

University of Minnesota **72** **Bulletin**
73

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general information



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UNIVERSITY OF MINNESOTA

General Information Bulletin

1972-1973

- 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 programs 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 nine 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, six 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 throughout the state through its extension services. 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.

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. Eleven 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 next several pages. Bulletins for any collegiate unit are available from the Office of Admissions and Records on the appropriate University campus.

Application Deadlines

Deadlines for freshman and advanced standing applications to most colleges and programs are July 15 for fall quarter admission, November 15 for winter quarter, and February 15 for spring quarter. Depending upon enrollment limitations, some collegiate units may find it necessary to close applications before these deadlines. Some collegiate units may accept applications beyond the stated deadline, 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 May 15 and November 1 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 April 15

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)—June 1

College of Pharmacy—between October 15 and June 15

College of Biological Sciences—June 15 for fall quarter; Oct. 15, Jan. 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 specified quarter. Applications are valid for 1 year following the quarter in which the student originally intended to enroll. Application forms are 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 (\$15 for graduate students and Law School). The check, bank draft, or money order should be made payable to the University of Minnesota.

Students may not apply simultaneously to different colleges on a single campus. However, colleges and campuses of the University will consider an application 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 first two pages of the Minnesota College Admissions Form and return the form to the high school counselor. The counselor will fill in the last two pages, or attach a high school transcript, and mail the form 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. Three colleges (CLA, Duluth, and Morris) require their freshman applicants to take the Minnesota Scholastic Aptitude Test in addition to the ACT. The Minnesota Statewide Testing Program is now reviewing its testing requirements for freshman applicants, and may make some changes for freshmen entering Minnesota colleges in fall 1973 or after. Announcements of any changes in the testing requirements will be made through the high school counselors. Information will also be available from the Office of Admissions and Records.

Other entrance requirements such as 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 pre-college 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 in special sections of this bulletin.

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 are considered freshmen for admission pur-

poses, and should follow the freshman application procedures described in the preceding section.

Candidates for baccalaureate degrees in most colleges 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 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.) 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 in the section on individual college admission requirements.

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.

For transfer of course work from unaccredited institutions, see the section on Credit by Examination.

To facilitate the transfer process, new advanced standing students should bring bulletins carrying course descriptions from their previous college to the program planning conference they have with a college adviser before the initial registration at the University.

Credit by Examination

University students may earn credit for many courses without formal registration in them through satisfactory completion of special examinations. In some cases these examinations may allow students credit for otherwise inadmissible previous college work (such as work earned at an unaccredited college). These special examinations include both the College Level Examination Program (CLEP) tests and examinations offered for credit and placement by individual colleges or departments. They should be taken during the student's first quarter at the University. Additional information on credit by examination is available from the college office of enrolled students. Continuing Education and Extension handles arrangements for such tests for students who have not been admitted to a college of the University. See also the sections on Admission by Examination and Admission with Advanced Placement.

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 character and 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 to the Graduate School. These must be received, complete in every detail—one official transcript from each college attended, the credentials examination fee, and test results, if required—at least 4 weeks prior to the opening of the quarter or summer term in which the applicant expects to register.

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, 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 near the beginning of the Admissions section.

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 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 section on the Institute of Technology 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.

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. 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

Special examinations for admission 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. See also section on Credit by Examination.

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.)

Post-Admission Procedures and Services

Entrance Health Requirements

Students being admitted to colleges on the Twin Cities Campus of the University will be mailed information regarding the completion of a Health History Form which will become part of the permanent medical record. A complete physical examination is not required, but newly admitted students should request their physicians to send a brief letter to the Director, University Health Service, University of Minnesota, Minneapolis, Minnesota 55455. The letter should include any details or instructions the Health Service should know regarding any significant past illness and/or current medical problem for which the student is being treated.

Students participating in interscholastic sports or registering in the College of Education must have their private physicians send to the University Health Service a statement on their general health and fitness to engage in vigorous forms of physical activity. Students registering in medicine, dentistry, nursing, or education must take a tuberculin test and/or chest x-ray within 1 year of admission. These are offered without charge during the first 2 weeks of the quarter at the University Health Service.

Students entering the University of Minnesota Duluth or Morris must return their physical examination forms to the Health Service on those campuses. Crookston Campus students will not be required to submit health examination forms.

Orientation and Registration

ORIENTATION-REGISTRATION PROGRAM

In this program the new student is asked to participate in activities which include testing, counseling, general registration procedures, and small group discussion sessions. The program varies slightly for each of the colleges and schools to meet individual college requirements. When a student is admitted he is sent a brochure describing the Orientation-Registration Program from the Office of Admissions and Records. At a later time, the college in which he is enrolled informs him when he is to attend orientation. When the students report for orientation, they are assigned to groups of about 25 students according to the college of their choice. These groups are under the leadership of an upperclass leader whose responsibilities are to give information, to guide the group about the campus for group appointments, and to give the student individual attention. The new students complete registration after individual appointments with faculty members and advisers. Students may arrange for part-time employment and the purchase of books and supplies 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 of the Office for Student Affairs. Registration is under the direction of the Recorder's Office. The program for most transfer students can be completed in 1 day.

The Duluth Campus conducts a similar program for the benefit of new students. It is a cooperative program sponsored by Student Personnel Services and the Student Association. Detailed information will be furnished each student following his admission.

The University of Minnesota, Morris conducts its registration for all freshmen and other new students during its orientation program the week prior to the start of the fall quarter. Discussion of college requirements, course selection, advanced placement, individual advising, and registration are all part of these activities. Detailed information concerning the orientation and registration program will be furnished each student following his admission. A *Freshman Handbook* is mailed to first-year students during the summer.

The University of Minnesota Technical College, Crookston conducts a 3-day orientation program for all new students before the start of the fall quarter. Discussion of college requirements, faculty advisement, course selection, and registration are included in the program. Detailed information will be mailed to each new student admitted to the college.

The orientation process for students at the University of Minnesota Technical College, Waseca begins with a visit by a campus counselor to each newly admitted student, usually in the student's home. There is a 1-day Orientation-Registration program on campus which includes an introduction to campus facilities, individual program planning, and course registration. Parents are invited.

A special orientation day (or days) is held for students who are transferring from colleges outside the University to colleges on any campus. This orientation program usually occurs just prior to the beginning of the quarter. Students will be notified by mail of the exact date(s).

OTHER ORIENTATION ACTIVITIES (Twin Cities Campus)

Freshman Camp—The Orientation Office sponsors a special weekend

program shortly before fall quarter begins for all entering freshmen on the Twin Cities Campus. This second step in the orientation process introduces new students to the University faculty, staff, and other students in an informal atmosphere.

Students and faculty together discuss the University's role and the student's role in intellectual and vocational development, the concern for aesthetic awareness, and human relations. The focus throughout the programming is on the new student and his personal development at the University.

The setting for this experience is one of seven camp sites near the Twin Cities. This atmosphere provides the ideal opportunity for an informal yet intense dialogue among incoming freshmen, upperclass students, and outstanding faculty.

Participation in this popular program is optional, but the nominal fee and the opportunity to meet fellow students and teachers make it a valuable, highly recommended weekend. Students reserve places at Freshman Camp during the on-campus Orientation-Registration program.

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 Freshman Camp, 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, 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 Freshman Camp, but these are "one-theme" weekends. Recent discussion topics included ecology, psychic phenomena, perception, educational reform. More details on the eight weekends, planned for winter and spring quarters, will be announced in the *Minnesota Daily*.

Impact-Listening Groups—Another of the continuing orientation programs is the Impact-Listening Group. Designed to provide a kind of "home-base," a group with which students can identify, the group also aids in developing the student's personal experiences at the University with other interested people. Listening groups will provide an informal atmosphere for the free exchange of ideas among new students. They will also offer an opportunity to meet new friends. Each group consists of one student participant-leader and eight to 10 new students who will meet weekly for an hour and a half. A sign-up card for an Impact-Listening Group is sent with orientation materials.

COLLEGES OF THE UNIVERSITY

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 will go into effect fall quarter, 1972. The grading systems vary according to campus, but will involve two basic systems: A-B-C-D-No Credit (in Morris, A-B-C-No Record) and Satisfactory-No Credit (in Morris, Satisfactory-No Record). Twin Cities students will have a maximum time limit of one 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. Crookston and Waseca campuses will retain the A-B-C-D-F and Pass-No Credit systems.

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 a degree.

First, a student must meet all the course, credit, and grade average requirements of the school, college, or division of the University 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, he must meet all financial obligations to the University.

College Degrees, Curricula, Admission Standards

The pages that follow outline the degrees, curricula, and admission requirements of the University's colleges. 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; Agricultural Science and Industries (with majors in agricultural economics, agricultural education, agricultural engineering technology, animal science, plant and animal protection, and plant and soil science); Biological and Physical Sciences in Agriculture (with majors in animal science, entomology, food science, and plant and soil science); Fisheries and Wildlife; Food Science and Industries (with areas of emphasis in chemistry, industrial engineering, management,

microbiology, nutrition, and public health); Resource and Community Development (with majors in landscape architecture, recreation resource management, resource economics, soil and water resource management); and Technical Communication.

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 with respect to the major areas included in the college should be as outlined below.

Agriculture—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.

Preveterinary Medicine—3 units in English, 1 unit in elementary algebra, 1 unit in higher algebra, 1 unit in plane geometry, and 1 or more units in natural science or agriculture. Students wishing to prepare for entrance to the College of Veterinary Medicine should apply for admission to the College of 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 by 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 of 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 (Twin Cities)

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 chemistry 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.

Program in Dental Hygiene (Duluth)

A Dental Hygiene Program accommodating 16 students per class will be in operation in September 1972. The 2-year curriculum, commencing only in the fall, is composed of courses in liberal arts, basic science, dental science, and clinical practice in relatively equal proportions.

Successful completion of the 2-year curriculum qualifies the student to take the National and State Board examinations necessary for licensure to practice.

Course work in this program plus additional courses in another core area of concentration may be combined to earn a baccalaureate degree.

School of Dentistry

Dentistry Program—A minimum of 2 years of pre-dental 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 Dental 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, Ph.D. degrees, and the specialist certificate. The college administers the bachelor of science and master of education programs. The Graduate School administers other advanced degree programs offered in the College.

Joint programs exist between the College of Education and the Institute of Technology, completion of which results in a baccalaureate degree from the Institute of Technology and a master of education degree from the College of Education.

Master of education degrees, involving a fifth year of professional study, are offered in agricultural education, art education, home economics education, mathematics education, music education, physical education for men and women, recreation and park administration, and school health education. Students in these and in other areas may also wish to inquire about programs in the Graduate School.

Advanced programs are available for administrative, supervisory, counseling, and research positions and for the various psychological services in schools and colleges. Such programs lead to the master of arts, doctor of education, doctor of philosophy degrees or to the specialist certificate. The programs are administered by the Graduate School.

Teacher education programs at the University of Minnesota, Morris; the University of Minnesota, Duluth; and the College of Education in Minneapolis lead to state certification in elementary and secondary education.

Admission Requirements—Enrollment limitations restrict the number of applicants for admission to the college who can be accepted in elementary education and secondary academic teaching areas, physical education, recreation and park administration, and art. Not all students completing the preparatory curricula can expect to be admitted to the college.

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, 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. Due to enrollment limitations within the college, the Admissions Committee cannot accept all candidates who complete the pre-education curriculum.

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 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, and natural science. Distribution of these units with respect to the major areas included in the college program should be as outlined below.

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 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; Costume Design; Dietetics and Community Nutrition; Design; Family Relationships; Fashion Merchandising; Food and Nutrition Science; Foods in Business; 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 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 with respect to the major areas included in the college program should be as outlined below.

