

Students may take their preprofessional program at any accredited institution which offers the required courses. Faculty advising will be provided by the College of Veterinary Medicine for pre-veterinary medicine students enrolled in the College of Agriculture. Additional course work beyond the minimum requirements may provide a better preparation for the development of an individual toward his professional goal. Inquiries for special information should be addressed to the Office of the Dean, College of Veterinary Medicine.

**Continuation Study Program**—The continuing education program offers a series of courses and programs intended to provide the most recent developments in the several areas of veterinary medicine and to meet the needs of the profession. Special brochures and announcements, listing courses, dates, and costs, are available to those veterinarians requesting that their names be placed on the mailing list. Inquiries should be addressed to the Office of the Dean, College of Veterinary Medicine, University of Minnesota, St. Paul, Minnesota 55101.

## OTHER STUDY OPPORTUNITIES IN THE UNIVERSITY

### Continuing Education and Extension

**Continuing Education**—In all fields of academic inquiry encompassed by the University, opportunities for 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, University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-3900).

**Classes for Adult or Special Publics**—Evening and week-end 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 courses 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 handle college work. There are specific admis-

sion requirements for University degree programs, some of which can be completed entirely in extension classes. Address: 170 Wesbrook Hall, University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-3195).

**Community Programs**—In cooperation with various communities in the Twin Cities area, community-located degree credit course programs are offered in response to needs and interests of community residents. Tuition is based on student's ability to pay. Counselors are available in the classes. Address: 150 Wesbrook Hall, University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-0045).

**Independent (Correspondence) Study**—High school, college, and general courses are offered through home study 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 degree concerned. Correspondence courses may be started at any time and are open to anyone, no matter where he lives. Address: 25 Wesbrook Hall, 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 should be directed to the Counseling Office, 314 Nolte Center, 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: 131 Nolte Center, University of Minnesota, Minneapolis, Minnesota 55455 (telephone 373-3151).

Divisions, departments, and programs of Continuing Education and Extension are:

- Arts, Continuing Education in, 320 Wesbrook Hall, University of Minnesota, Minneapolis, Minnesota 55455 (373-4947)
- Audio-Visual Extension, 2037 University Avenue S.E., University of Minnesota, Minneapolis, Minnesota 55455 (373-3810)
- Business Education, Continuing, 334C Business Administration Building, University of Minnesota, Minneapolis, Minnesota 55455 (373-3680)
- Civil Defense Education, 1633 Eustis Street, University of Minnesota, St. Paul, Minnesota 55108 (373-4851)
- Community Programs, 150 Wesbrook Hall, University of Minnesota, Minneapolis, Minnesota 55455 (373-0045)
- Conferences, 131 Nolte Center, University of Minnesota, Minneapolis, Minnesota 55455 (373-3151)
- Counseling, 314 Nolte Center, University of Minnesota, Minneapolis, Minnesota 55455 (373-3905)
- Delinquency Control Program, 323 Walter Library, University of Minnesota, Minneapolis, Minnesota 55455 (373-2726)
- Dental Education, Continuing, 4 Owre Hall, University of Minnesota, Minneapolis, Minnesota 55455 (373-7960)
- Duluth Continuing Education and Extension, 431 Administration Building, University of Minnesota, Duluth, Duluth, Minnesota 55812 ([218] 724-8996, 726-8113)
- Extension Classes, 170 Wesbrook Hall, University of Minnesota, Minneapolis, Minnesota 55455 (373-3195)
- Education, Continuing Education in, 101 Burton Hall, University of Minnesota, Minneapolis, Minnesota 55455 (376-7669)
- Engineering and Science, Continuing Education in, 210 Nolte Center, University of Minnesota, Minneapolis, Minnesota 55455 (373-5057)

- Fire-service Information, Research, and Education Center, 3300 University Avenue S.E., University of Minnesota, Minneapolis, Minnesota 55414 (373-9992)
- Independent Study, 25 Westbrook Hall, University of Minnesota, Minneapolis, Minnesota 55455 (373-3256)
- Labor Education, Continuing, 571 Business Administration Building, University of Minnesota, Minneapolis, Minnesota 55455 (373-4110)
- Legal Education, Continuing, 338 Nolte Center, University of Minnesota, Minneapolis, Minnesota 55455 (373-5386)
- Media Resources, Rarig Center, University of Minnesota, Minneapolis, Minnesota 55455 (373-3177)
- Medical Education, Continuing, Box 193 Mayo Memorial Building, University of Minnesota, Minneapolis, Minnesota 55455 (373-8012)
- Morris Continuing Education and Extension, 200d Education Building, University of Minnesota, Morris, Morris, Minnesota 56267 (612) 589-1464)
- Municipal Reference Bureau, 3300 University Avenue S.E., University of Minnesota, Minneapolis, Minnesota 55414 (373-9992)
- Pharmacy Education, Continuing, 118 Appleby Hall, University of Minnesota, Minneapolis, Minnesota 55455 (373-2186)
- Research, 305 Nolte Center, University of Minnesota, Minneapolis, Minnesota 55455 (373-9775)
- Rochester Continuing Education and Extension, 2120 East Center Street, Building 4, Rochester, Minnesota 55901 (507) 288-4584)
- Social Work, Continuing Education in, 321 Nolte Center, University of Minnesota, Minneapolis, Minnesota 55455 (373-5831)
- Women's Continuing Education Program, 200 Westbrook Hall, University of Minnesota, Minneapolis, Minnesota 55455 (373-9743)
- World Affairs Center, 3300 University Avenue S.E., University of Minnesota, Minneapolis, Minnesota 55414 (373-3799)

## Reserve Officers' Training Corps

The Reserve Officers' Training Program gives college male students an opportunity to qualify for commissions in one of the services—Army, Navy, Air Force, and Marine Corps. Student eligibility for the ROTC program includes registration in academic courses leading toward degrees, United States citizenship, and physical and academic qualifications. Competitive scholarships are available to students enrolled in a 4-year ROTC curriculum as well as to outstanding high school students. Students interested in the specific requisite qualifications and curriculum of each service are referred to the *Army-Navy-Air Force ROTC Bulletin*. An Air Force ROTC program is also offered at the Duluth Campus.

## Summer Session

Two terms of regular University courses are offered each summer. A maximum of 9 credits or two 5-credit courses is considered a full program for either term. A full quarter's work can be completed in 2 summer terms.

Most major divisions of the University offer summer courses.

Courses are offered in Minneapolis, St. Paul, Duluth, Morris, Crookston, Waseca, and at the Forestry and Biological Station in Itasca State Park.

# POST-ADMISSION PROCEDURES AND SERVICES

## Entrance Health Requirements

Students admitted to colleges on the Twin Cities Campus of the University will be mailed a memorandum outlining the health recommendations and requirements of individual colleges and a "Health and Fitness Statement" form, which newly admitted students should request their physicians to complete. The completed "Health and Fitness Statement" form, along with the health history information provided during new-student orientation, will become a part of each student's permanent medical record and will assist Health Service physicians to provide high quality care for him when he needs it while at the University.

The completion of the "Health and Fitness Statement" form by a physician is a requirement for students registering in the College of Education or Mortuary Science and for those planning to participate in intercollegiate athletics or take a physical education course. For students registering in School of Dentistry, School of Nursing, College of Education, or Department of Mortuary Science, a tuberculin test and/or chest X-ray taken within 1 year of admission is required. These tests are offered without charge during Welcome Week and the first 2 weeks of classes of each quarter at the University Health Service.

## 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 for first-quarter courses, testing, counseling, and group discussion sessions. 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 his invitation to orientation from the college he 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 material, assist in locating campus buildings, and answer individual questions. The new student completes registration after an individual appointment with a faculty member and 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 usually scheduled just prior to the beginning of the quarter, and can usually be completed in 1 day. Students are notified by their colleges of their orientation date.

**Two-Day Retreats**—As an alternative to the on-campus orientation program described above, the Orientation Office sponsors an optional weekend retreat

experience on specified dates during the registration period prior to fall quarter. New students may choose to attend this retreat at a campsite near the Twin Cities; they then return to campus for course registration on Monday. Freshmen, upperclass students and outstanding faculty members participate in the weekend of dialogue about the role of the University and the student in personal, intellectual, and vocational development. Information on this program is mailed to new students in May.

**Welcome Week**—Scheduled for the week 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. Like the 2-day retreat, it offers a head start on a college career—a chance to gain insights into both practical and philosophical aspects of life at a great University.

In a series of lectures and debates, nationally recognized speakers and faculty and students representing differing points of view discuss the great issues of the day. A related reading list is mailed to incoming students during the summer.

Most colleges which admit freshmen present a college convocation, an excellent opportunity for students to meet deans and faculty in their areas of interest. The first Sunday of Welcome Week is "Parents Day," and includes a convocation with the President of the University, departmental discussion sessions, and a campus tour. Other activities scheduled for the week include a valuable "How to Study" seminar sponsored by the Reading and Study Skills Clinic. Throughout the week, campus organizations offer displays and information on their activities to help new students find the extracurricular groups that match their interests.

**Williamson Weekends**—Later in the year, small groups of new students (especially freshmen) can meet with upperclassmen and faculty members for a weekend of informal discussion at a suburban campsite. The format is much like the 2-day retreat, but these are "one-theme" weekends. Recent discussion topics included ecology, psychic phenomena, perception, educational reform. More details on the 8 weekends, planned for winter and spring quarters, will be announced in the *Minnesota Daily*.

**University-Community Program**—This is an evening program, held in the spring to introduce new students and their parents to University characteristics and 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, drug information, fraternities and sororities, college offices, and other University services.

## **STUDENT SERVICES**

### **Campus Assistance Center**

The Office of Student Affairs established the Campus Assistance Center for all community members with problems—academic, personal, environmental. The professional staff furnishes information, helps identify problems, and/or refers the student to the appropriate University or community offices or departments. The CAC is located in 107 Temporary North of Mines and provides a 24-hour telephone service (373-1234).

## **Counseling Programs**

### ***Student Counseling Bureau***

The services of the Student Counseling Bureau, 101 Eddy Hall (373-4193) and 190 Coffey Hall (373-1140) are provided for those who wish to learn more about themselves as they develop in an educational setting. These services include counseling, testing, assistance in the development of reading and study skills, and an occupational library. About one-third of the University students use the services of the bureau at some point during their college years.

A student is urged to see these services early and not to delay until grades are seriously affected. If you wish to review your progress or obtain assistance in planning your future, you are urged to talk with a counselor at the bureau.

Precollege counseling is available at a small fee to those who have not yet entered the University (no fees are charged University of Minnesota students).

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

Students and faculty from other countries are urged to call at 717 East River Road, or 190M Coffey Hall (International Student Adviser's Office). Staff members in this office offer information and counseling on problems of a personal, financial, and educational nature; act as liaison with foreign governments; assist in meeting the problems of federal, state, and local regulations; and participate in community and campus international programming.

### ***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 Campus colleges, the address is 6 Morrill Hall; in St. Paul, 130 Coffey Hall.

### ***Speech and Hearing Clinic***

Students with speech or hearing difficulties are urged to contact the Speech and Hearing Clinic in 110 Shevlin Hall. Here they may receive free speech and hearing evaluations and consultations. If additional clinical help is needed, the student may receive this in the clinic. After an evaluation is completed, a series of clinical appointments may be arranged during the student's free time. Clinical services are offered by professional staff members in the areas of voice, articulation, stuttering, foreign accent, and hearing. A fee of \$5 per quarter is charged for the additional clinical services. On the Duluth Campus, the Speech and Hearing Clinic is located in 130 Humanities Building and offers free assistance in the same manner described above.

### ***Rehabilitation Services***

The Student Counseling Bureau has a special office that provides information, referral, and some special services for current and prospective students with physical or emotional disabilities. Call 376-3143, or write to Student Counseling Bureau, Rehabilitation Services, N588 Elliott Hall, University of Minnesota, Minneapolis, Minnesota 55455.

The state Division of Vocational Rehabilitation liaison office serves as a link between students' regular vocational rehabilitation counselors and the University, and is intended to be of assistance to the many students attending the University under the state Vocational Rehabilitation Program. Its personnel may also be helpful in adjustment to college training, and in career planning and job placement. Their office is located at N592 Elliott Hall, University of Minnesota, Minneapolis, Minnesota 55455 (376-7026 or 376-7025).

### ***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 adviser who helps him with course and other problems, and some of the schools and colleges maintain employment and job-counseling services as well. Students should discuss with their advisers their academic progress at least two or three times a year.

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

Each college has a faculty committee (some have student members, too) charged with interpreting the regulations of the faculty, or making exceptions to these regulations if warranted. A student should consult the committee if he is in doubt about a college rule or thinks the rule should not apply to him. Committee headquarters are usually in the college office.

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

The Minnesota Women's Center provides informational, educational, and organizational services for undergraduate and graduate students, and for mature women. The program includes counseling, special curricular offerings, a resource collection, workshop and program planning, and a newsletter.

Information and a brochure are available at 301 Walter Library or by calling 373-3850.

## **Food Services**

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

A variety of food service facilities is available. On the East Bank, Coffman Union offers a large self-selection food service with a choice of three dining areas, as well as a fast food restaurant, grill, party facilities, and informal study-dining areas for students bringing their lunches. A major renovation of Coffman food services will continue in 1973-74.

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

On the West Bank a major self-selection facility, Riverbend, and snack bar, The Dinghy, are located in the Auditorium Classroom Building. 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.

## **University Health Service**

The health of the student is a major concern of the University as well as of the individual student.

On the Twin Cities Campus/Minneapolis, complete facilities are provided in the University Health Service building across the street from the University Hospitals on Church Street.

On the Twin Cities Campus/St. Paul, general medical and dental care is available in the Health Service building located on Cleveland Avenue. St. Paul Campus students also have access to the Minneapolis Campus 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 except for prolonged treatment of an elective nature for certain conditions. Medical care is given to a hospitalized student without charge, except for surgery. Students also receive diagnostic laboratory and X-ray services. Physical therapy and X-ray therapy are provided up to a limit of \$250 per quarter. Charges are made on a cost basis for prescription drugs, glasses, and dentistry.

