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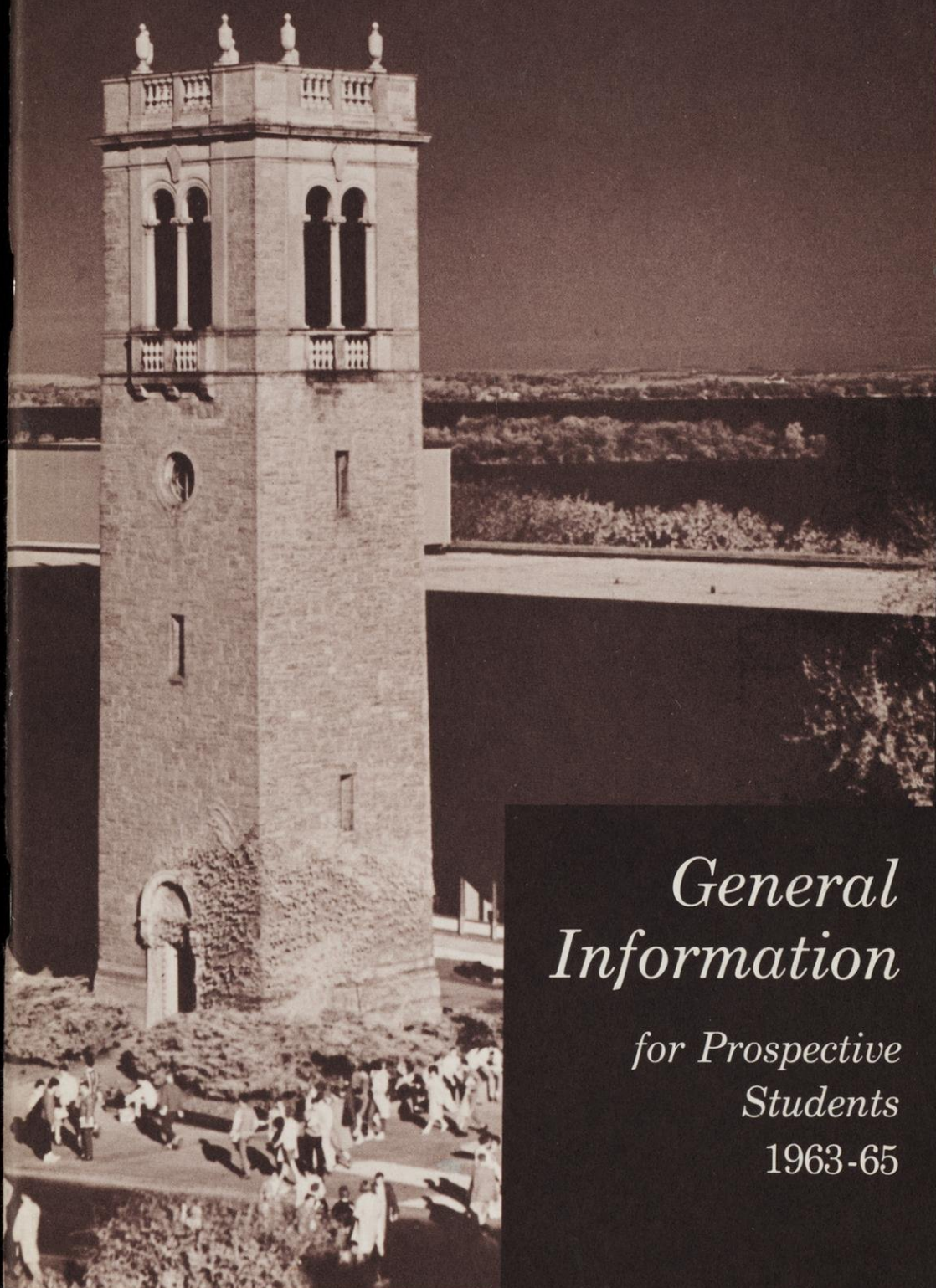
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Bulletin of The University of Wisconsin



*General
Information*

*for Prospective
Students*

1963-65

Bulletin of The University of Wisconsin

Vol. 1963, No. 13

Madison, Wisconsin

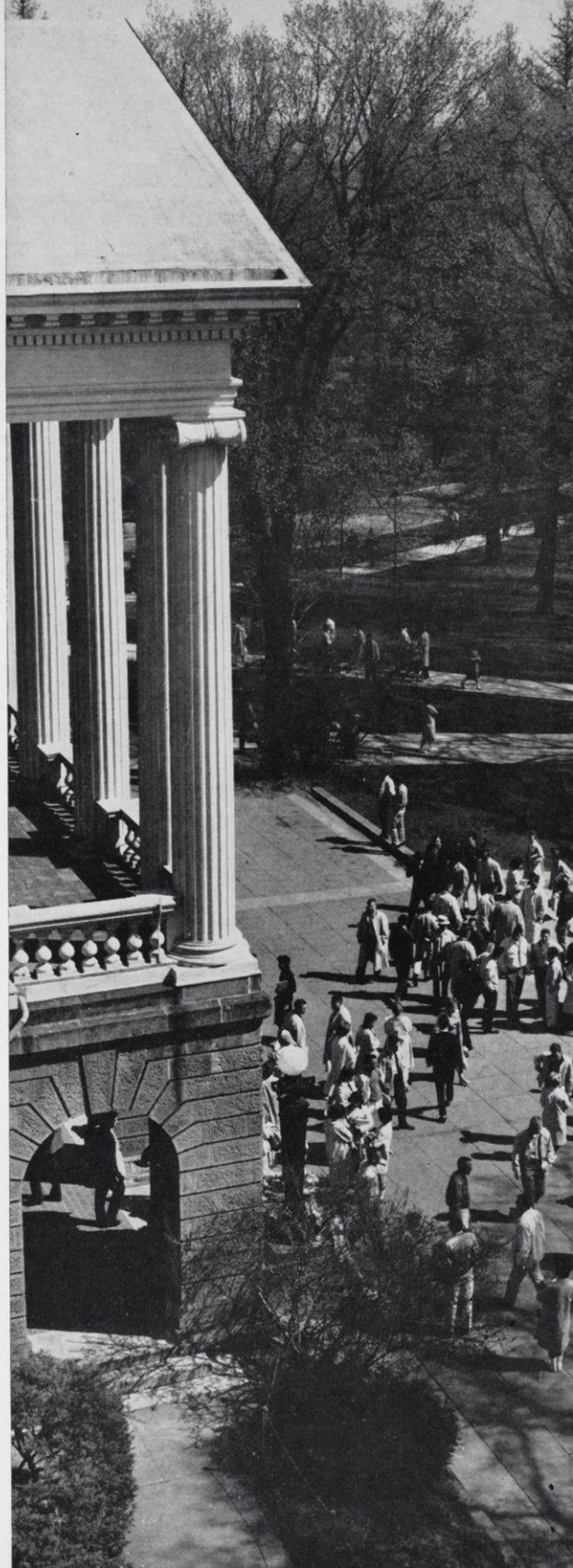
September, 1963

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*General
Information*

*for Prospective
Students*

1963-65



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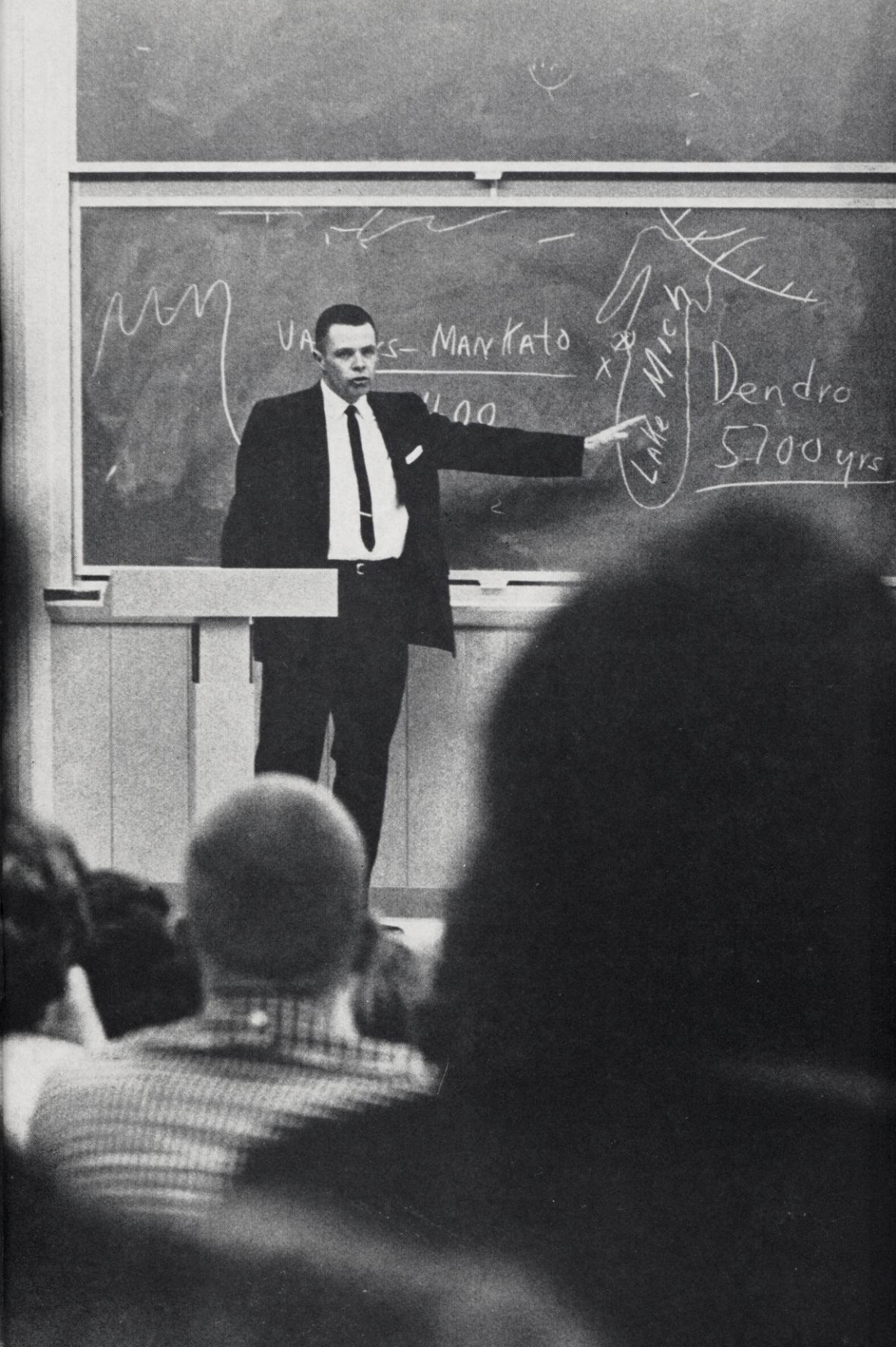
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Cover: *The University's Carillon Tower and new Social Science Building, photographed by Gary Schulz.*





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Your University Education

The University of Wisconsin, now well into its second century as one of the nation's leading state, land-grant institutions, seeks quality and balance in all its functions. Challenges and opportunities, without limit, await you as knowledge expands at an accelerating rate in the 1960's.