3 units in English, 1 unit in elementary algebra, 1 unit in plane geometry, and 1 unit in higher algebra or equivalent courses. A student expecting to major in interior design, costume design, design, or housing need present only 1 unit in mathematics—elementary algebra. (An increase in mathematics requirements for these 4 programs is anticipated for students entering in 1973-74 and after. A student entering a program not requiring 3 units of mathematics must make up any deficiency if he changes programs.)

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 administration 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 who enroll at the University expect their educational experience to strengthen their understanding of the world and their fellow men, to broaden their 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 human service—objectives consonant with the concept "liberal education." 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.

In seeking such goals, no two College of Liberal Arts students follow exactly the same path. But all combine work in the humanities, the social sciences, and the natural sciences (which include mathematics) with concentration in areas they select from the college's 50 departments and programs.

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

The Bachelor of Arts Degree—This 4-year program, the one most widely selected in the college, combines broad general education with concentrated major work in one or sometimes two of the areas listed below. Two routes toward the B.A. are available, one requiring more foreign language study than the other. The following majors are offered:

Afro-American studies, American Indian studies, American studies, anthropology, architecture, art history, biology,* chemistry, child psychology, communication disorders, 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, sociology, social welfare, South Asian languages, Spanish, speech-communication, statistics, studio arts,* theatre arts, urban studies.

* Because of limitations on space and teaching staff, admission at the junior or senior year to these two majors may be restricted; it is imperative that you apply as early as possible.

The Bachelor of Fine Arts Degree—This program affords professional education for talented students who look toward careers in music, art, or theatre. The program provides both breadth of background and 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 are as indicated above for the B.A. in studio arts.

The Bachelor of Elected Studies Degree—This program permits students wide individual freedom of choice in working toward degrees. It prescribes the same quality and quantity standards as do other 4-year degrees, but it leaves selection of courses and degree of concentration entirely to its students. Instituted in 1971 as an experimental degree program, it is limited to 500 entrants (freshmen through beginning juniors) 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.

The Bachelor of Science Degree—This degree is new in the college and programs that earn it are just being developed. The major allows heavier concentration in one area than does the B.A. degree.

The 2-Year Associate in Liberal Arts Degree—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 usually thought contributory to a liberal education. Hundreds of freshman and sophomore courses are available for selection.

Interdepartmental and Special Opportunities—Students whose needs are not met by these degree patterns may plan interdepartmental programs. These programs, tailor-made to individual needs, bring work from different areas into integrated patterns. The college's Office of Special Learning Opportunities aids in planning such programs and in providing information about other special study possibilities: independent study, credits by examination, directed study, and others.

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 (1-3 years) is offered by the college. These units are the Medical, Law, Dentistry, and Nursing Schools and the Colleges of Pharmacy, Biological Sciences, and Business Administration. Liberal arts preparatory work is also required for programs in medical technology and occupational and physical therapy.

Honors Opportunities—Special opportunities for highly qualified and well-motivated students are offered by the college: special advisers, honors sections, courses, colloquia and seminars, independent study, admission to advanced courses, opportunities for attendance at artistic events, and participation in community activities. Honors students may thus combine the University's range and diversity with the intimacy and individual attention characteristic of the small college—the best of bigness and smallness. Qualified entering freshmen are invited to apply for honors programs (top-rank high school seniors may initiate inquiry about them). Transfer students must present and hold at least B averages 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 the student's high school percentile rank and his percentile rank among university freshmen on a college aptitude test). Applicants whose CAR is 60 or higher are almost always admitted; those in the 50-60 range are reviewed individually. The number admitted, under the University's planned-growth

policy, depends on staff and facilities available. Applicants whose CAR is above 50 are urged to apply; in recent years most have been admitted.

Applicants should 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. Three must 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.

Well-qualified students may be admitted without meeting the stated requirements. 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 that those who seek B.A. degrees earn as many high school foreign language units as possible.

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 field they hope to enter.

Medical School

Course in Medicine—This program of study leads to the degree 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 appro-

appropriate assessment and therapeutic procedures to maintain, improve, or restore the functional capacities of the individual whose health is impaired or threatened by disease or injury. Methods of assessment include tests to assist in diagnosis, and to determine the degree of impairment of relevant 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 members 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. This 4¼-year 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.

University of Minnesota School of Medicine, Duluth—Duluth will admit its first class of students in September 1972, and the curriculum will cover the first 2 years of medicine. Students can then elect to transfer to either the University of Minnesota Medical School in Minneapolis under a well-established

lished mechanism for completion of the requirements for the degree of doctor of medicine or to any other degree-granting school.

All correspondence relating to admissions should be directed to: Assistant Dean, Admissions and Student Affairs, School of Medicine, University of Minnesota, 2205 East Fifth Street, Duluth, Minnesota 55812.

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 Mortuary Science department.
5. A grade point average of at least 2.00 (C) computed in each of the following ways: (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 (2.0) 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 neces-

sary 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 either medical-surgical or psychiatric nursing 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 offered to those selected candidates in the third professional year who have applied for this professional degree program. It entails an additional year in the professional program in such areas as patient orientation in a variety of clinical settings such as to qualify the candidate to perform such health services as are required in the modern system of team approach to the delivery of health care.

School of Public Health

Advanced courses for specialists in a number of public health fields lead to Master's or Ph.D. degrees. Liberal training stipends for suitably qualified students are available through the School of Public Health in all of the following fields.

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 specializing 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 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 4 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 acute 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 services 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. Suitable 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.

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 12-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 12-month program developed in collaboration with the Department of Physical Medicine and Rehabilitation and leading to a Master's degree.

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. Mental 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 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—An 11-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.

- Department of Aerospace Engineering and Mechanics
- Department of Agricultural Engineering
- Department of Chemical Engineering and Materials Science
- Department of Chemistry
- Department of Civil and Mineral Engineering
- Department of Computer, Information, and Control Sciences
- Department of Electrical Engineering
- Department of Mechanical Engineering

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.

Engineering intern programs in aerospace engineering and mechanics, agricultural engineering, civil engineering, and mechanical 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") should complete 4 years of high school mathematics; courses in physics and chemistry are strongly recommended. If these courses are unavailable in the student's high school, consideration should be given to available correspondence courses (see *Independent Study Bulletin*) and extension classes (see *Continuing Education and Extension Classes Bulletin*). Requirements for admission to IT include the following:

1. Course requirements

- a. Twelve units completed in grades 10-12, including 3 units in English.
- b. Four years of high school mathematics.

If a student lacks either a half unit in algebra or a half unit in geometry, or a half unit in both of these subjects, he can be admitted on the condition that he make up his deficiency by the end of his first quarter in residence (without IT credit). However, every effort should be made to avoid the added burden caused by mathematics deficiencies. Such deficiencies should be made up, if possible, during the summer or any other period preceding registration in IT—through correspondence, extension, or summer school courses.

- c. Courses in physics and chemistry are strongly recommended.

2. Academic Standing beginning with the 1973-74 school year:

- a. Students who have a high school rank of 90% ile or above, or a high

school GPA of 3.2 or above and who have completed physics and chemistry and four years of mathematics will be admitted automatically with no further tests required.

- b. Any student who wishes may submit his application based on an I.T. Aptitude Rating computation. The equation used involves high school percentile rank and ACT test scores. The equation is as follows: $ITAR = HSR (\%ile) + 2 (ACT_{MATH} + ACT_{NatSci})$. 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 Math 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.

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. By their nature, all of University College's specific programs are, therefore, 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 three actual or potential degree-granting programs: The Inter-College Program, the Experimental College, and University Without Walls.

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 individual needs. He should be at least a third-quarter sophomore who has completed 1 full quarter or its equivalent at the University of Minnesota before he is eligible for admission, and if he is accepted into a degree program, he 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 by means of guidance committees and quarterly learning contracts; there are no formal courses as such, but the student may include in his 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 interdependent-learning atmosphere in the college.

University Without Walls (331 Nolte Center for Continuing Education) is the newest unit of University College, having begun as a pilot program in fall 1971 and approved for degree-granting status in spring 1972. The particular population which UWW serves is 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.

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 3-075. 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 of education for veterinary medicine requires at least 2 years of preprofessional college education in a specified area, in addition to 4 years of professional education 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 pre-veterinary 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 medical students enrolled in the College of Agriculture. Additional course work beyond the minimum requirements for admission may provide a better preparation for the development of an individual toward his professional goal. Inquiries for spe-

cial 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.

University of Minnesota, Duluth

Eight 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 master of science (M.S.); the master of arts (M.A.); and the master of social work (M.S.W.). The Specialist Certificate in education may be obtained also. Preprofessional programs for transfer to other campuses are available.

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, or in speech pathology. It has been authorized by the Graduate School 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. A biology major is available under a Plan B program and the geology and chemistry majors are also available under the Plan B program.

A new School of Medicine has been established on the Duluth Campus and will admit its first class of 24 students fall quarter 1972. The curriculum will cover the first 2 years of medicine and then students can elect to transfer to either the University of Minnesota Medical School in Minneapolis, under a well-established mechanism, for completion of the requirements for the degree of doctor of medicine, or to any other degree-granting school. The training of an individual for the role as a physician in family medicine will be stressed by virtue of curricular design, clinical experience in three community hospitals and in outpatient and ambulatory care programs, and in-depth exposures to health problems directly involving the family unit. The curriculum is of the "multidisciplinary" or "integrated" approach whereby the traditional first- and second-year medical courses in anatomy, biochemistry, physiology, pharmacology, microbiology, and pathology are interrelated as a 2-year unit dealing first with the normal and then with the abnormal of a medical biological system.

Specialist Certificate is a 2-year program in the fields of elementary, secondary, and general school administration which leads to the certificate Specialist in Education.

Four-year courses leading to a Bachelor's degree offer 33 majors in accounting, art, biology, business administration, business education, chemistry, earth science, economics, elementary education, English, French, general science, geography, geology, German, history, home economics, indus-

trial education, mathematics, music, philosophy, physical education for men and women, physics, political science, primary education, psychology, social science, sociology, Spanish, speech, pathology, and urban studies. Minors in accounting, aerospace studies, art, history, business administration, communications, driver and safety education, humanities, recreation, school health education, science, and special education are also specified. Students planning to teach in the secondary schools combine specific courses in education with the major chosen.

The 2-year course leading to the associate in arts degree is a liberal education program in which each student, in consultation with an adviser, chooses courses to fit his own individual needs. A 2-year dental hygiene program accommodating 16 students per class will begin in the fall of 1972.

Preprofessional courses, designed to meet requirements of professional schools, are available in the fields of agriculture, agricultural education, dentistry, engineering, fishery and wildlife management, forestry, journalism, law, medical technology, medicine, nursing, occupational therapy, pharmacy, physical therapy, social work, theology, and veterinary medicine.

Admission Requirements—Applicants with a college aptitude rating of 40 or more will be considered for admission to preprofessional courses or to curricula leading to the B.A. or B.S. degree. Although no special grouping of high school courses is required, it would be helpful to entering students to have taken a relatively strong college preparatory program in high school. Freshman applicants are required to take the ACT tests.

Students with a CAR below 40 who live within the UMD commuting or service area may be admitted on a selective basis if adequate course offerings are available and if it appears that they will be able to benefit from this experience.

Additional information about entering the University of Minnesota, Duluth can be obtained from the Admissions Office, Administration Building, University of Minnesota, Duluth, Duluth, Minnesota 55812.

University of Minnesota, Morris

The academic program of the University of Minnesota, Morris provides a liberal education leading to the bachelor of arts degree. The curriculum is designed to assist students to develop an understanding of each of the liberal disciplines, as well as develop expertness in a single area of study, their major. A broad liberal education is assured through programs in the humanities, the natural sciences, and the social sciences. In addition, the college offers basic preparation for most of the professions, for students intending to enter teaching, the creative arts, business, or any of several other specialized occupational areas.

