

General information for prospective students 1953-55. June, 1953

Madison, Wisconsin: University of Wisconsin, June, 1953

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BULLETIN OF THE UNIVERSITY OF WISCONSIN

GENERAL INFORMATION

for Prospective Students

1953-1955



Bulletin of the University of Wisconsin

Serial No. 3236

General Series No. 3010

June, 1953

GENERAL INFORMATION FOR PROSPECTIVE STUDENTS 1953-55

THE BULLETIN OF THE UNIVERSITY OF WISCONSIN IS ISSUED MONTHLY AND IS ENTERED AS SECOND-CLASS MATTER AT THE POST OFFICE AT MADISON, WISCONSIN, UNDER THE ACT OF CONGRESS OF AUGUST 12, 1912.

MADISON, WISCONSIN JUNE, 1953



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CALENDAR

Academic Year 1953-54	Academic Year 1954-55	First Semester
Sept. 11	Sept. 10	Last day for entrance examinations
Sept. 14-19	Sept. 13-18	New Student Program and Registration
Sept. 21	Sept. 20	Instruction begins
Sept. 22	Sept. 21	Examinations for removal of conditions
Sept. 26	Sept. 23	Placement examinations for late entrants
Oct. 3	Sept. 30	Foreign language attainment examinations
Nov. 26, 27, 28	Nov. 25, 26, 27	Thanksgiving recess
Dec. 5	Dec. 4	Examinations for removal of conditions
Dec. 19-Jan. 4	Dec. 18–Jan. 3	Christmas recess
Jan. 16	Jan. 15	Foreign language attainment examinations
Jan. 21–30	Jan. 20–29	Final examinations
		Second Semester
Feb. 5	Jan. 28	Last day for entrance examinations
Feb. 3-6	Feb. 2–5	Registration days
Feb. 8	Feb. 7	Instruction begins
Feb. 13	Feb. 12	Placement examinations for late entrants
Feb. 27	Feb. 26	Examinations for removal of conditions
April 17-26	April 16-25	Spring recess
May 1	April 30	Examinations for removal of conditions
May 8	May 7	Foreign language attainment examinations
May 30, 31	May 30	Memorial Day: legal holiday (no classes)
June 5–14	June 4–14	Final examinations
June 18	June 17	Commencement Day
1054	1055	Summer Session
1954	1955	Summer Session
June 21	June 20	Law School classes begin
June 28	June 27	Eight-week classes begin
Aug. 28	Aug. 19	Eight-week classes end
Aug. 28	Aug. 27	Law School classes end

WHAT THIS BULLETIN TELLS YOU

You want to know about the University of Wisconsin—how to get into the University, what it will cost and what help is available in the form of scholarships and part-time jobs. You want to know where to live and where to

eat. And of course you want to start thinking about what courses to take and what fields to major in.

This booklet will tell you about the things of greatest concern to you before you arrive on the campus. Less attention is given here to the many important activities and services available to you once you enroll and start your classwork. These services and activities are described in the Student Handbook which you will receive at registration time.

Each course of study offered at the University is described briefly in the last part of this bulletin. After studying this material you will then want to learn the details of your curriculum from the bulletin of the school or college in which you plan to enroll (see order form on page 53).

We hope you will write, call, or stop in for any additional information you need in planning your University career.







DO YOU WANT TO KNOW ABOUT ...

Student life at Madison Special services provided by the UW Student Health Service Military information How the UW is organized Degrees granted Regulations on attendance, exams, credits, grades

... You'll find these subjects summarized in the following pages-



Part I -- General Information

STUDENT LIFE

A college education provides the opportunity for a student to build a foundation on which to construct a satisfying and full life. To this end, the University of Wisconsin sponsors numerous events and organizations in which the student finds the opportunity to broaden his social and cultural development. These activities are described at length in the Student Handbook and are only briefly enumerated in this bulletin.

Much of the life and activity of students outside the classrooms is concentrated in the Memorial Union, "the living room of the campus." The Union provides facilities for dining, lounging, committee meetings, banquets, and dances; a library, art galleries, checkrooms, barbershops, two theaters, craft workshops, photography dark rooms, bowling alleys, billiard and table tennis rooms, lounges with kitchenettes, radio studios, and an outing headquarters.

Every student becomes a member of the Union automatically upon registration. The building is governed by a student-faculty-alumni board, and recreational programs are arranged by committees open to all students. Because most programs and services are free, student recreation expense at Wisconsin is comparatively low.

The Wisconsin Student Association, of which each student is automatically a member, performs the administrative and legislative functions of student self-government for the campus at large and is governed by a student senate, members of which are elected by the student body each spring. The Associated Women Students, an administrative branch of WSA, has responsibility in matters pertaining exclusively to the undergraduate women of the University.

Many special-interest groups and societies offer a wide variety of activities in which students may participate. There are music groups—band, orchestra and chorus, literary and debating societies, athletic groups, Orchesis—the dance group, Wisconsin Players—a dramatic group, language clubs, religious organizations, and professional organizations in many special fields.

In addition, positions are available on the student publications which include the Daily Cardinal, a morning newspaper; the Badger, the school annual issued under the auspices of the senior class; Octopus, monthly humor magazine; the Wisconsin Idea, quarterly literary magazine; Country Magazine and the Wisconsin Engineer, monthly magazines edited by students of the Colleges of Agriculture and Engineering, respectively; and the Law Review. a professional legal publication of students, faculty, and alumni of the Law School.

Facilities for athletic participation, both intramural and intercollegiate, are available to all students; and students may purchase coupon books for admission to home intercollegiate athletic events.

Group-living in dormitories, sororities, fraternities, or independent house organizations gives students an opportunity to develop leadership, responsibility, and co-operation, and provides valuable social, recreational, and cultural experiences.

For college regulations and policies governing student life, see the Student Handbook.

STUDENT PERSONNEL SERVICES

The University provides a great many special services for students. Among them are educational and vocational advising, job placement, reading and study aids, employment, personal and social counseling, and financial advice and assistance. Detailed information may be found in the Student Handbook.

Each student is assigned a faculty adviser when he enters the University. The adviser assists the student in the choice of his courses, in the interpretation of course requirements, and in the election of a well-balanced program. A student should not expect nor permit advisers to make his choices for him. He should study the bulletins, take stock of his own interests and abilities, and discuss his plans with his adviser. In addition to the regular advisory service, a special office is maintained, at present in Room 263 Bascom Hall, to assist in the counseling and orientation of foreign students.

A university speech clinic has facilities for helping students who have defective speech.

STUDENT HEALTH SERVICE

The University of Wisconsin at Madison maintains a well-equipped Department of Preventive Medicine and Student Health to provide medical attention for students who require it during enrollment. This includes the Infirmary for those who need hospital care, and the Student Clinic for office consultations. The staff consists of full-time physicians, men and women, all of whom are licensed by the State of Wisconsin. The Infirmary and Clinic building is connected to the Wisconsin General Hospital. The specialized facilities of this medical center are available to the physicians of the Department of Preventive Medicinc and Student Health when requested by them.

The prevention as well as the treatment of illness or injury is an important objective, and the physicians of this department are prepared to consult with students regarding any health problem they may have. Students are urged to seek counsel when illness is first suspected. Protection of the student's health is an important objective. To this end, periodic chest x-rays will be given to all. Members of the university community have a personal responsibility to the group as well as to themselves to report, when asked, for x-rays, or for other measures employed in the program. Entrance physical examinations are conducted during the first week of instruction of each spring and fall semester. This examination is required of every student entering the University at Madison for the first time, including those who transfer from another institution into both Graduate and Undergradute Divisions. Participation in other university activities, such as Physical Education and Military Science, is dependent upon the result of this physical check-up, which is arranged by appointment at the time of registration. If a student is overlooked, he should call the Student Clinic before classes begin to obtain an appointment, and also, if possible, when late registration is anticipated.

With certain exceptions, which are infrequently encountered by the great majority of students the cost of the services of this department is covered by general university funds. When necessary, complete hospital care, including diagnostic procedures (x-rays, etc.) and treatment, is provided in the Infirmary for illness or injury which occurs during the period of enrollment. Except for medications prescribed in the Student Clinic, the services obtained in that section are without added charge. The professional fee of a consultant on the staff of the Wisconsin General Hospital who is called to give **treatment**, either for office patients or those in the Infirmary, becomes the **private** responsibility of the student. The surgeons' and anesthetic fees for an operation or the treatment of fractures or severe sprains are the most important examples. The staff of this department may, however, obtain consultation without added expense.

For an appointment, the advice of a physician, or an emergency CALL: The Student Clinic, 6–6811, Extension 422, or University 8–422.

For information concerning patients in the Infirmary CALL: The Infirmary, 6–6811, Extension 323, or University 8–323.

(Consult the Bulletin of the Department of Preventive Medicine and Student Health for details.)

VETERAN AND MILITARY AFFAIRS

The University helps its students who have questions about military service and veteran benefits. Students who have special problems may come to the Counselor of Military Affairs in B-3 Bascom Hall.

Although the University believes that veterans in general have the same needs and interests as other students, it recognizes that their educational programs and objectives may be significantly affected by such experiences and training as they may have received in service, by the element of time elapsed since they left high school or college to enter the armed forces.

In addition to all regular university services, certain special services are available to veterans. The Counselor of Veteran and Military Affairs will counsel in training matters and provide assistance to veterans. The University Business Office for Veterans at 736 University Avenue handles business records and the authorization of supplies for students training under the Old G.I. Bill and Rehabilitation programs. The Office of Registration and Records at Room B-3, Bascom Hall, handles all records for veterans training under the New G.I. Bill. Other local agencies assisting veterans include the United States Veterans Administration at 237 West Gilman Street, and the Wisconsin Department of Veteran Affairs located in the State Capitol.

The University of Wisconsin is approved for training under Public Laws 346 (the Old G.I. Bill), 550 (the New G.I. Bill), 16, and 894 (Rehabilitation Training).

Veterans who qualify under these laws will receive monthly allowances. The state is prepared to furnish Wisconsin students additional emergency financial aid if the need arises.

Students may apply for credit toward graduation for training which they may have received under AST, Navy V-12, and similar programs. University credit may also be given for specialized and technical training done under the auspices of the armed forces and for correspondence-study courses taken through the United States Armed Forces Institute. This training may be accepted by the University for credit only if it is at the collegiate level, if it is approved by the University, and if it is appropriate to the particular university course of study in which the student enrolls. (See Admission with Advanced Standing, page 20.) For service in the armed forces, the University may waive the non-academic credit requirements in physical education and military service. (See Physical Education, Military Training, and Band, page 51.)

Veterans who entered the armed forces, the American Field Service, or the armed forces of our allies prior to March 31, 1947 may, if they have not been granted assigned credit as per preceding paragraph, apply for a maximum of 15 credits which may be substituted for elective credits in the student's program. Such credits are not given to graduate, medical, or law students, and certain reservations are made in the case of engineering students. When students the University with deficiencies in entrance requirements, the total number of war elective credits to be granted is reduced by an amount equal to 4 credits per high-school unit of deficiency.

In matters of induction into military service, delay in call to active duty, and deferment, counsel and assistance will be given. This office will provide complete statements of facts concerning any student's academic status for submission to a Selective Service or an Armed Service Board.