A program of study at Wisconsin includes liberal amounts of social studies, sciences, and humanities. It is not merely an isolated experience bounded by four years of campus living, but the basis for an effective life and useful livelihood in your community. At the same time the social and cultural activities on the campus at Madison are rich and varied.

With three basic colleges, five professional schools, and some 90 departments, The University of Wisconsin opens the door to almost every major field of study. If you are undecided upon a career, broad study programs embracing the area of your interests may be applied to a goal selected in your junior year.

In addition, the Graduate School offers advanced work toward master's and doctor's degrees. Summer Sessions offer academic and professional subjects for credit toward all degrees. Two major campuses, at Madison and The University of Wisconsin—Milwaukee, are extended to the boundaries of the state — and beyond — by University Centers, correspondence courses, special classes, institutes, and other activities of the Extension Division.

For all its scope, the University is dedicated to one basic purpose: guiding young people who come to it in search of knowledge.

This is The University of Wisconsin . . . A center of knowledge for almost every field of endeavor . . . A faculty renowned for its dedication to continuous learning . . . A fortress of academic freedom . . . A meeting place for students of every culture—native and foreign . . . A focus for social, recreational, and cultural activities . . . An adventure for the inquiring mind.



The strikingly modern mathematics building, Van Vleck Hall, provides 32 classrooms for mathematics and other departments in the

Here, briefly, is the departmental organization of the colleges and schools, within which are many added specialties.

College of Letters and Science

General Courses

Bachelor of Arts
Bachelor of Science
Integrated Liberal Studies

*Pre-Professional Courses
for entrance to*

Commerce
Pharmacy

Special Courses

Applied Mathematics and
Engineering Physics
Chemistry
Humanities
Journalism
Medical Technology
Music
Naval Science
Physical Therapy



Richard Sroda

central campus area, and a nine-story tower with faculty offices and study areas. It is located between Bascom and Sterling Halls.

L & S Departments of Instruction

Anthropology	History	Physics
Art History	History of Science	Political Science
Astronomy	Indian Studies	Psychology
Botany	Integrated Liberal Studies	Scandinavian Studies
Chemistry	Journalism	Slavic Languages
Chinese	Library Science	Social Work
Classics	Linguistics	Sociology
Comparative Literature	Mathematics	Spanish and Portuguese
Economics	Medical Technology	Speech
English	Meteorology	Statistics
French and Italian	Music	Urban and Regional Planning
Geography	Numerical Analysis	Zoology
Geology	Philosophy	
German		
Hebrew Studies		

College of Agriculture

Agricultural Economics	Dairy and Food Industries	Plant Pathology
Agricultural and Extension Education	Dairy Science	Poultry Science
Agricultural Engineering	Entomology	Rural Sociology
Agricultural Journalism	Forestry	Soils
Agronomy	Genetics	Veterinary Science
Bacteriology	Horticulture	Wildlife Management
Biochemistry	Meat and Animal Science	

School of Home Economics

Foods and Nutrition	Home Management and Family Living	Related Art
Home Economics Education and Extension		Textiles and Clothing

College of Engineering

Chemical Engineering	Electrical Engineering	Minerals and Metals Engineering
Civil Engineering	Engineering Mechanics	
Drawing and Descriptive Geometry	Mechanical Engineering	Nuclear Engineering

School of Commerce

School of Education

Art and Art Education Education	Educational Psychology	Physical Education for Women
	Physical Education for Men	Occupational Therapy

Law School

Medical School

Anatomy	Medicine	Physical Medicine
Anesthesiology	Neurology	Physiological Chemistry
Gynecology and Obstetrics	Oncology	Physiology
History of Medicine	Pathology	Preventive Medicine
Medical Genetics	Pediatrics	Psychiatry
Medical Microbiology	Pharmacology and Toxicology	Radiology
		Surgery

School of Nursing

School of Pharmacy

Department of Air Science

Department of Military Science

Department of Naval Science

Special to Freshmen

Student personnel and administrative officers, faculty, and students at the University are ready to help you. The in-class and out-of-class activities and services which have developed in the student body of more than 20,000 on the Madison campus — more than 30,000 on all campuses — will challenge you and give you choices from a wide range. Choose carefully and do well what you choose to do.

When you enter the University, you will be expected to be able to express yourself clearly, in speech and in writing, and have good reading and study skills, adequate mathematical preparation, and broad preparation for the fields of study the University requires for degrees.

Your fellow students have had substantially better grades and greater leadership responsibilities in high school than high-school students generally. They set a fast scholastic pace and high standards of social conduct; and provide a challenging student community.

Advance Registration

As a freshman entering the University at Madison in September, you will be asked to come to the campus for one day during the summer for the first part of registration. During your visit to the campus you will plan your first semester study list with a faculty registration consultant. You will take tests necessary for placement in the subjects you elect and for future counseling. After you participate in the summer registration program you will be assigned to class sections of the subjects you selected and to a faculty adviser. You will receive your copy of your study list by mail late in August. You may pay your first semester fees and tuition at the time you register during the summer, or you may wait and pay your fees at the time you come to the campus in September.

New freshmen with *Permits to Register* (page 18) may use the services of the Student Counseling Center, 736 University Avenue, Madison 53706. Some will receive notice that this is required. You may write for an appointment, preferably before you come to Madison in the summer for registration.

New Student Program

In September, you will come to the campus for orientation a few days before classes start. The New Student Program will acquaint you with educational, cultural, and recreational opportunities in the University community. You will meet faculty members and upper-classmen and learn more about the campus. You also will attend assemblies about educational opportunities in the courses you have elected, go to social events, and take any additional tests necessary. You will be welcomed by the University's president and other officials and student leaders at the president's convocation. When you arrive on the campus you will receive the *Student Handbook*—a guide to University services and student activities.

Classes and Exams

Undergraduates usually register for 15 or 16 credits a semester; for some degree programs, as engineering, typical credit loads are higher. A credit is a unit for measuring progress toward graduation, representing one class period a week for one semester or its equivalent. Thus, a 3-credit class usually meets for three 50-minute sessions each week.

You will be required to be present at the beginning and end of each semester and attend all classes. In case of absence, you will be expected to satisfy the instructor that the absence was for good reason. In every course, you will take a final written examination lasting two hours and will have two or three one-hour examinations during the semester.

Grades at the semester's end will be in the *A—B—C—D—F* system with each letter grade carrying points per credit, as follows:

<i>Grade</i>	<i>Points Per Credit</i>
A (Excellent)	4
B (Good)	3
C (Fair)	2
D (Poor)	1
F (Failure)	0

Thus, if your grade in a 3-credit course is *A*, you earn 12 grade points.

The quality of your work will be expressed in terms of a grade-point average, which is the total number of grade points earned, divided by the total number of credits carried, regardless of whether the course was passed. The highest possible average is 4.0 or *A* in every subject; and the lowest, zero.

Physical Education

Women

All freshman women are required to take a one semester course in physical education, without credit, during their first year at the University. Sophomores and upperclassmen who have not yet completed the requirement also are required to take physical education.

Exemptions are: (1) women who are certified as physically unfit by the Department of Student Health; (2) women who have served three months or more in the armed forces and present evidence of such service; (3) women who at the time of initial registration have passed their 21st birthday; (4) women transfer students with 24 credits; (5) other exemptions by the dean on the recommendation of the chairman of Required Physical Education.

Men

Freshman men must register for and take two hours of physical education a week for one semester without credit during their first semester at the University unless they are exempt or postponed.

Exemptions are: (1) students who are certified as physically unfit by the Department of Student Health; (2) students who have served three months or more in the armed forces; (3) students who have passed their 21st birthday; and (4) transfer students with 24 or more credits. Students who are exempt must report with appropriate papers for exemption at registration time or they will receive an *F* for failure to register. Postponements because of schedule conflicts must be approved by the Coordinator of Basic Instruction.

Reserve Officer Training

The University of Wisconsin offers courses leading to officer commissions in the Air Force, Army, Marine Corps, and Navy; and encourages its students to consider them.

All male freshmen who are not in the Naval ROTC program are required to take the five-hour ROTC Orientation course at the beginning of their first semester in residence. After this, they are free to choose whether to continue in either the Air Force or Army basic programs.

Students who continue in the Air or Army ROTC programs will receive degree credit. Credits earned count whether or not the sequence is completed and may be used to satisfy other University academic requirements, including those in U.S. History and Institutions. Deferments from selective service may be given to basic course cadets and are given to all advanced course cadets. Details are available from the departments of Air Science, Naval Science, and Military Science.

How Much It Will Cost

Typical costs range from \$1,250 to \$1,725 for the 38 weeks of the school year for Wisconsin residents, not counting trips home. Costs are higher for nonresidents. A reasonable 1963-64 budget included:

Room and board in good accommodations — \$800 to \$1,000.

Books and supplies — \$80 to \$90.

Clothing — \$75 to \$200.

Activities and recreation — \$75 to \$200.

Fees (effective July 1, 1963) — \$300 for Wisconsin residents, \$1,000 for nonresidents.

Room and board is the biggest single expense. It is possible to have these accommodations for less than \$500 a year; however, students new to the campus, particularly women, should plan to spend at least \$800 to \$950. Women spend more for board and room and clothing than men, but men spend more for recreation and entertainment. For financial aids, see pages 25-27.

Most of the difference in the amounts spent by resident and nonresident students is attributable to the tuition charge and the larger amounts spent by nonresident students for board and room, travel to and from home, clothing, personal items, and gifts.