**Hospitalization**—It is the practice of the Health Service to admit to the hospital all students (especially those whose homes are outside the Twin Cities) who are sufficiently ill to require bed rest, even for short periods of time. A student who lives in a residence hall or rooming house usually cannot receive proper nursing care, adequate meals, or sufficient medical care if he remains in his room during an illness. The duration of an illness can be shortened in many instances if treatment is begun early in the course of the disease, thus saving considerable time through prompt hospitalization. Hospitalization for obstetrical care is not included.

Any hospital admission under this program must be in the Health Service Hospital at the discretion of the University Health Service.

**Students Without Hospitalization**—Such students are entitled to 70 free days of hospitalization in the Health Service Hospital each quarter including all extras (except private duty nursing). However, free hospitalization for the same illness is limited to 70 days. Hospitalization benefits do not accumulate from quarter to quarter. Hospitalization for mental illness is provided for evaluation only and for a period not to exceed 15 days.

**Students with Hospital Insurance and/or Coverage for Outpatient Direct Personal Health Services**—Students who feel they have adequate hospital insurance may apply for an exemption of the hospitalization portion of the student services fee which is \$4 per quarter. Students accepting this exemption may be hospitalized in the Health Service Hospital but will pay the full cost of hospitalization and themselves collect from their insurance company.



Students with hospital insurance may wish to have additional coverage. They may do so by not applying for the \$4 exemption. Then if hospitalized, the Health Service will bill the insurance company and after receipt of this payment the Health Service will pay the remainder of the hospital bill for as many days as the two programs provide.

Students who are guaranteed the prepaid provision of comprehensive *out-patient* direct personal health services, such as provided under Group Health Plan, Inc., may apply for an additional exemption of \$15.25 per quarter. Students who accept this exemption waive all outpatient benefits given by the University Health Service.

A student who wishes to be exempted from the hospitalization portion and/or the outpatient portion of the student services fee should provide proof of adequate coverage to the Cashier in W220 of the Health Service *prior* to registration. The Health Service Cashier will execute a "Partial Fee Exemption" form indicating the amount of the exemption; this form, along with the student's registration blank, must be presented at his college window each quarter when registering.

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

### **Foreign Student Health Fee Benefits**

Experience has shown that many foreign students have illnesses or accidents that require prolonged hospitalization, the costs of which far exceed the benefits of the student services fee. Since noncitizens usually are not eligible for city, county, or state hospital care, great hardships to some students have occurred. To avoid such hardships foreign students are required to carry additional health protection by paying an additional fee each quarter unless they have acceptable health insurance, by which they may be eligible for exemption from this fee. Any student who thinks he might qualify for this exemption should provide proof of adequate coverage to the Cashier in W220 of the Health Service *prior* to registration. The Health Service Cashier will execute a "Partial Fee Exemption" form indicating the amount of the exemption; this form, along with the student's registration blank, must be presented at his college window when registering. Foreign students are also required to pay the regular student services fee even though they may be taking less than 6 credits.

On the other hand, foreign students who are exempted from the foreign student health fee and are enrolled for fewer than 6 credit hours in an undergraduate college may request exemption from the student services fee also, in which case they would have no Health Service privileges. Foreign students are urged to contact the International Student Advisers Office for information about health care arrangements available to them.

### **Optional Plan for Supplemental Blue Cross-Blue Shield Coverage**

Students who choose to be covered under the special student Blue Cross-Blue Shield Plan will have added protection for benefits not provided by regular Health Service coverage. These are:

1. Emergency hospitalization and medical-surgical care during the academic year when distance of other conditions would make it medically unsound for the student to be transported to the University Health Service for care.
2. Hospitalization and medical-surgical care when hospitalized during the summer months when the student is not eligible for care through the University Health Service.
3. Surgical fees under conditions of 1 and 2 above, and also surgery done through the University Health Service.

**Dependents**—Dependents are not eligible for care through the University Health Service. Therefore, the benefits—*excluding maternity and obstetrical care*—of the Blue Cross-Blue Shield program are available to cover dependents through the year at any hospital.

Additional information on the above services may be obtained in Room W229 of the Health Service or by calling 373-3768.

### **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 health service 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 and may not span 2 consecutive regular academic quarters.

The fee for this optional program must be paid sometime during the 2 weeks in advance of the beginning of the coverage period in Room W229 of the Health Service. Additional information on the program may be obtained in Room W229 of the Health Service or by calling 373-3768.

### **Well Baby and Child Clinic**

The Well Baby and Child Clinic, a nonprofit organization for Twin Cities Campus students' children under the age of 6, makes available, at cost, physical examinations, immunizations, and vitamins. The clinic is open the first three Wednesdays of each month from 6-8 p.m. in the St. Paul Health Service Building by appointment only. Call the St. Paul Student Health Service for information.

## **Housing Facilities**

Students may live in residence halls, private housing, or in fraternities or sororities. Freshmen and new students are encouraged to live in the University residence halls. Residence hall application is made *independently* of application for admission. Private housing can be secured with the aid of Housing Office advisers.

Information concerning residence halls or private off-campus housing may be obtained by writing to the office of the Director of Housing, 312 - 15th Avenue S.E., Twin Cities Campus.

The Board of Regents' policy on discrimination in private housing is as follows:

The Board of Regents has committed itself and the University of Minnesota to the policy that there shall be no discrimination in the treatment of persons because of race, creed, color, sex, or national origin. This is a guiding policy in the admission of students in all colleges and in their academic pursuits. It is also to be a governing principle in University-owned and University-approved housing, in food services, student unions, extracurricular activities, and all other student and staff services. This policy must also be adhered to in the employment of students either by the University or by outsiders through the University and in the employment of faculty and civil service staff.

The responsibility for administering this policy has been delegated to the Housing Office.

## **University Residence Halls**

Living in a residence hall has many advantages for the student. The halls, located close to class buildings and to the student unions, offer comfortable living with well-planned healthful meals, served under the direction of a trained dietitian. Opportunities for counseling, health supervision, student government, social and athletic programs are provided. All residence halls are modern, fire-proof brick buildings, constructed in accordance with the highest safety standards. The 1973-74 rates range from \$1,149 to \$1,524 per year for board and room, payable in monthly installments. Many residents can earn part of their board and room by work in the residence halls; an early interview and application is recommended for students interested in this opportunity.

*Application should be made early for accommodations in University residence halls. Write to: Director of Housing, University of Minnesota, Minneapolis, Minnesota 55455. Do not wait until orientation time to apply. Applications will be distributed and accepted as soon as possible after February 1. Final admittance by the University is not necessary before applying.*

### **HALLS FOR WOMEN ONLY**

COMSTOCK HALL accommodates freshman, sophomore, junior, senior, and graduate women in large double and single rooms. This hall is situated along the Mississippi River close to the center of University life.

### **HALLS FOR MEN ONLY**

TERRITORIAL and FRONTIER HALLS are located in a quadrangle on the edge of the campus near the East River Road. These halls accommodate 1,100 men. (Centennial Hall accommodates a limited number of women students.) All rooms are doubles. Dining facilities are shared with coeducational halls.

### **HALLS FOR MEN AND WOMEN**

MIDDLEBROOK HALL, located on the West Bank facing the river, accommodates men and women students in a new high-rise tower. Dining and recreational facilities are shared by men and women.

PIONEER HALL accommodates men and women students in vertical house arrangement with recreational and dining facilities in common. The hall is located on East River Road.

BAILEY HALL, located on the St. Paul Campus, accommodates men and women students in separate wings. Dining services are provided in the Dining Center adjoining the residence hall and the Student Center. Recreational spaces are shared by men and women.

CENTENNIAL HALL accommodates men and women in separate wings with shared dining and recreational facilities. The hall is located in a quadrangle near the East River Road.

SANFORD HALL, accommodating undergraduate and graduate men and women, is located on University Avenue S.E. near the campus.

## **University Housing for Married Students**

COMMONWEALTH TERRACE, new permanent apartments located in the St. Paul area of the Twin Cities Campus, provides housing for 362 families in one- and two-bedroom units. The 1973-74 rates range from \$90 to \$110 per month including utilities, unfurnished except for stove and refrigerator.

THATCHER HALL, for married graduate students only, is located at the edge of the St. Paul area of the Twin Cities Campus. The building contains efficiency and one-bedroom apartments at \$88 to \$106 (1973-74), furnished.

The demand for family housing is great and an early application is advisable. Applications for any of the locations should be sent to the Commonwealth Terrace Cooperative, Inc., 1295 Gibbs Avenue, St. Paul, Minnesota 55108.

### **Private Housing**

Vacancies in apartments, housekeeping units, and sleeping rooms are reported to the Department of Off-Campus Housing where students may get help with housing. Married students have found it desirable for one member of the family to come and live in temporary accommodations while looking for quarters for the entire family.

Other rooms or apartments in private residences must be engaged "on the spot"—no reservations can be made before arrival on campus. Most apartments and rooms are listed approximately 2 to 4 weeks prior to their availability.

Whatever lease arrangement you make, housing regulations provide that you must give notice according to rental pay period if you plan to move. The Housing Office is the agency to consult in case of problems or difficulties about housing, or about your privileges, rights, and obligations. Use of Housing Office counsel in a dispute is likely to lead to a satisfactory conclusion.

### **Moving to Fraternities and Sororities**

Joining a fraternity or sorority does not excuse you from a rooming contract. If you plan to move to a fraternity or sorority house, you should make the move at the expiration of your contract or room commitment, or at such time as you are able to furnish a substitute to take over your contract. Information on rush week and fraternity and sorority pledging may be obtained from the Student Activities Bureau, 110 TNM, University of Minnesota, Minneapolis, Minnesota 55455.

## **Library Facilities and Services**

The University library system, with over 3,000,000 volumes, is one of the 10 largest of its kind in the United States. It provides the basic resources of 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*, serves to guide the user to the correct location of needed materials and services.

### **O. Meredith Wilson Library (Minneapolis)**

The 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.

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 Division, 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 Science, and Psychology Libraries, the Music Library; the Kerlan Collection of Children's Literature; and the University Archives.

### **Departmental Libraries**

The library needs of students in some of the specialized scientific and professional fields are generally met through the collections of the various departmental libraries. Libraries on the Minneapolis Campus are: Architecture, Bio-Medical, Engineering, Geology, Journalism, Law, Mathematics, Mines, Metallurgy and Chemical Engineering, Natural History, Pharmacy, Physics, and Public Administration.

### **St. Paul Campus Libraries**

The St. Paul Campus is served by a central library which houses resources relating to agriculture and home economics. 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 General Information Desk, Basement Lobby, Wilson Library.

## **STUDENT ACTIVITIES**

The University of Minnesota offers many programs and services which are not directly related to the classroom experience. These programs involve hundreds of professional personnel dedicated to either or both of these tasks: enhancing the capacity of the student and promoting the broader objective of a university education—the student's total personal development.

## **Student Government Opportunities**

**The Minnesota Student Association**—Every enrolled student at the University of Minnesota is a member of the Minnesota Student Association. The association performs the function of all-University student government and coordinates a variety of University programs and activities for students. The MSA, based on student participation at every level of the University structure, has

two main branches: the executive (student body president and executive committee), and the legislative (Student Forum). The MSA office is located at 213 Coffman Union.

**College Boards**—Each college or institute of the University has a student intermediary board which serves as a liaison between the students and the administration and faculty. On the Twin Cities Campus, they are:

<i>College</i>	<i>Organization</i>	<i>Address and Phone</i>
Agriculture, Forestry, Home Economics, Veterinary Medicine	St. Paul Board of Colleges	242 North Hall (373-1575)
Liberal Arts	Arts College Intermediary Board	101 Johnston Hall (373-2821)
Education	Education Student Assembly	242 Burton Hall (373-4628)
General College	General College Student Board	106 Nicholson Hall (373-4104)
Institute of Technology	Technical Commission	135 Main Engineering (373-7729)
Business Administration	Business Board	203 Business Administration Building (373-2226)
Pharmacy	Pharmacy College Student Representative Board	115 Appleby Hall (373-2187)

## Student Activities Advisement Centers

The University believes that participation in student activities is a significant part of college education. To give students an opportunity to participate in community life, several hundred student groups—professional, social, cultural, religious, and recreational—athletic and oratorical—everything from departmental to campus-wide student government groups—have been organized. The Student Activities Advisement Centers, located in 110 TNM (373-3955), 110 Anderson Hall (373-5096), 190 Coffey Hall (373-1164), 205 Coffman Memorial Union (373-7600), and 2 St. Paul Student Center (373-1051), aid new groups toward sound organization, supervise and guide associations in matters of program and finance, and assist individual students in selecting their extracurricular activities.

## Campus Unions / Centers

Students, faculty, and staff have the opportunity to use the facilities in the Department of Minnesota Unions, which include the Coffman Memorial Union, the St. Paul Campus Student Center, the lounge in the Business Administration Building (West Bank), and the lounge and offices in Anderson Hall (West Bank).

Program activities advisers help individuals and groups plan and conduct a wide variety of programs. These include art shows, billiard and bowling tournaments, dances, forums, outdoor events, student-faculty coffee hours, and a host of other activities of a student-staff interest. Meeting rooms, cafeteria, ballroom, lounges, billiard room, bowling lanes, and art craft studio are but a part of the facilities which are available. Stop at the Coffman Information Center, or the Student Center offices, or 110 Anderson Hall, for directions.

Each facility and its various programming activities are directed by a student-faculty staff board. Students are encouraged to serve on planning committees and provide leadership for events. Visit the program offices for committee opportunities and information on events.

## **Religious and Interfaith Opportunities**

"Where the Action Is" well symbolizes religious and interfaith concerns in the life of the University. 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, coffee houses, and in every possible way to be "where the action is." Cooperative ministries join groups together in common cause around issues, tasks, or projects. Whether in the ghetto, the public and parochial school tutorials, the detention centers, the Joy Folk or a living-learning residence, people are brought together to share common needs and concerns, including worship, both traditional and experimental. Add to all this the lectures, classes, and special programs, and it does spell "action." For information, check in 110 TNM.