INSTRUCTIONAL ORGANIZATION

The University of Wisconsin is organized for instruction into a number of colleges and schools which are in turn divided into departments. The scheme of organization is as follows:

COLLEGE OF LETTERS AND SCIENCE

Art History and Criticism Astronomy Botany Chemistry Classics (General, Latin and Greek) Comparative Literature Comparative Philology & Linguistics Economics English French and Italian Geography Geology German History of Science Integrated Liberal Studies Journalism Library Science Mathematics Meteorology Music Philosophy Physics Political Science Psychology Scandinavian Languages Slavic Languages Social Work Sociology and Anthropology Spanish and Portuguese Speech Zoology

GENERAL INFORMATION

COLLEGE OF ENGINEERING

Chemical Engineering Civil Engineering Drawing and Descriptive Geometry

Agricultural Economics Agricultural Education Agricultural Engineering Agricultural Journalism Agronomy Animal Husbandry Bacteriology

Clothing and Textiles

Electrical Engineering Mechanical Engineering

Mechanics Mining and Metallurgy

COLLEGE OF AGRICULTURE

Biochemistry Dairy Husbandry Dairy and Food Industries Entomology Genetics Horticulture

Plant Pathology Poultry Husbandry Rural Sociology Soils Veterinary Science Wildlife Management

SCHOOL OF HOME ECONOMICS

Foods and Nutrition Home Management and Family Living

Related Art

LAW SCHOOL

MEDICAL SCHOOL

Obstetrics and Gynecology Oncology Pathology Pharmacology and Toxicology **Physical Medicine** Physiological Chemistry

SCHOOL OF NURSING

Nursing Public Health Nursing

Physiology Preventive Medicine and Student Health Radiology Surger Medical Technology

Ward Management Ward Teaching

SCHOOL OF EDUCATION

Physical Education for Men

Physical Education for Women Occupational Therapy

SCHOOL OF COMMERCE

SCHOOL OF PHARMACY

DEPARTMENT OF AIR SCIENCE

DEPARTMENT OF MILITARY SCIENCE

DEPARTMENT OF NAVAL SCIENCE

DEPARTMENT OF PHYSICAL EDUCATION

In addition to the undergraduate and professional schools and colleges there is a graduate school, with advanced work leading to masters' and doctors' degrees, and a summer session offering regular academic and professional subjects for full credit toward all degrees. The University Extension Division offers courses by correspondence which may be taken for full credit; it also operates a branch at Milwaukee where regular class instruction is given. including the freshman and sophomore years in Letters and Science and in Engineering; and it conducts regular classes in freshman subjects, and in a few sophomore subjects, in several other cities of the state.

The University offers no curricula in dentistry, theology or architecture. However, the work of the freshman year in engineering is accepted by some colleges of architecture.

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Anatomy **History of Medicine** Hygiene Medical Microbiology Medicine Neuropsychiatry

Dietetics Therapeutics Medicine and Surgery

Education Art Education and Applied Art

DEGREES

TITLES

GRADUATE IN AGRICULTURE—TWO-Year Course in Agriculture CERTIFICATE OF JUNIOR GRADUATE IN LIBERAL STUDIES—Two years in Liberal Studies

FIRST DEGREES

BACHELOR OF ARTS-Granted in General Course BACHELOR OF ARTS (Humanities) BACHELOR OF ARTS (Journalism) BACHELOR OF ARTS (Medical Science) BACHELOR OF BUSINESS ADMINISTRATION BACHELOR OF LAWS BACHELOR OF MUSIC BACHELOR OF NAVAL SCIENCE BACHELOR OF SCIENCE-Granted in General Course BACHELOR OF SCIENCE (Applied Mathematics and Mechanics) BACHELOR OF SCIENCE (Agriculture) BACHELOR OF SCIENCE (Agriculture and Education) BACHELOR OF SCIENCE (Agriculture and Naval Science) BACHELOR OF SCIENCE (Applied Art) **BACHELOR OF SCIENCE** (Art Education) **BACHELOR OF SCIENCE** (Biochemical Engineering) **BACHELOR OF SCIENCE** (Chemistry) BACHELOR OF SCIENCE (Chemical Engineering) BACHELOR OF SCIENCE (Civil Engineering) **BACHELOR OF SCIENCE** (Education) **BACHELOR OF SCIENCE** (Electrical Engineering) BACHELOR OF SCIENCE (Home Economics) BACHELOR OF SCIENCE (Home Economics and Education) BACHELOR OF SCIENCE (Journalism) BACHELOR OF SCIENCE (Light Building Industry) BACHELOR OF SCIENCE (Mechanical Engineering) BACHELOR OF SCIENCE (Medical Science) BACHELOR OF SCIENCE (Medical Technology) BACHELOR OF SCIENCE (Metallurgical Engineering) BACHELOR OF SCIENCE (Mining Engineering) BACHELOR OF SCIENCE (Naval Science) BACHELOR OF SCIENCE (Nursing) BACHELOR OF SCIENCE (Occupational Therapy) BACHELOR OF SCIENCE (Pharmacy) BACHELOR OF SCIENCE (Physical Education) BACHELOR OF SCIENCE (Physical Medicine)

A graduate of any course may receive the baccalaureate degree of any other course by completing the additional studies required in that course. Two baccalaureate degrees cannot be taken in one year, and for a second bachelor's degree in the College of Letters and Science one year's additional study and a special thesis are required.

ADVANCED DEGREES IN THE GRADUATE AND PROFESSIONAL SCHOOLS

The University confers in course the following masters' degrees: Master of Arts, Master of Laws, Master of Music, Master of Business Administration, and Master of Science. Candi-

dates who have taken the Bachelor of Science degree in one of the engineering courses may also be granted the second degree of Civil Engineer, Mechanical Engineer, etc.

The University also confers in course the degrees of Doctor of Philosophy, Doctor of Medicine, and Doctor of Juridical Science.

GENERAL REGULATIONS

ATTENDANCE. Students are required to be present at the opening of the semester and to remain until the work of the semester is finished. It is expected that every student will be present at all of the classes at which he is due. If at any time a student is absent, he must satisfy his instructors that such absence is for good and sufficient cause.

EXAMINATIONS. Each subject terminates in a two-hour written final examination at the close of the semester; these final examinations are regularly scheduled, and the times set may not be changed without special faculty authorization. During the semester two or three one-hour written tests are ordinarily held in all but the most advanced courses. There are no exemptions from examinations because of high standings in class work.

CREDITS. The unit used in computing the amount of work required for graduation is the credit, which represents one hour of class work per week for one semester, or its equivalent in other forms of instruction, together with the necessary preparation. Two or sometimes three hours of laboratory work are considered as the equivalent of one hour of class work.

GRADES AND POINTS. Semester grades are reported by letter only, although they are commonly based on averages of numerical grades in final examinations and other written work. The characterization of letter grades by plus and minus signs is not authorized. For the sake of convenience in computing weighted averages, each letter grade carries a specified number of points per credit; thus a *B* in a three-credit subject would yield 6 points. The scale of grades and points follows:

	GRADE	PERCENTAGE EQUIVALENT	POINTS PER CREDIT
A	(Excellent)	93-100	3
В	(Good)	85-92	2
С	(Fair)	77-84	1
D	(Poor)	70-76	0
E	(Condition)	60- 69	$0 (-1/2)^*$
F	(Failure)	Below 60	0 (-1)*

POINT-CREDIT RATIO. The general quality of a student's work over a number of semesters is expressed in terms of a point-credit ratio, which is the result obtained by dividing the total number of points he has earned by the total number of credits earned. The highest possible quotient is 3.0, which represents a grade of A in every subject; the lowest possible quotient is zero.

The point-credit ratio must not be confused with a similar figure known as the gradepoint average; this is computed at the close of each semester and is based solely on the number of points earned and credits elected during that semester, with deductions for deficiencies (see * above). The maximum average is 3.0; the minimum, -1.0.

In the Colleges of Engineering and Agriculture no deductions are made for negative gradepoints incurred through Conditions or Failures.



DO YOU WANT TO KNOW ABOUT ...

How to be admitted to the UW Admission requirements New Student Program Foreign language regulations Auditing

.... You'll find these subjects summarized in the following pages-



Part II -- Admissions

METHODS OF ADMISSION

Students are admitted to undergraduate standing in the University by one of the following methods:

- 1. By certificate of graduation from an accredited high school with the recommendation of the principal thereof (see page 18).
- 2. By passing entrance examinations (see page 19).
- 3. By qualifying on the special basis of admission arranged for veterans of World War II (see page 20).
- 4. By qualifying as an adult special student (see page 20).
- 5. By submitting evidence of studies successfully pursued in another institution of higher learning (see Admission with Advanced Standing, page 20).

All applicants must submit credentials of all work taken in secondary schools of any type. Applicants who have taken work in colleges, regardless of the amount of such work, must submit complete credentials.

The student should obtain an application for admission blank from the appropriate office listed below. The completed application form and official school records are then sent to that office.

All Undergraduates and Law Students—Office of Admissions, 166 Bascom HallGraduate School and Library School Students—Dean, Graduate School, 150 Bascom HallMedical School Students—Associate Dean, Medical School, 104 Serv-

ice Memorial Institute

Summer Session. All applicants for the Summer Session who wish admission as candidates for a degree at the University of Wisconsin must file applications and credentials as above. This applies to all persons seeking admission to the Graduate School regardless of their intention of securing a degree.

All applicants for admission to the Law School Summer Session as degree candidates must file application and credentials, as above, with the Office of Admissions. Those who do not wish to qualify for the LL.B. at this University must submit *either* complete credentials as above *or* a statement of good standing from another accredited Law School.

All other Summer Session applicants who have not previously been degree candidates at the University of Wisconsin are required to furnish credentials in evidence of good standing. For a teacher, not a degree candidate, this will consist of a statement of his or her status in the school where employed, signed by a responsible official of such school; for a student at another institution, an official statement of good standing. A former student at the University of Wisconsin who has since attended another institution must file a statement of good standing. Application must be made in advance to the Office of Admissions, 166 Bascom Hall, so that necessary permits to register may be issued. Information concerning the Summer Session may be obtained from the Director of the Summer Session, 111 Education Building.

Filing Dates. Applications will be received after the following dates:

For the semester	beginning in	September March	1
For the semester	beginning in	FebruaryOctober	1
		March 1	

Applicants for any term are advised to have completed the application for admission, including the submission of all required credentials covering completed work, by at least six weeks prior to the beginning of that term. Credentials covering any work still to be completed at the time of application should be submitted as promptly as possible upon completion. This applies particularly to students entering in February.

Principals of high schools in the State of Wisconsin will be able to tell their students whether they will qualify for regular admission. In the event of any question, the applicant is invited to write to the Office of Admissions.

ADMISSION REQUIREMENTS

University studies assume that the entering freshman has (a) competence in oral and written expression; (b) efficient reading and study skills; (c) for some courses the mathematical skill ordinarily gained in high-school algebra and plane geometry; (d) broad preparation in the fields of study which the University requires. (The first year of university work requires studies chosen largely from the fields of English, social studies, science, mathematics, and foreign languages.) The requirements for admission to the University are designed to provide (a) adequate preparation for studies required in the University, and (b) a desirable continuity in the student's educational experience.

Nonresident Applicants. Applicants who are not residents of the state of Wisconsin are admitted on the same basis as are residents except as follows: Nonresident students admitted directly from high school must have ranked in the upper one-half of their graduating class. Nonresident students who have previously attended college must have earned grades equivalent to or better than grades of B on one-half the credits carried and grades of C on one-half the credits carried (on an A, B, C, D, E, F, grading scale). The University reserves the right to alter its policy as the enrollment situation requires.

1. For Admission by Certificate of Graduation

Graduates of accredited high schools will be admitted upon recommendation of the principals of their high schools, provided that they present 16 units,* 9 of which are distributed as follows:

English (or English and speech) Plus at least 6 additional units, chosen from two or more of these fields in these amounts	3 Units
Mathematics	2 or 3 Units
Foreign language	2 or 3 Units (in one language)
History and social studies	2 or 3 Units
Natural science	2 or 3 Units

Mathematical Preparation. Mathematical preparation is essential for successful work in many fields of university instruction.