Free or low-cost cultural and recreational activities at the University will enable you to cut costs.

Working Your Way

From "meal jobs" to skilled trades, the Student Employment Bureau at 435 North Park Street maintains a list of temporary and permanent part-time jobs in Madison. Opportunities include jobs of every type: stenographers, baby sitters, clerks, typists, models for art classes, waiters and waitresses, dishwashers, cooks, janitors, bell boys, clothes pressers, musicians, repair men, window washers, house cleaners, tutors, tradesmen, and technical workers. The University itself employs 2,000 students each month.

Students in part-time jobs work 6 to 25 hours a week, with the average working 10 to 15 (those who work more than 15 hours usually find it necessary to take a reduced academic load). The pay ranges from \$1.00 to \$1.25 an hour, except for babysitters, who earn 85 cents an hour plus transportation.

Automobiles

The University urges students not to bring cars to Madison, except for special occasions. Students may not drive their cars in

most areas of the campus during class hours and there is little parking space on campus or on nearby streets. Rental parking is very limited and expensive. Physically disabled students, those whose work demands special transportation, or those commuting from areas not serviced by public carrier need what facilities the University and city can presently provide. All others will find that maintaining an automobile at school is a source of worry and expense.

Where You Will Study

Classes are held in almost every building on the campus. The map in the center of this bulletin will help you locate the buildings; a larger map is available at central locations on the campus.

You will study in your room or in the dormitory study halls. You may also spend much time in the Memorial Library, which provides reading rooms, study halls, and typing rooms. The Historical Library and the libraries of the separate schools and colleges provide convenient sites for study.

In pleasant weather, you may choose to read under one of the campus trees, with the chimes from Carillon Tower sounding in the distance. You probably also will do some of your studying — interspersed with long discussions — on the lake edge, the Terrace, or in the Rathskeller; but more about the Memorial Union later.

Counseling and Health Services

You will be assigned a faculty adviser to interpret course requirements and help you plan a well-balanced program.

Additional counseling services are available at the Student Counseling Center, 736 University Avenue. The service is designed to help students resolve problems associated with attending the University. It can help in planning course work, judging chances for college success, locating deficiencies in educational background, solving special problems, understanding University life, developing educational and vocational objectives, developing reading skills, developing methods of learning, and advising for selective service.

There is a special advisory service located in Bascom Hall for foreign students.

Students with defective speech are invited to use the facilities of the Speech Clinic.

Enrollment also automatically entitles you to the services of the Department of Student Health, most of which are free.

Medical care is provided by the staff and consultants of the Medical School; a physician is available for emergencies. Medical management of certain chronic diseases may be continued when neces-

sary to permit students to pursue their studies.

Student out-patients pay for their prescriptions; and students in the hospital pay the fees of consultants for specialized treatment, surgeons, anesthetists, and similar additional services. No provision is made for dental care or eye refractions.

Undergraduates or graduates will receive periodic chest X-rays and vaccinations, as necessary throughout the year — all part of a continuous effort to keep the University a healthy place to live.

Summer Sessions

Summer Sessions at the University enables you to shorten your period of residence, make up deficiencies, or satisfy course requirements. Undergraduates, graduate students, teachers, and professional persons desiring special work comprise the enrollment. Many come for a variety of institutes, conferences, and short courses scheduled each summer. The University especially encourages new freshmen of above-average promise of success to begin University study in the Summer Sessions. A bulletin is available from Director of Summer Sessions, Extension Building, The University of Wisconsin, Madison 53706.

The University of Wisconsin—Milwaukee

For details of courses at The University of Wisconsin—Milwaukee, many of which parallel those offered at Madison, write for bulletins from that institution at 3203 North Downer Avenue, Milwaukee 53211.

Most credits earned at The University of Wisconsin—Milwaukee (except, as a rule, the last 30 credits toward a bachelor's degree) can be transferred, without loss, to the Madison campus for both undergraduate and graduate work.

University Extension Division

Through The University of Wisconsin Extension Division, University work may be carried on outside Madison and Milwaukee. The eight University Centers, where freshman and sophomore instruction is offered, are Fox Valley, Green Bay, Kenosha, Manitowoc, Marathon County, Marinette, Racine, and Sheboygan. University work also is available throughout the state through special classes and by correspondence study. Requirements for admission and regulations governing the Extension credit courses are the same as for courses offered in residence. For full information, write the Dean of the Extension Division, Extension Building, Madison 53706.

Admission Requirements

The following revised admissions policies have been approved by the Regents and faculty of the University. The following rules apply to all new freshmen (see page 13 for additional requirements for non-resident students and page 15 for separate requirements for transfer students).

Requirements for February and June, 1964

As a graduate of an accredited high school, recommended by your principal, you may be admitted to the University upon presenting 16 units of study, each representing a full year's study or its equivalent. These units must be distributed as follows:

	Units
English (or English and speech)	3
Two or more of the following:	6
Mathematics	2 or 3
A foreign language	2 or 3
History and social studies	2 or 3
Natural science	2 or 3
Electives	7
	<hr/>
	16

Requirements for September, 1964—June, 1965

As a graduate of an accredited high school, recommended by your principal, you may be admitted to the University upon presenting 16 units of study, each representing a full year's study or its equivalent. These units must be distributed as follows:

	Units
English (or English and speech)	3
Two or more of the following:	6
Mathematics	2 or 3
A foreign language	2 or 3
History and social studies	2 or 3
Natural science	2 or 3
Electives	7
	16

Requirements for September, 1965

As a graduate of an accredited high school, your high-school work must include 16 units distributed as follows:

	Units
English	3
Mathematics (algebra and geometry)	2
Two of the following:	4
Foreign language	2
History and social studies	2
Natural science	2
Electives: 3 of these units must be in English, speech, mathematics*, foreign language, history, social studies, and natural science	7
	16

* Mathematics courses in the algebra, geometry, trigonometry, analytic geometry, and calculus series.

The following information applies to all three admissions plans described above:

Scores on the ACT of the American College Testing Program or the SAT of College Entrance Examination Board are required for admission. Scores must be submitted on an official form directly from the testing service. To have your scores submitted, write to: for ACT, American College Testing Program, Box 168, Iowa City, Iowa; for SAT, Educational Testing Service, Box 592, Princeton, New Jersey.

Applicants unable to qualify as new freshmen may qualify later as transfer students (page 15) by earning a minimum of 15 credits at an accredited college with grades averaging at least *C*.

The following information applies to the last two admission plans described above (September, 1964—June, 1965 and September, 1965):

In addition to the high-school units requirements, additional evidence must be submitted to indicate that you are prepared to do satisfactory work in the University (grade distribution and class rank will be considered). *Ordinarily*, a Wisconsin student who meets the current academic units requirement and ranks in the upper half of his class will be admitted without consideration of supplemental tests or examinations.

If your high-school record and rank indicate that you are likely to encounter difficulty in University Studies, scores on admissions tests as specified by the Admissions Committee (at present, ACT or SAT) will be used to determine eligibility for admission. As at present, all students will take these specified tests which will continue to be used for advising and other purposes.

If your high-school record and admission test scores indicate that you probably will encounter difficulty at the University, you may qualify for admission by passing achievement tests specified by the Office of Admissions, usually three tests including English, mathematics, and one other subject.

Out-of-State Students

As an out-of-state student, you must meet one of the three patterns of general requirements for admission as new freshmen; and may be admitted if, on the basis of test scores and high-school records, you rank at least in the upper two-fifths among high-school graduates.

Admission to the School of Education

As a freshman admitted from the lower third of your high-school class, you will not be admitted to the School of Education until you have demonstrated your proficiency as a University student.

Mathematical Preparation

Four levels of pre-university mathematical competence are specified by the University: (1) minimum, (2) intermediate, (3) advanced, and (4) superior.

Many studies in the University require minimum mathematical preparation, that is, one unit of algebra and one unit of geometry. Prospective students in the physical sciences should attempt to achieve advanced mathematical preparation before coming to the University, so that they may enroll in calculus at the start of their freshman year.

Advanced mathematical preparation is required of all students entering the College of Engineering; intermediate preparation is required for enrollment in Agricultural Engineering in the College of Agriculture. Students with at least minimum mathematical preparation may be admitted with deficiencies which may be removed by electing noncredit study in mathematics.

If you lack minimum mathematical preparation, you may enroll in the following curricula and majors:

American Institutions	Home Economics
Art	Ibero-American Studies
Art Education	Indian Studies
Art History	Journalism
Asian Studies	Men's Physical Education
Classics	Music
Comparative Literature	Philosophy
English	Political Science
Foreign Languages	Recreation
Geography	Speech
History	

If you do not have minimum mathematical preparation, you *may not* enroll in any of the following subjects, curricula, and majors:

Agriculture	Mathematics
Anthropology	Medical Science
Applied Mathematics and Engineering Physics	Medical Technology
Astronomy	Molecular Biology
Bacteriology	Nursing
Biological Aspects of Conservation	Occupational Therapy
Botany	Pharmacy
Chemistry	Physical Therapy
Commerce	Physics
Economics	Psychology
Elementary Education	Social Work
Engineering	Sociology
Geology	Urban Affairs
Humanities	Women's Physical Education (including Dance)
International Relations	Zoology

Foreign Language Preparation

Your election in some courses may be limited unless you have a sufficient background in foreign languages. Many curricula require some foreign language preparation.

Foreign language requirements may be absolved by passing attainment examinations.

Placement

On the basis of tests and your high-school record, you will be placed in classes in which you wish to continue study. Placement assignment may mean opportunity for acceleration or advancement. If you have deficiencies, you may be required to elect noncredit study to qualify for a course you wish to elect or are required to take.

Advanced Placement

The University is cooperating in the College Entrance Examination Board's Advanced Placement Program. Advanced placement and college credit are considered for students who, through this plan, have taken appropriate tests and earned satisfactory scores.

Early Admission

Some students who are outstanding scholastically may be admitted as freshmen before they finish their normal high school course.

Selection for early admission is on the basis of scholarly promise and other factors which indicate benefit by this acceleration—social and physical maturity; educational plans; rank in the top one-tenth of high-school class; scores on the American College Test or College Entrance Examination Board; and in general, the appropriateness of this plan for you. Major consideration is given to the recommendations of your high school; you should be completing at least the 10th grade and preferably the 11th. In general, early admission is granted to those candidates who qualify and who in the judgment of their high school have exhausted available course offerings.