## **Fraternities and Sororities**

For out-of-town students, sororities and fraternities are a "home away from home" where lasting friendships, congenial group living, and a positive attitude toward academic achievement help their members make the most of their college experience.

For commuters, belonging to a fraternity or sorority means free parking on a crowded campus, good food, a convenient place to study or socialize with a group of people who care about you and help you get involved. Getting involved in your house, on campus, or in the community offers you the opportunity to find the best in yourself and your surroundings.

The cost of living in a sorority or fraternity, including all the dues and extras, compares favorably with residence halls.

Sororities and fraternities hold regular membership drives, called rushing, in the fall, winter, and spring. During these periods, students who wish to join should indicate their interest to the IFC or Panhellenic officers or to the fraternity and sorority advisers at 317 - 17th Avenue S.E.

### ***Panhellenic Council / Interfraternity Council***

Panhellenic and Interfraternity Councils facilitate intersorority and interfraternity communications, assist and support members with University relations, seek solutions of common problems, promote campus involvement, educational programming within the houses, and community service. These councils are the central administrative body of 22 fraternities and 14 sororities. For further information, write, drop in, or call 373-2435, 373-4183, 373-4161. Offices and advisers are at 317 - 17th Avenue S.E., Minneapolis, Minnesota 55414. Intersorority Council is the governing group of the St. Paul Campus sororities. For information about St. Paul sororities, call Roger Harrold, 373-5232.

## **CULTURAL AND RECREATIONAL OPPORTUNITIES**

### **Art**

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

The program of the University Gallery, located on the third and fourth floors of Northrop Memorial Auditorium, is planned to meet the broad objectives of

an all-University museum, and the specific teaching and research needs of the Department of Art History and the Department of Studio Art.

A program of frequently changing exhibitions is stressed. These are held concurrently with smaller exhibitions of works drawn from the permanent collections, those organized for specific teaching purposes, and M.F.A. thesis exhibitions.

The permanent collection consists largely of paintings, drawings, and prints by 20th-century American artists, and were given by Lone and Hudson Walker. Notable works by Dove, Feininger, Goodnough, Marin, Motherwell, Nordfeldt, and O'Keeffe are exhibited. A collection of sculpture formed through the John Rood Fund includes Baizerman, Bertoia, Hepworth, Richier, Rood, David Smith, and Tovish. Murals and sculpture by Peter Agostini, Alexander Liberman, Roy Lichtenstein, and James Rosenquist from the New York State Pavilion at the 1964 New York World's Fair, gifts of the artists, monumentally augment this collection. Collections on extended loan from Lone and Hudson Walker and Mrs. Emily Abbott Nordfeldt include major holdings in Hartley, Maurer, and B. J. O. Nordfeldt. A growing study collection of prints and drawings, problematic or representative works of all schools and periods, aids the gallery in its teaching mission.

Two loan programs are provided: a rental collection of fine original prints available to University of Minnesota students and staff, and a loan service for public areas on the Twin Cities Campus. The student rental program is open the first week of each quarter and the other loans are arranged by appointment. For further information please inquire at the offices of the University Gallery, 316 and 306 Northrop Memorial Auditorium, or call 373-3424 or 373-5685.

## Convocations

Convocation programs sponsored by the Department of Concerts and Lectures for students, faculty, staff, and the public usually are held in Northrop Memorial Auditorium. Between five and eight 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 primary lectures on vital contemporary topics, and performances by selected groups in the areas of music, theater, and dance. In cooperation with interested departments, the Department of Concerts and Lectures also sponsors special lectures and scientific conferences for smaller and selected audiences.

At St. Paul, a carefully selected program of convocations is presented at various times each quarter. Professional speakers and talent of high caliber appear.

## Museum

### *James Ford Bell Museum of Natural History*

"Habitat exhibits," nearly a hundred displays of Minnesota plants and animals mounted in typical environment, are open to the public without charge in the James Ford Bell Museum of Natural History, located at 17th and University Avenues S.E., Minneapolis. By appointment, a guide will be furnished to a visiting group of 15 or more. Prior to the tour, teachers or discussion leaders should indicate topics or biological factors which are of particular interest to



the group. A bookstore is located off the lobby with books and recorded bird call albums selected to meet the needs of the museum patrons both young and old. Each Sunday, November through April 15, free movies are shown at 2:30 and 3:30 p.m. The films cover a wide range of natural science topics that can be appreciated by all ages. In addition, a library and many thousands of specimens of reptiles, amphibians, birds, and mammals are available here for study by students and qualified visitors.

## **Music and Dance**

### ***Minnesota Orchestra***

The Minnesota Orchestra under the direction of Stanislaw Skrowaczewski is the only major orchestra in America to have its home on a university campus. The presence of the orchestra on the campus has placed the University in a unique position with respect to cultural opportunities. The Minnesota Orchestra performs several series on campus: 20 symphony concerts on Friday evenings, between October and May; 10 "Adventures in Music" concerts on Sunday afternoons between November and May; and special concerts throughout the season.

### ***Metropolitan Opera***

Each spring the University, through the Department of Concerts and Lectures, joins the Minnesota Orchestra Association and the Upper Midwest Committee of Guarantors in presenting a series of 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 two series of programs in Northrop Auditorium each year—the Masterpiece Series of fine music and ballet and the World Dance Series of classical, folk, and contemporary dance. Student and faculty 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 (373-2345) or charged at the Dayton's ticket office.

### ***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.

### ***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 En-

semble, 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 by the Minnesota Orchestra, Artists Course series, and 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 for credit or noncredit are available 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

Each year the University Theatre on the Twin Cities campus presents a diversified program of living drama, featuring classics as well as contemporary and experimental productions. There are also plays for young people, workshop productions, and numerous student-directed plays.

The 1972-73 season was the last for University Theatre plays in Scott Hall. Beginning with the 1973-74 season, productions will be presented in the new theatre building on the West Bank. The new building, to be known as the Rarig Center, will contain thrust, proscenium, arena, and experimental theatres.

The Centennial Showboat plays a full summer season on the Mississippi River, producing a wide variety of plays ranging from melodrama to Shakespeare. The Peppermint Tent, located on the East Bank of the Mississippi, presents two plays for youngsters each summer. Two productions will be produced in Scott Hall in summer 1973.

Bush Foundation fellowships offer graduate theatre student-artists a unique opportunity to work on advanced degrees at the University and to intern for one season with the Guthrie Theatre Company.

## Physical Education and Athletics

### *Intercollegiate Athletics*

Opportunities as either a participant or spectator are available in the intercollegiate athletics program for men, sponsored by the various departments of intercollegiate athletics. Male students are encouraged to try out for any of the intercollegiate varsity sports and should do so by contacting their respective coaches. Physical examination certification is required before equipment will be issued in any sport.

Minnesota competes in the following sports: 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 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 study program to improve study habits and skills and upgrade classroom performance.

### ***Intramurals and Extramurals***

Women and men students are encouraged to participate in a broad program of more than 30 intramural and extramural activities. Some of the individual, dual, and team sports include badminton, basketball, bowling, fencing, field hockey, golf, handball, ice hockey, softball (fast and slow pitch), squash, swimming, table tennis, touch football, track, volleyball, and wrestling. Extramural competition involves some intramural champions as well as individual players and teams representing the various clubs. For women students, clubs are organized for aquatics, badminton, dance, field hockey, golf, horsemanship, judo, team sports, and tennis. For men students, club activities are arranged for archery, bowling, cricket, fencing, gymnastics, judo, karate, rowing, rugby, scuba, soccer, weight lifting, whitewater canoe, and yoga.

### ***Physical Education***

The School of Physical Education offers all students the opportunity to gain competence in a variety of sports, dance, and gymnastic activities through courses offered in approximately 30 different activities. Co-educational classes, as well as those offered for men only and women only, are available on the several campuses.

### ***Health Status***

Participation in any type of physical activity should be within the limit of one's health status. Each new student is classified for participation in physical activities by his private physician on a "Health and Fitness Statement" form. This form and a memorandum regarding "Health Requirements and Recommendations" are sent to each new student inside a self-addressed return envelope along with other admission materials. After the receipt of the "Health and Fitness Statement" form from the student's private physician, the Health Service will forward an activity rating slip showing the student's activity rating to the Department of Physical Education. This activity rating denotes the types of physical activities in which the student may participate.

The activity rating is valid for 2 years for physical education classes and intramurals and for 1 year for intercollegiate athletics and for students who are majoring in physical education. The activity rating can be renewed by taking a physical examination at the University Health Service. An appropriate activity rating is required for participation in any physical education class and in intercollegiate athletics. Participation in intramural activities within the limits indicated by one's activity rating is the responsibility of the individual student.

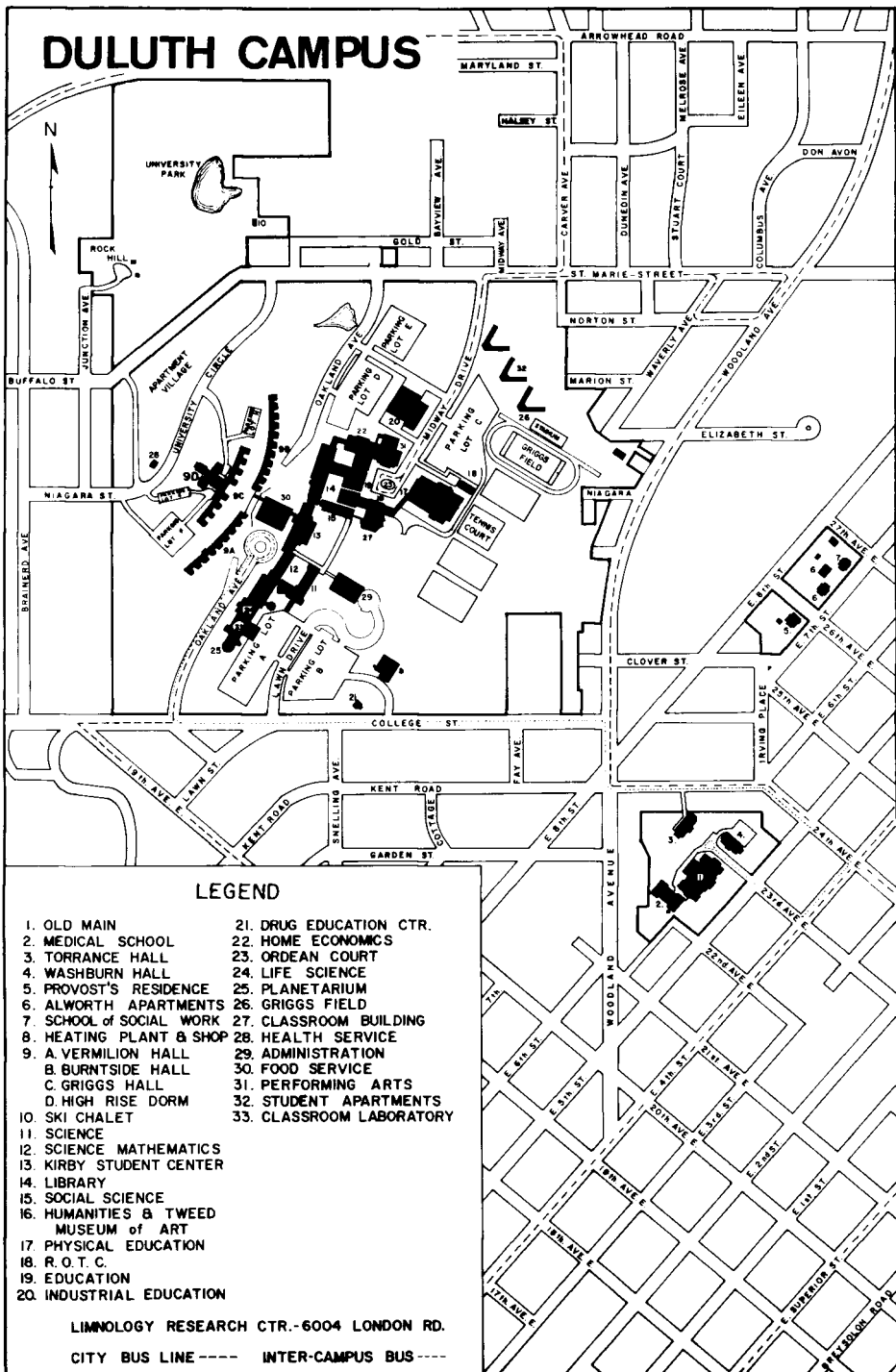
### ***Student Athletic Tickets***

Students are urged to purchase reduced price athletic tickets which admit to all intercollegiate athletic events. A pre-season sale, conducted each May, is open to all students, including following-term freshmen, and offers more desirable seating for football games. Seats are assigned by lottery from this "spring sale" group. Remaining tickets are offered for sale during Welcome Week in the fall. Contact the Athletic Ticket Office, Bierman Field Athletic Building, Minneapolis, Minnesota 55455 for information.

### ***Athletic Facilities***

The University offers extensive indoor and outdoor athletic facilities for use by all students, staff, and faculty. Buildings house tennis, basketball, volleyball, badminton, squash and handball courts, swimming pools, a fencing strip, archery stations, 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.

# DULUTH CAMPUS



# 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 Duluth State Teachers College (1921-47) and 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 a maximum of contact between students and faculty. While most UMD students come from a nine-county region around Duluth, an increasing number 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 and other varied facilities combine the seriousness of academic study with the opportunity for recreation on the campus, in the city, and throughout the Arrowhead Country.

As a coordinate campus of the University, UMD strives to accomplish the following purposes:

1. Development of the art of critical thinking
2. Examination of basic values in light of the thought and experience of mankind.
3. Preparation for leadership and social responsibility including tolerance of the ideas of others
4. Encouragement of broad cultural and intellectual interests
5. Development of effective communication ability
6. Development of vocationally useful abilities

## CURRICULA AND DEGREES

### Baccalaureate Programs

Ten degrees are available at the Duluth Campus—the bachelor of arts (B.A.); the bachelor of accounting (B.Ac.); the bachelor of business administration (B.B.A.); the bachelor of science (B.S.); the associate in arts (A.A.); the associate in vocational teacher education (A.T.E.); the master of science (M.S.); the master of arts (M.A.); the master of social work (M.S.W.), and master of education (M.Ed.). Three specialist certificates in educational administration may be obtained also. Preprofessional programs for transfer to other campuses are available.