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 combine to maximize 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—Minnesota high school graduates with a college aptitude rating (CAR) of 50 or more will be considered for admission to the University of Minnesota, Morris. Applicants with CAR's slightly higher or lower will be individually reviewed by the Admissions Committee, using a multiple set of criteria which includes a weighted prediction of college grade point average, based on the American College Test. The CAR, the high school rank, relevant test information, the distribution of high school courses, and the recommendations of high school officers will also be considered. Students within this group with the best potential for successfully completing a collegiate program will be admitted.

Additional information concerning admission to the University of Minnesota, Morris may be obtained from the Admissions and Scholarships Office, University of Minnesota, Morris, Morris, Minnesota 56267.

University of Minnesota Technical College, Crookston

The Technical College at Crookston offers a 2-year collegiate experience leading to the associate in applied science degree in various career programs of agriculture, business, and hotel, restaurant, and institutional management. The Agriculture Division offers majors in agricultural business, agricultural engineering technology, agricultural production, animal technology, plant and soil technology, natural resources technology, and agricultural services technology. The Business Division offers majors in accounting, marketing-management, business administration, agri-business systems analysis and design, and the executive, legal, medical, agricultural, and educational secretarial fields. The Hotel, Restaurant, and Institutional Management Division awards the associate in applied science degree to those completing a major in hotel management, restaurant management, or institutional management. A core of general education courses supplements each technical curriculum to provide a balanced educational experience.

Admission Requirements—Graduates from an accredited high school, or the equivalent, will be considered for admission. Additional information may be obtained from the Office of Admissions and Financial Aid, University of Minnesota Technical College, Crookston, Crookston, Minnesota 56716.

University of Minnesota Technical College, Waseca

The purpose of the University of Minnesota Technical College, Waseca is to prepare students for semiprofessional positions in the broad fields related to agriculture. The associate of applied science degree is awarded to students completing course requirements.

The curriculum includes approximately one-third general education courses and two-thirds technical courses. The programs being offered include agricultural production, agricultural industries and services, agricultural business, horticultural technology, animal technology, food technology, and home and family services.

Admission Requirements—High school graduates or equivalent will be considered for admission. Each application is considered on an individual basis. Items such as aptitude, interest, and ability to profit from the program offered will be considered. All students are required to take the American College Test and the results must be submitted as part of the application.

Additional information concerning admission may be obtained from the Office of Admissions and Records, University of Minnesota Technical College, Waseca, Waseca, Minnesota 56093.

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 Wesbrook 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 admission 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 Westbrook 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 Westbrook 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)
- Classes, 170 Westbrook Hall, University of Minnesota, Minneapolis, Minnesota 55455 (373-3195)
- Community Programs, 150 Westbrook 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, Minnesota 55812; ([218] 724-8996, 726-8113)
- 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)
- 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, 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)

Radio and Television, 1 Eddy Hall, University of Minnesota, Minneapolis, Minnesota 55455 (373-3177)

Rochester Continuing Education and Extension, 2120 East Center Street, Building 4, Rochester, Minnesota 55901 (507) 288-4584)

St. Paul Continuing Education and Extension Center, 192 West 9th Street, St. Paul, Minnesota 55102 (222-7355)

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, and at the Forestry and Biological Station in Itasca State Park.

STUDENT SERVICES

Campus Assistance Center

The Office of Student Affairs has established an office for students who are having difficulty finding answers or solutions to individual (student) problems or concerns. The Campus Assistance Center is open to any academic, personal, or administrative question or inquiry. It offers information, counseling, and referrals to appropriate offices and departments. The CAC is located in 110 Temporary North of Mines and provides a 24-hour telephone service. The number is 373-1234.

Counseling Programs

Professional counselors are available to help students learn more about and better understand their own abilities, interests, personalities, and emotions. These counselors assist students with their progress in college and

with problems related to University life. Students, at one time or another, face questions such as: How can I learn to study more effectively? What vocation shall I plan to enter? How can I best manage my budget? How may I find satisfactory housing? What should I do about a speech or hearing difficulty? How can I improve my education through student activities? Assistance with these questions can be found in the individual agencies listed below or in the Office for Student Affairs, 9 Morrill Hall (Minneapolis), or 190 Coffey Hall (St. Paul).

Duluth Campus students should consult the Counseling Office, Administration Building.

Morris Campus students should consult the Student Counseling Service in Behmler Hall.

Crookston Campus students should consult the Counseling Office in the Student Services Building.

Waseca Campus students should consult the counselor in the Office of Student Affairs.

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 our University students will talk at some time with a professional and experienced counselor about courses they wish to take, vocations they are considering, personal stress situations, reading, study skills and spelling improvement, personal or family relations, and the like.

A student is urged to seek 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). When you consider applying for admission to the University, you are encouraged to come to the Student Counseling Bureau for information about the different colleges in the University, courses available to you, and various University services for students.

Office of the Adviser to Foreign Students

Students and faculty from other countries are urged to call at 717 East River Road, or 190M Coffey Hall, the Office of the Adviser to Foreign Students. 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 to 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.

Handicapped Students

There are a number of services at the University that can be of particular assistance to students with disabilities. For information about these services, contact Alice Christian at the Student Counseling Bureau, 101 Eddy Hall, Minneapolis Campus (373-4193).

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 Committees

Each college has a faculty committee (some have student members, too) charged with interpreting the regulations of the faculty, or making exceptions to them 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, assistance in planning programs about women, and a newsletter.

Information and a brochure are available at 301 Walter Library or by calling 373-3859.

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.

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 scholarships offered by the University. Preference is given to applications received by the December 15 deadline date.

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 Opportunity Grant Program.

The University of Minnesota Technical College, Crookston, financial aid program is designed to give financial 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 need.

ROTC Scholarships—Several ROTC scholarships covering full tuition, fees, and books plus \$100 per month are available to persons in ROTC programs. Three-year, 2-year, and 1-year scholarships are available to those students enrolled in the program.

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 from low-income families 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. Other loan funds including the Federally Insured Loan Program and emergency short-term loan programs are available on the Duluth and Morris Campuses also.

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 December 15 and to the Duluth and Morris Campuses by February 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. The financial statement must be submitted to the proper financial needs analysis service by December 15 (Twin Cities Campuses), February 15 (Duluth and Morris Campuses). 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
University of Minnesota
Minneapolis, Minnesota 55455

Duluth Campus

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

Crookston Campus

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

Morris Campus

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

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 or the department concerned.

Counselors

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

Under certain conditions blind students are eligible for tuition scholarships. Application for aid should be made at the Office of Admissions and Records (window 18). Additional information may be secured by writing to the State Services for the Blind, Centennial Building, St. Paul, Minnesota 55101.

"Rehabilitation funds" for the education of disabled persons are available through the State Department of Education. Applications for aid from these funds should be sent to the Division of Vocational Rehabilitation, State Office Building, St. Paul, Minnesota 55101.

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.

Food Services

Twin Cities Campus/Minneapolis

A variety of food service facilities is available to students in Coffman Memorial Union. Largest is the cafeteria, on the ground floor. There are also a soda fountain, a lunch counter, and commuters' lunchrooms for students who bring lunches from home. Banquet, party, and private dining room facilities are also available.

Shevlin Hall has a cafeteria and lunchroom for students. There are also several privately operated restaurants, lunch counters, and soda fountains near the campus.

On the West Bank a very complete food and refreshment vending service is provided in both Anderson and Blegen Halls, as well as snack services in Blegen Hall.

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.

Duluth Campus

Kirby Student Center Cafeteria, the Bull Pub snack bar, the Rafters Snack Bar, and the Ven-Den provide a variety of food services ranging from complete meals to snacks and bag lunch supplement. Banquets, special lunches, dinners, teas, and picnics can be arranged through the Food Service Office, 220 Kirby Student Center.

Morris Campus

The newly opened Food Service Building provides dining facilities for all residence hall students and is available for the use of the entire campus community as well. Special luncheons, dinners, banquets, and picnics can be arranged through the UMM Food Service.

Louie's Lower Level, located in Behmler Hall, is a favorite campus meeting place. It is a vending and short order facility used by faculty and students for a quick snack or a leisurely conversation.

Crookston Campus

All of the food service facilities are located in Bede Hall. Students living in the residence halls will eat in the upper Dining Room cafeteria.

The Trojan Inn, located in the lower level, is used by faculty and students where meals to suit individual tastes may be ordered. This facility also serves as a meeting center for students.

Special luncheons, dinners, and banquets may be arranged through the office of University Relations in Selvig Hall.

Waseca Campus

Food service facilities are located in the main building. The dining hall on the main floor and the student canteen in the lower level provide food service to students, staff, and guests.

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 infirmary-type hospital care is provided in the Health Service building located on Cleveland Avenue. St. Paul students also have access to the Minneapolis facilities.

Services at Duluth, Morris, and Crookston provide consultation (including psychiatric consultation at Duluth), physical examination, care of illnesses and injuries, immunizations, laboratory tests, physiotherapy, and commonly prescribed medication. The Health Service at Duluth is located at 1215 East University Circle which is centered between the Griggs Hall dormitory and the Movilla units. The Health Service at Morris is located in Clayton A. Gay Hall. The Health Service at Crookston is located in Robertson Hall.

Duluth Campus students must pay a special hospital insurance fee for Blue Cross-Blue Shield coverage unless exempted by showing adequate coverage. This fee in Duluth includes outpatient diagnostic X-ray and laboratory work for a maximum of \$65 per year.

An entrance physical examination is required on some campuses. See section on Entrance Health Requirements for details.

Student Services Fee Benefits, Twin Cities Campus

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 specialized services, such as allergy testing and treatment, eye examinations, and laboratory services. Physical therapy and X-ray therapy are provided up to a limit of \$50 per quarter. Charges are made on a cost basis or less for 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 University Hospitals at the discretion of the University Health Service.

Students With Hospital Insurance—Students who feel they have adequate hospital insurance may choose to take a refund on the hospitalization portion of the student services fee which is \$4 per quarter. Students accepting this refund may be hospitalized in University Hospitals by the Health Service but will pay the full cost of hospitalization and themselves collect from their insurance company. To obtain the refund, students must present their fee statement and proof of insurance to the business office of the Health Service during the first 10 days of each quarter.

Students with hospital insurance may wish to have additional coverage. They may do so by not taking the \$4 refund. 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. If the insurance payment plus the Health Service allowance for hospitalization overpay the bill, a credit for the difference will be set up in the student's name. This credit may be used for any future charges by the Health Service except for dentistry, glasses, drugs, or meals in the Special Diet Department. If not used, this credit will revert to the Health Service when the student leaves the University.

Students Without Hospital Insurance—Such students are entitled to 70 free days of hospitalization in University Hospitals 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.

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 apply within 10 days of the opening of the quarter to the business office of the Health Service. 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 excused from the \$5 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.

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 or 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 at 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 covered dependents throughout the year at any hospital.

Additional information on the above services may be obtained from the business office at the University Health Service, Minneapolis.

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. Not all freshmen or new students can expect to live in University residence halls since the number of student accommodations is limited. Residence hall application is made *independently* of application for admission. Private housing can be secured if University residence hall space is not available.

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 Housing Office, Administration Building, Duluth Campus; the Housing Office, Morris Campus; the Housing Office, Crookston Campus; and the Housing Office, Waseca 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, fireproof brick buildings, constructed in accordance with the highest safety standards. The 1971-72 rates ranged from \$1,080 to \$1,431 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. Do not wait until orientation time to apply. Applications will be accepted after January 1. Final admittance by the University is not necessary before applying.

TWIN CITIES CAMPUS

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.