For information about the procedure of application, write to the Office of Admissions, 166 Bascom Hall, Madison 53706.

Transfer Students

If you are entering the University for the first time as a transfer student from another college or university, you must submit complete records of high-school and college work and evidence of honorable dismissal from the schools you attended. Wisconsin residents

must have maintained a *C* average in an *A—B—C—D—F* grading system particularly during the semester before transfer; nonresidents must have maintained a half *B* and half *C* average on all credits carried.

If you are transferring from one campus of the University to another, you may consult at either campus to learn of eligibility requirements for transfer and obtain an application form.

To earn a degree from the University, the senior year must be completed in residence.

If you have completed college work elsewhere, you cannot be admitted as a new freshman.

Re-Entering Students

If you were previously enrolled at the University, but not registered during the immediate preceding semester, you must file a re-entry application form. If you were not in good standing after the last registration, you may be referred to the appropriate dean for re-admission.

Making Application

Who Must Apply

All students not enrolled during the semester immediately before the term they plan to enter must file application and receive a *Permit to Register*. Students admitted to the University for the first time in summer as degree candidates and who continue in September do not need to file a new application for September. They are considered continuing students for the fall semester.

When to Apply

An application must be filed at least six weeks before registration.

High-school students should apply as early as possible during their last semester in high school. You may enter in the first or second semester or in the Summer Sessions.

Applications will be received after the following dates:

- For the fall semester February 15
(Deadline — August 1)
- For the spring semester October 1
(Deadline — January 1)
- For Summer Sessions February 15

How to Apply

First: Obtain an application form from the appropriate office:

Undergraduate, law, and medical students: Office of Admissions, 166 Bascom Hall, Madison 53706.

Graduate, Library School: Dean, Graduate School, 150 Bascom Hall.

Re-entries: Office of Admissions, 166 Bascom Hall.

Specials: Office of Admissions, 166 Bascom Hall.

Transfers from The University of Wisconsin—Milwaukee: Office of Admissions, 166 Bascom Hall; or Office of Admission and Records, The University of Wisconsin—Milwaukee, 3203 North Downer Avenue, Milwaukee 53211.

Transfers from centers: Office of Admissions, 166 Bascom Hall or student adviser at the center.

Students in Wisconsin high schools may obtain forms from their high-school principal's office.

Second: Fill in the forms completely.

Third: Submit certified transcripts of all work taken in secondary schools and colleges whether completed or not. (Secondary school record is not necessary with applications to Law or Graduate Schools.) If you are applying as a new freshman, score reports on required admissions tests must be included (page 12).

Fourth: Mail the application form and supporting records according to directions printed on the application form.

Out-of-state applicants to undergraduate programs, Law, or Medicine are required to pay a \$10 application fee. This should be included with the application as a check or money order payable to The University of Wisconsin. This application fee is nonrefundable and is not applicable toward general fees and tuition.

Admission requirements for Summer Sessions are the same as for regular semesters if you wish to earn a degree at The University of Wisconsin. If you are planning to attend the Summer Sessions not as a Wisconsin degree candidate, you should write to the Summer Sessions Office, University Extension Building, Madison 53706.

Fifth: If you have not done so previously, make arrangements for housing early. Housing is independent of the admission application.

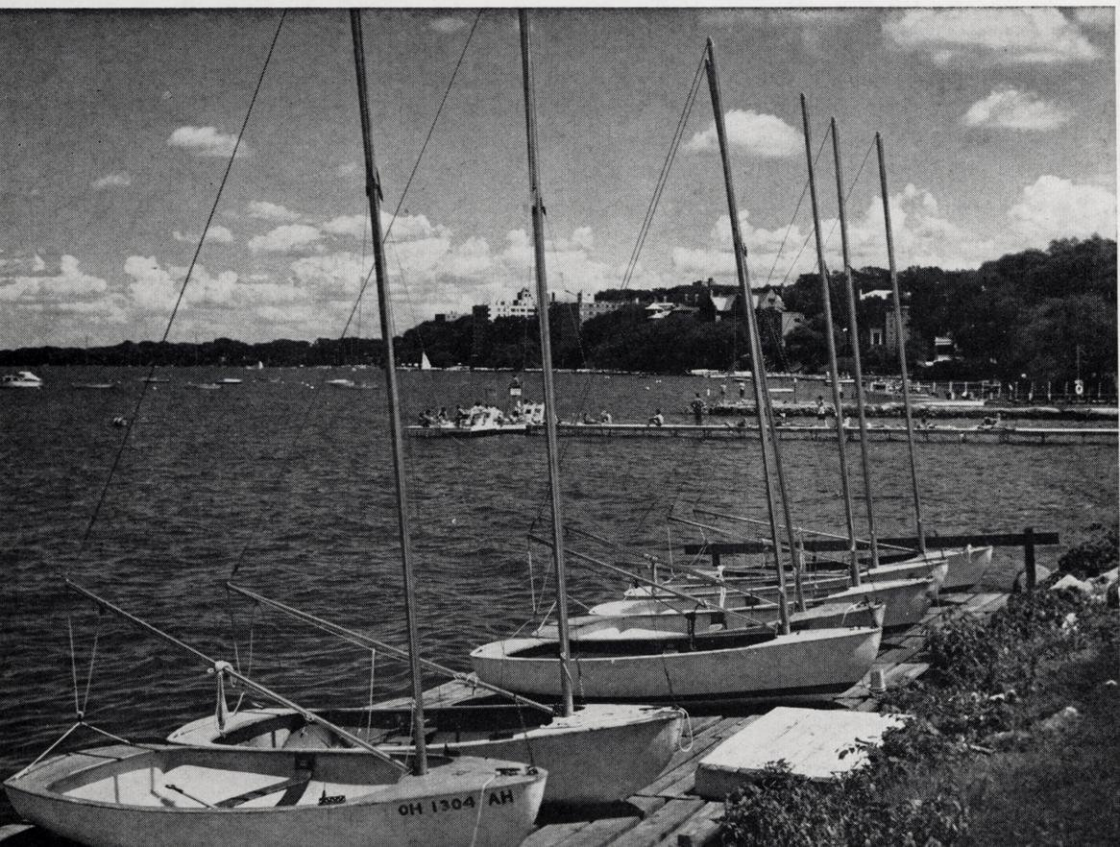
Permit to Register

When your application for admission is complete, you will be notified regarding your eligibility to enter the University. If you qualify for admission, you will receive a *Permit to Register* and instructions regarding registration. If your permit is issued on the basis of seven semesters of high-school work, it is assumed that you will keep your permit valid by maintaining a satisfactory record.

Physical Examinations

A physical examination is required for each student who enters The University of Wisconsin for the first time. A medical form enclosed with the *Permit to Register* is to be completed by a physician and returned to the Department of Student Health before classes begin.

The Wisconsin campus stretches along Lake Mendota, where students sail, canoe, swim, and get a suntan in the summer.



Fees, Financial Aids

The resident and nonresident semester fees include, among other items, membership in the Memorial Union, Student Clinic and Infirmary hospitalization privileges, and a laboratory-library charge.

The University reserves the right to alter any fees without notice. Legal residents of Wisconsin, with certain exceptions, are charged only a semester fee. Nonresidents are charged a combination of fee and tuition (Residency, page 20).

Semester fees and tuition totals, effective July 1, 1963, are:

	<i>Residents</i>	<i>Nonresidents</i>
All colleges and schools except law and medicine	\$150.00	\$500.00
Law School	165.00	515.00
Medical School: 1st, 2nd, and 3rd years	285.00	646.00
4th year	210.00	565.00

A \$10 application fee is required from out-of-state students as part of the application for first admission to the University as an undergraduate, law, or medical student.

If you are not registered in the Law School, but elect 8 or more credits a semester of Law School subjects, you will be assessed the Law School fee.

If you do not complete registration (except for payment of fees) before classes begin, you will be assessed an added \$10 fee for late registration. If you pay fees after the first week of instruction, you will be assessed a late payment fee according to this schedule:

During 2nd week of classes —	\$ 5.00
During 3rd week of classes —	10.00
During 4th week of classes —	15.00
During 5th week of classes —	20.00
After the 5th week —	25.00

Refunds for students who withdraw from the University during the first eight weeks of classes are: first week, 100 per cent; second

week, 80 per cent; third and fourth weeks, 60 per cent; fifth and sixth weeks, 40 per cent; and seventh and eighth weeks, 20 per cent.

Exceptions and remissions are:

1. With the consent of the dean or director, students (except Medical School students) may enroll on a per-credit basis as follows:

		<i>Residents</i>	<i>Nonresidents</i>
Law School	Per credit	\$18.00	\$62.00
Graduate School	Per credit	21.50	80.00
Other schools and colleges	Per credit	16.00	60.00

To be eligible to pay fees on a per-credit basis, an undergraduate may carry no more than 7 credits and a graduate no more than 5 credits.

As a per-credit fee student, you also must pay the Infirmary fee of \$12 a semester. Memorial Union privileges are not included in the per-credit rates, but you may obtain union privileges by paying an additional \$9 a semester.

All students who register for applied music courses will be assessed the full semester fee regardless of the number of credits carried.

2. Exceptions to and remissions of the semester fees are applicable in varying degrees to graduate students who are: (a) members of the teaching and research staff, (b) honorary fellows and scholars, (c) technical staff members of the Forest Products Laboratory, the State Geological and Natural History Survey, and the state government; and officers of the U.S. armed forces detailed as students by proper authority.

If you are in one of these categories, you should apply to the registrar for a determination of fees. Graduate students also should consult the *Graduate School Bulletin*.

3. Exemption from the nonresident tuition is governed by Section 36.16 of the Wisconsin Statutes, which is printed on the application for admission. Since the regulations governing residency for tuition purposes differ in many respects from residency for other purposes, students whose cases may be questionable are advised to consult the statute and write to the registrar for advice as to their status. A limited number of students who are not exempt from nonresident tuition under Wisconsin Statutes may be granted remission on the basis of legal inequity. Consult the registrar.