Students who are mathematically prepared will be admitted to all schools and colleges and to all majors and fields of specialization therein. Minimum mathematical preparation is considered to be 1 unit of algebra and 1 unit of plane geometry. To gain full admission to the College of Engineering, or to Agricultural Engineering, in the College of Agriculture, however, the student must present $1\frac{1}{2}$ units of algebra and 1 unit of plane geometry. The additional $\frac{1}{2}$ unit of algebra required may be absolved by completing one semester of college algebra without university credit.

Students who do not have the minimum mathematical preparation may enroll in the College of Letters and Science, the College of Agriculture (except Agricultural Engineering), and the School of Education. By carefully using his choices, he may take the courses in

^{*} A unit represents a norm of five class periods per week in one field of study for a school year of at least 36 weeks. Two laboratory periods are considered equivalent to one class period. In subjects not taught throughout the entire year, a unit may be constructed by adding each of two related subjects.

applied art, art education, journalism, music, or physical education (the completion of the course in physical education for women requires mathematical preparation), or take majors in American institutions, art history and criticism, the classics, comparative literature, English, foreign languages, geography, Hispanic studies, history, philosophy, political science, or speech. No subjects in astronomy, mathematics, or physics will be open to a student without mathematical preparation, nor may he enroll in the course in chemistry, engineering, including technical agricultural engineering, medical technology, nursing, occupational therapy, pharmacy, or physical medicine; nor may he major or specialize in agriculture, bacteriology, biological aspects of conservation, botany, chemistry, commerce, economics, geology, home economics, humanities, international relations, mathematics before he will be accepted as a major student in these departments. This must be done before the beginning of the junior year.

The University does not offer residence courses in elementary mathematics. Hence, students admitted without mathematical preparation can become eligible for courses requiring mathematical preparation only by passing entrance examinations, by earning the required units in mathematics at an accredited school, or by taking correspondence courses from the University Extension Division.

General Scholarship. Applicants who rank in the lower one-third of their graduating classes are advised that their chance of success in university studies is not good. Such applicants will be admitted only on probation.

Graduates of Wisconsin high schools who do not have the 9 academic units as stipulated above may be admitted if they rank in the upper one-tenth of the graduating classes of their high schools and their deficiency does not exceed 3 of the 9 units.

Freshman students in the College of Letters and Science and in the School of Home Economics who are certified as ranking in the upper 10 per cent in their high-school graduating class may elect, in each semester of their first year, one course listed in the time table with the prerequisite of sophomore standing. This privilege is likewise extended to those in the highest quarter of their class who have a percentile ranking above 92 as determined by standards established for high-school students—at present the Henmon-Nelson Test of Mental Ability.

Special Deficiencies. Applicants who have failed (1) to earn the total 16 units required, or (2) to receive the recommendation of their principals because of low grades, will be required to take entrance examinations.

Applicants Who Are Graduates of Nonaccredited High Schools. Graduates of nonaccredited Wisconsin high schools who have satisfied the full requirements for admission may be admitted on probation, without examination, upon recommendation of the principal.

Graduates of nonaccrediated high schools, *outside Wisconsin*, may be admitted when properly recommended and certified, provided the high school, on the basis of regular inspection, is accredited by universities who are members of the Association of American Universities, or by its state university if it maintains the same standard of admission requirements as institutions belonging to the Association of American Universities.

2. For Admission by Entrance Examination

These examinations are given (1) to applicants who may not have been graduated from secondary schools, but who wish by this means to establish their readiness for university studies; (2) to applicants who lack the units specified in the entrance requirements according to the certificate plan; and (3) to applicants having special deficiencies as described in Section 1 above.

Applicants who wish to qualify by entrance examinations should correspond or consult directly with the Office of Admissions about the character, time, place, and procedure of these examinations. Applicants are urged to take them as early as possible. They must be taken prior to the beginning of the term the applicant wishes to enter. The College Entrance Board Examinations, the New York Regents' Examination, or the Canadian Matriculation Examinations are accepted in lieu of the entrance examination administered by the University of Wisconsin.

3. For Admission as a Veteran

Veterans of World War II who do not possess all of the requirements for admission may be admitted to the University upon giving satisfactory evidence that they are prepared to take advantageously the subjects open to them. Candidates applying for admission on the war-veteran basis are required to present an official statement of their preparatory studies for evaluation and approval. They may also be asked to take scholastic aptitude tests administered by the University. Students so admitted will not be asked to remove deficiencies in meeting the entrance requirements if and when they earn the credits and grade-points required for junior standing.

4. For Admission as an Adult Special

Citizens of Wisconsin, 21 years of age or over, who do not possess all the requirements for admission, and who are not candidates for a degree, may be admitted to the College of Letters and Science or the College of Agriculture upon giving satisfactory evidence that they are prepared to take the subjects open to them. This privilege of admission is granted in the College of Engineering only to students who are able, on examination, to meet all the entrance requirements in mathematics, or who have completed their preparatory mathematics in the Extension Division of the University and present a certificate therefrom. Students so admitted, must have fully satisfied all entrance requirements before beginning the third year of university work.

Students will not be admitted, save in exceptional cases, directly from the secondary schools to the status of adult specials; nor will graduates of accredited schools be permitted to enter as adult specials, since they are required to qualify for regular matriculation.

5. For Admission With Advanced Standing

Students from accredited colleges and universities may be admitted on presentation of satisfactory records. In general, an honorable dismissal from the last school attended and an average of at least C on an A-B-C-D-Fail grading system (with emphasis on the work of the semester immediately preceding transfer) is required. This minimum standard of achievement is subject to any nonresident restrictions which may be in effect when the student applies for admission.

The senior year of work must be completed in residence at the University of Wisconsin. Students who have completed work at other institutions of college level cannot be admitted as new freshmen without regard to their performance in college studies. Applicants for admission who have had any work whatsoever in other colleges, whether or not they wish to receive credit, must submit complete records of all high-school and college work. Failure to submit such records may constitute sufficient cause for later dismissal from the University.

REGISTRATION PERIOD

A period of time is allotted each September, February, and June during which students accomplish their registration for the immediate following session. The calendar on the front pages of this bulletin lists dates for certain of these periods. During this time students secure their registration materials and directions for completing their registration.

To initiate registration the new student must have a Permit to Register.

During registration, the new student has a conference with his faculty adviser, decides on his program of studies, obtains any necessary special permissions (e.g., for reduced program, etc.), obtains assignment to classes by the Assignment Committee, makes arrangements for physical examination, completes and files his registration cards, and pays his university fees.

NEW STUDENT PROGRAM

In order to acquaint new students with educational, cultural, and recreational opportunities offered in the university community, a program for new students is planned in conjunction with the registration period prior to the opening of the September and February semesters. New freshmen are required to be in attendance throughout the program. New students transferring from other colleges are required to participate in some, but not all, of the activities. The program includes greetings from faculty and students, conferences with advisers, tours of the campus, assemblies for giving direction to the student's educational program, tests for the use of university counselors' and deans' offices, social events, and registration for classes.

ADVANCED CREDIT

Advanced credit for high-school work may be granted to students with satisfactory average standings who present more than 16 units acceptable for admission, provided: (a) the subjects in which advanced credit is sought are the general subjects accepted for admission to the University; (b) the work is as advanced as work given in the freshman year; (c) the subject for which credit is desired be approved by the chairman of the department; and (d) the student passes a satisfactory examination, at least two hours in length, held at the University before or during the Christmas recess. No advanced credit will be given for work in language unless it be in excess of 6 units offered for admission, nor will advanced credit be given for less than three semester hours.

FOREIGN LANGUAGES

Although foreign language is not definitely required for admission to any course, failure to present it will curtail the student's free elections in some courses. Students who desire to absolve their foreign language requirements by passing attainment examinations should acquire a considerable degree of proficiency in their high-school languages. (See bulletin of the College of Letters and Science for statement concerning foreign language attainment examinations.) Those who expect to enroll in any of the following courses are strongly advised to prepare themselves, at least partially, in foreign language as indicated below. Students should also consult the college bulletin describing specific language requirements in the curriculum of their interest.

COLLEGE OF LETTERS AND SCIENCE

Course in Chemistry-2-4 units of German

Medical Science-2 units of Latin; language as needed for the B.A. or B.S. degree

Medical Technology-2-4 units of French or German

Course in Nursing-2 units of any foreign language

Physical Medicine_0-4 units

General Course leading to the Bachelor of Arts degree—2-4 units; Bachelor of Science degree—2 units

Course in Journalism—For the B.A. degree: 2–4 units; for the B.S. degree: 2 units Course in Humanities—4 units of Latin, and 2–4 units of Greek, French, or German Course in Music (Bachelor of Music degree)—0–4 units

COLLEGE OF AGRICULTURE

Home Economics—2-4 units in one language or 5 units in two. (See bulletin of the School of Home Economics for specific language requirements.)

GENERAL INFORMATION

SCHOOL OF EDUCATION

Foreign language is not definitely required of students enrolled in the School of Education. Those who elect the foreign language option, however, will find it distinctly to their advantage to be prepared for foreign language attainment examinations.

HIGH-SCHOOL FOREIGN LANGUAGE

High-school work in a foreign language is accepted in satisfaction of the foreign language requirements for the various degrees at the rate of 4 university credits for one unit, with a minimum of two units in one language (unless the language is continued in college) and a maximum of six units.

AUDITORS

Students may enroll in the University as auditors provided they obtain the written approval of the dean of the college in which they plan to take courses. Auditors are required to pay fees and to register in the same way as regular students.

Regular students may enter classes as auditors subject to approval by their adviser and the instructor.

Auditors are under no obligation of regular attendance, preparation, recitation or examination, and receive no credit toward graduation.



DO YOU WANT TO KNOW ABOUT ...

Fees and tuition costs Part-time jobs Loans Scholarships Fellowships Assistantships

... You'll find these subjects summarized in the following pages-



Part III - Student Expense and Financial Aids

There is considerable variation in student expenditures for room and board, books and supplies, laundry, recreation, and local transportation. An average expenditure for these items is estimated at \$865 for the 38-week academic year. The actual expenditures of many students for these items may vary by as much as \$350. These estimates do not include university fees, nonresident tuition, clothing, or transportation to and from Madison. More detailed information on the cost of board and room may be found in the section on housing.

FEES AND TUITION

The resident and nonresident semester fees listed below include, among other things, membership in the Memorial Union, Infirmary hospitalization privileges, and a laboratorylibrary charge. Any student not registered in the Law School who elects 8 or more credits per semester of Law School subjects will be assessed the Law School fee.

The University reserves the right to alter any of these charges without notice.

	RESIDENTS	NONRESIDEN'TS
All Colleges and Schools except Law and Medicine	\$ 90.00	\$250.00
Law School	100.00	260.00
Medical School		
lst, 2nd, and 3rd years	170.00	330.00
4th year		285.00

Exceptions and Remissions. Following are the exceptions to and remissions of the above semester fees:

(a) War veterans who qualify under the G.I. Bill, Public 346, or the Veterans Rehabilitation Bill, Public 16, are entitled to have their fees paid by the Veterans Administration.

(b) The Wisconsin Union portion of the semester fees will be remitted for life members of the Wisconsin Union. Life members of the Memorial Union Building Association (starting January 1, 1952) are not eligible for any exemption on the semester fee.