PIONEER COURT, accommodating undergraduate and graduate women, is located adjacent to Pioneer Hall for men and faces on East River Road. Women residents will share the common facilities of dining and recreation with men residing in Pioneer Hall.

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. Special houses for graduate students are available. (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.

DULUTH CAMPUS

GRIGGS HALL is a residence hall centrally located on the upper campus. This hall presently accommodates 400 male students.

BURNTSIDE HALL is located on the upper campus and accommodates 115 female students in large double rooms.

VERMILION HALL is located on the upper campus and accommodates 64 male students in large double rooms and a limited number of single units.

TORRANCE HALL is located on the lower campus. This hall accommodates 75 male students in single and double rooms.

WASHBURN HALL is located on the lower campus. This hall has recently been renovated and will accommodate 45 female students.

HIGH RISE HALL is a recently constructed residence hall centrally located on the upper campus. This hall accommodates 400 female students in double rooms and a limited number of apartments.

VILLAGE APARTMENTS are modular-type units accommodating 300 single male and female students. Each of the 76 units provides housing for four students. Each unit consists of two bedrooms, two baths, a living-dining area, and kitchen. A service center is provided in the immediate area for use by these students.

All residence hall students are served their meals in the Kirby Student Center Cafeteria. Information and applications for reservations may be obtained by writing to the Housing Coordinator, Administration Building. Final acceptance by the University is not necessary before applying.

MORRIS CAMPUS

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 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, completed in 1970, is one of the newer of the conventional residence halls on the Morris Campus.

SPOONER HALL is an older residence hall which is designed to house 90 students with male and female students living on different floors. Spooner has rather large rooms and a distinctive, comfortable atmosphere.

THE INN (BLAKELY HALL) is an experimental unit for upperclass students with accommodations for 36 students. The living arrangement provides for an independent and unstructured atmosphere with single room living.

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

CROOKSTON CAMPUS

Halls for Men

McCALL HALL accommodates undergraduate men of freshman and sophomore levels. Located on the east side of the mall, it houses 110 students in large double rooms.

Halls for Women

ROBERTSON HALL accommodates freshman and sophomore women. Located on the west side of the mall, it houses 60 women.

Coeducational Halls

SKYBERG HALL is a 215-student coeducational residence hall which houses 127 men and 88 women. This building, completed in 1971, is the newest residence hall on the Crookston Campus.

WASECA CAMPUS

Halls for Men

Accommodations for 216 freshman and sophomore men are available in double rooms and a limited number of single rooms.

Halls for Women

Accommodations for 96 freshman and sophomore women are available in double rooms and a limited number of single rooms.

University Housing for Married Students

COMMONWEALTH TERRACE, new permanent apartments for married students and located in the St. Paul area of the Twin Cities Campus, provides housing for 362 families in one- and two-bedroom units. The 1971-72 rates were \$80 to \$100 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 \$98 per month (1971-72), 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. Students should make arrangements for housing at an early date before classes begin to be assured of adequate quarters.

Whatever lease arrangement you make, housing regulations provide that you must give notice according to rental pay period if you plan to move. Any change of address must be reported to the Housing Office. The 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

Most of the publications which students need to consult in college, beyond the required texts used for individual courses, are available in the University's system of libraries. With nearly 3 million volumes, the University library is one of the 10 largest university research libraries in the United States. In addition to the thousands of periodicals, newspapers, and reference books used for course-related study and research, the library resources also include extensive collections of literary, historical, and biographical works for recreational reading.

TWIN CITIES CAMPUS

O. Meredith Wilson Library (Minneapolis)

This library building opened in September 1968. It contains the humanities and social sciences collections of the University Library. Located on the West Bank with other new buildings of the expanded campus, it houses the administrative offices, the central processing and resources staffs, as well as the major service units.

Among the many specialized collections within the Wilson Library, particularly noteworthy are the Ames Library of South Asia, the James Ford Bell Library which contains rare volumes dealing with the exploration and trade from the 16th through 18th centuries, the East Asian Library, the Middle East Library, and the Special Collections Department which has responsibility for the custody of rare books and unique collections.

Other specialized resources in the Wilson Library are the Newspaper Division, the Map Division, the Documents Division, the Business Reference Service, and a collection of recordings of the spoken word.

Among the services provided in the Wilson Library are a Reserve Room, a Circulation Service, a Reference and a Bibliography Service, and an Inter-library Loan Service.

Walter Library (Minneapolis)

The Walter Library, serving the needs of East Bank patrons, provides expanded quarters for the Education Library (including materials in psychology and in library science). It also houses a modest "college library" offering duplicate copies of books related to Lower Division and undergraduate courses, as well as a reserve book room for course-related works needed for class assignments. Many of the library's science books and more general science periodicals also are in the Walter Library.

Campus Library (St. Paul)

A central library building on the St. Paul Campus houses collections focusing on agriculture and home economics.

Departmental Libraries

The library needs of students in some of the specialized scientific and professional fields generally are met through the collections of the various departmental libraries. In Minneapolis on the East Bank are the Art, Architecture, Mathematics, Physics, Chemistry, Music, Mines and Metallurgy, Journalism, Geology, and Pharmacy Libraries. Also on the East Bank are the more extensive collections of the Bio-Medical Library, the Engineering Library, and the Law Library. On the West Bank there is a Public Administration Library. In St. Paul there are departmental libraries with specialized collections in Forestry, Biochemistry, Entomology, Plant Pathology, and Veterinary Medicine.

OTHER LIBRARIES

Duluth

The college library is housed in a recently expanded modern library building, with collections totaling 155,000 volumes, emphasizing liberal arts subject areas. Its resources are growing rapidly to support developing post-baccalaureate programs.

Morris

A basic collection of materials, including growing holdings in periodical files and government documents, is available to support the various offerings included in the undergraduate program.

Crookston

Learning Resources encompasses the library, audio-visual equipment, instructional television equipment, and the Reading and Study Skills program. The basic library collection emphasizes holdings in the areas of agriculture, business, and hotel, restaurant, and institutional management. Other media are also available to support the technical college curricula.

Waseca

A Learning Resources Center is now under construction and will be ready for use in fall 1973. Besides book collections and normal library facilities, the building will house centers for study skills and learning aids, and dial-access equipment for study and review. The current library is housed in the central building on campus.

* * * *

Students registered on any campus of the University may use and borrow publications from any of the collections on the Twin Cities Campus.

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."

Your first contact should be with 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 below. 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.

Offices for Information and Help with Selective Service

1. 105 Morrill Hall, Twin Cities Campus/Minneapolis
2. 220 Coffey Hall, Twin Cities Campus/St. Paul
3. Window 1, Records Office, Administration Building, 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

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.

The University's underlying philosophy asserts that what occurs in the life of the student outside the classroom not only affects what goes on in the classroom but also constitutes in itself a legitimate educational experience. At the very least, the extracurriculum should complement the formal curriculum to provide a balance of theory and practice.

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. This includes 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.

The Kirby Student Center on the Duluth Campus has similar facilities and offers a wide range of programs. At the Morris Campus there is also a program of activities in Edson Hall.

Cultural and Recreational Opportunities

Art

UNIVERSITY GALLERY (MINNEAPOLIS)

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 the 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.

TWEED MUSEUM OF ART (DULUTH)

On the Duluth Campus, the Tweed Museum of Art serves both the University and the community as a center for exhibition of works of art and related activities. A major permanent collection includes the George P. Tweed Memorial Art Collection containing paintings from the 16th through the 19th centuries and dominated by the French Barbizon school. Addition of the Alice Tweed Tuohy Room and the Studio Gallery in 1965 made possible a greatly expanded program. The Tweed Museum of Art features at least 10 major exhibitions each year, a continuous display from the permanent collection, and as many as 25 senior and graduate student exhibitions.

The Tweed Museum of Art assists in the Summer Guest Artist Program in the Art Department through a major retrospective exhibition of the guest artist's work and a summary exhibition of works completed during the workshop.

Activities of the museum include tours and lectures, members' previews, a sales shop, bi-weekly art programs for children in cooperation with the public and parochial schools, sponsorship of a community organization

known as The Friends of Tweed Museum, and an undergraduate class in gallery practice for art majors.

The museum is open to visitors from 8 to 4:30 p.m., Monday through Friday, and from 2 to 5 p.m. on Saturday and Sunday. The museum is closed on all major holidays.

THE GALLERY (MORRIS)

The Gallery in Edson Hall on the Morris Campus has been in existence since 1961. It is the basic function of the Gallery to make available to the campus and community various aspects of the visual heritage of our Western civilization through a series of seven exhibitions presented each academic year. Formal openings and gallery talks are scheduled in order to integrate the program of the Gallery with the instructional framework and purposes of the college.

Exhibitions range in content from oil painting, graphics, and sculpture representing individual artists, to group shows, or historical surveys.

Under the direction of the Gallery, a significant permanent collection of the University of Minnesota, Morris was initiated in 1963.

The Gallery is open from 8 a.m. to 10 p.m., Monday through Saturday, and from 12 noon to 5 p.m. on Sunday.

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 primarily lecturers on vital contemporary topics. 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, Duluth, and Morris, a carefully selected program of convocations is presented at various times each quarter. Professional speakers and talent of high caliber appear.

Museums

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

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.

CONVOCATIONS

During the academic year the Department of Concerts and Lectures sponsors convocations which are free to the public. These events include lectures, musical productions, dance, and films.

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.

MUSIC

Opportunities for Participation—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. All musical groups present concerts each quarter, open free to the general public. Credit is offered for those desiring it.

University Bands: (1) Concert Band Ensemble has the best possible instrumentation of a wind ensemble whose membership is selected by personal audition from the total band membership; (2) Symphony Band Ensemble is the second select band and is very close in quality to the Concert Band Ensemble; (3) Symphony Band I, the third select band of a level able to perform the finest literature available; (4) Symphony Band II, while it is the fourth concert group, also is of a very high quality (the second, third, and fourth bands share a formal concert in Northrop Auditorium each quarter); (5) Golden Gopher Pep Band performs at basketball and hockey games; (6) the University Marching Band performs at football games as well as at an annual indoor concert in Northrop; it functions the first 8 weeks of the fall quarter only. University Bands headquarters is 14 Northrop Auditorium (telephone 373-3431).

University Symphony Orchestra rehearses 3 days a week. Study of symphonic repertory through performance. Minimum of one concert per quarter. Performance schedule includes major choral works with University Chorus, outstanding guest and student soloists, and appearances on tours. The orchestra office is 5 Wulling Hall (telephone 373-3444).

University Instrumental Chamber Ensemble activity is available to interested instrumentalists. These ensembles presently meet under a varied rehearsal schedule and present a number of performances on and off campus.

University Chorus of 300 mixed voices prepares major symphonic choral works for regular performances with the Minnesota Orchestra, Minneapolis Civic Orchestra, and University Symphony Orchestra. Membership is open to all students and staff of the University of Minnesota. Auditions are arranged in 5 Wulling Hall (telephone 373-3444).

Concert Choir of 40 voices is selected from the membership of the University Chorus. Open to all students and staff at the University. Auditions are arranged in 5 Wulling Hall (telephone 373-3444).

Chamber Singers is made up of 16 to 20 selected, mixed voices. This ensemble performs difficult repertoire and makes frequent appearances on and off campus. Auditions are arranged in 5 Wulling Hall (telephone 373-3444).

Men's Glee Club prepares standard glee club material as well as special arrangements for on- and off-campus appearances. The director is to be found in 331 Scott Hall.

Women's Glee Club prepares standard women's glee club material for on- and off-campus appearances. Auditions are held in 5 Wulling Hall.

Opera Workshop is open to singers interested in performing operas or scenes from operas. Auditions take place in 204 Scott Hall.