Residency

The following is an excerpt from Section 36.16, Wisconsin Statutes of 1963, dealing with exemption from nonresident tuition at The University of Wisconsin:

Section 36.16 Nonresident tuition at the university. (1) (a) Any adult student who has been a bona fide resident of the state for one year next pre-

ceding the beginning of any semester for which such student registers at 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 registers at the university, or any minor student whose natural parents are divorced or legally separated who has resided substantially in this state during his years of minority and at least one year next preceding the beginning of any semester for which such student registers at the university or whose mother or father has been a bona fide resident for one year next preceding the beginning of any semester for which such student registers at the university, or any minor student who is an orphan and who has resided substantially in this state during his years of minority and at least one year next preceding the beginning of any semester for which such student registers at the university or whose legal guardian has been a bona fide resident for one year next preceding the beginning of any semester for which such student registers at the university, or any minor student under guardianship in this state pursuant to ch. 48 or 319 who has resided substantially in this state during his years of minority and at least one year next preceding the beginning of any semester for which such student registers at the university or whose legal guardian is a person who has been a bona fide resident of the state for one year next preceding the beginning of any semester for which such student registers at the university, shall while he continues a resident of the state be entitled to exemption from nonresident tuition, but not from incidental or other fees and tuition in the university.

(ab) Nonresident members of the armed forces who are stationed in this state and their wives and children shall be entitled to the exemptions provided in par. (a) during the period that such member of the armed forces is stationed in this state.

(ac) Any female student who attended the university as a minor student exempt from the fees for nonresident tuition, and, who would continue to be entitled to the exemptions provided in par. (a) except for having married a nonresident, shall continue to be entitled to such exemptions.

(ae) Any female who marries a bona fide resident shall be entitled to the exemptions provided in par. (a) effective the semester following her marriage and while continuing to reside in this state.

(b) Any student who has not been a resident of the state for one year next preceding the beginning of any semester for which such student registers at the university, except as above provided, shall not be exempt from the payment of the nonresident tuition fees.

(3) In determining bona fide residence, filing of state income tax returns in Wisconsin, eligibility for voting in the state of Wisconsin, motor vehicle registration in Wisconsin, and employment in Wisconsin shall be considered. Notwithstanding the provisions of par. (1) (a), a student from another state who is in this state principally to obtain an education will not be considered to have established a residence in Wisconsin by virtue of attendance at educational institutions.

Note 1. For 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 on 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.

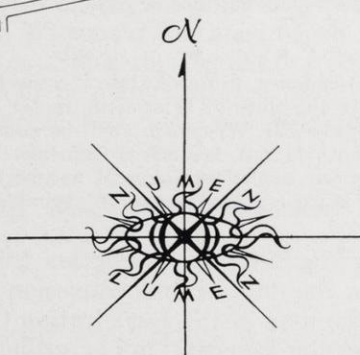
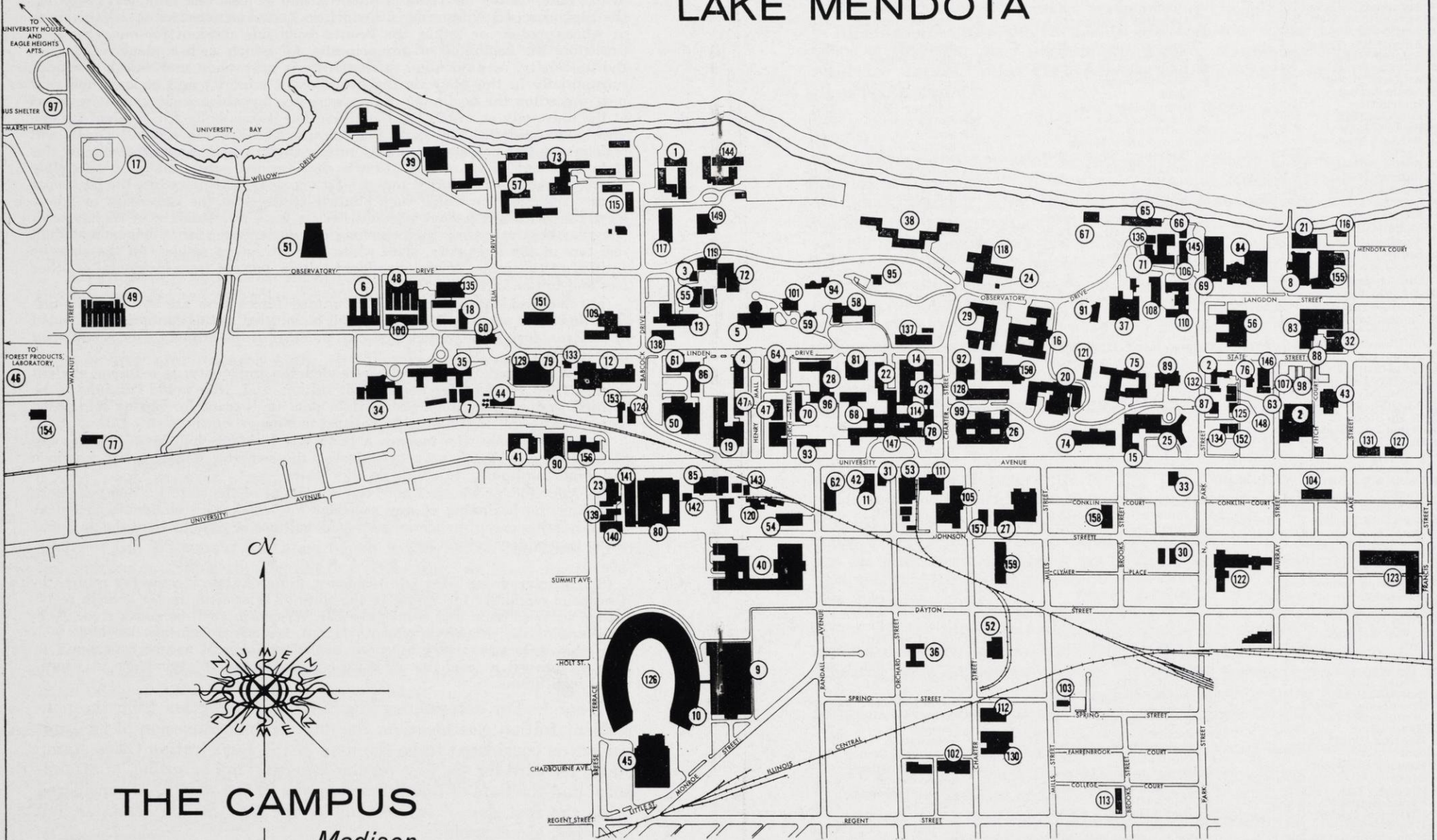
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LAKE MENDOTA



THE CAMPUS

Madison

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References for the Campus Map

No.	Name	Reference	No.	Name	Reference	No.	Name	Reference
1	Adams Hall	D-6	59	Home Management House	E-7	111	Service Building	G-8
2	Administration	F-11	60	Horse Barn	E-5	112	Services Building (New): Photo Lab and Duplicating	I-9
3	Agr. Bulletin	E-6	61	Horticulture	F-6	113	Service Garage	J-10
4	Agr. Engineering	F-7	62	Hospital Records	G-7	114	Service Memorial Institutes	F-8
5	Agricultural Hall	E-7	63	Housing Bureau and Personnel	F-11	115	Short Course Dorms	E-6
6	Agronomy Seed	E-4	64	Hygiene Lab	F-7	116	Sigma Chi (now UW property)	D-12
7	Animal Res. Labs	F-4	65	Hydraulics Lab	D-10	117	Slichter Hall	D-6
8	Armory (Gym)	E-11	66	Hydrobiology: Q-14	D-10	118	Social Science	E-9
9	Athletic Practice	I-7	67	Hydrobiology (now, Limnology Lab)	D-10	119	Soils	E-6
10	Athletic Ticket	I-6	68	Infirmary	F-8	120	Solar Energy Research Lab	G-7
11	Audio-Visual Instruction	G-8	69	Information Booth (Union)	E-11	121	South Hall	F-10
12	Babcock Hall	F-6	70	Intern-Resident Dorm	F-7	122	S.E. Dorms: A	H-11
13	Bacteriology	E-6	71	Journalism	E-10	123	S.E. Dorms: B	H-12
14	Bardeen Med. Labs	F-8	72	King Hall	E-7	124	Speech and Hearing Rehab. Cntr.	F-6
15	Barnard Hall	F-10	73	Kronshage Hall	D-5	125	Squire House	F-11
16	Bascom Hall	E-9	74	Lathrop Hall	G-9	126	Stadium	I-6
17	Baseball Field	D-2	75	Law School	F-10	127	Statistics	G-12
18	Beef Barn	E-4	76	Library School	F-11	128	Sterling Hall	F-9
19	Biochemistry	F-7	77	Malt and Barley Research Lab	F-1	129	Stock Pavilion	F-5
20	Birge Hall	F-9	78	McArdle Memorial Lab	F-8	130	Stores	J-9
21	Boathouse	D-11	79	Meat & Animal Science: Stock Pavilion	F-5	131	Student Counseling Center	G-12
22	Bradley Hospital	F-8	80	Mechanical Engr.	G-6	132	Student Employment	F-11
23	Breeze Terrace Dining Units	G-6	81	Medical Library	F-8	133	Studio: Artist-in-Residence	F-5
24	Carillon Tower	E-9	82	Medical Sciences	F-8	134	Superior Students Lab	F-11
25	Chadbourne Hall	F-10	83	Memorial Library	E-11	135	Swine Barn	E-4
26	Chemistry	F-9	84	Memorial Union	E-11	136	T-7: Sanitary Lab Annex	D-10
27	Chemistry Res.	G-9	85	Minerals & Metals Engineering	G-6	137	T-12-13: Classrooms	E-8
28	Children's Hosp.	F-7	86	Moore Hall	F-6	138	T-16: Classroom	E-6
29	Commerce	E-9	87	Music Annex #1	F-11	139	T-21-22: Food Svc.	G-6
30	Cooperative Dorms: Zoe Bayliss and Susan Davis	H-10	88	Music Annex #2	F-11	140	T-23: Surveying and Mapping	G-6
31	Co-op Store	G-8	89	Music Hall	F-10	141	T-24: Engr. Annex	G-6
32	Co-op Store	E-12	90	Naval ROTC Armory	G-5	142	T-25: Internal Combustion Lab	G-6
33	Crime Lab, State	G-10	91	North Hall	E-10	143	T-27: Truck Lab	G-7
34	Dairy Barn	F-4	92	Nuclear Research	F-9	144	Tripp Hall	D-7
35	Dairy Cattle Research Center	F-4	93	Nursing School	G-7	145	TV, WHA	E-10
36	David Schreiner House	I-8	94	Observatory	E-7	146	University Club	F-11
37	Education	E-10	95	Observatory Office Building: News & Publications Services, Social Work	E-8	147	University Hosps.	F-8
38	Elizabeth Waters Dorm	D-8	96	Parking: Lot 20	F-7	148	University Press	F-11
39	Elm Drive Dorms	D-4	97	Parking: Lot 60	C-1	149	Van Hise Hall	D-6
40	Engineering	H-7	98	Parking: Lot 88	F-11	150	Van Vleck Hall	F-9
41	Enzyme Institute	G-5	99	Pharmacy	F-9	151	Veterinary Sci.	E-5
42	Extension Annex	G-8	100	Poultry Research	E-4	152	White House	F-11
43	Extension	F-12	101	Pre-School Lab	E-7	153	Wildlife Management	F-6
44	Farms Manager	F-5	102	Primate Lab	J-8	154	Wisconsin Alumni Research Foundation	F-1
45	Field House	J-6	103	Protection and Security	I-9	155	Wisconsin Center	E-12
46	Forest Products Lab	F-1	104	Psycho-Educational Clinic	G-11	156	Wisconsin Diagnostic Center	G-5
47	Genetics	F-7	105	Psychology: New	G-8	157	Wis. Improvement Program	G-9
47A	Genetics (now, Dairy Science)	F-7	106	Psychology: Old	E-10	158	YMCA: University Branch	G-10
48	Genetics Res.	E-4	107	Purchasing	F-11	159	Zoology Res.	H-9
49	Greenhouse: New	E-2	108	Radio Hall	E-10			
50	Greenhouse: Old	F-6	109	Russell Labs	E-6			
51	Gymnasium	D-3	110	Science Hall	E-10			
52	Heating Plant: New	I-9						
53	Heating Station: Old	G-8						
54	Highway Lab	G-7						
55	Hiram Smith	E-6						
56	Historical Society	G-7						
57	Holt Dorms	D-5						
58	Home Economics	E-8						