## **Graduate and Professional Programs**

The M.A. degree is available under Plan B (no thesis) in art, in education (elementary-secondary), in educational administration, in educational psychology (counseling), in history, in English, and in speech pathology. The degree is granted by the Graduate School of the University of Minnesota and is an integral part of the graduate program offered by the University. A history major is also available under a Plan A program.

The M.S. degree with majors in botany, zoology, biochemistry, chemistry (analytical, inorganic, organic, and physical), geology, and physics are available under Plan A. Majors in biology, geology, and chemistry are also available under the Plan B program.

A new UMD School of Medicine was established in Fall 1972. The first class was composed of 24 students. The 2-year basic sciences curriculum is geared toward training family physicians. UMD medical students can automatically transfer to the University of Minnesota Medical School after their 2 years at Duluth.

The new School of Social Work also started with a class of 24 students in the fall of 1972. Objective of this graduate program is to prepare students for careers in regional and national social development. Graduates will fill social planning roles in community, state, federal, and international organizations.

## **Dental Hygiene**

The Dental Hygiene Program at UMD, which enrolled 16 students in its first class in September 1972, is a special 2-year curriculum combining general education courses, biomedical and dental science courses, and clinical experience leading to a certificate in dental hygiene. The 2-year associate in science and 4-year bachelor of science degrees are planned in conjunction with this program, but they have not yet been initiated.

## **Exchange Program**

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

## **Summer Session**

It is possible for high school graduates to get a head start on college studies by attending UMD Summer Session courses. A schedule of classes is available from the UMD Summer Session Office, 435 Administration Building.

## **ADMISSION REQUIREMENTS**

Freshmen are admitted to the Duluth campus of the University on the basis of their high school rank. To be automatically admissible, students must have a HSR at the 50th percentile or above. Students who do not rank in the upper half of their high school class but who are interested in attending UMD may contact the admissions office. Such requests will be individually reviewed in terms of other criteria such as standardized tests, recommendations and the student's expressed area of interest. Refer to page 9 of this bulletin for information on testing requirements for students entering UMD in fall quarter, 1975, or after.

Minority students who live in the state of Minnesota will be considered for admission on an individual basis.

Transfer students may be admitted with advanced standing if they have a cumulative grade point average of 2.00 (residents of Minnesota) or 2.60 (non-residents).

## **Application Procedures**

All students applying for admission to UMD must complete and return a Minnesota college application form which is available from the high school counselor or the UMD Admissions Office.

Applications must be submitted by July 15 for Fall Quarter, November 15 for Winter Quarter and February 15 for Spring Quarter.

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

Each application submitted must be accompanied by a nonrefundable undergraduate credentials examination fee of \$10, payable by check or money order to the University of Minnesota, Duluth.

Students will be notified of their admissibility within 2 weeks of receipt of the completed application.

For more information contact the Admissions Office, 104 Administration Building, University of Minnesota, Duluth, Duluth, Minnesota 55812; telephone (218) 726-7170.

## **POST-ADMISSION EVENTS**

### **Orientation**

Orientation at the University of Minnesota, Duluth is designed to acquaint new freshmen and transfer students with the campus, faculty, and classmates; to give a preview of what is ahead scholastically; and to offer assistance with program planning and registration. New freshmen are assigned a day for orientation-registration approximately 5 to 10 days before the quarter begins. Transfer student orientation-registration for fall quarter takes place in late August.

Welcome Week and Freshman Camp scheduled for the week before fall quarter begins present a variety of intellectual, cultural, and social events to introduce incoming students to the diverse opportunities of the University.

Detailed information concerning all aspects of the orientation and registration programs will be furnished each student following his admission in early summer. Each new student also receives a handbook, "Trailways."

### **Health Clearance**

Students being admitted to the University of Minnesota, Duluth will be mailed information regarding the completion of a Health History Form which will become part of the permanent medical record. A physical examination is required of all entering students.



## Financial Aids

During the academic year 1972-73 over \$2.6 million were provided to students at this institution through scholarships, grants, loans, campus employment, off-campus employment, and college work-study. Please refer to pages 14-19 of this bulletin for specific information regarding the various types of financial assistance.

Applications for financial aid must be received by February 15. Admissibility 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, Duluth, Minnesota 55812; telephone (218) 726-8282.

## STUDENT SERVICES

### Housing

#### *On-Campus Housing*

Accommodations are available for men and women in the residence hall units on the upper campus, namely in Griggs Hall, High Rise Hall, Vermilion Hall, Burntside Hall, and in Washburn Hall on the lower campus. Rates for these facilities include board and room. All rooms are furnished with beds, chairs, desks, lamps, and bookcases. Rooms in the residence hall of the upper campus are equipped with a telephone, and quarterly charges are included in the room and board rates. Bed linen, spreads, and necessary blankets are supplied. Students should bring any extra blankets desired, towels, and other personal necessities. Each residence hall contains lounge, kitchenette, and laundry facilities. The meals are served in the Student Dining Center. On-campus living offers a valuable opportunity for group living, with varied student activity programs available to all students.

A limited number of administrative and counseling positions is available in University residence halls. These are open to both undergraduate and graduate students. Students interested in this work should contact the Housing Office for additional information.

Requests for information or assistance in securing board and room accommodations in the residence halls should be addressed to Housing Office, 159 Administration Building, University of Minnesota, Duluth, Duluth, Minnesota 55812. A current rate sheet together with an application-contract will be provided.

A student is encouraged to make housing arrangements during the winter or early spring prior to fall quarter registration. A reservation for University housing can be requested by sending an application-contract together with a \$15 nonrefundable deposit to the Housing Office. The reservation is confirmed when the Housing Office notifies the student that space is available. The student should be aware that the application for on-campus housing does NOT include application for admission. Neither application for admission nor acceptance constitutes application or reservation for on-campus housing.

**Advance Room and Board Payment**—Once the application is accepted and confirmed, an advance payment of \$100 is due by August 15. If the advance

is not received by August 15, the application-contract may be canceled and the \$15 deposit forfeited. The advance payment and deposit will be credited on the first-quarter room and board.

### **Off-Campus Housing**

Current listings of off-campus housing facilities for students are available in the Housing Office, 159 Administration Building. Reservations for off-campus housing are the responsibility of the individual student. To be assured of adequate quarters, students should visit the campus and make arrangements with the homeowner at an early date, before classes begin. Desirable rooms in private residences are usually available in the vicinity of the University.

### **Counseling**

Students may consult with personnel of the Counseling Office on any personal, financial, educational, or vocational problem they may have.

The Counseling Office is located in 164 Administration Building; telephone (218) 726-7167.

### **Veterans, War Orphans, Selective Service Information**

See page 18 of this bulletin for general information. For further assistance and for presenting eligibility certificates, inquire at the reception desk of the Records Office, 104 Administration Building.

### **Library**

The UMD Library is a modern, well-equipped facility containing 180,000 volumes, plus 2,500 magazines, newspapers, and other serials, both foreign and domestic.

Access to more than 3,000,000 volumes through the University of Minnesota Library and the Minitex Network is also available through the UMD Library.

Branch libraries include departmental collections in biology, geology, chemistry/physics, and health sciences. Various types of study areas—carrels, lounges, group study rooms, late night study halls—are available for student and faculty use.

### **Health Service**

(1215 East University Circle)

Doctors are on duty Monday through Friday from 9 a.m. to 3 p.m.; nurses are on duty Monday through Friday from 8 a.m. to 4 p.m. House calls are made in case of emergency—standard fees charged. When the Health Service is not open, students may be cared for in the emergency rooms of either St. Luke's Hospital or St. Mary's Hospital.

Commonly prescribed medications and drugs are dispensed at cost. Psychiatric services are available by appointment.

### **Student Union**

Kirby Student Center is the hub of social activity at UMD. The Kirby Program Board, with its president elected through all-school elections, represents

student interest in programming the social, recreational, educational, and cultural extracurricular activities on campus. The center provides lounges, meeting rooms, food service, recreational areas, and convocation and lecture halls for University programs.

## **Convocations, Lectures, and Artists Series**

Entertainment and the opportunity to extend knowledge and broaden interests are afforded through lectures, concerts, and dramatic performances presented by students, faculty, and nationally and internationally known artists and scholars. In addition to campus opportunities in the area of fine arts, the University Artists Series and the Duluth Symphony Association offer UMD students a broad variety of programs every season. Often these programs feature noted American or international artists. Season tickets to the regular series are available at special discount rates to UMD students, and are sold spring quarter and again during Welcome Week in the fall. Individual tickets, at a discount rate, are available for each performance on a first-come, first-served basis.

## **STUDENT ACTIVITIES**

### **Opportunities in Student Government**

The Student Association, better known as SA, is the student governing body of UMD. It is a representative system of governance which is open to any student. SA provides an arena where existing University policies may be discussed and new policies recommended to meet the new 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 is apparent, special interest groups, governing councils, boards, and committees composed of students, staff, and faculty exist. More than 100 recognized student organizations play a vital role in meeting the special interest of students. The University encourages participation in clubs, fraternities, 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*.

### **Fraternities and Sororities**

UMD has five social fraternities organized primarily to further the social aspects of student life. However, there are many other aspects of equal importance to fraternity life; among these are brotherhood, scholarship, citizenship, and active participation in student organizations.

UMD's four social sororities stress parallel concepts: service (both to school and the community), scholarship, social, and above all, sisterhood. These so-

rorities are governed by the Panhellenic Council which consists of four members from each sorority. At the beginning of fall quarter, socials are given by Panhel with all sorority members represented to answer questions and acquaint interested college women with sorority life.

## **Physical Education, Intercollegiate and Intramural Athletics**

UMD is a member of the Minnesota Intercollegiate Athletic Conference and the Western Conference Hockey Association.

The varsity sports program includes football, baseball, basketball, hockey, track, swimming, wrestling, golf, skiing, tennis, and cross country.

The Physical Education Building contains outstanding facilities for both academic and recreational programs. UMD also has its own ski area within a quarter of a mile of the Physical Education Building plus several nearby playing fields. Hockey games are played at one of the finest facilities of its kind in the country, the new Duluth Arena. Hard-surfaced tennis courts are located on the campus and two fine municipal golf courses are available for use. Football games are played on Griggs Field.

All students may participate in the intramural program which includes competition in touch football, basketball, volleyball, bowling, broomball, floor hockey, tennis, swimming, skiing, hockey, table tennis, track, badminton, archery, softball and golf. Both men and women can take part in this program. Recreational use of facilities such as the pool and the gymnasiums also is possible during free hours and on weekends.

## **Religious Organizations**

Christian Science, Hillel, Intervarsity (IV), Lutheran Student Movement (LSM), Newman Student Association, Students for Christian Confrontation (SCC) provide a variety of situations for you to do what you believe and to be what you are. These include supper meetings, scripture study, hayrides, retreats, encounter groups, "living in community," coffee house entertainment, intramural sports, community projects (e.g., initiate a city recycling center), discussion groups, etc. In addition, worship services are held each Sunday on campus. Of course, much that happens is not "programmed" in that you will establish personal and spiritual relationships that are meaningful.

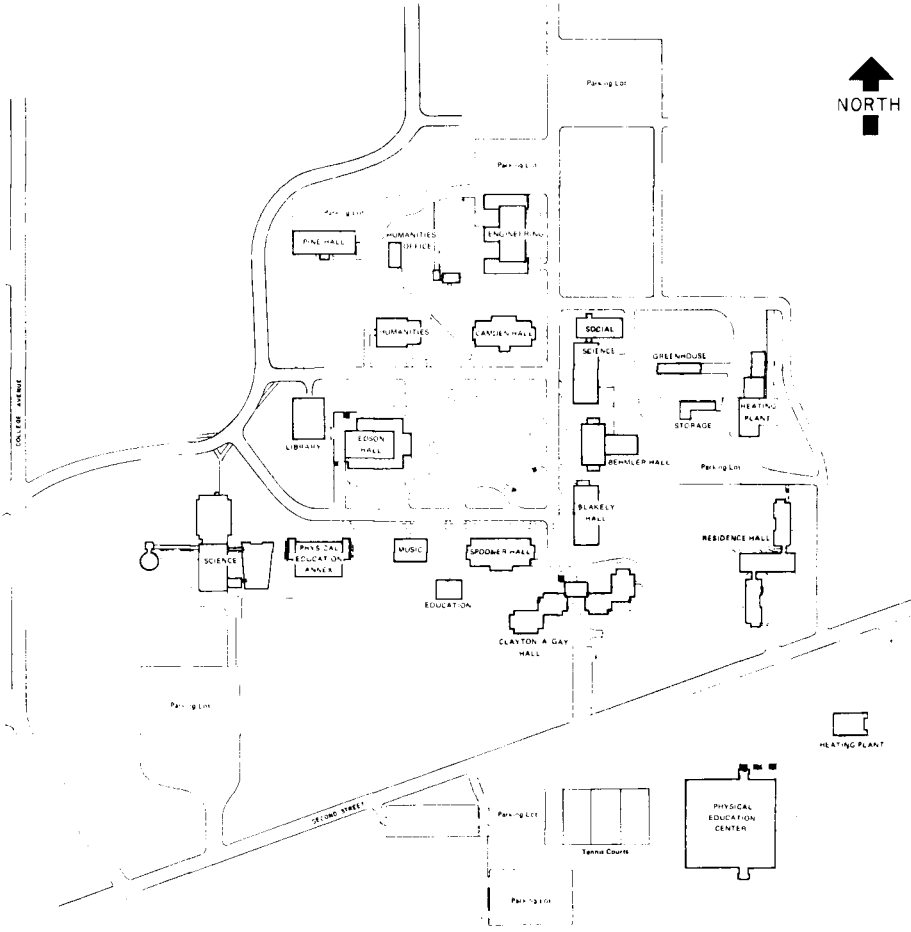
## **Opportunities in Music, Theatre, Art**

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

In the University Theatre, students have the opportunity to assist in the production of at least three major plays each year. Occasional dramatic performances are presented in the community.