(c) With the consent of the appropriate dean or director students may enroll in the University on a per-credit fee basis as follows:

All Colleges and Schools except Graduate,	RESIDENTS	NONRESIDENTS
Law and MedicinePer credit	lit \$ 9.00	\$32.00
Law SchoolPer credi	it 10.00	35.00
Graduate SchoolPer credi	it 15.00	42.00

The Medical School does not admit students on a per-credit basis.

Infirmary and Union privileges are excluded. No late registration fee will be charged.[•] (d) Students entering after half a semester has elapsed shall pay half of the semester fees. No late registration fee will be charged.

(e) Graduate students who are members of the teaching and research staff of the University, fellows and scholars, honorary fellows and honorary scholars, members of the State Geological and Natural History Survey, members of the technical staff of the Forest Products

* Subject to change.

Laboratory, staff members of the United States Department of Agriculture stationed at the University and engaged in research, technical experts employed in any department of the state government, and officers of the United States Army detailed as students by proper authority are entitled to *remission of the nonresident tuition fee*.

The general rules as to exemption from the nonresident tuition for instructors and assistants is that the exemption applies only to those whose stipend amounts to at least \$400 per academic year (or \$200 per semester). Those with lesser stipends will be required to pay the nonresident tuition.

(f) Honorary fellows are entitled to remission of the semester fee and to remission of the nonresident tuition fee. Honorary scholars are entitled to remission of the incidental portion of the semester fee and to remission of the nonresident tuition fee.

(g) Candidates for the master's or doctor's degree who are not enrolled at the time they present themselves for examination are required to pay a registration fee of \$12.

Exemption From Nonresident Tuition. In addition to the general semester fee a nonresident tuition is charged to students who are nonresidents of the state, or who are not exempt from payment of nonresident tuition pursuant to the following excerpt from Section 36.16 of the Wisconsin Statutes:

"Any adult student who shall have been a resident of the state for one year next preceding his first admission to the University, or any minor student whose parents have been bona fide residents of the state for one year next preceding the beginning of any semester for which such student enters the University, or any minor student, whose natural parents are divorced or legally separated, and who has resided continuously for the preceding year with either his mother or father, provided that such mother or father has been a bona fide resident of the state for one year next preceding the beginning of any semester for which such student enters the University, or any minor student who is an orphan who has resided continuously for the preceding year with a grandparent or a legally appointed guardian, provided that such grandparent or guardian has been a bona fide resident of the state for one year next preceding the beginning of any semester for which such student enters the University, or any minor student who is under guardianship in this state pursuant to chs. 48 or 319, provided that the parental rights of the parents of such minor have been judicially terminated, and provided that, if the guardian of such minor is an individual, such individual has been a bona fide resident of the state for one year next preceding the beginning of any semester for which such student enters the University, shall, while he continues a resident of the state, be entitled to exemption from fees for nonresident tuition, but not from tuition, incidental or other fees in the University. Any student who shall not have been a resident of the state for one year next preceding his first admission to the University, except as above provided, shall not be exempt from the payment of the nonresident tuition fees until he shall have attended the University for four academic years; but if he shall have attended the University and thereafter shall continuously have been a resident of this state for a period of combined attendance at the University and subsequent residence in the state of not less than four years, he shall, while he continues a resident of the state, be entitled to exemption from payment of the nonresident tuition fees upon reentering the University."

The following types of students are in general exempt from the nonresident tuition:

- I. Any adult student who has been a legal resident of the state for one year next preceding his first admission to the University, and as long as he continues to be a legal resident of the state, is not charged the nonresident tuition.
- II. Any minor student whose parents have been bonafide legal residents of this state for one year next preceding the beginning of any semester for which such student registers is not charged the nonresident tuition. The beginning of any such semester is consid-

ered to be the first day of instruction, and such student must be of minor age on that date.

- III. Any adult student who has entered the University and been classified nonresident for tuition purposes for four academic years, consisting of fall and spring semesters, and has established legal residence in this state prior to the end of the fourth academic year, is not charged nonresident tuition thereafter as long as he continuously maintains legal residence in this state.
- IV. Any adult student who has been classified nonresident for tuition purposes for one semester or more and thereafter shall continuously have been a resident of this state for a period of combined attendance at the University and subsequent residence in the state of not less than four calendar years, he shall, while he continues a resident of the state be entitled to exemption from payment of the nonresident tuition fees upon reentering the University. Legal residence in Wisconsin of such students must have been established on or before the last day of attendance at the University.
- V. Any adult student who is re-admitted to the University at least five calendar years subsequent to his first admission is eligible for exemption from the nonresident tuition provided he has maintained legal residence in this state for a minimum period of one year immediately preceding such re-admission.
- NOTE 1. For the purpose of determining eligibility for exemption from the nonresident tuition classification, the date of first admission of an adult student is considered to be the date of the Registration Office stamp affixed to his fee card for the first regular semester, fall or spring, of attendance; and the date of first admission of a minor student is considered to be the first day of instruction for the first regular semester, fall or spring, of attendance.
- Note 2. The determination of residence classification for tuition purposes is made by the Residence Examiners in the Office of Registration and Records, B-3 Bascom Hall. Appeals of students from nonresident classifications are to be made to the Secretary of the Regents, 171 Bascom Hall. Students having questions as to residence status should consult directly, either in person or by correspondence, with the Residence Examiners in the Office of Registration and Records. Any informal opinions or statements concerning residence status by other university personnel are not to be considered as being official.

Payment. Students are not officially registered until their tuition and fees are paid. All fees must be paid on or before Friday of the first week of instruction in each semester. Failure to pay fees by this date will result in cancellation of registration, and class attendance must be discontinued.

Students who register, or re-register, after the first week of instruction are subject to the following schedule of penalties:

Registration during the second and third week of instruction......\$ 5.00 Registration after the third week of instruction.......\$10.00

Refunds. The Cashier, upon recommendation of the Recorder, is authorized to make refunds of semester tuition and fees on the following basis to students withdrawing from the University: withdrawal before and during the first week, 100 per cent; during the second week, 80 per cent; during the third and fourth weeks, 60 per cent; during the fifth and sixth weeks, 40 per cent; during the seventh and eighth weeks, 20 per cent; and after the eighth week, no refund.

No claim for refund or remission of nonresident tuition will be allowed unless such claim is made during the fiscal year to which the claim is applicable; and no claim for refund or remission of other fees will be allowed, except when specially authorized by the Regents, unless such claim is made within one year from the date of payment of the fee. No fees will be refunded to a student who has been suspended for disciplinary reasons.

PART-TIME STUDENT EMPLOYMENT

A recent study indicates that approximately one third of the men and one third of the women registered as undergraduates contribute to their own support by working part time while they are enrolled in the University. Since the employer usually requires a personal interview, the student should not expect to obtain a definite job before he arrives to stay. Help is often wanted on very short notice. It is then necessary to send a student who is available and ready for immediate work.

The departments of the University normally employ around two thousand students. Part-time technical and semi-professional positions in the University are usually filled by graduate students. However, many positions which do not require special training or experience are held by undergraduates.

The Student Employment Bureau is called upon to recommend students for housekeeping duties in private homes, as stenographers, baby sitters, clerks, typists, waiters and waitresses, dishwashers, cooks, janitors, bell boys, clothes pressers, musicians, repair men, window washers, house cleaners, tutors, skilled tradesmen, and technical workers. Much student employment is temporary in nature. When they have become established in the community, many students are able to obtain work which makes better use of their talents.

It is highly desirable for students entering the University to come with sufficient funds to finance at least their first semester. Part-time work schedules should be arranged with extreme caution. A student carrying a normal academic schedule should plan to study at least twenty-five hours per week—this is in addition to the usual fifteen or twenty class hours. Good health and reasonable scholastic ability are important considerations. If a heavy part-time employment schedule is necessary, the student should consult the office of the dean of his college about the advisability of a reduced academic program.

The Student Employment Bureau is often able to locate some kind of part-time work for those who want it. It can give no guarantee to that effect, of course. At present, competition is keen and there are more applicants for part-time work than there are jobs available. Students are expected to be dependable and to consider a job as a business proposition. The present minimum wage for part-time student work is sixty-five cents an hour. The office of the Student Employment Bureau is located at 435 N. Park Street.

LOANS

The State Legislature, the Regents, and friends of the University have made money available to be used to assist students of limited financial means and good character. The purpose of these funds is to aid as many deserving and worthy students as possible. In many cases, the donor himself has set certain qualifications which determine the successful applicant.

In general, loans are made for periods of less than a year, are limited in amount, and interest rates are variable though nominal. A limited number of loans may be arranged for larger amounts, for longer terms or to be repaid after graduation. In any case the total of loans outstanding to any one student at any time may not exceed \$500. Loans are available only to students who have attended the University a minimum of one semester and have achieved a satisfactory scholastic average. A loan is granted for a definite period of time. Prompt payment is expected and student borrowers are encouraged to liquidate their obligations prior to the due date.

Various foundations which are not under university control have loan funds available to University of Wisconsin students. Some of these provide opportunities for loans in greater amounts and for longer terms than the Committee on Loans and Undergraduate Scholarships authorizes. Students may obtain information concerning loans from the Dean of Men, Bascom Hall; or in the office of the dean of their school or college. Women students may inquire in the office of the Dean of Women.

SCHOLARSHIPS, FELLOWSHIPS, ASSISTANTSHIPS

Scholarships for undergraduate students are awarded annually to applicants selected by the University Committee on Loans and Undergraduate Scholarships on the basis of scholastic attainment, financial need, and future promise. There are special scholarship opportunities for entering freshmen who are recent graduates of Wisconsin or Illinois high schools. Nonresident-tuition scholarships are awarded to new students who are not residents of the state of Wisconsin. These remit the nonresident tuition fee. Otherwise, because of the keen competition for scholarship aid, there is little opportunity to consider applications of undergraduate students who have not completed at least one semester at the University of Wisconsin.

There is a small number of scholarships earmarked for students in the College of Agriculture including the School of Home Economics.

Application forms or information may be obtained from the Office of Admissions, 166 Bascom Hall. Full information about scholarships for undergraduate students is given in the bulletin, Student Financial Aids, which may be obtained from the Office of Admissions. High-school seniors should consult their principal. Applications from prospective freshmen should be filed by March 1 to be considered in the competitions for the academic year beginning the following September. Students at the University of Wisconsin Extension Centers should seek the aid of the adviser to students at the centers.

Graduate scholarships and fellowships are awarded to graduate students on the basis of academic record and future promise by the Committee on Scholarships and Fellowships of the Graduate School. Application blanks and information may be obtained from the Graduate Office, 150 Bascon Hall. Research, teaching, and industrial assistantships are awarded to graduate students by the departments concerned. Further information about scholarships, fellowships, and assistantships is available in the bulletin of the Graduate School.



DO YOU WANT TO KNOW ABOUT ...

Housing for women Housing for men Housing for married couples and families Meals

... You'll find these subjects summarized in the following pages-



Part IV -- Housing and Meals

It is the purpose here to give general information about student housing and to familiarize the student with the types of residences. Initial requests for additional information regarding student housing should be directed to the University Housing Bureau, 434 Sterling Court, Madison 6, Wisconsin. The Bureau serves as a clearing center for all types of student housing accommodations. Applications and deposits cannot be accepted by the Bureau, but information will be provided on *where, when,* and *how* to apply for available quarters.

Prospective students should understand that acceptance for admission does not guarantee housing and that housing secured does not insure acceptance for admission. These arrangements must be made separately.

The cost of board and room is the largest item in a student's budget. These costs vary considerably from one unit to another depending on the type of residence and the place of meal service. In 1952–53 meal service rates ranged from \$1.20 to \$2.25 a day in the respective housing units, and room rates from \$3.50 to \$10.50 a week. The cost of meals in the public eating places (3 meals) averaged \$1.65 to \$2.60 per day in 1952–53. The Wisconsin Union offers the most economical meal service for students.