Note 2. The determination of residence classification for tuition purposes is made by the Residence Examiners in the Office of Registrar, B-3, Bascom Hall. Appeals of students from nonresident classifications are to be made to the Registrar, 167 Bascom Hall. Students with questions about residence status should consult directly, either in person or by correspondence, with the Residence Examiners in the Office of Registrar. Any informal opinions or statements concerning residence status by other University personnel are not to be considered as being official.

Loans

Realizing the potential importance of student loan funds, the University wants to help students fully and effectively use funds available to them. The student's primary responsibility is to plan his financial program for an entire school year. Intelligent planning can eliminate a financial crisis before it develops. Loan money cannot be made available to a borrower in a matter of minutes. In some cases, a month is necessary for proper processing. For this reason, financial planning cannot be overstressed. Students are encouraged to discuss financial problems with the director of Loans and Undergraduate Scholarships, 114 Bascom Hall, before applying.

University Student Loan Funds

These loans are made from funds established by gifts to The University of Wisconsin.

Eligibility. A full-time undergraduate, graduate, or professional school student who has completed one full semester and has earned a 2.0 or *C* average in the last completed semester may apply. The borrower must be currently enrolled at the Madison or Milwaukee campus or a center. New or prospective students may apply if they are receiving or will receive government benefits, scholarships, or have a University appointment.

Amount, Terms, and Purposes of Loan. A student may borrow up to \$1,500 from University sources for educational and related expenses, such as tuition, books, and board and room. A repayment schedule must be agreed upon at the time of negotiations. Interest varies from 0 to 6 per cent. Loans over \$500 require committee action. A co-signer is required for students under 21.

National Defense Student Loan Program

These loans are made from funds established by Title II, National Defense Education Act of 1958.

Eligibility. A full-time undergraduate, graduate, or professional school student currently enrolled at the Madison or Milwaukee cam-

pus or a center. New or prospective students are eligible to apply without the completion of a semester; however, high-school graduates making application must be in the upper 25 per cent of their graduating class. Continuing students must have a 2.0 or *C* over-all average and a *C* average in their last completed semester. An applicant must be a citizen of the United States or a U.S. national. Certain "special consideration" groups have a preference.

Amount, Terms, and Purposes of Loan. A student may borrow a maximum of \$1,000 per fiscal year with the cumulative total not to exceed \$5,000. No interest is charged while the borrower is enrolled as a full-time student at a college or university. Interest charges are 3 per cent. Repayment begins one year after the student's last degree or when he ceases to be a full-time student. Time spent in military service up to three years is not counted. This loan is to be used for educational expenses, such as room, board, tuition, and books. Filing deadline is August 1.

State Loan Fund

These loans are from funds established by the State of Wisconsin.

Eligibility. The borrower must be a Wisconsin resident attending a state college, university, or center. This loan requires four to six weeks to process. The borrower must carry at least a $\frac{3}{4}$ time load.

Amount, Terms, and Purposes of Loan. A student may borrow a maximum of \$750 per academic year and an additional \$250 per Summer Sessions, with the cumulative total not to exceed \$5,000. One per cent interest is charged during a student's period of attendance at the institution, and five per cent interest charges begin after a student ceases to be a student. This loan is to be used for educational and related expenses. An application can be filed at any time.

Others

Veterans loans are available to students in their final year of school who are Wisconsin residents and who served 90 days or more during a war period. Information about student loans from private foundations also is available. For further information, write to Office of Loans and Undergraduate Scholarships, 114 Bascom Hall, Madison 53706.

Scholarships and Fellowships

The major undergraduate scholarships are:

Knapp. \$50 to \$650 a year for four years. Approximately 50 awards yearly to new freshmen from Illinois and Wisconsin high schools.

Kies. \$350 a year for four years. Two awards yearly to new freshmen who are U.S. citizens.

U.W. Freshmen. Partial (about 88 per cent) fee remission to freshmen from Wisconsin. 350 awards yearly.

High School Honor Awards. These are not made in competition, but upon certification of your high-school principal. Graduating seniors of Wisconsin high schools are eligible. These are one-year, non-renewable awards, with partial (about 88 per cent) fee remission for the freshman year. A student is eligible if he meets the requirements in Wisconsin State Statute Section 36.16(1).

Nonresident Tuition. Out-of-state portion of tuition remitted for one year.

General Motors. \$200 to \$2,000 a year for four years. Seven new awards yearly to new freshmen who are U.S. citizens.

Special Scholarships. There may be a scholarship available only to graduates of a particular high school, city, or area. Consult the high-school principal or guidance counselor for this information.

Knapp, U.W. Freshmen, High School Honor Awards, and Nonresident Tuition scholarships may be used on any campus of the University (Madison, Milwaukee, or centers). Kies and General Motors scholarships must be used on the Madison campus.

Scholarships are available to transfer students who are Wisconsin residents upon entrance, if funds are available. Nonresident transfer students may compete for nonresident tuition scholarships.

One application entitles an applicant to consideration for all the above-mentioned scholarships and for all others for which he can qualify on the basis of academic record and merit. The need of the applicant will determine the stipend. Parents of entering freshmen are required to submit a Confidential Financial Statement to the College Scholarship Service, Princeton, New Jersey. This form is available upon request at your high school.

Announcements about freshman scholarship competitions are sent annually about November 1 to high schools in Wisconsin and Illinois. Soon after November 1, you can obtain a scholarship application form and set of instructions from your principal or guidance counselor. Students from other states should write to the Office of Loans and Undergraduate Scholarships for an application.

The filing deadline for applications from prospective new students is March 1 each year (December 1 for midyear graduates). Announcements of actions on applications from prospective new students are made about May 15. You will be notified individually. Deadline for applications from continuing students is April 1 each year; notification of actions on applications is made about July 15. No application for scholarships will be accepted after the deadlines.

Graduate. The *Graduate School Bulletin* contains requirements for graduate scholarships and fellowships, as well as research, teaching, and industrial assistantships.



The Milwaukee Journal



Student leisure-time activities range from open house at the Memorial Union (above) to dormitory discussion sessions.

Student Housing

University Residence Halls, sororities and fraternities, cooperative houses, and privately owned dormitories and houses give you a wide choice of accommodations to suit your taste and purse. As a student, you may live either on campus in the University's own halls or off campus in privately owned accommodations.

Housing Bureau

The University maintains a Housing Bureau to furnish information to students and landlords and to guard standards of safety and cleanliness in privately owned housing.

Initial requests for information on all types of student residences may be made by mail or in person through the University Housing Bureau, 434 Sterling Court, Madison 53706. Applications are not accepted at the bureau, but if you write stating when you plan to enroll you will receive current, detailed information on housing and application procedures. Acceptance for admission to the University does not guarantee housing.

University Residence Halls

The Division of Residence Halls offers accommodations for 4,200 students. The halls for women are Chadbourne, Elizabeth Waters, Cole, Elm Drive A, Slichter, and Barnard. Men's halls are Tripp, Adams, Kronshage, Sullivan, and Elm Drive B and C.

Construction is under way at the southeast corner of the campus for a large group of residence halls which will add space for 1,130 students by the fall of 1963; an additional 1,130 by fall of 1964; and 900 more by fall of 1965. The total number of students accommodated in University Residence Halls then will have reached about 7,400 (3,200 women and 4,200 men).

A head resident or educational adviser of faculty rank, assisted by a housefellow staff of outstanding young men and women, insures counseling and leadership. Space is provided for recreational and

cultural activities; active student organizations schedule social and extracurricular educational programs. Self-government through individual units and hall associations provides experience in democratic group living. Students of all creeds, races, and backgrounds live together.

Write to Division of Residence Halls, Slichter Hall, Madison 53706, for application forms and full information. Rates for the 1962-63 school year ranged from \$780 to \$870 for women and from \$780 to \$850 for men. Rates are based on a prediction of future costs and the University reserves the right to make adjustments during the year. Charges for room and board are payable in advance, by the quarter. Rooms are not rented without board. During the academic years 1963-64 and 1964-65, however, the new halls at the southeast corner of the campus will be offered on a room-only basis with optional breakfast and lunch service; estimated cost for double room only for 1963-64 is \$370. When the regular food service unit for the new halls is completed in fall 1965, these halls also will operate on a room and full-board basis.