UMD music groups present a regular series of campus concerts and give occasional performances in the community and other cities in the state.

UMD is fortunate in having on campus one of the outstanding university art museums in the nation. The Tweed Museum of Art schedules more than 20 major exhibitions annually in addition to private shows by UMD art seniors and graduate students.



**Morris Campus**

## University of Minnesota, Morris

As a 4-year liberal arts college of the University of Minnesota, UMM shares the major purposes of the University as a whole—instruction, research, and service—and provides a program in the liberal disciplines fundamental to each of these purposes. Its collegiate program has been developed with the liberal arts concept of a broad academic curriculum dedicated to providing the student with a firm foundation in the three basic areas of knowledge—humanities, natural sciences, and social sciences. In addition, the Morris curriculum offers basic preparation for most of the professions and for students intending to enter business, teaching, the creative arts, or any of several specialized occupational areas.

UMM serves students from throughout Minnesota as well as other states and nations. As one of the University's three liberal arts colleges, UMM shares in the intellectual and cultural resources of this institution. UMM provides the 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.

The faculty, students, and administration are currently involved in several programs to further individualize and enhance the learning experiences at UMM, such as a 4-year individualized curriculum option which any student can develop with faculty advice, tutorial programs, A-B-C-No Record grading system, and the opportunity for senior research projects under the guidance of University faculty members. All of these efforts are consistent with the aim of UMM to offer each student personally meaningful educational experiences.

The 45-acre Morris Campus, located about 150 miles west of the Twin Cities, contains 27 buildings already in use, including a recently completed physical education complex and a 288-unit apartment dormitory. A new humanities center is under construction, and the building program includes second phase additions to the library, physical education center, and humanities complex.

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 major concentrations presently offered at UMM include art history, studio art, biology, chemistry, economics, elementary education, English, French, German, history, Latin-American studies, mathematics, music, philosophy, physical education, health and physical education, physics, political science, psychology, sociology, Spanish, speech-communication, and theatre arts. Supporting course work is also offered in humanities, geology, and anthropology. For students who have decided to enter a professional school either within the University of Minnesota or at some other institution, the course offerings on the Morris Campus make possible preprofessional training in over 25 areas.

A recently developed two-option program permits students to follow either a relatively traditional curriculum or an individualized curriculum. This program provides a great deal of flexibility in meeting the educational needs of students who enter with diverse backgrounds.

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 instruction, 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 maximizes the student's opportunity to obtain a quality liberal education.

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

## **ADMISSION REQUIREMENTS**

### **Freshman Admission**

Minnesota high school graduates with a College Aptitude Rating (CAR) of 50 or higher will be admitted to the University of Minnesota, Morris. The CAR is the average of the Minnesota Scholastic Aptitude Test scores percentile and the high school rank percentile. Applicants with lower CARs will be individually reviewed, using a multiple set of criteria which include the CAR, a weighted prediction of the college grade point average based on the ACT examination, 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 individual interviews with the student. Students within this group with the best potential for successfully completing a collegiate program will be admitted.

Freshman applicants are required to take the ACT.

Refer to page 9 of this bulletin for information on new testing requirements for students who will enter in or after Fall Quarter, 1975.

### **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 (CAR of 50) and file their college records as well.

Non-Minnesotans who have superior high school or college records and special interest in UMM will be considered for application; however, preference is given to Minnesota residents.

All students considering transfer to UMM should plan their program to include the general education requirements listed above. These courses need not be completed before the time of transfer, but the closer a student is to completing them, the easier his 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, Morris, Minnesota 56267.

Deadlines for application are:

July 15 for fall quarter

November 1 for winter quarter

February 15 for spring quarter

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

## POST-ADMISSION EVENTS

### Orientation

#### ***Freshman Orientation-Registration Week***

New students entering in the fall who have not previously attended a college will come to the University of Minnesota, Morris prior to the beginning of fall quarter classes for orientation and registration. New students with advanced standing attend the portion of orientation week pertinent to their needs.

Orientation-registration week is designed to familiarize new students with the policies, facilities, 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. During this week, freshmen meet in small seminar groups with their faculty and student advisers who assist with course planning and registration for classes.

#### ***Orientation-Registration for Transfer and Returning Students***

A special orientation-registration day is held for those students who are transferring from other colleges or who are former UMM students planning to return. This normally occurs just prior to the beginning of a new quarter (in September, December, and March). Transfer and returning students are notified by mail of these specific dates.

## FINANCIAL AIDS

The Financial Aid Program at UMM is designed to permit the distribution of various types of financial assistance in the manner which meets the needs of the greatest number of students. Financial aids are defined as including 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 his college expenses. A more detailed description of the types of aid is found in the Financial Aid portion of this bulletin.



Students who are applying for any form of financial aid are required to submit either the *Freshmen Application for Financial Aid* (obtainable for freshmen from high school counselors or from the University of Minnesota, Morris Office of Financial Aids) or the *Advanced Standing Application for Financial Aid* (obtainable for transfer students and students currently enrolled at UMM from the UMM Office of Financial Aids). The completed application must be returned directly to the Office of Financial Aids, University of Minnesota, Morris, Morris, Minnesota 56267, by February 15 before the fall quarter of expected enrollment.

In addition, a *Parents' Confidential Statement* (PCS) is required of all students applying for financial aid in order to establish need. The financial aid application will be incomplete without this statement. This form may be obtained from high school counselors, the UMM Office of Financial Aids, or by writing to the College Scholarship Service, P.O. Box 881, Evanston, Illinois 60201. The completed PCS form must be submitted directly to the College Scholarship Service by February 15 of the year preceding the fall quarter of expected enrollment. (To insure proper processing, the PCS should be submitted at least 4 weeks before the February 15 deadline. Use CSS Code 6890 when filing.)

The College Scholarship Service, which assists colleges and universities in determining a student's need for financial assistance, then sends the UMM Financial Aids Office a copy of the *Parents' Confidential Statement* along with a needs analysis for the student applying for financial aid. Once the student's application for financial aid and the PCS are received by UMM, the student will be considered to the extent of available resources for all types of financial aid, to include scholarships, grants, loans, and employment.

## STUDENT SERVICES

### Housing

Recognizing the fact that students come from various backgrounds and arrive at the University of Minnesota, Morris with varied values and personalities, the UMM Housing Office provides alternatives in living situations on campus which give a choice of living experience.

The primary objectives of the residence hall program at Morris are to provide both comfortable living facilities and a wide variety of opportunities for significant educational experiences.

All new students are encouraged to live in the University of Minnesota, Morris residence halls during their first quarter at Morris. Living on campus provides new students with the best opportunity to meet new friends and to become acquainted with the activities and facilities at UMM and enables them to benefit from the significant personal and social learning experiences that exist in a group-living situation. No one is required, however, to live in on-campus residence halls.

Students who normally would not live on campus (commuting students) are asked to consider living on campus for at least 1 quarter during their first year, preferably their first quarter at UMM. If commuting students simply attend classes and then return home, they will miss some excellent opportunities to meet new people and form new friendships, and they will not have the opportunity to participate in any of the co-curricular learning experiences available at the University of Minnesota, Morris.



## Residence Halls

BLAKELY HALL, one of the original residence halls on the UMM Campus, is an experimental unit which will provide single and double occupancy accommodations for those students who desire a living environment compatible with intensive academic pursuits.

CLAYTON A. GAY HALL I and II accommodates 250 students in a "house" arrangement with 40 men or 40 women residing on a floor. Recreational, laundry, and study facilities are located within the complex.

INDEPENDENCE HALL accommodates 250 students with 20 to 30 students living in each wing. A coeducational situation is maintained with an alternate pattern, by wing, of men or women. The hall, with complete facilities, is one of the newer residence halls on the Morris Campus.

PINE HALL, located on the edge of campus, will provide mostly single-occupancy rooms. Designed for special-interest groups and those who may desire more privacy, Pine will be self-regulatory, providing an unstructured atmosphere for primarily upperclass students.

SPOONER HALL is a traditional residence designed to accommodate 90 students with male and female students living on alternate floors. Spooner has rather large rooms and a distinctive, comfortable atmosphere.

RESIDENCE HALL IV (STUDENT APARTMENTS) is a complex, completed during the 1971-72 academic year, which has facilities for 288 single students. Each department provides for four students in a comfortable, modern unit with two bedrooms, a living-dining area, bathroom, and kitchen. A central facilities building with laundry and lounge area is located in the center of the complex.

Information and applications for housing arrangements may be obtained by writing to the Director of Housing, University of Minnesota, Morris. Final acceptance by the University is not necessary before applying.

## Housing Costs

Rates shown are for double occupancy in residence halls. Singles are available for an additional \$45 per quarter in any of the units. The rates include room rental as reflected in the University's debt service (mortgage) obligations, basic furnishing, maintenance, and utilities, assistance from professional hall counselors and student resident advisers, advising and recreation programs, management costs and assistance specifically designed for residence hall students.

Rates during summer sessions are approximately half of the rates shown.

### RESIDENCE HALLS

	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>	<i>Total</i>
Blakely	\$180	\$180	\$180	\$540
Clayton A. Gay	180	180	180	540
Independence	195	195	195	585
Pine	180	180	180	540
Spooner	180	180	180	540
Apartments	225	225	225	675

## Off-Campus Housing

Morris has a relatively wide range of rentals available for men and women who desire to live off campus. Listings of off-campus housing are available at the Housing Office. Rental prices currently range from approximately \$30 to \$65 per month per person.

Students selecting rental facilities in a private home should satisfy themselves that the room is acceptable for the entire school year. Housing regula-

tions provide that a student must give 1 month's notice or secure a suitable replacement if he or she wishes to relocate. Room payment to householders is due in advance.

Most off-campus apartments and houses are taken in the spring before fall quarter begins. The Housing Office has files on off-campus living accommodations with information on whom to contact, costs, living restrictions, and so forth. In addition they have a list of guidelines that informs students of privileges and responsibilities as a lessee, which can be helpful for the students' own protection.

## **Counseling**

Professional counseling is available to University of Minnesota, Morris students from the staff of the Student Counseling Service. These staff members have received professional training in fields such as psychology, guidance, and counseling. They are available to discuss concerns which include vocational and educational decisions, reading and study problems, program planning, emotional conflicts, or other personal problems which interfere with optimum individual growth and development.

While their primary function is individual and group counseling, the staff of the Student Counseling Service also coordinate the academic advising program, assist with the planning and conduct of freshman summer registration, fall orientation and the freshman seminars, supervise various testing programs, and conduct institutional research. An Occupational Information File is maintained to help students determine the feasibility of entering a particular vocation.

## **Library**

The Morris Campus Library has a rapidly growing collection of resource books, magazines, newspapers, and periodicals. The Library is housed in a new building which provides excellent facilities for the collection and their use, including student study space. A second and concluding phase of the Library will be completed in early 1974.

As part of the University of Minnesota, the Morris Campus Library has access to resources totaling more than 3,000,000 volumes. The UMM Library itself presently contains 70,000 volumes.

## **Health Service**

The UMM Health Service, located in Clayton A. Gay Residence Hall, is available to all regularly enrolled students who pay the student service fee. Services at the clinic which are available to the student at no charge include outpatient care of illnesses and injuries, immunizations, certain laboratory work, and some physiotherapy. There is no charge for medications dispensed at the Health Service. Emergencies or illnesses requiring a physician's care should be reported directly to the Health Service. If emergency care is required during the hours when the Health Service is closed, the student should go to the Stevens County Memorial Hospital emergency room for assistance.

The Health Service does not pay for inpatient services at a hospital, either medical or surgical. Because these services are not paid for by the Health Service, it is of great importance that all students have insurance coverage for inpatient medical costs. An optional Blue Cross-Blue Shield health insurance plan is available to students through the Health Service. Health insurance appli-

cation forms are sent to each student with the registration materials. UMM Health Service records are confidential.

## STUDENT ACTIVITIES

### Student Organizations

Student activities on campus are an important aspect of the educational experience at UMM. The Campus Assembly, committees, and student organizations provide an outlet for students to give expression to their talents and interests.

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

A system of committees governs the various aspects of UMM. These committees consist of joint student, faculty, and administrative membership. Students have voting privileges equal to those of faculty members on these committees and, in some instances, the students constitute the majority of the membership. Student members are thus instrumental in determining committee recommendations and have a definite voice in the development of University policies. These committees provide a continuous forum for student-faculty dialogue in areas of concern to the entire University community.

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 the students who serve in the UMM Campus Assembly.

One of the campus committees, the Morris Campus Union Board (MCUB) is responsible for the social, cultural, and recreational activities on campus. The Union Board of Governors consists of a student chairman, five students, four faculty members, and a representative from the Student Activities Office. Weekends are highlighted by social and recreational activities throughout the school year. These include athletic events, dances, play productions, dorm parties, ski trips, retreats, films, and coffeehouses. MCUB also sponsors a variety of eminent speakers, musicians, and entertainers.

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

Several publications are issued by the students for campus circulation. Most familiar is the *Vanguard*, the student newspaper, which is published weekly. The literary magazine, *Kore*, is published twice a year.

### Religious Organizations

Religious foundations provide fellowship, service, and religious activities for students. The Council of Religious Organizations coordinates the activities of the religious foundations and provides an active program of events throughout the year.

### Clubs, Fraternities, and Sororities

Some of the other active campus organizations include Beta Sigma Psi Fraternity, Campus Cougar Club, Chemistry Club, Chess Club, Economics Club, International Relations Club, Iota Psi Sorority, Language Club, Lettermen's

Club, Morris Meinings Drama Club, Physical Education Majors and Minors Club, Sigma Sigma Sigma Sorority, Ski Club, Students for the Advancement of Photography, Students for Environmental Defense, Student Minnesota Education Association, and Tau Kappa Epsilon Fraternity.

## **Fine Arts Programs**

The University Artist and Celebrity Series brings several performances of national and international stature to Morris each year. The series includes serious performances, such as opera, ballet, classical music, and drama, as well as lighter entertainment by folksingers, popular recording artists, and new talent in a variety of fields.