St. Paul Campus Chorus is primarily for students at St. Paul. It appears both on and off campus. The music covers a wide range of musical styles.

The Resident Oratorio Choir is an extracurricular singing group open to all residents of the University campus. Performance of standard choral literature; rehearsals on Wednesday, 7:00-8:30 p.m. Credit optional. No auditions.

Music Hour—Informal music hours, open to students, staff, and general public, take place at 11:15 a.m. each Thursday in Scott Hall Auditorium. Faculty and students, as well as guest artists and lecturers, appear at Music Hour.

Collegium Musicum—Small ensemble of singers and instrumentalists for the study and performance of early music. Apply to Collegium Musicum, 5 Wulling Hall (telephone 373-3444).

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 professional music fraternities on campus—Sigma Alpha Iota and Phi Mu Alpha Sinfonia—produce one opera each year when feasible and cooperate in programming concerts of seldom-performed works, both choral and instrumental.

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 day 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.

At Duluth—Students also have the opportunity to enjoy one of America's outstanding community symphony orchestras—the Duluth Symphony. The symphony includes a number of the music faculty and students among its regular members. Musical organizations sponsored by the University include

the University-Community Orchestra, Concert Band, Varsity Band, Concert Choir, Chorale, Chamber Choir, Opera Workshop, and various small instrumental ensembles. All of these groups are open to the general student, plus introductory courses in music literature and applied music. In addition, professional music curricula are offered for the future performer, composer, and music teacher.

At Morris—Students have an opportunity to participate in University Choir, Chamber Choir, Men's Chorus, Concert Band, Symphony Orchestra, and various small instrumental groups.

At Crookston—Students have an opportunity to participate in Concert Choir, Male Chorus, and College Band.

At Waseca—Students have an opportunity to participate in cocurricular music activities.

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 "Adventure in Music" concerts on Sunday afternoons between November and May; and special concerts throughout the season.

Theater

Each year the University Theatre presents a diversified program of living drama. The high standing of the University Theatre is indicated by the fact that it was selected by the Defense Department for overseas tours in 1957, 1958, 1961, 1964, and 1969, and by the State Department to represent the U.S.A. at the International Festival in Brazil in 1957. The season in Scott Hall features productions of five outstanding plays. The Experimental Series of three plays and the Undergraduate Series of three plays are presented in the arena and studio theatres. There are also workshop plays, young people's plays, and numerous student-directed plays. Perhaps the most popular project has been the Centennial Showboat which 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 bank of the Mississippi, presents two plays for youngsters each summer. Bush Foundation fellowships offer graduate student-artists a unique opportunity to work on advanced degrees at the University and in the practical application of their arts and crafts at the Tyrone Guthrie Theatre. The Office for Advanced Drama Research provides facilities for the production of new plays in theaters all over the country. With such an extensive program, students interested in the theater may find ample opportunity to participate in any or all aspects of the programs as well as view a wide variety of living theater.

At Duluth—Two basic objectives are pursued by the UMD Theater. The first is to provide practical theatrical experience for students who choose theater arts as a vocation; the second is to provide an opportunity to view legitimate stage productions as another part of the individual's liberal education.

The production program consists of three main stage presentations directed and designed by the theater faculty. A number of studio productions are directed by students under the supervision of the departmental staff.

At Morris—The University of Minnesota, Morris Theatre correlates its classroom work with at least one major production each quarter and one to two student-directed experimental or laboratory productions each year. These plus other extracurricular activities (including the student drama organization, The Morris Meinings) provide opportunities for student participation in all areas of the theater arts and exposure to a variety of dramatic experiences and staging methods including arena, thrust, proscenium, outdoor, and reader's theater production.

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

Fraternities at the University of Minnesota provide their members with valuable experiences in fellowship and social and personal development. Most chapters offer facilities for student housing and eating. These fraternal groups hold regular membership drives or rushing periods. During these rushing periods, students who wish to join should indicate their interest to the Interfraternity Council, the coordinating body of all the fraternities, or to the fraternity adviser in 110 TNM.

Sororities

There are 16 sororities on the Minneapolis Campus and 3 on the St. Paul Campus, all of which maintain resident houses. Any eligible woman student regularly enrolled in the University who has a 2.0 grade point average may be invited to join a sorority. Panhellenic Council, the governing body of the Minneapolis Campus sororities, and Intersorority Council, the governing group of the St. Paul Campus sororities, establish and regulate a definite rushing calendar. All sororities maintain scholarship, international, social, human relations, and service programs for their members.

For further information concerning sororities consult the Panhellenic Office or the sorority adviser in 110 TNM.

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.

Student Athletic Tickets (Twin Cities Campus)

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, 108 Cooke Hall, Minneapolis, Minnesota 55455 for information.

Athletic Facilities

INDOOR

MINNEAPOLIS

Bierman Field Athletic Building

- 2 basketball courts
- 3 tennis courts
- 1 weight training room

Cooke Hall

- 2 swimming pools
- 4 basketball courts
- 5 volleyball courts
- 7 badminton courts
- 3 tennis courts
- 1 apparatus gymnasium

Norris Gymnasium

- 2 swimming pools
- 2 basketball courts
- 3 volleyball courts
- 8 badminton courts
- 1 area for archery, golf, etc.
- 1 paddleball, squash court

Field House

- 1 track area
- 1 baseball area
- 3 basketball courts
- 4 archery stations

Stadium

- 1 fencing strip
- 10 handball and paddleball courts
- 8 squash courts
- 1 wrestling room
- 1 judo-karate room
- 1 orthopedic gymnasium
- 10 golf driving mats
- 1 weight lifting room

Williams Arena

- 1 ice hockey rink
- 1 basketball court

ST. PAUL

Gymnasium

- 2 basketball courts
- 2 volleyball courts
- 3 badminton courts
- 4 golf driving mats
- 3 archery stations
- 1 running track
- 1 swimming pool
- 3 handball courts
- 1 weight lifting room

DULUTH

Physical Education Building

- 1 swimming pool
- 3 basketball courts (MW)
- 5 volleyball courts (MW)
- 13 badminton courts (MW)
- 3 gymnasiums
- 1 wrestling area
- 1 dance studio (W)
- 1 weight room
- 1 archery range
- 1 running track
- 1 indoor golf range

OUTDOOR

MINNEAPOLIS

- 1 track
- 26 tennis courts
- 7 softball fields
- 2 baseball fields
- 1 field hockey field
- 5 touch football fields
- 1 game field
- 4 practice football fields
- 1 18-hole golf course
- 1 9-hole golf course
- 1 soccer field
- 1 cricket wicket

ST. PAUL

- 4 tennis courts
- 3 horseshoe courts
- 2 volleyball courts
- 4 touch football fields
- 7 softball fields

DULUTH

- 4 tennis courts
- 4 softball fields
- 1 football field
- 4 general purpose fields
- 1 ski hill with tow
- 1 quarter mile running track
- 1 broomball rink

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.

Duluth Campus intercollegiate sports are played within the Minnesota Intercollegiate Athletic Conference with the exception of hockey which is played in the Western Collegiate Hockey Association.

The Morris Campus is a member of the Northern Intercollegiate Conference and offers a full program of intramural sports and intercollegiate athletics.

The University of Minnesota Technical College, Crookston is a member of the National Junior College Athletic Association and offers a full program of intramural sports and intercollegiate athletics.

The University of Minnesota Technical College, Waseca is a member of the National Junior College Athletic Association and offers a full program of intramural sports plus intercollegiate competition in many sports.

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 \$2,650 for 3 quarters, somewhat less in private housing, and for those who live at home, about \$1,650. For resident students at the Technical College in Crookston, all expenses total about \$1,475 for 3 quarters. For dentistry, medicine, and veterinary medicine, expenses are about \$3,200. 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 \$2,650 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 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 of certain classifications who are giving 25 percent or more of full-time service to the University are privileged to pay tuition at the Graduate School resident rate, regardless of source of funds, resident status, or curriculum pursued. This privilege applies also in any college to members of the immediate families of those students registered in the Graduate School who themselves qualify. Those included are fellows, scholars, assistants, instructors, research associates, and members of the teaching staff and scientific bureaus and experiment stations; they must be regularly enrolled in the Graduate School or be in the final year of the Master's degree curricula in undergraduate colleges. Civil service appointees working 75 percent time or more and who are *registered in the Graduate School* may pay fees at the

ESTIMATED EXPENSES OF MINNESOTA RESIDENTS Fall, Winter, and Spring Quarters 1972-73

College	Fees ¹	Books and ² Supplies	Room and ³ Board	Total
Undergraduate students in the College of Liberal Arts, University College, College of Education, College of Home Economics, General College, and the Coordinate Campuses of Duluth and Morris	\$630	\$125	\$1200	\$2400
Undergraduate students at the Coordinate Campuses of Crookston and Waseca	489	125	1200	2300
Undergraduate students in the College of Agriculture, College of Forestry, College of Biological Sciences, Program in Dental Hygiene, and School of Nursing	645	125	1200	2425
Undergraduate students in College of Business Administration and the following programs in Health Sciences: Medical Technology, Physical and Occupational Therapy, and the School of Public Health (except Hospital and Health Care Administration)	669	125	1200	2450
Students in the Medical School, School of Dentistry, and Hospital and Health Care Administration Program and graduate work in Medicine and Dentistry	960	600	1200	3200
Students in the College of Pharmacy	651	125	1200	2450
Graduate School	726	125	1200	2600
Law School, Mortuary Science, and graduate work in Law	756	125	1200	2550
Institute of Technology	657	125	1200	2450
Veterinary Medicine and graduate work in Veterinary Medicine	900	600	1200	3150

¹ Includes resident tuition, student services, and other fees.

² Cost may vary; includes \$500 for dental instruments and \$450 for microscope for Medicine and Veterinary Medicine.

³ University residence hall rates for 1971-72 were from \$1,080 to \$1,431 for room and board. The average accommodation was about \$1,200.

resident rate. This privilege does *not* extend to members of the immediate families of such appointees. *Faculty members at the postdoctoral level may audit courses without registration or payment of fees. Should the need arise, an official class audit card may be obtained from the Graduate School.*

TUITION (1972-73)

	Quarter Fee		Credit Hour Fee	
	Resident	Non-Resident	Resident	Non-Resident
Undergraduate students in the College of Liberal Arts, University College, College of Education, College of Home Economics, General College, and the Coordinate Campuses of Duluth and Morris	\$168	\$470	\$14.00	\$39.25
Undergraduate students at the Coordinate Campuses of Crookston and Waseca	133	380	11.25	31.75
Undergraduate students in the College of Agriculture, College of Forestry, College of Biological Sciences, Program in Dental Hygiene, and School of Nursing	173	480	14.50	40.00
Undergraduate students in School of Business Administration, and the following programs in Medical Sciences: Medical Technology, Physical and Occupational Therapy and the School of Public Health (except Hospital Administration)	181	480	15.25	40.00
Students in the Medical School, School of Dentistry, and Hospital Administration Program and graduate work in Medicine and Dentistry	278	641	23.25	53.50
Students in the College of Pharmacy	191	505	16.00	42.25
Graduate School				
—more than 6 credits	200	505	No credit hour fee provided	
—6 credits or less or two courses or less or thesis only	100	253		
—Ph.D. candidates, 6 credits or less or continuous registration	35	35		
—Teaching assistants and teaching associates ¹				
More than 6 credits	150	150		
6 credits or less or thesis only	75	75		
Law School, Mortuary Science, and graduate work in Law	210	505	17.50	42.25
Institute of Technology	177	480	14.75	40.00
Veterinary Medicine and graduate work in Veterinary Medicine	258	641	21.50	53.50
Evening Classes	No quarter fee		14.00 1 and 3 lower div. 15.00 5 Upper div. and Grad. 16.00 Graduate	
Independent Study Courses			15.00	
Summer Session	See <i>Summer Session Bulletin</i>			

¹ Registered in the Graduate School; paid on the General Operations and Maintenance Fund; and appointed at 25 percent time or more.