Applications are accepted from residents and nonresidents of Wisconsin beginning October 1 for the fall semester and June 1 for the second semester. No deposit is required. Preference in assignment is given to Wisconsin residents until May 1. Although the University Halls are intended primarily for undergraduate students, graduates will be assigned if space permits. About 500 spaces will be offered to men and women graduate students in separate units of the new halls described above, in anticipation of a new residential Graduate Center to be built in the same general area.

If you wish to room with a friend, mail both applications in one envelope. No priority is given to applications submitted in person. Wisconsin high-school students may get an application form at their principal's office.

Off-Campus Housing

Single Women

Costs for room and board in privately owned University-approved dormitories and houses vary from \$750 to \$1,500 for the academic year. Room costs range from \$200 to \$475 an academic year in room-only and kitchen-privilege units. Meals are available in the Memorial Union and in nearby restaurants. Since housing for women students is in unusually great demand, the University urges that it be obtained early.

Information which includes exact capacities, types of rooms, prices, addresses, and names and addresses of the housemothers, plus

general information, will be mailed or supplied on request at the University Housing Bureau, 434 Sterling Court.

Rooms in private homes in Madison are available to graduate women. Undergraduate women under 21 years of age are required to live in housing approved by the University; any exceptions to the rule must be cleared with the dean of women before rental arrangements are made.

Apartments are available to graduate women, but are not approved or regularly inspected. Listings of vacant apartments are available at the Housing Bureau. Rental must be made by personal application.

Single Men

Good, reasonably priced housing is expected to be in fair supply beginning in September, 1963. Rooms are available in rooming houses near the campus, in private homes one to three miles from the campus, and in light housekeeping units. Undergraduate men under 21 years of age are not permitted to occupy apartments.

Single rooms rent for \$6 to \$9 a week. Rates for double rooms range from \$5 to \$8 a person. Board and room is offered at the University YMCA and fraternities. Meals are available at the Memorial Union and at restaurants near campus. Information will be sent by the Housing Bureau upon request.

Married Couples and Families

University Apartments

There are 756 University-owned apartments for married couples and families; graduate students are given preference for assignment. Assignments are made by the Division of Residence Halls; application blanks will be sent by the Housing Bureau.

Off-Campus Housing

Privately owned houses, apartments, and light-housekeeping rooms are listed at the Housing Bureau as they become vacant. All rentals are by personal interview; no lists are compiled for mailing. Rates range from \$80 to \$120 a month for furnished and heated quarters for couples. It is difficult, but not impossible, to obtain low-cost housing for families with children. Furnished or unfurnished one- or two-bedroom living units, with heat included, are offered in a price range of \$90 to \$130.

Student Life

Life on the Madison campus, while not totally different from life in your home town, may well be more exciting, more rewarding, and more challenging.

Students at Wisconsin are a vital part of a community of scholars in which learning is paramount. You will have new responsibilities and freedoms. You will encounter ideas different from your own. You will get to know many different kinds of people.

All these things are vital to good education and will serve you well in your after-college years.

You will take part in self-government in your living units, your student government, the Memorial Union, and, perhaps, on the joint student-faculty committees which help set the policies of the University. If you wish to do so, you may become involved in publishing a newspaper or magazine or presenting concerts, plays, parties, or public events. You may earn part of your living expenses.

You will build strong friendships with other students which will last a lifetime. You will get to know some of the greatest scholars in the world as your teachers. And you will, if successful, become devoted to a lifetime of continuous learning.

Memorial Union — Living Room of the Campus

With your registration at the University, one of the finest community centers in the Middle West is open to you. The Memorial Union building, governed by a student-faculty-alumni council, is the hub of most campus activities and a gathering place for recreational and cultural events. It also provides dining service, from table d'hôte to cafeteria, and hotel rooms for guests. Theater, movies, art exhibits, and discussion forums are regular features.

The Union has ballrooms, bowling alleys, billiard and table tennis rooms, and lounges for leisurely conversation or watching television. Rooms are available for meetings of campus clubs. Sunday music hours, reading rooms, and outing headquarters where bikes, picnic equipment, and skis may be rented are among the many attractions.

Music, Dramatics, Communication Media

The University's famed Pro Arte Quartet, University Chorus concerts, Band programs, and a concert series of world-famous musical artists provide a wealth of opportunity for music appreciation. Among the many musical activities which invite your participation by tryout are the chorus, regimental and concert bands, and the University symphony orchestra, all of which may be taken for credit.

Professional theater, ballet, and opera companies perform regularly in the Union Theater, where productions by the Wisconsin Players and the Department of Speech also are given. In the Play Circle, famous plays and original student productions are presented without charge and distinguished and foreign films at cost. You are invited to take part in acting, producing, or planning theater activities.

Student-operated campus publications, inviting talent in many fields, are *The Daily Cardinal*, student newspaper; *The New Idea*, literary journal; *Badger*, the school annual; *Wisconsin Engineer*, edited by Engineering students; *The Law Review*, a professional legal publication edited by students in the Law School; *Insight and Outlook*, conservative journal; and *Wisconsin Review*, liberal journal. Also of interest is *Campus View*, edited by agricultural and home economics students.

WHA-TV and Radio Station WHA, with its state network, give ample outlet for acting, producing, and announcing.

Religious Activities

Religious centers of all denominations play an important role in campus life at Madison. Providing worship services and an increased understanding of the relationship of religion to education, the centers have added a variety of cultural, intellectual, and recreational activities as well. Individual counseling and assistance are available at most; cooperative dining halls, coffee hours, and art shows are sponsored by many. Denominations and addresses are listed in the *Staff and Student Telephone Directory*.

Athletics

Wisconsin has an extensive program of intramural sports, with several playing fields reserved for that purpose. Evening athletic programs are organized for graduate students and staff members. You may buy season tickets for intercollegiate sports events at reduced prices.

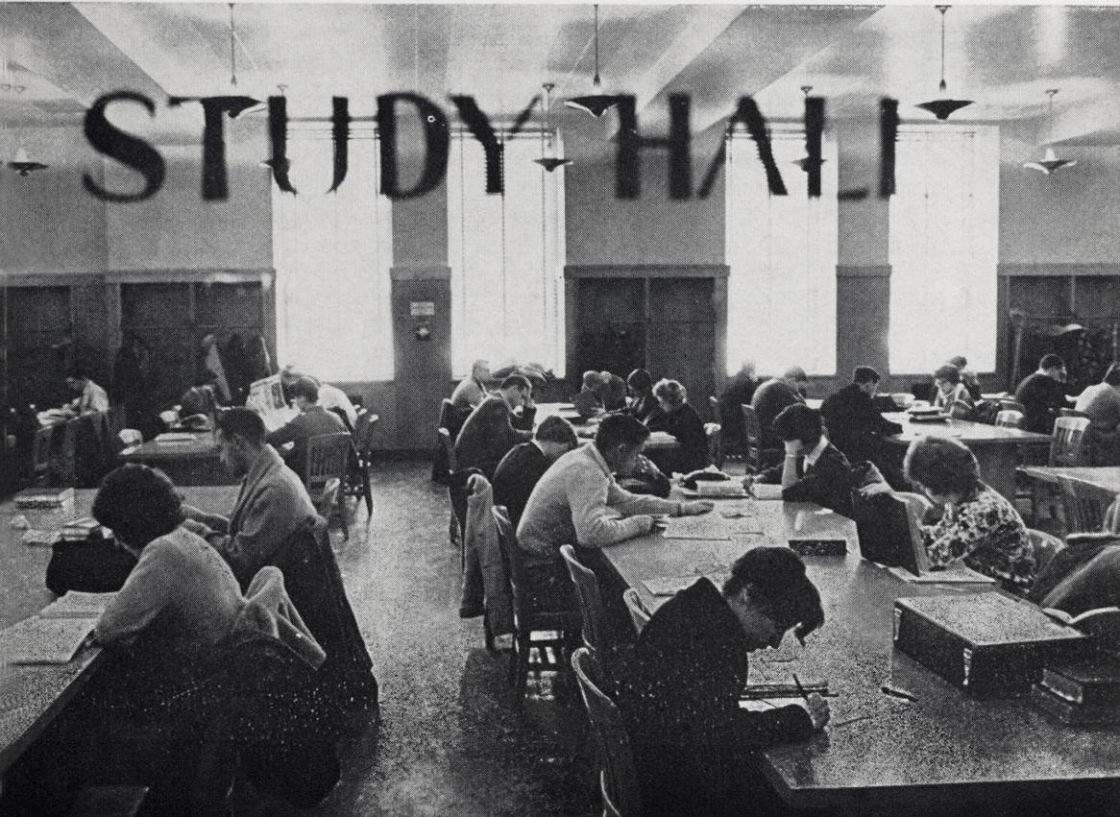
A majority of students use campus facilities for swimming, canoeing, tennis, baseball, football, volleyball, and skating. The Wisconsin

Hoofers, the Union outing club, provides sailing, bicycling, canoeing, hiking, skiing, mountaineering, archery, riding, overnight outings, and other sports.

Special Interest Organizations

Special interest organizations listed in the University telephone directory supply educational activity in great variety. Language clubs, political and social-action groups, arts and crafts, dance groups, and foreign student organizations are a few. All provide you with the experience of sharing interests and responsibilities, tending to increase understanding of yourself and others.

Study rooms are located in the Memorial Library, and in many other buildings in all parts of the campus.



Choosing Your Course

The University's educational program offers study in almost all major areas of the humanities, arts, and sciences—and in the professional fields of engineering, agriculture, commerce, education, medicine, law, and pharmacy. This diversity integrated into one campus gives students and faculty of specialized fields the experience of learning from each other.

At Wisconsin, classes are organized in various ways. Many are small groups of students who discuss their readings and lectures. Others are organized into large lectures and small quiz sections. In the quiz sections and laboratories, small groups of students and a faculty member discuss and explore the lecture information.

The following brief course descriptions will indicate the many areas of study open to you. For detailed information, consult the bulletin of the school or college of your choice (page 46).

College of Letters and Science

Undergraduate programs in the College of Letters and Science provide extensive education in the humanities, social studies, languages, and sciences; and supply a foundation for later work in professional and technical fields.

You may begin in the general course or the planned two-year Integrated Liberal Studies program.