Two film series bring motion pictures that have gained critical acclaim to UMM each week of the academic year. The Fine Arts Film Series presents a wide range of exceptional foreign films, as well as outstanding American motion pictures.

The UMM art faculty arrange six regular exhibits in the Edson 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 Drama Club, 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 band, the mixed chorus, the men's chorus, and the Chamber Singers. The symphony orchestra, comprised 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 factors in academic 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 is given the opportunity to achieve a unique level of personal fitness. The physical education and athletic staff is dedicated to helping the individual participant realize this idea.

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

In women's varsity athletics UMM is a member of the Minn-Kota Conference. UMM women presently compete in three varsity sports: volleyball, basketball, and track and field.

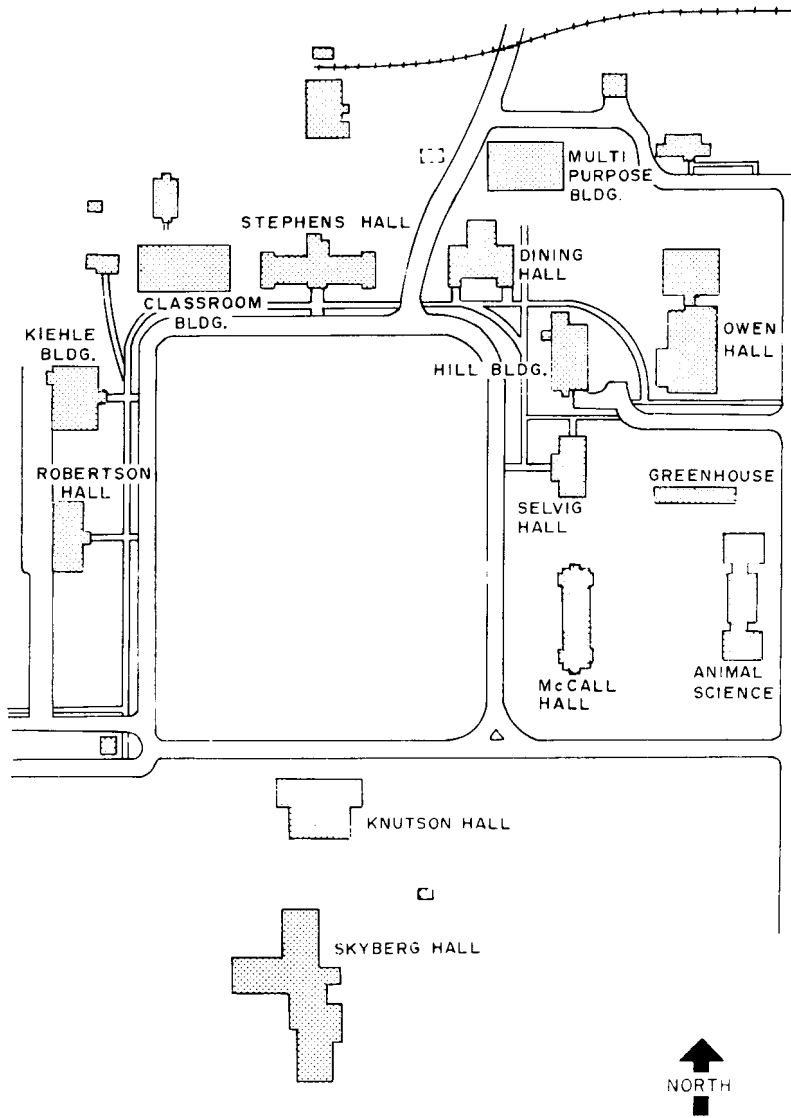
Men and women who are not interested in intercollegiate or varsity sports have an opportunity to stay trim through men's and women's intramural programs. The intramural program at UMM is designed to promote active, voluntary participation in a variety of sports by all students.

The men's intramural program, under the auspices of the UMM Men's Intramural Council, features competition in 10 sports. University men can participate in football, basketball, volleyball, bowling, badminton, swimming, golf, tennis, softball, and archery.

The women's intramural program, sponsored by the Women's Recreation Association, provides coeds with voluntary opportunities to participate in dance, aquatics, team sports, and individual and dual sports.

A wide variety of leisure-time recreational opportunities is available to all students. There are pool and table tennis facilities in the residence halls, and a pool room adjoins the Student Lounge. Two skating rinks and a toboggan run are located on campus for winter use. All students and faculty are encouraged to use campus facilities whenever possible.

Finally, for the outdoors person, nature has provided excellent recreational facilities for fishing, hunting, boating, and skiing within a few miles of Morris.



**Crookston Campus**

# University of Minnesota Technical College, Crookston

The University of Minnesota Technical College, Crookston, established by the legislature in 1965, first offered instruction to a student body of 185 in fall quarter, 1966. The college embodied a new concept in higher education in the Midwest: that of 2-year collegiate-level instruction of a technical nature leading to an associate degree. The site of the new college was the former campus of the University's Northwest School of Agriculture, located 1 mile north of Crookston. Since the beginning of the Technical College, many new buildings have been added.

## CURRICULA

Degrees are offered in agriculture, business, and hotel, restaurant and institutional management. A new division, Home and Family Services, will begin in the fall of 1973. Nineteen major options are offered in agriculture, 16 in business, and four in HRI. A General Education Division provides broad background in communications and the sciences. A unit of internship training is part of each division's program.

## ADMISSION

Presently, there is an open door admission policy at UMC. Physical examinations are not required for entrants except for athletes.

## FINANCIAL AID

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. Aid applications are due to the financial aid office for the coming year by April 15 for incoming freshmen, and by May 1 for returning sophomores.

## STUDENT SERVICES

### Housing

Three residence halls are presently in use on campus, housing a total of 335 students. McCall Hall and Robertson Hall residents are charged \$317.50 per quarter, which includes 7-day board. McCall Hall residents pay for in-room telephone service, if desired. Skyberg Hall rooms rent for \$367 per quarter, including board. Extra is paid for in-room telephone service.

Applications may be made to the housing and dining office for on-campus housing once a student has been accepted at the college.

Limited housing is available off campus. The Housing and Dining Office will assist where possible. Off-campus housing is not subject to University regulations.



## **Counseling**

General career and financial counseling is available to students, as is personal counseling. A coordinator of special programs offers special counsel to minority students, and each student on campus also has a faculty adviser. Personal counseling is available at the Student Activities Building, which is open 24 hours a day; telephone extension is 247. Career counseling is available from the placement director in Selvig Hall, extension 239. Financial and educational counseling may be obtained in Selvig Hall from the director of admissions and financial aid, extension 242; from the head of student affairs, extension 241; or from the curriculum coordinator's office, extension 244.

A veteran's service officer is located in Selvig Hall. He advises student and nonstudent veterans of services and benefits available to them, and provides counsel.

## **Library**

A library addition is being built and when completed will permit 2,000 square feet of library stacks. A lobby will join new facilities with the already existing library center in Kiehle Building. Over 14,000 volumes are now in the library. An audio-visual center including closed circuit TV headquarters is housed in the Kiehle Building.

## **Health Service**

A registered nurse is on duty in the student health service room in Robertson Hall. In addition, city physicians are available to students on scheduled days. An incidental fee of \$7 per quarter covers health service care.

## **Cultural Events**

Cultural activities are available to students, sponsored by the student-faculty Concerts and Lectures Committee. Concerts, coffeehouse groups, theater, and other entertainment activities are available throughout the year. Movies are regularly scheduled for the students on campus. Homecoming, Sunflower Bowl, Snow Days, and other social events are scheduled throughout the year.

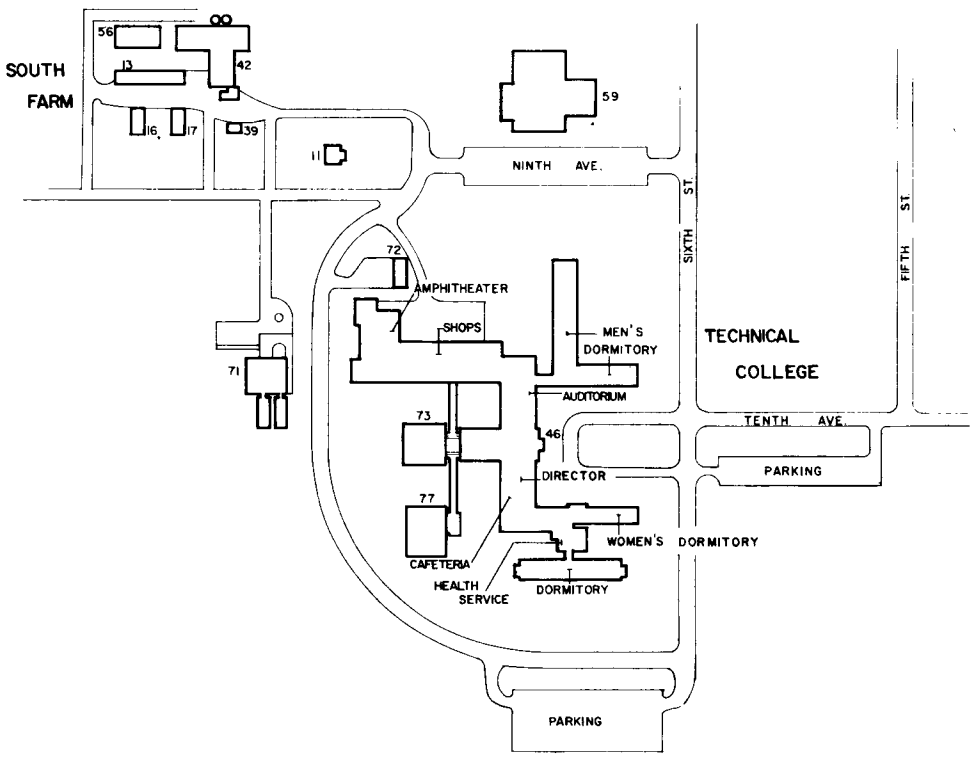
## **STUDENT ACTIVITIES**

Students are represented by their classmates by the Student Senate, the University Senate, at 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. Elections are held once a year for officers and senators. Approximately 20 campus student organizations are available. Some are political, some social or recreational, and some are divisional organizations. Organizations are recognized by the Student Senate and carry Senate representation.

A physical education program is offered for all students. In addition, the intramural athletic program offers a wide range of activities, including swimming, volleyball, tennis, table tennis, chess, archery, bowling, and many others. UMC is represented in the intercollegiate athletic program with teams in football, cross-country, basketball, wrestling, track, tennis, golf, baseball, and hockey.

The Cooperative Campus Ministry is made up of interested local pastors appointed by the Ministerial Association, three faculty members, and four students. This committee is responsible for campus religious activity. Personal counseling is available through the campus ministry, and rap sessions on religion are held at scheduled times.

Groups for participation in both vocal and instrumental music are provided at UMC. Courses in art are available, and student publications of a newspaper and yearbook offer opportunity for those interested. A city theater group is also available for students interested in drama.



Waseca Campus

# University of Minnesota Technical College, Waseca

The University of Minnesota Technical College, Waseca represents a new exciting approach—the technical-collegiate approach—to higher education in Minnesota. The technical-collegiate approach combines related and technical education at the practical level, giving recognition to the fact that earning a living remains a major force in the lives of individuals.

The college, authorized by the 1969 Minnesota State Legislature, offers coeducational collegiate preparation of 2 or more and less than 4 years' duration in the broad fields related to agriculture.

College facilities are equipped with special purpose laboratories located under one roof, except for the Physical Education Building and the Learning Resource Center. The University's Southern Experiment Station, which adjoins 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.

The purpose of the University of Minnesota Technical College, Waseca is to prepare graduates for employment in agriculture at the semiprofessional or midmanagement levels.

Since the college operates on a 4-quarter, year-round educational system, students may begin during any quarter and go continuously or intermittently.

## CURRICULA AND DEGREES

The associate in applied science degree is awarded to the student who completes a minimum of 108 credits in an approved sequence of courses. The offerings of the college are in six programmatic areas: Agricultural Production, Agricultural Industries and Services, Agricultural Business, Animal Health Technology, and Home and Family Services. Several majors are available within each of these programmatic areas to provide a wide availability of specializations for the student.

While the primary objective of the college is to prepare graduates for employment, it is inevitable that there will be some students who 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 credits accepted.

## ADMISSION STANDARDS, PROCEDURES, DEADLINES

Admission is granted on the basis of high school graduation or equivalent. Each applicant is considered on an individual basis using such items as aptitude, interest, and the ability of the student to profit from the programs being offered.

Application to the college can be made by obtaining a copy of the Minnesota College Admissions Form from either a high school counselor or from the

Office of Admissions and Records, University of Minnesota Technical College, Waseca, Waseca, Minnesota 56093.

All resident and nonresident students are required to take the American College Test (ACT) as an aid in program planning, and the results must be submitted with the application.

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

## **Preadmission Counseling**

A unique feature of the Technical College at Waseca is preadmission counseling. Before admission, a representative from the staff of the college will establish personal contact with each applicant and a visit will be made to the applicant's home to discuss his or her educational objectives and the program offerings of the college.

## **Orientation**

Orientation days provide the new student with an opportunity to become acquainted with the campus activities and the staff of the college. The dates and times for these sessions are established each quarter and all new students are invited.

## **Financial Aid**

Students who demonstrate need may apply for financial assistance. Those wishing to apply for aid are asked to complete the Parents' Confidential Statement (PCS) Form of the College Scholarship Service. The University of Minnesota Financial Aid Application Form should be filled out and mailed to the Office of Financial Aids. The financial aids available at the University of Minnesota Technical College, Waseca are similar to assistance available University-wide, and the student should refer to the Financial Aids section in the front of this bulletin.

## **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. A room and board package is available for either a 5-day week or a 7-day week contract, with prices averaging about \$300 per quarter. Single rooms are offered as space allows. Application is made in the Office of Student Affairs.