Residence counselors are privileged to pay tuition at the resident rate of the college in which they are enrolled.

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 T.A. 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 Assistant Recorder's Office, 105 Morrill Hall, to make appropriate arrangements.

Fees

(Subject to change without notice)

Student Services Fee

If a student is registered for 6 or more credits in a quarter he pays a student services fee which entitles him to the privilege of the student unions, the University Health Service, The *Minnesota Daily*, and helps to support the student government. The 1972-73 student services fee had not been determined at the time of publication of this bulletin, but will range from about \$30 in Crookston and Waseca to about \$44 on the Twin Cities Campus.

Extension students are not permitted to pay the student services fee.

The student services fee is required of all students in the Graduate School, except elementary and secondary public, private, or parochial teachers in service taking less than 6 credits, Ph.D. candidates taking 6 credits or less, and students doing research away from the campus.

Foreign Student Health Fee

All noncitizens are required to pay a foreign student health fee of \$5 each quarter. See section on University Health Service for explanation.

Foreign Student Aid

Foreign students are also required to pay \$2 per quarter to establish a fund for educational assistance.

Special Fees

Additional fees are charged for special services as follows:

Credit by Special Examination \$20.00

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.)

Credentials Examination Fee

Undergraduate \$10.00
Graduate School \$15.00

Dentistry Examination Fee \$26.00

For examination to determine advanced standing in Dentistry.

Deposits

Art \$ 5.00
Biochemistry (Ag) \$ 5.00
Biochemistry (Med) \$ 5.00
Chemistry \$10.00
Pharmacy \$ 5.00
To cover cost of materials and breakage.

Duplicate Diploma Fee

To replace large diploma \$10.00
To replace small diploma \$ 7.50

Graduation Fee (including small diploma)

Each degree \$10.00

Hospital Insurance Fee (Duluth)

Per quarter \$13.70

Required of all students taking 6 or more credits unless carrying equal hospital insurance.

Large Diploma Fee \$ 7.50

Any graduate may get a large diploma in place of a small one, by paying this fee in addition to the graduation fee.

Microscope Rental Fee

Partial use, one quarter \$ 3.00
Continuous use, one quarter \$ 6.00

Course Fees

Civil Engineering Summer Camp; Modern

Language Institute; Music Lessons; Physical Education; Preparatory Composition; English; Mathematics; Public Health; Rhetoric. See *Class Schedule* issued at registration.

Music Practice Fees

For rent of pianos, organs, and music practice rooms. Rates are given in the *Class Schedule* issued at registration.

Placement Service Fee—required of degree candidates from:

Duluth \$10.00
College of Education (except Nursing Education majors) \$15.00
Morris (optional) \$15.00

Late Fee—for late registration

Through first week of classes \$ 6.00
Through second week of classes \$10.00
Third week of classes and thereafter \$20.00

Record Service Fee \$ 3.00

This fee, required of all new students, provides 3 certified copies of student records.

Each additional copy \$ 1.00

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.

Special Examination Fee \$20.00

Speech and Hearing Clinic Fees

See *Class Schedule* issued at registration.

Thesis Binding Fee

Master's thesis \$ 5.00

Thesis Examination Fee

For professional engineer degree \$15.00

Thesis Publication Fee

Ph.D. thesis \$25.00

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

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 incorrect 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.

UNIVERSITY CALENDAR*
Academic Year 1972-73

July 31-September 22		Fall registration. Orientation program for new students. (Dates for the various colleges will be announced in mailed instructions. Students are urged to register early. It is expected that all Twin Cities Campus students who can do so will register in August.)
July 15**	Saturday	Last date to file application for fall admission to the undergraduate colleges or for change of college within the University
August 25	Friday	Graduate School application deadline for fall quarter
September 1	Friday	Last day to file application for fall admission as adult special student in CLA
September 4	Monday	Labor Day, holiday
September 11-22		Orientation and Registration—Duluth Campus
September 14	Thursday	Last day for payment of fall quarter fees for students registered through September 8
September 15	Friday	Last date to file application for fall admission for adult special in IT and Business Administration
September 15-17	Sunday	Camps for new students
September 17		Parents' Day (Twin Cities Campus)
September 17-22		Welcome Week (Twin Cities Campus)
September 17-24		Orientation and registration (Morris Campus)
September 18-22	Friday	Orientation and registration (Crookston Campus)
September 22		Last day for registration and payment of fees for undergraduates including adult special students, except teachers in service

Fall Quarter

September 25	Monday	Fall quarter classes begin
September 27	Wednesday	Opening Convocation (Crookston Campus)
September 29	Friday	Last day for registration and payment of fees for Graduate School and teachers in service
October 10	Tuesday	Crookston Assembly, 4:00 p.m.
October 14	Saturday	Homecoming (Duluth Campus)
October 14	Saturday	Homecoming (Morris Campus)—Moorhead State College
October 21	Saturday	Homecoming (Crookston Campus)
October 21	Saturday	Homecoming (Twin Cities Campus)—University of Iowa
October 23	Monday	Morris Assembly, 4:00 p.m.
October 24	Tuesday	Duluth Assembly, 3:30 p.m.

* This calendar includes most, but not all, events for all campuses of the University. 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 26	Thursday	Twin Cities Assembly, 3:30 p.m.
November 7	Tuesday	Crookston Assembly, 4:00 p.m.
November 15***	Wednesday	Last day to file application for winter admission to the undergraduate colleges or for change of college within the University
November 23	Thursday	Thanksgiving Day, holiday
November 24	Friday	Floating holiday
November 24-25		Classes excused (except Medical School)
November 30	Thursday	Senate meeting, 3:30 p.m.
December 1	Friday	Deadline for application for admittance to Graduate School, winter quarter
		Last day to file application for winter admission as adult special student in CLA
December 5	Tuesday	Crookston Assembly, 4:00 p.m.
December 5	Tuesday	Last day of instruction
December 6	Wednesday	Study day
		Duluth Assembly, 10:00 a.m.
December 7-13		Final examinations
December 13	Wednesday	All-University Commencement (Twin Cities Campus)
		Individual collegiate graduation and honor events during this period as scheduled by each unit
		End of fall quarter
December 14-28		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	Friday	Last date to file application for winter admission for adult special students in IT and Business Administration
December 19	Tuesday	Last day for payment of winter quarter fees for undergraduates in residence fall quarter including adult specials, except teachers in service
December 25	Monday	Christmas Day, holiday
December 26	Tuesday	Holiday (possible Civil Service floating)
December 29	Friday	Holiday (possible Civil Service floating)
January 1	Monday	New Year's Day, holiday

Winter Quarter

January 3	Wednesday	Winter quarter classes begin
January 5	Friday	Last day for registration and payment of fees for the Graduate School and for teachers in service
January 9	Tuesday	Crookston Assembly, 4:00 p.m.
January 30	Tuesday	Duluth Assembly, 3:30 p.m.
February 1	Thursday	Twin Cities Assembly meeting
February 6	Tuesday	Crookston Assembly, 4:00 p.m.
February 15***	Thursday	Last date to file application for spring admission to the undergraduate colleges or for change of college within the University
February 19	Monday	Morris Assembly, 4:00 p.m.
February 23	Friday	Graduate School application deadline for spring quarter
March 1	Thursday	Last day to file application for spring admission as adult special student in CLA
March 6	Tuesday	Crookston Assembly, 4:00 p.m.

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

March 8	Thursday	Senate meeting, 3:30 p.m.
March 13	Tuesday	Last day of instruction
March 14	Wednesday	Study day
March 15	Thursday	Last date to file application for spring admission for adult special students in IT and Business Administration
March 15-21		Final examinations
March 20	Tuesday	Last day for payment of spring quarter fees for students in residence winter quarter in undergraduate colleges (including adult specials)
March 21	Wednesday	Individual collegiate graduation and honor events during this period as scheduled by each unit
March 21-27		End of winter quarter 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>
<i>Spring Quarter</i>		
March 28	Wednesday	Spring quarter classes begin
March 30	Friday	Last day for registration and payment of fees for the Graduate School and teachers in service
April 10	Tuesday	Crookston Assembly, 4:00 p.m.
April 22	Sunday	Easter, holiday
April 23	Monday	Easter Monday, holiday
April 24	Tuesday	Duluth Assembly, 3:30 p.m.
April 26	Thursday	Twin Cities Assembly, 3:30 p.m.
April 30	Monday	Morris Assembly, 4:00 p.m.
May 8	Tuesday	Crookston Assembly, 4:00 p.m.
May 21	Monday	Graduate School application deadline for first term of Summer Session
May 24	Thursday	Cap and Gown Day Convocation, Duluth Campus, 2:30 p.m. Provost's Reception 3:30 p.m. (Seniors excused from classes 2:30 p.m.-4:30 p.m.)
May 24	Thursday	Senate meeting, 3:30 p.m.
May 28	Monday	Memorial day, holiday
June 7	Thursday	Last day of instruction
June 8	Friday	Study day
June 9-15		Duluth Assembly, 10:00 a.m.
June 15	Friday	Final examinations
June 15	Friday	Commencement, 2:00 p.m.; Provost's Reception following Commencement (Crookston Campus)
June 15	Friday	Commencement, "The Mall," 7:30 p.m.; Provost's Reception after Commencement (Morris Campus)
June 15	Friday	Commencement, 8:00 p.m. (Duluth Campus)
June 16	Saturday	All-University Commencement (Twin Cities Campus)
		Individual collegiate graduation and honors events during this period as scheduled by each unit
		End of spring quarter