The cost of room and board for the academic year in the respective student houses ranged from \$460 to \$978. This investment should be made with care. The many types of residences listed on the following pages should be reviewed to aid in making a selection. It is advisable for students to apply in person for off-campus accommodations.

WOMEN STUDENTS

FOR UNDERGRADUATE WOMEN

Women students live in the following types of houses: University Residence Halls (25 per cent), privately operated and university approved dormitories and houses (32 per cent), sororities (11 per cent), private home rooms (10 per cent), co operative houses (1 per cent), parents' homes (13 per cent), and apartments (8 per cent).

Undergraduate women who do not live in university owned and operated Residence Halls, or with parents, guardians, or near relatives, are required to live in approved private dormitories, rooming houses, or sorority houses. Lists of approved houses are available at the Housing Bureau upon request. Undergraduate women are not permitted to live in apartments.

It is the responsibility of the prospective students to make applications and pay their deposits directly to the units where they want to live. Room application cards will be supplied in the houses. Students may apply for more than one residence, but as soon as they accept a contract in one unit they are obliged to cancel immediately all other applications for the period covered by the contract accepted. However, they may request that their applications be transferred to the next contract period. Contracts are signed for the semester in "room only" houses, and for the academic year in all other approved units. Partial payments are due in advance. The period of rentals in private homes in Madison varies and is determined mutually by the householder and the student concerned.

1. UNIVERSITY RESIDENCE HALLS

The University Halls are an integral part of the educational pattern of the University, and their operation is directed toward filling this role effectively. Students of all creeds, races and backgrounds live together. A Head Resident of faculty rank and a Housefellow staff of outstanding young women bring to hall residents leadership and counsel, aid in
fostering and promoting their welfare, and in providing a wealth of educational opportunities for them.

Recreational space for leisure-time activities is provided. Active student organizations govern the halls, giving to students the opportunity of enjoying and participating in a democratic type of group living. All students living in the halls belong to their hall associations and must pay the nominal fees assessed by such organizations to meet the costs of the social and cultural programs.

Rooms are comfortably and attractively furnished. Meals in all University Residence Halls are well balanced, nutritious, and skillfully prepared. A number of students work in the kitchens and dining rooms on a part-time basis in exchange for lunch and dinner. Applications for such work may be made at the Division of Residence Halls personnel office in Slichter Hall.

Barnard Hall, accommodating 156 residents in single and double rooms, is located on the main campus near the library, Union, and classroom buildings.

Chadbourne Hall will be available to women for the academic year 1953–54 because of the housing shortage for undergraduate women and the delay in the building program. It is hoped that construction of a new women's hall will begin by the summer of 1954.

Elizabeth Waters Hall, accommodating 498 students in double rooms, is located on Observatory Hill overlooking a wooded slope and Lake Mendota.

Badger Club consists of three houses for 23 women each. Residents eat their meals in the Barnard Hall dining room.

Slichter Hall on the lakeshore, constructed in 1946 as a men's hall, will be assigned to women for the academic year 1953–54. It will accommodate 200 women in double rooms.

Rates, Applications, and Assignments (Applies to Both Men and Women)

Rates are based on a prediction of future costs, and the University reserves the right to make adjustments during the year if necessary. Rates for the 1952–53 academic year ranged from \$640 to \$695 for women, and from \$580 to \$680 for men, depending upon the room assigned. Charges for room and board are payable in advance by the quarter. Rooms are not rented without board.

Room Application. (See application form on page 35.) During the academic year assignment priority must be given to Wisconsin students for University owned residence halls. At the present time demands from Wisconsin women are such that applications for assignment during the academic year cannot be accepted from graduate women or out-of-state women. To give equal opportunity to all applicants, the procedure for accepting room application for University Residence Halls is as follows:

March 1 is the first date on which applications may be made for the following academic year. Those applications postmarked March 1–10 inclusive are included in an impartial drawing held about March 15. This determines assignment and waiting-list order. Students who wish to be roommates must submit their applications in the same envelope to assure being considered together at the drawing. Applicants are urged to submit applications by mail; no priority is given to applications submitted in person. Applications postmarked after March 10 will be numbered and processed in the order received and added to the proper waiting list. Students who have not applied by March 10 should not be discouraged from adding their applications to the waiting list; each year more applications are accepted than there are accommodations available, so those on the waiting list may have an opportunity for assignment when cancellations are received.

Applications for the second semester are accepted beginning June 1; for the eight-week summer session beginning January 2. No deposit is required for summer session.

Room deposits of residents are not applied on room and board accounts but are automatically transferred from year to year until the end of the period of residence, at which time they are refunded. If after a student makes application and files a \$10.00 deposit he finds he cannot attend the University, the deposit is refunded, provided the student gives required notice concerning cancellation of contract to the Residence Halls Assignment Office. Room and board payments are refunded from the time of check-out when a student leaves the halls to enter military service.

Rooms are rented for the entire academic year, and a student can not be released from his room contract at the end of the first semester. Students planning to move into sorority or fraternity houses for the second semester are urged not to apply for rooms in the University Halls.

Room Assignments. Quotas for each class are established each year by the Board of Regents on the basis of hall capacities. For women the following 1953–54 quotas have been set: freshmen, 32%; returning halls residents, 60%; new upperclassmen, 6%; foreign students, 2% (undergraduate or graduate). Quotas for men, because of the unusual draft and manpower situation, have been suspended for the school year 1953–54, but the policy of keeping as much as possible a balance of freshmen, sophomores, juniors, and seniors in each house will continue; a 5 per cent quota has been established in the men's halls for foreign students. Wisconsin veterans of World War II and those who have been in service since then are given preference in assignment.

New room assignments are made, within quota limitations, in strict accordance with the applicant's location on the waiting list for rooms during the academic year.

APPLICATION FOR UNIVERSITY RESIDENCE HALLS

The following application may be completed and sent to the Division of Residence Halls, Slichter Hall, University of Wisconsin, Madison 6, Wisconsin. It must be accompanied by a ten-dollar deposit as specified below, made payable to University Residence Halls. Please enclose a stamped, self-addressed envelope for a receipt.

. .

Name	(Middle) Date of Application
Present Address (St. and No.) (City)	(Zone) (State) (Telephone No.)
Name of Parent or Guardian (St. and No.)	(City) (State) (Telephone No.)
APPLICATION FOR:	YOUR CLASSIFICATION WILL THEN BE:
Academic Year (SeptJune)—Deposit \$10	Fr Soph Jr Sr Grad
Second Semester (FebJune)-Deposit\$10	Course of Study
Summer Session (June-Aug.)—No deposit required. Choice of Room (Give hall and type of room). 1.	Married or Single Age Are you a Veteran? Roommate preference:
	The person you name should also request you as roommate. If no one is named, it is assumed that you will accept the person assigned.
List name of College or University attended since grad	luation from high school:
If you are a former student at the University of Wise	onsin, list former Madison address:

2. OFF-CAMPUS ACCOMMODATIONS

Privately operated university approved dormitories and houses for women students house 1,200 women in 30 units. Houses which meet at least the minimum standards of the University and the city safety code are classified as approved houses. The approved houses offer contracts for rooms on a semester basis and for room and board on the academic year basis.

Special Interest Houses

La Maison Francaise is operated under the auspices of the French Department and is open to women for both room and board.

The Spanish House, operated under the auspices of the Spanish Department in summer session only, is open to women for both board and room.

For full information write directly to the departments above.

Several co-operative houses where residents do a certain amount of work each day in order to reduce living costs are available.

Tabard Inn and Andersen House, operated by the University Women's Housing Corporation, are reserved for undergraduate women. For further information, address the Office of the Dean of Women.

One other unit, a combination co-operative and special interest house for 29 women, offers interracial group living, at low cost.

Sorority Houses

About 450 women students live in 15 sorority houses. Ordinarily sororities offer room and board to members only. However, the Housing Bureau lists them as approved residences for women during the summer session.

HOUSING FOR GRADUATE WOMEN

There are five university approved houses for graduate women. Food service and rooms are available in one private house; two have kitchen privileges, and two offer room-only accommodations by the semester. All are located near the campus and are within walking distance of the Memorial Union dining rooms. They are regularly inspected by the University.

Many rooms in private homes throughout Madison are listed with the Housing Bureau. The University does not generally inspect these rooms and therefore makes no evaluation of the accommodations offered. Privately owned and operated apartments may be rented through personal application but the supply is insufficient to meet the demand.

During the summer session some of the large dormitories, sororities, and approved houses are made available to women students. Both graduates and undergraduates are accepted in some units. Whenever a graduate student elects to live in an undergradate unit during the summer, she accepts senior status under the Associated Women Students Organization. In the large dormitories, graduate students assigned to separate units have graduate privileges.

MEN STUDENTS

The following types of housing units accommodate single men: University Residence Halls (20 per cent), privately operated lodging houses (45 per cent), fraternities (15 per cent), parents' homes (10 per cent), and private room rentals (10 per cent).

Although men students are not required to live in approved houses, the University reserves the right to request men students to move when their quarters are unsatisfactory and below accepted university housing standards. Men students may not live in houses accommodating women who are not members of the resident family.

1. UNIVERSITY RESIDENCE HALLS

The University Halls are an integral part of the educational pattern of the University, and their operation is directed toward filling this role effectively. Students of all creeds, races and backgrounds live together. An educational adviser of faculty rank and a Housefellow staff of outstanding young men bring to hall residents leadership and counsel, aid in fostering and promoting their welfare and in providing a wealth of education opportunities for them.

The halls are comfortably furnished and of modern fireproof construction. Recreational space for leisure-time activities is provided. Active student organizations govern the halls, giving to students the opportunity of enjoying and participating in a democratic type of group living. All students living in the halls belong to their hall associations and must pay the nominal fees assessed by such organizations to meet the costs of the social and cultural programs.

Meals in all University Residence Halls are well balanced, nutritious, and skillfully prepared. A number of students work in the kitchens and dining rooms on a part-time basis in exchange for lunch and dinner. Applications for such work may be made to the Division of Residence Halls personnel office in Slichter Hall.

Tripp and Adams Halls, built in quadrangular form around common courts, provide housing for 50 men in double and single rooms in each of their 16 houses. Men have their meals in nearby Van Hise dining rooms.

The eight **Kronshage houses** are located along the lake shore to the west of Tripp and Adams. They accommodate 80 men each in double rooms; the dining rooms are located in Kronshage Hall, the central unit.

(See pages 34 and 35 for Rates, Application, and Assignment Information.)

2. OFF-CAMPUS ACCOMMODATIONS

Private Lodging Houses. About 4,000 men live in lodging houses near the campus and in private homes in the residential sections of the city. It is almost impossible to obtain such accommodations by mail; rentals are arranged by personal interview with the individual owners. Houses meeting the minimum standards of the University and the city building code requirements are classified as approved houses. Contracts are provided for semester rentals in such units. Other than approved rentals, rooms are listed at the Housing Bureau on a weekly basis only. Room rent is payable in advance. A householder may collect two or three weeks' rent as a deposit when rental arrangements are made. This deposit should be applied on the rent, with the exception that the householder may hold a deposit equal to one week's rent. Students are expected to give a one-week notice from a rent-paying date if they move during a semester. The deposit held by the householder should be used to pay the final week's rent.

Fraternities. Fraternities usually operate their houses for fraternity members only. However, when vacancies occur in these houses, they are listed with the Housing Bureau, and rental information is available there for non-members.

Babcock House. Accommodations in this co-operative house are available to a limited number of students in the College of Agriculture. For detailed information write to the Associate Dean of the College of Agriculture, Madison 6, Wisconsin.