The dormitories on campus, or "Living-Learning Centers," provide academic programs, discussion sessions, and seminars, as well as specialized libraries. Students are encouraged to consider campus housing accessible to all campus activities and organizations.

Off-campus housing is available in the Waseca community. The Office of Student Affairs maintains a listing of the various kinds of housing available in the community.

## **Counseling**

In addition to the preadmission counseling session and orientation days, the college recognizes that in the growth and total development of its students certain problems arise which are of a very personal and important nature. The Office of Counseling Services is available to help with social, emotional, educational, and occupational decisions or problems.

## **Veterans**

The courses and programs offered by the Technical College, Waseca meet the requirements for veterans eligible for educational benefits under Chapter 34 of the new G.I. Bill. A veteran should contact the Veterans Administration office where he may obtain applications, determine eligibility and entitlement, and receive the necessary counseling.

## **Libraries**

A new Learning Resource Center is under construction and will be ready in the fall of 1973. The Learning Resource Center includes the library and audio-visual departments. Books, periodicals, microfilm, pamphlets, filmstrips, audio and video tapes, transparencies, and other materials are available for student use. The collection is geared to the technical education emphasis of the college.

## **Health Services**

The College Health Service and an attending nurse are available for students needing medical attention during the day and on call for after hour emergencies. Emergencies and illnesses requiring a doctor and/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.

## **Student Union**

The Ram Shack in the main building is the student union for the college. It contains a commuter locker room, Student Senate office, separate conference room, TV viewing room, short-order lunch service, and lounging facilities.

## **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 only in its third year of operation but student organizations are being added to the college program with increasing

frequency. Last year several were developed, including the Ruff Ryders, a Campus 4-H group, the Horticulture Club, and others. An active honor society is also a viable part of the college community.

**Athletics and Intramurals**—The college is a member of the Minnesota Junior College Athletic Association and the National Junior College Athletics Association. Teams in football, basketball, wrestling, and track are already in conference competition. Intramural sports are also developing at the college.

**Religious Organizations**—Students of all religious faiths have the opportunity to participate in special religious groups. The groups vary because of the number of students involved.

**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.

# ALL-CAMPUS INFORMATION

## TUITION AND FEES

A prospective college student always must ask, "How much will it cost?" Whether he is "on his own," earning some or all of his own funds, or getting aid from parents or others, he asks the inevitable question of University advisers.

A general answer is, for residents of Minnesota, about \$2,800 for 3 quarters for Twin Cities Campus students who live in University residence halls or private housing, and about \$2,300 for those who live at home. For resident students at the Technical College in Crookston, all expenses total about \$2,300 for 3 quarters. For dentistry, medicine, and veterinary medicine, expenses are about \$4,000. Nonresidents should add at least \$900 for the higher tuition required of students from out of state.

This general answer has to be qualified at once, for there are many expenses which vary with the individual and his program. In the table of estimated expenses the largest item is that for board and room. In some cases these board and room estimates will be too high—many students, living at home or with relatives, make no cash outlay for board and room; others "work out" board and room costs. Depending on tastes and special situations, the cost may be higher.

The overall estimate includes approximately \$50 per month for laundry and clothing expenses, and costs for such items as recreation, travel, and other incidentals. Many students spend more than the \$2,800 mentioned above.

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

## Tuition

(Subject to change without notice)

The table shows the basic tuition and student service fee in each University unit. It also shows, except in the Graduate School, that a student taking less than 12 credits a quarter may 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, research assistants, teaching associates, and administrative fellows at 25 percent time or more pay "in-state" tuition rates. This same privilege applies to members of their immediate families in any school or college of registration in the University.



**ESTIMATED EXPENSES OF MINNESOTA RESIDENTS**  
**Fall, Winter and Spring Quarters, 1973-74**

College	Fees <sup>1</sup>	Books and Supplies <sup>2</sup>	Room and Board <sup>3</sup>	Total
Undergraduate students in College of Liberal Arts, General College, University College, and Dental Hygiene.	\$683	\$180	\$1200	\$2800
Undergraduate students in Business Administration, College of Agriculture, College of Forestry, College of Home Economics, and College of Education.	719	180	1200	2825
Undergraduate students in College of Biological Sciences, School of Nursing and Institute of Technology.	752	180	1200	2850
Students in Graduate School, Social Work (Duluth), School of Public Health, Medical Technology, and Physical and Occupational Therapy.	827	180	1300	3025
Students in the Law School, College of Pharmacy, and Mortuary Sciences.	917	180	1300	3100
Students in College of Veterinary Medicine, College of Medicine, Medicine (Duluth), and College of Dentistry.	1440	600	1300	4000
Undergraduate students at coordinate campuses of Crookston and Waseca.	555	180	1200	2350
Undergraduate students at coordinate campuses of Duluth and Morris.	680	180	1200	2800

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

<sup>2</sup> Costs may vary; includes \$500 for dental instruments and \$450 for microscope for Medicine and Veterinary Medicine.

<sup>3</sup> University residence hall rates for 1973-74 range from \$1,167 to \$1,524 for room and Board. Average accommodation rate is about \$1,200.

Effective June 16, 1970, these same privileges were 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 sessions will count as one 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 entitle extension of the privilege for 3 additional quarters; more than 3 quarters entitle extension (on a quarter-for-quarter basis) for not more than 6 quarters. The entitlement of the qualifying appointee and members of his immediate family to this privilege will not extend beyond 3 years from the termination of the last or most recent qualifying appointment.

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

Residence advisers with Bachelors' degrees are privileged to pay tuition at the resident rate of the college in which they are enrolled.

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.

### TUITION (1973-74)

	'73-'74 Tuition (Quarterly)		Credit Hour Fee	
	Resident	Non-Resident	Resident	Non-Resident
Undergraduate Students in the College of Liberal Arts, General College, University College, Dental Hygiene, Duluth and Morris	\$182	\$492	\$15.25	\$41.00
Undergraduate students at coordinate campuses of Crookston and Waseca	155	420	13.00	35.00
Undergraduate students in the College of Business Administration, College of Agriculture, College of Forestry, College of Home Economics and College of Education	194	532	16.25	44.50
Undergraduate students in College of Biological Sciences, School of Nursing and Institute of Technology	205	562	17.25	\$47.00
Students in the Law School and graduate work in Law, College of Pharmacy and Mortuary Science	260	675	21.75	56.25
Students in Veterinary Medicine and graduate work in Veterinary Medicine, Medicine (Duluth) and Dentistry and graduate work in Dentistry	435	1015	36.25	80.50
Medical School and graduate work in Medicine—				
0-5 Credits	109	254	no credit hour rate	
6-10 Credits	218	508	no credit hour rate	
11-15 Credits	326	761	no credit hour rate	
16 or more Credits	435	1015	no credit hour rate	
Students in Social Work (Duluth), School of Public Health, Medical Technology, and Physical and Occupational Therapy	230	587	19.25	49.00
Students in Graduate school programs other than those noted above				
—more than 6 credits	230	587	no credit hour fee	
—6 credits or less or two courses or less or thesis only	115	294	no credit hour fee	
—PhD candidates, 6 credits or less or continuous registration	40	40	no credit hour fee	
—teaching assistants and teaching associates*	170	170	no credit hour fee	
Evening Classes	No quarter Fee		\$14.00 1 and 3 lower div. 15.00 5 upper div. & grad. 16.00 graduate	
Independent Study Courses			15.00	
Summer Session			See Summer Session Bulletin	
Laboratory Charges				
—if a student is registered for a laboratory course which is identified in the <i>Class Schedule</i> as one for which the special \$4.00 laboratory charge is applicable, he must make payment at the same time tuition and fees are paid.				4.00 Flat fee

\*Must be registered in the Graduate School, paid on the General Operations and Maintenance Fund; and appointed at 25 percent time or more.

Students of one college taking work in another pay the tuition fee of their own college. If you wish to apply credit for such work toward a degree from a higher fee college you 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 higher fee college.

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

New full-time faculty members with 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, 1 year after their arrival, is made for military personnel on duty in Minnesota for other than college attendance. New full-time faculty on the staff of accredited Minnesota colleges (not their families) have the same privilege as provided for new University faculty. Persons for whom these provisions are meaningful should contact the Office of Admissions and Records, 105 Morrill Hall, to make appropriate arrangements.

## FEES

(Subject to change without notice)

### Student Services Fee

If a student is registered for six or more credits in a quarter, he pays 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 the Extension Division, are exempt from the Student Services Fee. Twin Cities Campus students who are registered only for research or other independent work are exempt from payment of the Student Services Fee if the work is performed exclusively outside the Twin Cities' metropolitan area (Hennepin, Ramsey, Dakota, Washinton, Scott, Carver, Chisago, Anoka and Wright counties). Any student meeting the Student Services Fee exemption criteria, including Extension students, may elect to pay the fee.

All non-citizens are required to pay the Student Services Fee. See section on University Health Service, page 48, for explanation.

Distribution of the Student Services Fee for each campus is shown below:

TWIN CITIES CAMPUS	MORRIS CAMPUS
\$ 1.15—Board of Publications (Daily)	\$12.00—Health Services
23.50—Health Service	Student Activity Fee:
1.25—Minnesota Student Association (MSA)	4.00—Activity Fee Grants
12.50—Minnesota Union	2.30—Cultural Activities
4.72—Intramural and Extramural Sports	7.40—Intercollegiate Athletics
1.88—Regents Aid Fund	3.00—Intramurals and Recreation
.20—Music	3.00—Students' Activities
.15—International Programs	1.40—Student Association
.05—Student Ombudsman Service	1.20—Student Newspaper
.10—College Boards	7.58—Cultural Events—Union Board
\$45.50—TOTAL	1.12—Reserve
	\$43.00—TOTAL

## DULUTH CAMPUS

\$ 6.00—Intercollegiate Athletics
.... —Intercollegiate Athletics Reserve
.65—Intramural—Recreation
.25—College Women in Sports
* —Convocations
9.00—Health Service
5.50—Kirby Student Center
*1.55—Kirby Program Board
.25—Kirby Coffee House
3.75—Kirby Student Center Reserve
.65—Music Organizations
.40—Theater
1.00—Theater Reserve (Duluth)
.70—KUMD-FM
.10—Speech Clinic
.15—Debate
1.20—Student Aid Fund
.15—Foreign Student Development Fund
.20—Student Directory and Handbook
.30—Supportive Services
.90—UMD Student Association
.20—Student Organization Loan and Grant Fund
1.00—Statesman
.10—Statesman Literary Supplement
<hr/>
\$34.00—TOTAL

\*Convocation support shifted to Kirby Program Board

## CROOKSTON CAMPUS

\$ 7.00—Health Service
9.50—Athletics & Intramural Sports
2.00—Student Publications
3.00—Student Activities
2.50—Concerts & Lectures
4.00—Student Union
2.00—Student Senate
<hr/>
\$30.00—TOTAL Quarterly (for students taking 6 or more credits)

## WASECA CAMPUS

\$ 5.00—Health Service
1.50—Student Government
3.00—Concerts and Convocations
7.00—Intramurals and Athletics
9.00—Student Activities
2.50—Student Publications
2.00—Student Union
<hr/>
\$30.00—TOTAL

## **International Student Health Fee**

All non-citizens are required to pay an international student health fee of \$8 each quarter. See section on University Health Service, p. 48, for explanation.

## **International Student Aid**

International students are also required to pay \$4 per quarter to establish a fund for educational assistance.

## **Minnesota Public Interest Research Group (MPIRG)**

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

A student may decline to pay the one dollar per quarter fee at the time of registration or obtain a refund of the fee at a location and date which 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>Course Fees</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 re-entering the University, no fee.)		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.	
<i>Credentials Examination Fee</i>		<i>Music Practice Fees</i>	
Undergraduate	\$10.00	For rent of pianos, organs, and music practice rooms. Rates are given in the <i>Class Schedule</i> issued at registration.	
Graduate School	\$15.00	<i>Placement Service Fee</i> —required of degree candidates from:	
<i>Dentistry Examination Fee</i>	\$26.00	Duluth	\$10.00
For examination to determine advanced standing in Dentistry.		College of Education (except Nursing Education majors)	\$15.00
<i>Deposits</i>		Morris (optional)	\$15.00
Art	\$ 5.00	<i>Late Fee</i> —for late registration	
Biochemistry (Ag)	\$ 5.00	Through first week of classes	\$ 6.00
Biochemistry (Med)	\$ 5.00	Through second week of classes	\$10.00
Chemistry	\$10.00	Third week of classes and thereafter	\$20.00
Pharmacy	\$ 5.00	<i>Record Service Fee</i>	\$ 3.00
To cover cost of materials and breakage.		This fee, required of all new students, provides 3 certified copies of student records.	
<i>Duplicate Diploma Fee</i>		Each additional copy	\$ 1.00
To replace large diploma	\$10.00	At Duluth, \$1.00 required each time student requests 1-3 certified copies of his student record. When more than 3 copies of transcripts are required, a charge of \$1.00 will be made for each additional copy.	
To replace small diploma	\$ 7.50	<i>Special Examination Fee</i>	\$20.00
<i>Graduation Fee</i> (including small diploma)		<i>Speech and Hearing Clinic Fees</i>	
Each degree	\$10.00	See <i>Class Schedule</i> issued at registration.	
<i>Hospital Insurance Fee</i> (Duluth)		<i>Thesis Binding Fee</i>	
Per quarter	\$13.70	Master's thesis	\$ 5.00
Required of all students taking 6 or more credits unless carrying equal hospital insurance		<i>Thesis Examination Fee</i>	
<i>Large Diploma Fee</i>	\$ 7.50	For professional engineer degree \$15.00	
Any graduate may get a large diploma in place of a small one, by paying this fee in addition to the graduation fee.		<i>Thesis Publication Fee</i>	
<i>Microscope Rental Fee</i>		Ph.D. thesis	\$25.00
Partial use, one quarter	\$ 3.00		
Continuous use, one quarter	\$ 6.00		
<i>Laboratory Fee</i>			
Fees charged to cover the material used in classroom work. See <i>Class Schedule</i> for list of individual courses.			
	\$ 4.00		

## Refunds

If you cancel all or part of your registration before 6 weeks of any quarter have passed, you are entitled to refund of tuition, student services fee, and course fees on this basis: Before the quarter begins, you get full refund; if you cancel within the first week, you get 90 percent; within the second, 80; third, 70; fourth, 60; fifth, 50; sixth, 40. After the sixth week there is no refund.