Summer Session 1973

First Term

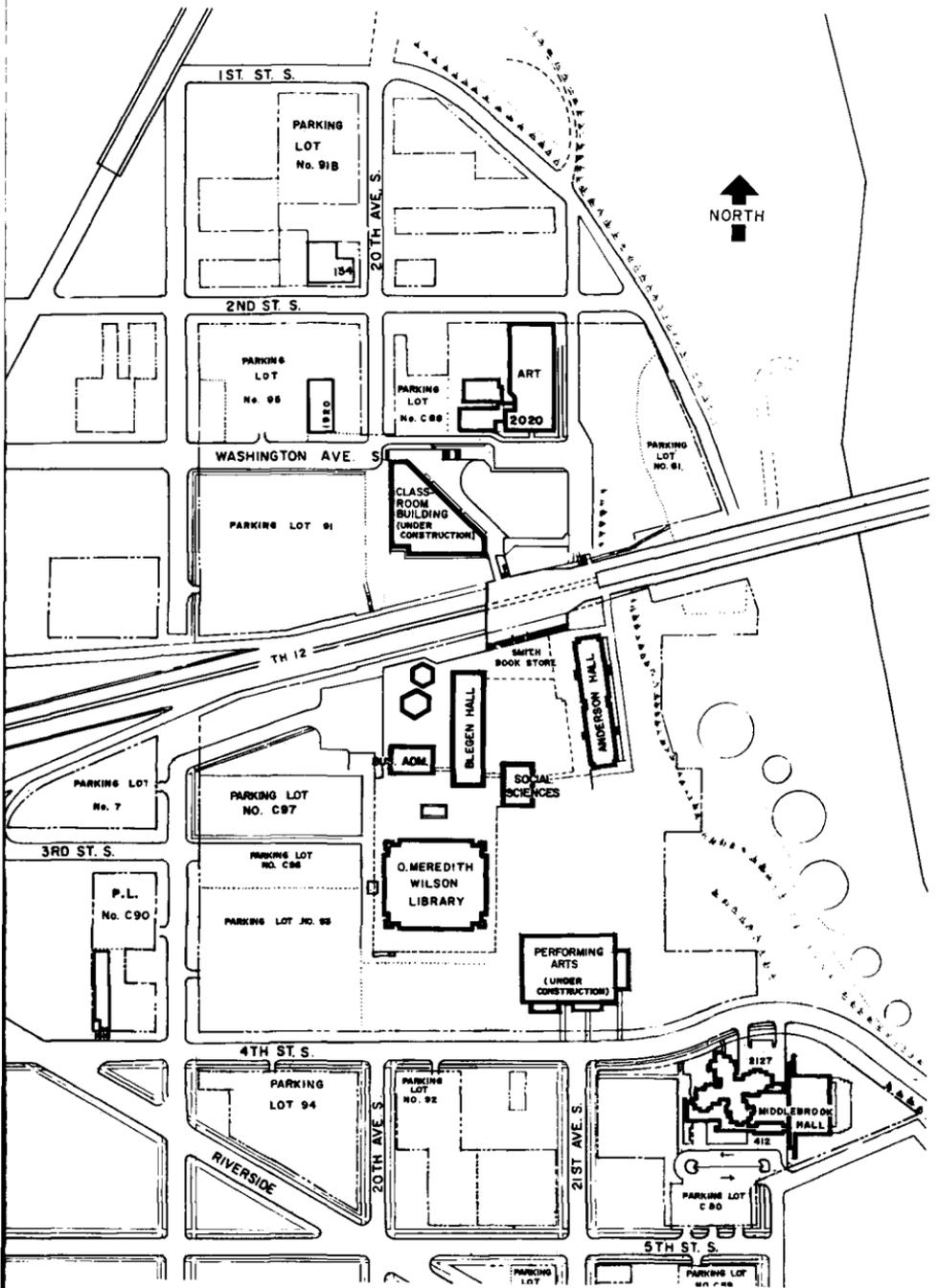
June 18	Monday	Orientation and registration for first term, fees due
June 19	Tuesday	First term classes begin
June 25	Monday	Graduate School application deadline for second term Summer Session
July 4	Wednesday	Independence Day, holiday
July 20	Friday	Last day of term
July 20	Friday	Individual collegiate graduation and honors events during this period as scheduled by each unit
		End of First term

Second Term

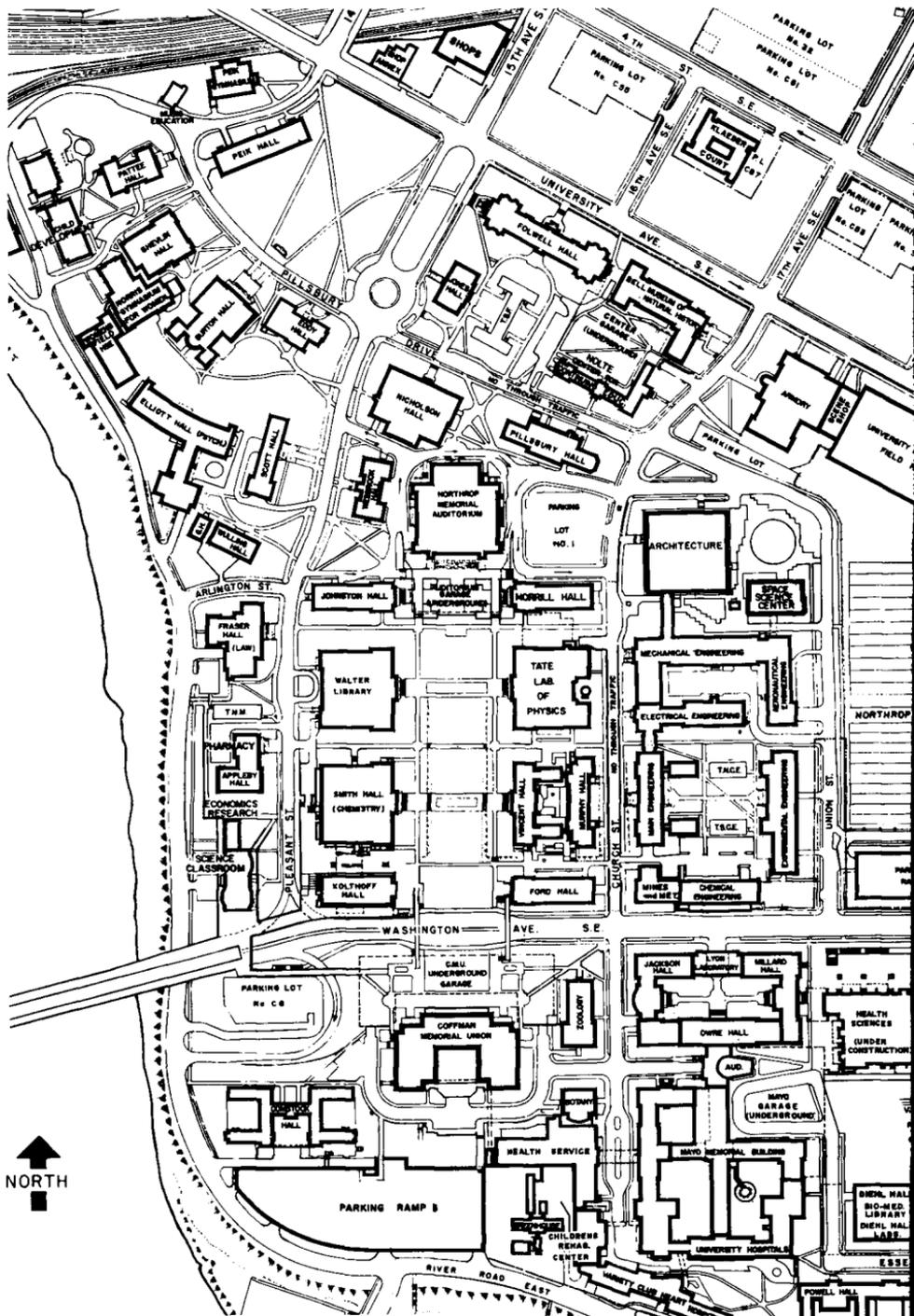
July 23	Monday	Registration for second term; fees due
July 24	Tuesday	Second term classes begin
August 24	Friday	Last day of term
August 24	Friday	Duluth Campus Assembly, 4:00 p.m.
		All-University Commencement (Twin Cities Campus)
		Individual collegiate graduation and honors events during this period as scheduled by each unit
		End of second term

POSSIBLE 1973-74 CALENDAR

	Fall	Winter	Spring	SSI	SSII
Classes begin	9/24/73	1/3/74	3/27/74	6/18/74	7/22/74
Classes end	12/4/73	3/13/74	6/6/74	7/19/74	8/23/74
Exams	12/6-12/73	3/15-21/74	6/8-14/74		