MARRIED COUPLES AND FAMILIES

1. TEMPORARY HOUSING PROJECTS

Monroe Park, originally set up as an emergency housing unit for World War II veterans, will be closed in June 1954. No new assignments will be made, and the trailer park will be in operation on a limited basis for present residents who will be registered at the University for 1953–54.

GENERAL INFORMATION

East Hill Trailer Parking Site. There are 122 trailer parking sites in this camp, located about one mile from the campus, which are occupied by married students who own trailers. This park is located two blocks from a city bus line. As demand decreases, this project will be curtailed or eliminated but as yet no definite date for final closing has been set. Those interested in obtaining trailer parking sites may write the Housing Bureau for current information.

2. APARTMENTS AND LIGHT HOUSEKEEPING ROOMS

Couples. A limited number of apartments and light housekeeping units are listed as they become vacant, and information on available accommodations can be obtained at the Housing Bureau. The turnover continues throughout the year. Couples who are not able to find satisfactory accommodations at the beginning of the semester can usually improve their housing situation after school is under way.

Families With Children. Married students with children are advised not to bring their families to Madison until housing arrangements have been completed. Here, as elsewhere in times of shortage, it is difficult to obtain housing for families with children. There is a good availability of unfurnished, heated apartments in a price range of \$100 to \$110 per month. It is difficult, but not impossible, to obtain low-cost family housing. Men who are not able to locate family housing at the beginning of the semester may find it necessary to come alone and rent a room on a weekly basis while they continue their search for accommodations. There is a continuous turnover, so the Bureau continues to receive listings throughout the year.

Detailed information on all accommodations described under this section on housing will be sent at your request. Address the University Housing Bureau, 434 Sterling Court, Madison 6, Wisconsin.

MEALS

For you who live in houses that do not have dining halls or for those extra snacks or special occasions, your Memorial Union provides the answer in its five dining rooms_four of them in the Union building and another, Breese Terrace Cafeteria, near the Ag and Engineering campus.

Your Union dining rooms furnish a variety of dining services and a wide range of prices. The large, modern cafeteria features low-cost meals and a tempting selection to fit the budget and taste. Tripp Commons is a pleasant, oak-paneled dining room which offers attractive menus and buffet service. The Georgian Grill features both *a la carte* and *table d'hote* lunches and dinners in a relaxing atmosphere with waiter service and those special touches (such as linens and silver service) that make for pleasant dining. The Rathskeller snack bar is open whenever the building is open for sandwiches and short orders which take on a special flavor in the traditional *alle deutch* atmosphere of the "Rat."

The Union's dining rooms will be open and ready to serve you on the day you arrive on campus. The Union is the place to plan to meet the other members of your class either in the lounges or over a coke in the Rathskeller.

If you need a part-time job to boost your meal allowance, there are many types of jobs open in the Union at the beginning of the year in the dining rooms or in other service areas of the building. It would be worth your while to check on this early in the semester.

There are several student-sponsored co-op meal service clubs in the campus area—applications can be made after students arrive in Madison.

Private restaurants and food service in drug stores cater to student trade. Students' meal costs for three meals range from \$1.25 to \$2.60 per day.



DO YOU WANT TO KNOW ABOUT ...

Choosing your course College of Letters and Science School of Education School of Commerce School of Pharmacy Law School Medical School School of Nursing College of Agriculture School of Home Economics College of Engineering **Physical Education** Military Training Band Summer Session Graduate School **Extension** Division Other bulletins which are available

... You'll find these subjects summarized in the following pages-



Part V -- Curricula and How to Choose Your Course

Your college education provides a foundation on which to build a full and satisfying life. It is designed to help you understand yourself as a person and also to understand others. It gives you a sense of social responsibility, to help you become an effective, participating member of your community and of our democratic society.

To reach these objectives, your program of study at the University will be arranged to include liberal amounts of social studies, sciences, and humanities. An education thus planned is not an isolated experience bounded by four years of campus living; your university career becomes the starting point in a continuous process of education. Your formal college training can only lay the foundation for an effective life and a useful livelihood.

Before you enroll in the University you must make some important decisions. You must select the School or College of the University in which you want to enroll, and you must decide which course to enter.

The decision you make at the time you apply for admission is, of course, tentative. You will have many experiences at the University which will broaden your outlook and open up new fields for you to explore. Remember, too, that until you have actually studied in a particular area, you cannot be absolutely certain of your abilities and interests. When you set a goal for yourself, try to keep a flexible point of view so you can make adjustments in your program later on without becoming disturbed. However, it is a good idea to give serious thought to your choice of subjects, even in high school, to avoid losing time in making up required subjects for a particular professional or technical program of study.

Making a Decision

When you enter as a freshman, it is important to you that your decisions be sound and that you think each one through carefully. As you approach a decision, there are several things you will want to think about:

1. Consider your experiences in home, school, and community life and look for indications of your abilities, your likes and dislikes, your potentialities and limitations.

2. Make use of material in your library to find out more about the occupations that seem the best suited to you. Talk with your parents, your high-school principal and teachers, and employers and professional people in your community. As a prospective student, you are also invited to visit the University before you register to consult with student personnel officers or administrative officers of the college you would like to enter.

3. Choose your college, school, course, and major on the basis of adequate information about instruction and university facilities which may help you reach your goals.

This does not mean that you must make an immediate decision about a specific occupation. For many fields of work, a broad education is the most desirable preparation. However, if you choose one of the several broad patterns for your education, you are eliminating those occupations requiring specific training or else prolonging your university career. If an occupational goal can be chosen, even in very broad terms, necessary decisions can frequently be made for the freshman year and more specific decisions postponed until later. Thus, for instance, a student who knows that he wants to work with people—perhaps as a teacher, a social worker, or as a psychologist—can plan a program of study which will be basic to all of those occupations.

Choice of College and Course

Entering freshmen will enroll in one of the following:

- 1. The College of Letters and Science
- 2. The College of Engineering
- 3. The College of Agriculture (including the School of Home Economics)
- 4. The School of Education

If you have already decided on your future occupation, it will be relatively easy for you to select your school or college. (See courses listed on pages 42 and 52.) You can avoid serious mistakes by obtaining adequate information about courses offered and about occupational possibilities.

It is always possible to change your course of study. Some of the subjects taken in any one of the four administrative sections mentioned above may be accepted toward graduation in the others. However, a change of course may mean prolonging your university career, because you must meet all the requirements of the course and college from which you expect to graduate.

If you have not yet decided on your educational or occupational goal, read carefully the descriptions of courses outlined in the following pages of this bulletin. Eliminate those which are not likely areas of interest to you. Then choose the course which offers the best opportunity for developing and satisfying your interests and abilities.

COLLEGE OF LETTERS AND SCIENCE

The broad aims of the undergraduate programs of study in the College of Letters and Science are two-fold:

1. To provide the student with basic and extensive educational experiences in the humanities, social studies, languages, and sciences. In order to qualify as a specialist, graduate study is generally necessary.

2. To provide the foundation for work in certain professional and technical fields (such as chemistry and applied mathematics and mechanics) and for admission to professional schools (such as commerce, education, journalism, law, medicine, music, and pharmacy).

The general educational background acquired in any of the four-year courses should, if properly applied, enable the student to become a well-informed, responsible citizen able to contribute to the direction of community, national, and international affairs. It provides sound preparation for entry into many fields of work, nonprofessional as well as some technical fields. The student is reminded that many of the professional types of work require education beyond the four-year level for certification (medicine and law, for example). With the increase in the number of college graduates the competition for jobs raises standards and adds to the qualifications for them.*

The student will find it advantageous to study carefully the subjects required in the study programs as outlined in the appropriate school and college bulletins (see page 53) and to decide from his scholastic experience in high school whether or not he can expect to meet the demands of advanced courses on the college level. This is particularly significant in those programs which emphasize sciences or mathematics.

I. The student who wishes a general education or, at the present time, is undecided as to a specialized or professional course of study, will follow one of the programs listed below:

^{*} A student who has earned at least 60 credits and 60 grade-points in the College of Letters and Science, and who has pursued for at least two years an approved program which would normally lead to the B.A. or B.S. degree, will be granted a Certificate of Junior Graduate in Liberal Studies.

- A. Prior to entrance he will decide on one of the following with the option of changing his course at a later date:
 - 1. **B.A. General Course.** The program of study consists of subjects in the humanities, social studies, sciences, and the equivalent of three to four years of foreign language.
 - 2. **B.S. General Course.** The program of study is similar to the B.A. General Course *except* for the foreign language requirement.
 - 3. Integrated Liberal Studies. An optional, planned program of studies providing a broad liberal education while satisfying the general requirements of the College of Letters and Science. Equal attention is given to the humanities, the social studies, and the sciences as the background of our current culture. At least one elective course may be added each semester; candidates for the B.A. degree will take one course in a foreign or classical language until the foreignlanguage requirement is satisfied. The ILS program is limited to 300 students in each freshman group.
 - 4. Course in Humanities. This four-year course is planned for the student who wishes a liberal education through intensive study of a regional culture, classical or European. The student is assigned to an adviser who not only helps him plan his program but also directs his tutorial work. The applicant should note in the bulletin of the College of Letters and Science the special requirements for admission to this course.
- B. At any time while pursuing one of the four programs above, the student is free to transfer to one of the professional courses in Section II below, provided he can meet the requirements for the program of his choice. Normally, a transfer made at some time during the first two years will not appreciably delay graduation.
- C. In the third year the student selects one or a combination of the areas listed below for extended study.

1. American Institutions	13. English	26. Meteorology
2. Art History and Criticism	14. French and Italian	27. Music
3. Astronomy	15. Geography	28. Philosophy
4. Bacteriology	16. Geology	29. Political Science
5. Biological Aspects of Conservation		30. Psychology
6. Botany	18. Hispanic Studies	31. Regional Planning
7. Chemistry	19. History	32. Scandinavian
8. Classics (Latin and Greek)	20. History of Science	33. Slavic (Polish and Russian)
9. Comparative Literature	21. International Relations	34. Social Work
10. Comparative Philology and	22. Journalism	35. Sociology and Anthropology
Linguistics	23. Language and Literature	36. Spanish and Portuguese
11. Economics	24. Mathematics	37. Speech
19 Fast Asian Studies	25. Medical Science	38. Zoology

- II. The student who has tentatively decided upon his ultimate occupational goal may elect one of the following programs in line with his interest. He should study carefully the requirements and programs of study as outlined in the bulletin of the appropriate school or college.
 - A. The following are four-year programs of study offered through the College of Letters and Science and are begun in the student's first year of enrollment. (See bulletin of the College of Letters and Science for specific admission requirements and information concerning subjects included in the various programs.)
 - 1. Applied Mathematics and Mechanics Course. This program provides training in the fundamentals of mathematics, physics, and engineering.
 - 2. Chemistry Course. Three options are open to the student: general, food, and fermentation. The program is designed to train chemists for industry, government, and teaching. The student may also major in chemistry following the

plan outlined in Section I, which permits a wider selection of subjects in areas other than chemistry.