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

## **Nonresident Student Rates**

Nonresident tuition rates are charged 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 a person who moves to Minnesota, and who is a student, may not be able to demonstrate that he is acquiring residence here. Thus, the student from out of state who intends to establish Minnesota residence must assume the burden of proving conclusively that he has been a resident for the requisite time and that he intends to make his permanent home in this state.

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

When a student's classification may be changed, it is his responsibility to initiate action, for either loss or establishment of residence. If there is any question about his classification, resident or nonresident, the student should apply to the Office of Admissions and Records for consideration of his status. Reclassification must be in writing.

Under the terms of the Minnesota-Wisconsin Interstate Compact, a limited number of students living in either state may attend public educational institutions in the other state without paying nonresident tuition rates. Minnesota residents may obtain application forms and information from the Minnesota Higher Education Coordinating Commission, Suite 400 Capitol Square Building, 550 Cedar Street, St. Paul, Minnesota 55101. Wisconsin residents should contact the Interstate Compact Program, State of Wisconsin, Higher Educational Aids Board, 115 W. Wilson Street, Madison, Wisconsin 53072.

### **RESIDENCE REGULATIONS AND REVIEW PROCEDURES APPROVED BY THE BOARD OF REGENTS DECEMBER 4, 1970 EFFECTIVE FOR SPRING QUARTER, 1971**

#### **Residence Regulations**

Nonresident students shall pay an additional fee to be determined by the Board of Regents except as otherwise specifically indicated by Board Action.

A Board of Review for Residence Classification, made up of five staff members and three students of the University, with the Director of Admissions and Records or his representative, ex officio, passes on all doubtful or disputed cases of residence classification. In making its decisions, the board is guided by the following basic rules:

1. No student is eligible for residence classification unless he or, if he is a minor, the person from whom he derives residence is a bona fide domiciliary of this state and has lived in this state substantially continuously for at least one year immediately prior thereto.
2. For the purpose of these regulations, the term residence and domicile are synonymous. In general, domicile is the place where a person actually resides with the intention of making it his true, fixed, permanent home, and principal establishment, and to which whenever he is absent, he has the intention of returning. The fact of physical presence at the dwellingplace 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. As, normally, the sojourn in this state of a student from another state for the sole purpose of attending school is not residence; it is presumed that a nonresident at the time of his enrollment continues in that classification throughout his presence as a student except where it can be proved that his previous domicile has been abandoned and a new one established independently of the school and his attendance thereupon.

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, or automobile registration; continued presence in Minnesota during vacation periods.
6. An unmarried minor does not have the legal capacity to establish his 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 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 be living; or
  - e. That of a "natural" guardian, such as grandparent or other close relative with whom the minor in fact makes his home, where the parents are dead or have abandoned the minor.
  - f. If a Minnesota resident parent or guardian of a student currently enrolled at the University of Minnesota moves his residence to another state, the student shall retain residence status for at least one year.
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 whose normal familial relations with, and reasonable expectation of support from, his parents have been dissolved and (1) who has resided in this state substantially during the years of minority and for one year immediately preceding the date of registration, or (2) who without being enrolled in school, has been self-supporting and employed on substantially a full-time basis in this state for at least eighteen months immediately preceding the date of initial registration.
9. An alien student may be considered for resident status if 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 he can present documentary evidence from immigration officials or consular officials in his home country that he is eligible for resident alien status under specified conditions.
10. These residence regulations shall become effective with Spring Quarter of 1971.

#### **Residence Review Procedures**

##### *Initial Classification and Appeal*

Registering under proper residence and advising the Office of Admissions and Records of possible changes in residence is the responsibility of the student.

Questions of a student's residence under the rules of the Board of Regents should be raised with the Office of Admissions and Records on 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 under procedures prescribed by the Director of Admissions and Records.

A student may appeal from the initial classification by filing with the Director of Admissions and Records within thirty days after being notified of the classification, a written notice of appeal. The notice shall specify reasons for the appeal and shall include a complete statement of the facts on which it is based, together with supporting affidavits or other documentary evidence. Failure to file the notice of appeal within thirty days shall constitute a waiver of any right from the initial classification.

A student may first appeal to the office of University Attorney for a review of the evidence. The University Attorney or his designee may conduct a review of the record only, or give the appellant an opportunity to produce additional documentary evidence but shall not be required to conduct a formal hearing. If the appeal is sustained by the University Attorney or his designee, the record shall be returned to the Office of Admissions and Records for appropriate administrative action. A student may appeal to the Board of Review for Residence Classification for

further consideration and action. The appellant shall be entitled, at his request, to testify before the Board of Review.

#### *Reclassification and Appeal*

A student, having been initially classified a nonresident and having decided that he has since become a resident, may initiate action to effect a change by filing with the Office of Admissions and Records a petition which shall include a statement of the facts on which he bases his belief, together with supporting affidavits of documentary evidence.

If the petitioner is dissatisfied with the finding of the Office of Admissions and Records, he may appeal to the University Attorney and the Board of Review for Residence Classification in the same manner as prescribed for appeals from initial classification.

#### *Erroneous Classification*

If any student who has been classified as a resident student shall be determined to have been erroneously so classified, he shall be reclassified as a nonresident student, and if the cause of his incorrent classification shall be found to be due to any material concealment of facts or false statement made by him at or before the time of his original classification, he shall be required to pay all tuition fees which would have been charged to him except for such erroneous classification and shall be subject also to appropriate discipline in accordance with University policies.

#### *Effective Date*

These procedures shall become effective in the Spring Quarter of 1971.

## **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 preparing for professional courses 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 included are 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, ice skating. Excellent facilities are close to both campuses.
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*—Men students who meet the rules of eligibility for competition in intercollegiate athletics, as set forth in the most recently revised *Handbook* of the conference commonly known as the Big Ten or Western Conference, are invited and encouraged to report to the coach for a tryout in each intercollegiate sport in which they are interested.

The University of Minnesota was one of the founding members of the conference 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. 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.

## TENTATIVE UNIVERSITY CALENDAR\*

### Academic Year 1973-74

August 13-September 21		Fall registration. Orientation program for new students. (Dates for the various colleges will be announced in mailed instructions.)
July 16**	Monday	Last date applications for fall admission to the undergraduate colleges or for change of college within the University can be assured full consideration.
August 24	Friday	Graduate School application deadline for fall quarter
September 1	Saturday	Last date applications for fall admission as adult special student in CLA can be assured full consideration
September 3	Monday	Labor Day, holiday
September 5-9		Welcome Week—Crookston Campus
September 10	Monday	Fall quarter classes begin—Crookston Campus
September 13	Thursday	Last day for payment of fall quarter fees for students registered through September 8
September 15	Saturday	Orientation and registration—Waseca Campus
		Last date applications for fall admission for adult special in IT and Business Administration can be assured full consideration.
September 16	Sunday	Parents' Day—Twin Cities Campus
September 16-21		Welcome Week—Twin Cities Campus
September 16-23		Orientation and registration—Morris Campus
September 21	Friday	Last day for registration and payment of fees for undergraduates including adult special students, except teachers in service

#### Fall Quarter—1973

September 24	Monday	Fall quarter classes begin
September 28	Friday	Last day for registration and payment of fees for Graduate School and teachers in service
October 13	Saturday	Homecoming—Crookston Campus (Fergus Falls J.C.)
October 20	Saturday	Homecoming—Morris Campus (University of Wisconsin, Milwaukee Campus)
October 22	Monday	Morris Assembly, 4:00 p.m.
October 23	Tuesday	Duluth Assembly, 3:30 p.m.

\* This calendar includes most, but not all, events for all campuses of the University except Crookston. Some variations are desirable at Duluth, Morris, Crookston and Waseca. Students on those campuses will be informed of variations and differences by officials on those campuses.

\*\* Students applying to or planning to transfer to colleges, schools, and programs other than CLA and General College should consult the appropriate college to determine the deadlines. Many of these are different from that indicated above.

October 25	Thursday	Twin Cities Assembly, 3:30 p.m.
October 27	Saturday	Homecoming—Twin Cities Campus (University of Michigan)
November 15**	Thursday	Last date applications for winter admission to the undergraduate colleges or for change of college within the University can be assured full consideration
November 21	Wednesday	End of fall quarter—Crookston Campus
November 22	Thursday	Thanksgiving Day, holiday
November 23	Friday	Civil Service floating holiday
November 23-24		Classes excused (except Medical School)
November 27	Tuesday	Winter quarter classes begin—Crookston Campus
November 29	Thursday	Senate meeting, 3:30 p.m.
December 1	Saturday	Last date applications for winter admission as adult special student in CLA can be assured full consideration
December 4	Tuesday	Last day of instruction
December 5	Wednesday	Study day Duluth Assembly, 10:00 a.m.
December 6-12		Graduate School application deadline for winter quarter Final examinations
December 12	Wednesday	All-University Commencement—Twin Cities Campus 7:30 p.m. Individual collegiate graduation events may be held throughout the quarter. Check college office. End of fall quarter
December 13-28		Orientation program period, registration and payment of fees for new students in some undergraduate colleges. <i>Other colleges will announce dates in mailed instructions.</i>
December 15	Saturday	Last date applications for winter admission for adult special students in IT and Business Administration can be assured full consideration
December 18	Tuesday	Last day for payment of winter quarter fees for undergraduates in residence fall quarter including adult special students, except teachers in service Orientation and registration—Waseca Campus
December 24	Monday	Civil Service floating holiday
December 25	Tuesday	Christmas Day, holiday
January 1	Tuesday	New Year's Day, holiday

\*\* Students applying to or planning to transfer to colleges, schools, and programs other than CLA and General College should consult the appropriate college to determine the deadlines. Many of these are different from that indicated above.

### Winter Quarter—1974

January 3	Thursday	Winter quarter classes begin
January 9	Wednesday	Last day for registration and payment of fees for Graduate School and teachers in service
January 29	Tuesday	Duluth Assembly, 3:30 p.m.
January 31	Thursday	Twin Cities Assembly Meeting
February 11	Monday	Morris Assembly, 4:00 p.m.
February 15**	Friday	Last date applications for spring admission to the undergraduate colleges or for change of college within the University can be assured full consideration
February 18	Monday	President's Day, Civil Service floating holiday
February 22	Friday	End of winter quarter—Crookston Campus
February 28	Thursday	Senate meeting, 3:30 p.m.
March 1	Friday	Last date applications for spring admission as adult special student in CLA can be assured full consideration
March 1	Friday	Graduate School application deadline for spring quarter
March 4	Monday	Spring quarter classes begin—Crookston Campus
March 14	Thursday	Last day of instruction
March 15	Friday	Study day Duluth Assembly, 10:00 a.m. Last date applications for spring admission for adult special students in IT and Business Administration can be assured full consideration
March 16-22		Final examinations
March 19	Tuesday	Last day for payment of spring quarter fees for undergraduates in residence winter quarter including adult special students Orientation and registration—Waseca Campus
March 22	Friday	Individual collegiate graduation events may be held throughout the quarter. Check college office. End of winter quarter
March 25-27		Orientation program period, registration and payment of fees for new students in some undergraduate colleges. <i>Other colleges will announce dates in mailed instructions.</i>

### Spring Quarter—1974

April 1	Monday	Spring quarter classes begin
April 3	Wednesday	Last day for registration and payment of fees for Graduate School and teachers in service

\*\* Students applying to or planning to transfer to colleges, schools, and programs other than CLA and General College should consult the appropriate college to determine the deadlines. Many of these are different from that indicated above.

April 14	Sunday	Easter
April 23	Tuesday	Duluth Assembly, 3:30 p.m.
April 25	Thursday	Twin Cities Assembly meeting
April 29	Monday	Morris Assembly, 4:00 p.m.
May 17	Friday	End of spring quarter—Crookston Campus
May 20	Monday	Graduate School application deadline for first term of Summer Session
May 23	Thursday	Senate meeting, 3:30 p.m.
May 27	Monday	Memorial Day, holiday
June 7	Friday	Last day of instruction Duluth Assembly, 10:00 a.m.
June 8	Saturday	Study day
June 10-15		Final examinations
June 15	Saturday	Commencement, "The Mall," 7:30 p.m., Provost's Reception after Commencement— Morris Campus. Commencement, 8:00 p.m.—Duluth Campus All-University Commencement—Twin Cities Campus, 7:30 p.m. Individual collegiate graduation events may be held throughout the quarter. Check col- lege office. Commencement—Waseca Campus End of spring quarter

#### Summer Quarter—1974 (Waseca only)

June 18	Tuesday	Orientation and registration
June 24	Monday	Summer quarter classes begin
July 4	Thursday	Independence Day, holiday
September 2	Monday	Labor Day, holiday
September 13	Friday	End of summer quarter

#### Summer Session—First Term 1974

June 17	Monday	Orientation and registration for new students First term fees due
June 18	Tuesday	First term classes begin
June 24	Monday	Graduate School application deadline for second term Summer Session
July 4	Thursday	Independence Day, holiday
July 19	Friday	Last day of term
July 19	Friday	Individual collegiate graduation events may be held throughout the session. Check col- lege office. End of first term

**Summer Session—Second Term 1974**

July 22	Monday	Registration for second term, fees due
July 23	Tuesday	Second term classes begin
August 23	Friday	Last day of term
August 23	Friday	Commencement, 4:00 p.m.—Duluth Campus All-University Commencement—Twin Cities Campus, 4:00 p.m. Individual collegiate graduation events may be held throughout the session. Check col- lege office. End of second term

**POSSIBLE 1974-75 CALENDAR**

	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>	<i>SSI</i>	<i>SSII</i>
Classes begin	9/23/74	1/6/75	3/31/75	6/18/75	7/23/75
Classes end	12/3/74	3/14/75	6/9/75	7/22/75	8/22/75
Exams	12/5-11/74	3/16-22/75	6/11-17/75		

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