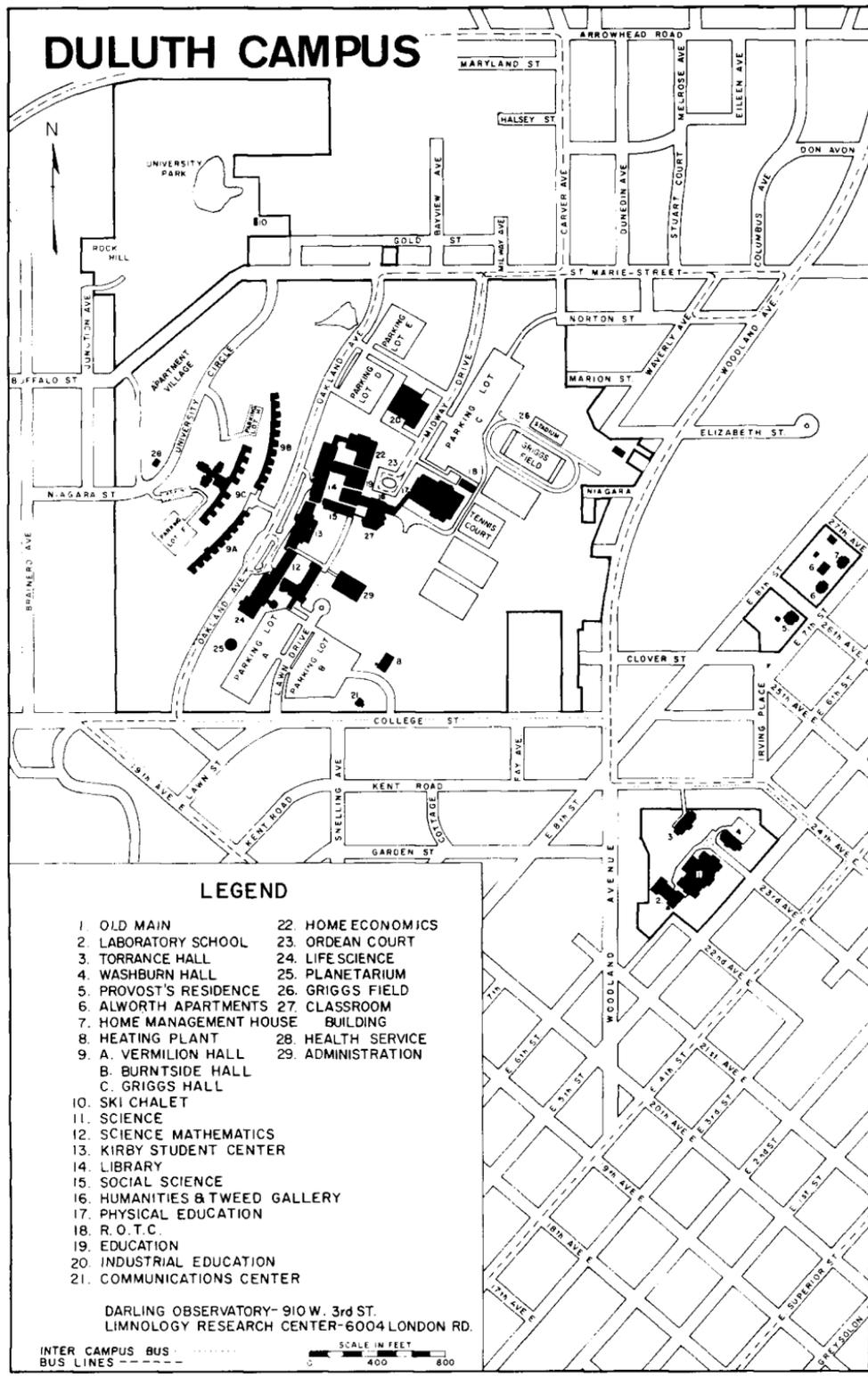


**Twin Cities Campus / Minneapolis
West Bank**



**Twin Cities Campus / Minneapolis
East Bank**

DULUTH CAMPUS



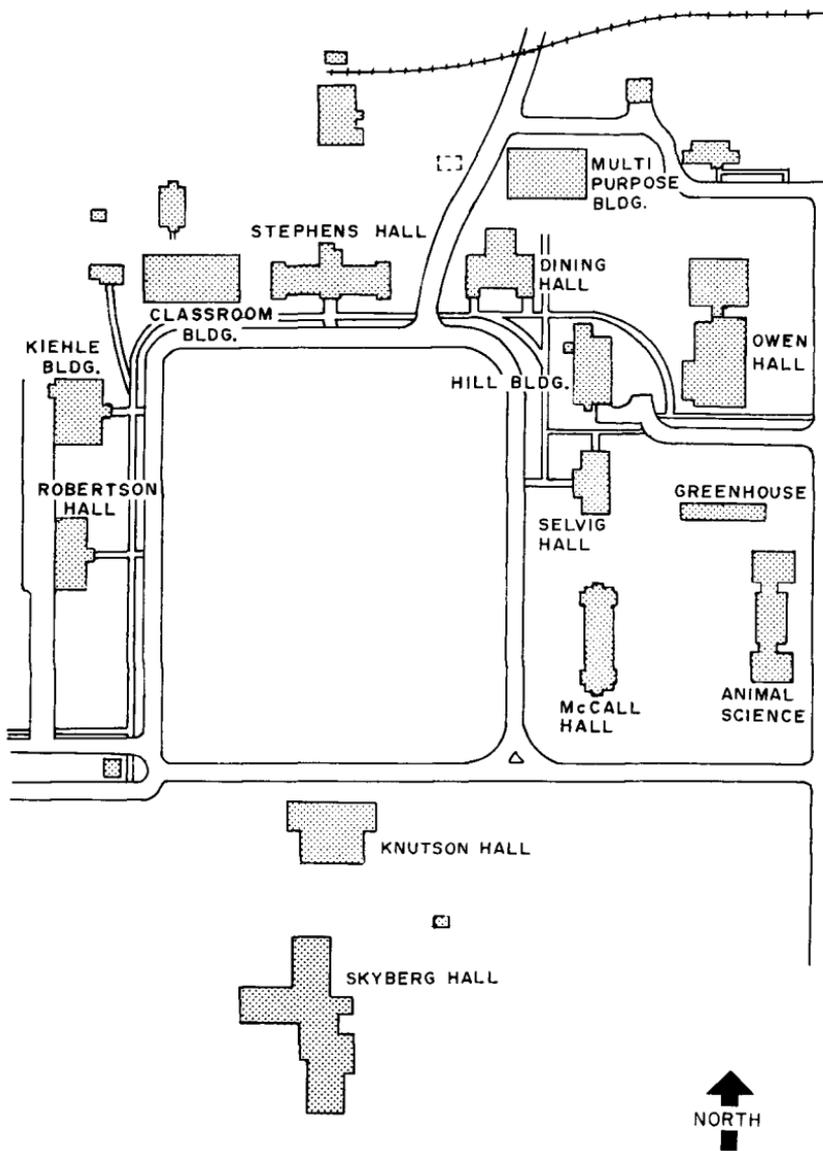
LEGEND

- | | |
|--------------------------------|------------------------|
| 1. OLD MAIN | 22. HOME ECONOMICS |
| 2. LABORATORY SCHOOL | 23. ORDEAN COURT |
| 3. TORRANCE HALL | 24. LIFE SCIENCE |
| 4. WASHBURN HALL | 25. PLANETARIUM |
| 5. PROVOST'S RESIDENCE | 26. GRIGGS FIELD |
| 6. ALWORTH APARTMENTS | 27. CLASSROOM BUILDING |
| 7. HOME MANAGEMENT HOUSE | 28. HEALTH SERVICE |
| 8. HEATING PLANT | 29. ADMINISTRATION |
| 9. A. VERMILION HALL | |
| B. BURNSIDE HALL | |
| C. GRIGGS HALL | |
| 10. SKI CHALET | |
| 11. SCIENCE | |
| 12. SCIENCE MATHEMATICS | |
| 13. KIRBY STUDENT CENTER | |
| 14. LIBRARY | |
| 15. SOCIAL SCIENCE | |
| 16. HUMANITIES & TWEED GALLERY | |
| 17. PHYSICAL EDUCATION | |
| 18. R. O. T. C. | |
| 19. EDUCATION | |
| 20. INDUSTRIAL EDUCATION | |
| 21. COMMUNICATIONS CENTER | |

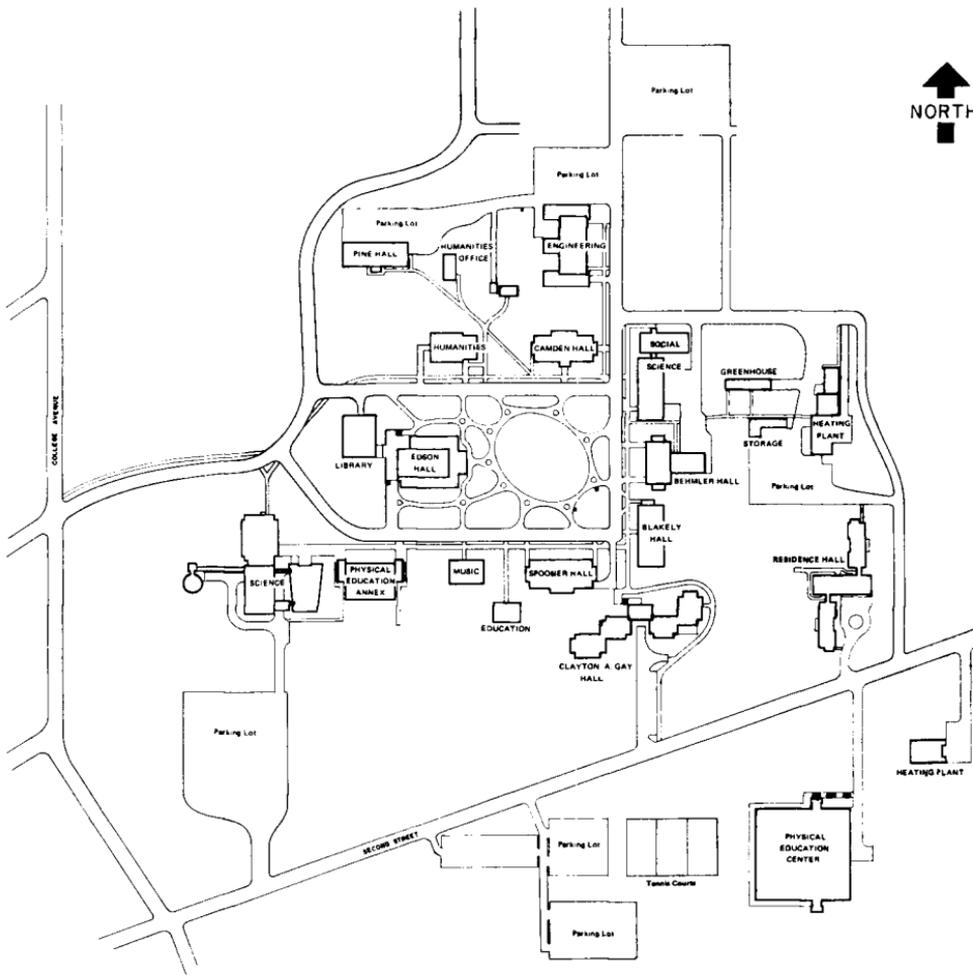
DARLING OBSERVATORY-910 W. 3rd ST.
 LIMNOLOGY RESEARCH CENTER-6004 LONDON RD.

INTER CAMPUS BUS
 BUS LINES - - - - -

SCALE IN FEET
 0 400 800

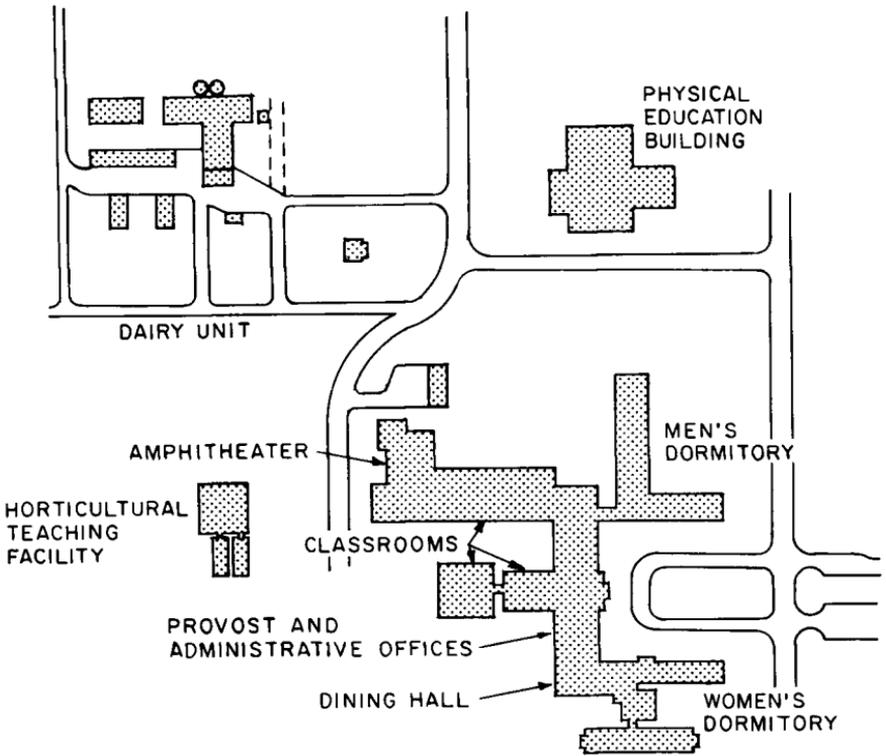


Crookston Campus



Morris Campus

SOUTHERN EXPERIMENT
STATION
1/4 MILE NORTHWEST



Waseca Campus

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UNIVERSITY OF MINNESOTA BULLETIN

General Information

Fees Effective Fall, 1972

TUITION FEE

	Quarter Fee		Credit Hour Fee	
	Resident	Non-Resident	Resident	Non-Resident
Undergraduate students in the College of Liberal Arts, University College, College of Education, College of Home Economics, General College, and the Coordinate Campuses of Duluth and Morris	\$168	\$470	\$14.00	\$39.25
Undergraduate students at the Coordinate Campuses of Crookston and Waseca ...	133	380	11.25	31.75
Undergraduate students in the College of Agriculture, College of Forestry, College of Biological Sciences, Program in Dental Hygiene, and School of Nursing	173	480	14.50	40.00
Undergraduate students in School of Business Administration, and the following programs in Medical Sciences: Medical Technology, Physical and Occupational Therapy	181	480	15.25	40.00
Medical School and graduate work in Medicine				
—more than 9 credits	278*	641*	No credit hour fee provided*	
—9 credits or less	189*	320.50*	No credit hour fee provided*	
Dental School and graduate work in Dentistry	315*	726*	26.25*	60.50*
School of Public Health (including Hospital Administration)	200*	505*	16.75*	42.25*
Students in the College of Pharmacy	191	505	16.00	42.25
Graduate School				
—more than 6 credits	200	505	No credit hour fee provided	
—6 credits or less or two courses or less or thesis only	100	253		
—Ph.D. candidates, 6 credits or less or continuous registration	35	35		
—Teaching assistants and teaching associates**				
More than 6 credits	150	150		
6 credits or less or thesis only	75	75		

* Change from current bulletin.

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

Volume LXXV

Extra issue of Number 10

July 27, 1972

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The contents of this bulletin and of other University bulletins, publications, or announcements are subject to change without notice.

Law School, Mortuary Science, and graduate work in Law	210	505	17.50	42.25
Institute of Technology	177	480	14.75	40.00
Veterinary Medicine and graduate work in Veterinary Medicine	258	641	21.50	53.50
Evening Classes	No quarter fee		14.00	1 and 3 lower div. 15.00 5 Upper div. and Grad. 16.00 Graduate
Independent Study Courses			15.00	
Summer Session	See <i>Summer Session Bulletin</i>			

STUDENT SERVICES FEE

Institute of Technology	\$46.35*
All Other Colleges, Twin Cities Campus	45.50*
Duluth Campus	34.00*
Morris Campus	43.00*
Crookston Campus	30.00*
Waseca Campus	30.00

MINNESOTA PUBLIC INTEREST RESEARCH GROUP (MPIRG)

One dollar per quarter refundable fee will be assessed each student required to pay the Student Services Fee. (Twin Cities Campus)

LABORATORY FEES

See class schedule for courses for which \$4.00 laboratory fee is charged.

SPECIAL FEES

See current *General Information Bulletin*.

* Change from current bulletin.

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