- **3. Medical Technology Course.** The program consists of three years of required and elective subjects and one year in the major in Medical Technology.
- 4. Music Course. Three professional courses are offered: (1) Applied Music, which prepares students as expert performers (piano, voice, violin, etc.); (2) Theory and History, which gives the background necessary for composing and arranging; and (3) School Music, instrumental or vocal, which qualifies for teaching. The student may, however, major in music following the plan outlined in Section I.
- 5. Naval Science Course. The objective of this course is to qualify students to serve as commissioned officers in the regular Navy or Marine Corps or in the Naval or Marine Corps Reserve. Unless the student qualifies by means of the annual navy college aptitude test, he may not elect this program prior to entrance. At the time of first registration other students may apply to the Professor of Naval Science.
- 6. Nursing Course. For students interested in the study of nursing, two possible five-year programs are available: (1) The Course in Nursing which leads to the degree of Bachelor of Science (Nursing), combining two years of academic work with 27 months of resident professional instruction and a major, during the fifth year, in Public Health Nursing or Ward Management and Ward Teaching. (2) A combination of the study of nursing with a major in the College of Letters and Science leading to a Bachelor of Arts or Bachelor of Science degree in the General Course and to the Certificate of Graduate Nurse. This procedure combines three years of academic work with 27 months of resident professional instruction. (See also Combined Course with Home Economics on page 49.)
- 7. Physical Medicine Course. The program consists of three years of general required and elective subjects and one year in the Physical Therapy major.
- **B.** If the student's tentative occupational choice is in one of the following programs, he is enrolled in the College of Letters and Science for one, two, or three years before transferring to the appropriate school. His decision should be made prior to entrance, although he is reminded that he may change his plans after enrollment.
 - 1. **Pre-Commerce.** The two years of pre-commerce work consist of general education subjects in the College of Letters and Science together with two or three School of Commerce subjects. There are special grade-point as well as subject requirements which the student must meet in order to transfer to the School of Commerce at the beginning of the junior year. See the bulletin of the College of Letters and Science and the School of Commerce bulletin.
 - 2. Light Building Industry. This is a special four-year program of prescribed study, two years of which are taken in the College of Letters and Science and the last two years in the School of Commerce. The applicant is referred to the bulletins of the college and school for detailed information.
 - 3. **Pre-Education.** The student preparing to teach academic subjects in secondary schools or for general elementary school teaching elects one of the first three plans outlined in Section I-A on page 43 for his first two years, prior to transfer to the School of Education. See School of Education section below for information about other programs of study offered by this school.
 - 4. Pre-Journalism. The student elects one of the first three plans outlined in Section I-A on page 43 for the first two years. In addition, subjects in prejournalism are included as an introduction to the professional work in this area. Areas of specialization in the School of Journalism in the junior and senior years are daily newspaper, community newspaper, journalism-advertising and business

management, journalism-magazine, teaching, journalism-radio, public relations, and communications media and public opinion.

- 5. Pre-Law. For admission to the Law School a student must offer a minimum of three full years of work in the College of Letters and Science, the College of Engineering, or the School of Commerce. Because it is felt that pre-law work should be pursued with relatively little regard to an intention ultimately to study law, specific subjects are not prescribed. A student who has formed the intention to study law should emphasize the acquisition of language skills, the acquiring of as wide a familiarity as time permits with the subjects in the field of the social sciences, and the acquisition of at least a respectable knowledge in the field of the natural sciences. It is believed that it is in general advisable for a student to complete one of the four-year programs before beginning the study of law, thus getting a larger background for that study. If the applicant enrolls in the College of Letters and Science he elects one of the first three plans outlined in Section I-A on page 43. (See section on Law School, page 47, for further details.)
- 6. **Pre-Pharmacy.** Students in this course carry the first year's work of prescribed studies in the College of Letters and Science. At the beginning of the second year, provided that they satisfy the minimum grade-point requirement, they transfer to the School of Pharmacy. The requirements for this course are found in the bulletin of the School of Pharmacy.

Students interested in a career in medicine will take their preliminary work in the B.A. or B.S. General Course in the College of Letters and Science. The equivalent of three full years of work is required for admission to the Medical School. In addition to the general requirements, the student must elect specific courses. The program of study may be combined with the preclinical part of the medical course, so that a bachelor's degree may be obtained at the end of the first year with a major in Medical Science.

SCHOOL OF EDUCATION

The School of Education provides professional preparation for elementary school teachers and for teachers of academic subjects in secondary schools. It also prepares students for positions as directors and teachers of recreation or as teachers of such special subjects as art, agriculture, home economics, physical education, and conservation.

Students preparing for general elementary teaching or for teaching academic subjects in secondary schools must register in the College of Letters and Science during the first two years.

Those students who select one of the areas below enter the School of Education directly as freshmen.

- Art Education. This course provides the student with basic and advanced art courses in the studio, in art history, and during the junior and senior years, in teacher training. It prepares teachers of the arts in general fields for public and private elementary and secondary schools. Graduates with experience and advanced training may qualify for teaching and design work in college, university, professional art schools, and museums.
- 2. Applied Art. The Applied Arts major, like the Art Education major, during the first two years takes basic courses in drawing, painting, design, composition, survey of contemporary art, sculpture, and art history. In the junior and senior years the student may elect courses in painting, sculpture, metalcraft, ceramics, graphic arts, serigraphy, and commercial art. In other university departments work may be taken in art history, landscape architecture, and related art—weaving, costume design, interior decoration.
- 3. Occupational Therapy. This is a four-year program of study administered jointly by the School of Education and the Medical School. Students in it register in the School of

Education. The program includes, in addition to the general academic requirements, technical training in the Departments of Art Education, Physical Education, and Home Economics. Upon completion of the course, the student has 36 weeks of clinical training in several types of hospitals and agencies.

- 4. Physical Education and Athletic Coaching for Men. The program of study is designed to train directors and instructors in the various phases of this field. Work includes practice and training in the fundamental sciences and education.
- 5. Physical Education for Women. This course provides professional preparation for those who wish to become teachers of physical education, or teachers of dance. Two programs are offered: (1) the general major, and (2) the dance major.
- 6. Recreation Leadership. The curriculum for Community Leadership in Recreation is a four-year undergraduate program preparing the student for leadership in and development of recreation services in the modern community. This curriculum is administered by the School of Education through a staff member in the Department of Education who serves as co-ordinator. An inter-college advisory committee assists the co-ordinator in developing the program. Those students interested in a *major* or *minor* in this curriculum should consult the co-ordinator, whose office is 306B Education Building.

If the applicant's choice is in one of the areas listed below, he enters the college or course indicated.

- 1. Agriculture and Education. Students preparing to teach agriculture in secondary schools enter the College of Agriculture in their first year. At the beginning of the junior year, they must register in both the College of Agriculture and the School of Education.
- 2. Home Economics and Education. Students preparing to teach home economics in high schools and vocational schools enter the School of Home Economics in their first year and register jointly in the School of Home Economics and the School of Education for their last two years.
- 3. Chemistry, Humanities, Journalism, and Music in the College of Letters and Science; and the Business Education Course in the School of Commerce. Students in these and other special courses who wish to receive the University Teachers' Certificate are required to register in the School of Education during their junior and senior years, and to complete the requirements for the teachers' certificate. In addition, they continue their regular status in their respective courses, and must meet the requirements for degrees as specified for those courses.

SCHOOL OF COMMERCE

The School of Commerce offers programs of study in Business Administration and in Light Building Industry. All of its offerings are based on a foundation of broad fundamental education, with reasonable specialization in the latter part of the undergraduate career.

Admission to the School of Commerce requires either two years in the College of Letters and Science (see page 44), two years in Agriculture, or two years in the College of Engineering. Suggested programs for these two years may be found in the bulletins of these colleges.

The School of Commerce maintains high scholastic standards. Students with sufficiently high grades are afforded a wide selection of fields in which to major. In the senior year, qualified students may specialize in one of the following fields: Accounting (including industrial cost accounting), banking and finance, business teacher education, industrial management, labor management, marketing (including purchasing and advertising), public utilities and transportation, real estate, risk and insurance (including actuarial science), and statistics. Students are also afforded an opportunity to combine studies in Commerce with Law or Engineering. For further details about these and other programs available, students should consult the bulletin of the School of Commerce.

SCHOOL OF PHARMACY

The object of the Course in Pharmacy is to furnish a scientific foundation for the pursuit of the profession of pharmacy in all of its branches: not only to prepare students to operate drug stores, but to fit them for other lines of pharmaceutical activity—to become pharmacists in hospitals or in the armed forces, to enter pharmaceutical industry, to engage in pharmaceutical research, or to enter the government service.

Students who are candidates for the degree of Bachelor of Science (Pharmacy) must complete one year of work in the College of Letters and Science. They enter the School of Pharmacy at the beginning of the sophomore year. Sophomores must make application to the Dean of the School of Pharmacy for official transfer as soon as the requirements for the freshman year have been fulfilled.

Applicants for admission to the School of Pharmacy must present a minimum grade-point average of 1.3 for all of their collegiate work. Pre-pharmacy students in the University of Wisconsin who fail to attain a minimum grade-point average of 1.3 at the end of their first year may continue in the school or college in which they originally registered provided they have met the minimum requirements of that school or college. No student may be registered as a pre-pharmacy student for more than four semesters. Such students will not be allowed to carry courses in the Department of Pharmacy in their second year of pre-pharmacy work.

For additional information, see the bulletins of the School of Pharmacy and the College of Letters and Science.

LAW SCHOOL

The program leading to the degree of Bachelor of Laws requires three academic years in residence plus the satisfaction of an apprenticeship requirement. For admission to the Law School one must have had a minimum of three years of college work equivalent to the first three years of the College of Letters and Science of the University of Wisconsin or have completed the first three years of work leading to a bachelor's degree in either the College of Engineering or the School of Commerce of this University. Applicants for admission who have not received a degree must have a grade-point average of 1.5. Those who have received a degree must have a grade-point average of 1.0.

The satisfactory completion of three years of work in a general course leading toward a bachelor's degree in Arts and Science in any college or university officially recognized by the University of Wisconsin will be considered as the equivalent of the first three years of the College of Letters and Science of the University of Wisconsin. A student who is a candidate for a bachelor's degree in the College of Letters and Science, the School of Commerce, or the College of Engineering in the University may elect courses in the Law School during his senior year and credit them toward his degree in such college or school. By electing a combined course in the College of Letters and Science and the Law School a student may obtain a bachelor's degree from both after a total residence of six years. Additional time is ordinarily required for completion of courses in the School of Commerce and the College of Letters and Law or in Engineering.

For special regulations and for detailed recommendations of particular courses for special fields of law, such as taxation or patent law, the student should consult the bulletin of the Law School.

MEDICAL SCHOOL

The program of study for candidates for the degree of Doctor of Medicine may be divided into three parts—basic academic, preclinical, and clinical. At the University of Wisconsin, three years of collegiate work are required for admission to the Medical School, to be followed by two years each in the preclinical and the clinical divisions of the School itself. The latter groupings are not sharp divisions within the medical course; an effort is

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made to integrate the basic sciences of medicine with clinical study. A student entering the College of Letters and Science with the objective of studying medicine follows a program which will enable him to complete the required academic work within the time assigned to it. A minimum of three years is prescribed for this period of academic training. The student's program will be such that he can fulfill the requirements for admission to medicine either at the University of Wisconsin or at other medical schools of his choice. At the same time, every effort will be made to avoid a purely vocational approach, or disproportionate attention to the biological, physical, and chemical sciences. To balance his education, the student is afforded a choice of electives.

The general regulations governing freshmen and sophomores in the College of Letters and Science apply to those students who will later seek admission to the Medical School. Those students whose development and attainment give promise of acceptance into the medical course here or elsewhere may be assigned to the Associate Dean of the Medical School for counseling in the third year. This plan, envisioning a liberalization of the program, provides more adequate advice to students who may require a change in the major after the second year in the College of Letters and Science.

After the third year of academic work, students accepted into the Medical School may complete the senior year with dual registration in the College of Letters and Science and the Medical School. Detailed information regarding the curriculum may be obtained from the Medical School bulletin, or by direct inquiry at the Medical School office or the office of the Associate Dean of the Medical School.

SCHOOL OF NURSING

The School of Nursing is organized in association with the Medical School of the University and the State of Wisconsin General Hospital. The school seeks to give its students adequate preparation for sympathetic care of the sick and the promotion of health, to foster academic education as an aid to professional experience, and to stimulate advanced training and research in special fields of nursing.

The School of Nursing offers a Basic Professional Nursing program which prepares the student for the Certificate of Graduate Nurse and the degree of Bachelor of Science (Nursing). It also has a program for graduate professional nurses which leads to the degree of Bachelor of Science (Nursing) with a major in either Public Health Nursing or Ward Management and Ward Teaching.

A Certificate of Graduate Nurse is given on completion of the required preclinical academic study and the 27 months of resident clinical instruction. See the bulletin of the School of Nursing for detailed information about the programs of study.

COLLEGE OF AGRICULTURE

The College of Agriculture has two broad divisions, Agriculture, and the School of Home Economics.

COURSES IN AGRICULTURE

Long Course. The curriculum of the College of Agriculture aims to instill in its students the spirit of leadership, to provide them with a rich cultural development, and to teach them intelligent recognition of the many professional problems in a progressive agriculture.

Upon satisfactory completion of four years of college work, students receive the Bachelor of Science degree. This qualifies them for a wide variety of positions, including: county agricultural agent, high-school agriculture teacher, editor or writer for farm magazines and papers, federal or state civil service, or public relations work with farm organizations. Many of the men take positions with the Soil Conservation Service; with dairy, meat, feed. and plant food industries; in the farm machinery business, insurance companies, or in other industries. Some enter farming or farm management positions.

During the first two years, a student takes certain basic subjects which are required regardless of his anticipated major. He chooses his major field before the beginning of the junior year. In making this selection, he works with his faculty adviser, who is available for consultation on numerous academic problems. The student may select for his major any one of the areas listed below:

- 1. Agricultural Economics
- 2. Agricultural Education
- 3. Agricultural Equipment Industry
- 4. Agricultural Journalism 5. Agricultural Engineering
- 6. Agronomy

- 8. Bacteriology 9. Biochemistry
- 10. Dairy Husbandry
- Dairy and Food Industries
 Dairy Manufacturing Industry
- 15. Genetics 16. Horticulture 17. Plant Pathology
 - 18. Poultry Husbandry
 - 19. Rural Sociology
 - 20. Conservation 21. Soils

- 13. Entomology
- 7. Animal Husbandry
- 14. Food Technology

Pre-Forestry and Pre-Veterinary Science. The University offers a two-year curriculum in pre-forestry and pre-veterinary science. For professional training in either of these fields, the student must transfer to another institution.

Middle Course. The two-year Middle Course in Agriculture is for students who are interested in taking regular academic work in agriculture with emphasis on its practical aspects. There are few requirements in this program, and the student is able to choose the subjects which will best meet his individual needs. Upon completion of the course, he is eligible to receive the title of Graduate in Agriculture. Those students who transfer to the Long Course after finishing the Middle Course should expect to spend more than four years to earn a bachelor's degree.

Short Courses. These courses are designed for young men between the ages of 19 and 26 who expect to farm or enter some other phase of practical agriculture. The Short Courses prepare for general and specialized farming, dairy herd improvement, dairy manufacturing and care of city milk supply. The Farm Short Course covers three winter periods of five weeks each for two years. The student is awarded a certificate on completion of the course. The Winter Dairy Course lasts eighteen weeks. These courses do not carry college credit. Information regarding admissions, fees, room and board, etc., may be obtained by writing to the Associate Dean of the College of Agriculture for special bulletins of these courses.

For detailed information about the other courses mentioned above, consult the College of Agriculture bulletin.

SCHOOL OF HOME ECONOMICS

The curricula in home economics are planned for students who desire a knowledge of the subject as a part of a general education for family life, and for professional preparation for teaching, extension work, institution management, hospital dietetics, experimental foods, interior design, costume design, child development, and merchandising of textiles and clothing. They also prepare for other positions closely related to these fields of work. It is possible for students to take combined courses in home economics and nursing, home economics and community leadership in recreation, and home economics and journalism. A nonprofessional curriculum is included for students who wish to prepare primarily for home and family living.

The various home economics curricula are essentially the same in the first year with the exception of the foreign language requirement in some areas.*

When a student enters the University she is assigned an adviser from the home economics faculty. The adviser assists the student in planning her course and also counsels with her in regard to other problems concerning college life.

^{*} Required of students majoring in Applied Bacteriology, the nonprofessional major, major in Community Leadership in Recreation and Home Economics or the general professional major without education courses.

The student chooses a major from one of the following fields:

- 1. Home economics and education
- 2. General professional major
- 3. Major in foods and nutrition
- 4. Major in clothing and textiles
- 5. Major in related art
- 6. Major in home economics and journalism
- 7. Major in child development
- 8. Combined major in home economics and nursing (five years)
- 9. Major in applied bacteriology
- 10. Nonprofessional major in home economics
- 11. Major in community leadership in recreation and home economics

For specific information about any phase of the home economics program the prospective student should consult the current issue of the Home Economics bulletin. Additional information may be obtained from the Associate Dean, School of Home Economics.

COLLEGE OF ENGINEERING

The courses in the College of Engineering are planned to provide students with the following:

- Thorough training in the basic sciences—an essential preparation for a career in engineering.
- 2. A broad knowledge of the scientific and technical bases of modern life, in preparation for living and for the responsibilities of leadership in business, industry, and civic life.
- **3.** Experiences in the application of fundamental training to the solution of problems in a field of specialization.

It is most essential that a student beginning the study of engineering be well prepared in high-school mathematics. Those not adequately prepared will not be permitted to take the beginning course in mathematics in their freshman year. All students entering the engineering courses will be tested in algebra by an examination given on the first day of the freshman period or shortly thereafter. Students having less than one and one-half years of high-school algebra are usually unable to pass this examination. Those failing in the test are not permitted to continue with regular freshman mathematics, but are required to take a noncredit course in algebra. Further information on how to meet the requirements in mathematics may be found in the College of Engineering bulletin and in the section on Admissions, page 18 of this bulletin.

Seven four-year courses are offered in the College of Engineering, and the beginning student is required to choose one of them. The first year of engineering, however, is so similar in all of the courses that a change can easily be made from one course to another at the end of the first year. During this first year, the student should become informed about each of the engineering specialties so that he can be sure he has chosen the field most appropriate to his interests and abilities.

The following four-year courses are offered:

- 1. Biochemical Engineering
- 2. Chemical Engineering
- 3. Civil Engineering
- 4. Electrical Engineering
- 5. Mechanical Engineering
- 6. Mining Engineering
- 7. Metallurgical Engineering

The College offers no separate curriculum in aeronautical engineering. A number of elective subjects in aeronautics and related fields are offered for students who wish to work in the aircraft industry. Students who are qualified in the special applications of their branch of engineering to aeronautics readily find opportunities in various phases of the industry.

Industrial engineering courses are offered for interested students. By careful selection of courses, a student may obtain a thorough knowledge of the basic industrial engineering subjects while completing all of the requirements in one of the above four-year courses.

COMBINED COURSES

Agriculture and Engineering. A five-year course in agricultural engineering is offered in co-operation with the College of Agriculture. The students considering that field should obtain the bulletin of the College of Agriculture and consult with the chairman of the Department of Agricultural Engineering before enrolling.

Commerce and Engineering. A course in Light Building Industry, which includes some subjects in the College of Engineering, is offered by the School of Commerce. For details consult the bulletin of the School of Commerce and to Section II-B-2, page 44 of this bulletin.

It is possible, by careful planning, to obtain in five years a bachelor's degree in engineering and also one in commerce. For more information see the bulletins of the College of Engineering and the School of Commerce.

A student may take two years of pre-commerce work in the College of Engineering instead of in the College of Letters and Science in preparation for admission to the School of Commerce. Careful planning of the course of study from the second semester of the freshman year is necessary if this is to be done without prolonging the course beyond four years. The bulletin of the School of Commerce contains further information.

Law and Engineering. Students interested in obtaining degrees in both engineering and law pursue engineering studies for the first three years but take two social studies in the College of Letters and Science as electives in their junior year. The senior year is devoted to studies in both engineering and law, after which the degree in engineering is awarded and the student continues his studies in the Law School. Interested students are referred to the bulletin of the Law School and the bulletin of the College of Engineering.

PHYSICAL EDUCATION, MILITARY TRAINING, AND BAND

Women students are required to take work in physical education during their first two years at the University. Men students are required to take physical education during their first year. The only students exempted from this requirement are those who are certified as physically unfit by the Department of Student Health, those with prior active duty in the armed forces, and those who are 21 years of age or over.

All male freshmen and sophomores are required to enroll in Military Science, Naval Science, or Air Science at the time of registration. Exceptions are granted only to those students who are certified as physically unfit by the Department of Student Health, those with prior active duty in the armed forces, those in the Regimental Band, and those who for other reasons are exempted or excluded by the Department of Military Science.

Transfer students with 55 credits accepted by the University or those who earn additional credits after transfer to make a total of 55, may be exempted by the Department of Military Science from military training.

For further details about these requirements, students should consult the ROTC Information Bulletin. For further information about the Regimental Band, students should consult the bulletin of the College of Letters and Science.

GENERAL INFORMATION

SUMMER SESSION

The 8-week Summer Session offers courses in each of the four years of undergraduate work as well as graduate instruction and opportunities for research. The work for teachers and graduate students receives major emphasis, but many undergraduates enroll in the summer session to shorten the period of their college residence. Others make up deficiencies or satisfy course requirements. A special bulletin describing the courses offered, admission requirements, fees, etc., may be obtained by writing to the Director of the Summer Session.

GRADUATE SCHOOL

The Graduate School aims to meet the needs of men and women of college training or equivalent attainment who desire a larger and more thorough acquaintance with scholarship and research than can be obtained in the current undergraduate course. Special emphasisis given to bringing the graduate student into contact with the research problems of hisfield of study. To this end, able students share in the investigations of their instructors and are encouraged to acquire the spirit as well as the methods of productive work. The bulletin of the Graduate School has detailed information concerning admission requirements and requirements for earning advanced degrees.

EXTENSION DIVISION

The University operates extension centers in Milwaukee, Racine, Wausau, Green Bay, Kenosha, Manitowoc, Fond du Lac, Menasha, Marinette, and Sheboygan, and university courses are taught in a number of other cities in Wisconsin. The requirements for admission and regulations governing the conduct of these courses are the same as for courses offered in residence.

BULLETINS

General Information Bulletin (admission requirements, expenses, housing, courses of study)

College of Letters and Science (includes description of courses in Applied Mathematics and Mechanics, Chemistry, Humanities, Journalism, Library Science, Music, and prelegal and premedical work; also the general courses)

School of Pharmacy

School of Education (includes Art Education, Physical Education for Men, and Physical Education for Women)

College of Engineering

College of Agriculture School of Home Economics Integrated Liberal Studies Law School Library School Medical School Occupational and Physical Therapy Scandinavian Area Studies School of Nursing School of Commerce (includes Course in Light Building Industry) Graduate School

On the coupon below, list the bulletins which you desire. For information and bulletins concerning the courses given in the Extension Division, write to: The Recorder, Extension Division, University of Wisconsin, Madison 6, Wisconsin. For information and bulletins concerning the Summer Session, write to: John Guy Fowlkes, Director of the Summer Session, Education Building, University of Wisconsin, Madison 6, Wisconsin.

UNIVERSITY EDITOR,

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Madison 5, Wisconsin

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