The general course emphasizes humanities, social studies, and sciences. New general course requirements will become effective for freshmen and transfer students who first enter the college in the fall of 1964. Some of these requirements may be satisfied by high-school studies.

Integrated Liberal Studies provides a broad liberal education while satisfying the general requirements. Specific and related courses in humanities, social studies, and sciences are selected; you make your choice of languages and one elective each semester. Enrollment is limited to 300 applicants in each freshman group.

To encourage and recognize work of greater depth, scope, and

originality by undergraduates whose abilities and interests make them eligible, almost every department in the college is supplementing its regular program with honors courses.

In your junior year, you select for extended study a major in one or a combination of the following areas:

American Institutions	Geology	Molecular Biology
Anthropology	German	Music
Arabic	Greek	Philosophy
Art History	Hebrew Studies	Physics
Asian Studies	History	Political Science
Astronomy	History of Science	Psychology
Bacteriology	Ibero-American Studies	Scandinavian Studies
Biological Aspects of Conservation	Indian Studies	Slavic Languages (Polish and Russian)
Botany	International Relations	Social Work
Chemistry	Italian	Sociology
Comparative Literature	Journalism	Spanish and Portuguese
Economics	Latin	Speech
English	Linguistics	Urban Affairs
French	Mathematics	Zoology
Geography	Medical Science	
	Meteorology	

Specialized Four-Year Courses in Letters and Science

Applied Mathematics and Engineering Physics. Fundamentals of mathematics, physics, and engineering.

Chemistry. General, food, or fermentation chemistry for those who plan to work in industry, government, or teaching. If you wish to major in chemistry, the B.A. general course permits a wider selection of other subjects.

Humanities. A liberal education through intensive study of a regional, classical, or European culture. An adviser directs your work and helps you plan your program.

Journalism. Students may enter the School of Journalism at the beginning of their freshman year. As a freshman and sophomore, you enroll in basic pre-journalism courses that determine whether or not you may continue in the school as a junior. All but a few credits of the first two years are in subjects required of all Letters and Science students.

Medical Technology. Three years of required and elective subjects plus one year in the medical technology major. Preparation for technical work in laboratories of clinical diagnosis in hospitals, clinics, and offices.

Music. Applied music for performers; theory and history for composers and arrangers; school music for teachers. You may major in music following the plan outlined for general courses.

Naval Science. Trains students to become officers in the regular or reserve services of the Navy and Marine Corps. Only if you

qualify by means of the annual Navy college aptitude test may you elect this course before entrance. Otherwise, you may apply at the time of registration to the professor of naval science.

Physical Therapy. Provides professional qualifications in physical therapy.

Pre-professional Study in Letters and Science

Students who wish to become candidates for degrees in some professional programs begin their studies in the College of Letters and Science. These programs include education, elementary and secondary school teaching; commerce, including light building industry; pharmacy; law; and medicine.

Requirements for transfer to the schools and colleges are included in descriptions on the following pages.

College of Agriculture

The College of Agriculture, which includes the School of Home Economics, offers a variety of courses.

Long Course. The four-year program leading to a Bachelor of Science degree — called the long course — is designed to develop leadership, provide cultural background, and teach intelligent recognition of the many professional problems in progressive agriculture. Graduates are ready for many vocations, such as county agricultural agent, high-school agriculture teacher, farm editor or writer, work in civil service, public relations for farm organizations, food industry, farm machinery, and insurance.

After two years of required subjects, you select your major from the following:

Agricultural Economics	Biochemistry	Horticulture
Agriculture and Extension Education	Conservation	Meat and Animal Science
Agricultural Engineering	Dairy and Food Industries	Plant Pathology
Agricultural Journalism	Dairy Science	Poultry Science
Agronomy	Entomology	Recreation
Bacteriology	Genetics	Rural Sociology
		Soils

Pre-Forestry and Pre-Veterinary Science. A two-year pre-professional curriculum is offered in each field, but the college does not conduct professional training in either forestry or veterinary science.

Middle Course. A two-year middle course in agriculture, leading to the title of Graduate in Agriculture, is designed for students interested in taking regular academic work with emphasis on the practical aspects. As a student in the middle course, you will find few requirements and may choose subjects best fitted to your needs. However, should you later go into the long course, you should expect to spend more than four years in earning the bachelor's degree.

Short Courses. Men between the ages of 19 and 26 may enroll in a noncredit short course designed to prepare them for some phase of practical agriculture. Instruction is conducted during three winter periods of five weeks each for two years in general and specialized farming, dairy herd improvement, dairy manufacturing, and care of city milk supply. The winter dairy course lasts 18 weeks. Bulletins on these courses may be obtained from the Associate Dean, College of Agriculture, Agricultural Hall, Madison 53706.

School of Home Economics

The four-year degree program leading to the Bachelor of Science degree in Home Economics is a combination of liberal and specialized education. Of the total degree requirements about a third are home economics courses, a third specified liberal studies, and a third you select in consultation with your adviser.

In your junior year, you choose a major from one of the following:

Child Development	Human Nutrition
Experimental Foods	Institution Management
General Home Economics	Preschool — Kindergarten
General Textiles and Clothing	Related Art
Home Economics Education	Retailing
Home Economics Journalism	Textile Chemistry

College of Engineering

Engineering courses provide thorough training in mathematics, physical sciences, engineering principles, and the application of these fundamentals to problems encountered in specialized fields. They also provide a broad knowledge of the scientific and technical bases of business, industrial, and civic life.

After a solid foundation of fundamentals has been laid, specialized training is given in the main fields of professional engineering. The college offers courses which lead to the Bachelor of Science degree in:

Chemical Engineering	Mechanical Engineering
Civil Engineering	Metallurgical Engineering
Electrical Engineering	Mining Engineering
Engineering Mechanics	Nuclear Engineering

An option is offered in physics; combined courses are available in engineering and commerce, engineering and law, agricultural engineering and civil or mechanical engineering, civil engineering and city planning, and civil engineering and light building industry. (Since the first year is similar in all fields, a change in department may be made with relative ease at the end of the first year.)

The courses leading to a degree are flexible enough to permit a wide choice of subjects, both inside and outside the College of Engineering. If students desire a broader range of subject choice than

the four-year program provides, they may arrange a five- or six-year program.

Although the basic minimum mathematics requirement for entrance into the College of Engineering is one unit of algebra and one unit of plane geometry, *the equivalent of four units is necessary preparation for the first course in mathematics carrying degree credit in the College of Engineering. Noncredit course work is provided for those requiring additional preparation.*

Engineering in Combined Courses

Agriculture and Engineering. A five-year course offered in cooperation with the College of Agriculture.

Commerce and Engineering. Three possible combinations. A course in light building industry, including some engineering subjects, is offered by the School of Commerce. A combined five-year course, leading to a bachelor's degree in both light building industry and civil engineering, is available. If you wish to complete your education in the School of Commerce, you may take your first two years in engineering instead of the College of Letters and Science, but careful planning is necessary from the second semester of the freshman year if you are to avoid prolonging the course beyond four years.

Law and Engineering. A combination in which you take engineering courses the first three years with two social studies courses in the College of Letters and Science during your junior year. The senior year is devoted to studies in both engineering and law, after which you receive a bachelor's degree in engineering and continue law studies.

School of Commerce

The School of Commerce offers a program in business administration based on a broad education with reasonable specialization in the later undergraduate years. Admission to the school requires two years in the College of Letters and Science, College of Agriculture, or College of Engineering.

Specialization, beginning in the junior year, may be in accounting (including industrial cost accounting); business teacher education; finance, investment, and banking; marketing (including foreign trade and purchasing); organization and management (including personnel and industrial relations, production, and industrial management); public utilities and transportation; quantitative analysis (including data processing, operations research, statistical methods, and applications); real estate and urban land economics; risk-management (including risk and insurance, actuarial science). Studies in commerce may be combined with those in agriculture, engineering, or law.

In addition to the program in business administration, the School of Commerce has a special four-year curriculum in the light building industry which combines courses in the Colleges of Engineering and Agriculture and the School of Commerce.

School of Education

The School of Education trains students for professional careers as teachers of academic subjects in elementary and secondary schools; as directors and teachers of recreation; and as teachers of special subjects such as art, agriculture, home economics, physical education, and conservation. A different study program is followed for each group.

If you are preparing for elementary school teaching, you enroll for the first year in a general course of the College of Letters and Science and apply for transfer to the School of Education at the beginning of your sophomore year. If you are preparing for secondary school teaching, you enroll for the first two years in a general letters and science course and apply for transfer to the School of Education at the beginning of the junior year. All prospective teachers have advisers from the School of Education after their freshman year.

If you choose a specialized field, as follows, you will enter the School of Education directly as a freshman:

Art Education. Basic and advanced art courses in the studio, art history, and teacher training. Teachers are prepared for classroom teaching and supervision of art in the elementary schools and in the junior-senior high schools.

Art. Courses in drawing, painting, design, composition, survey of contemporary art, sculpture, art history, metalcraft, ceramics, graphic arts, serigraphy, commercial work, landscape, architecture, weaving, costume design, and interior decoration.

Art Education and Art. Graduates from the art education or from the art courses with some teaching experience and with advanced degrees may qualify for teaching and other professional activities in colleges, universities, professional art schools, and museums.

Occupational Therapy. A four-year program administered in cooperation with the Medical School, including general academic requirements, professional work in occupational therapy, and specialized courses in the departments of art education, music, physical education, and home economics. After completing the bachelor of science degree you spend 10 months in supervised practice in treating patients in several types of hospitals and agencies.

Physical Education. The four-year program in physical education for men is designed to prepare students as instructors and directors of physical education programs in elementary and secondary schools (in-

cluding coaching all sports). Two programs in physical education for women, the general major and the dance major, prepare women for teaching in those fields. Also available is the applied dance major, a fine arts program not leading to teacher certification.

Recreation Leadership. A two-year professional preparation based on two years of general education prepares for leadership in community recreation services. Students may qualify either with or without earning a University Teacher's Certificate. Interested students should consult the adviser in Recreation Education, Room 306B, Education Building.

Specialized Teaching Fields

Agriculture and Home Economics Teachers. If you are preparing to teach either agriculture or home economics, you enter the College of Agriculture or the School of Home Economics in your freshman year and register jointly with the School of Education at the beginning of your junior year.

Chemistry, Humanities, Journalism, and Music Courses in the College of Letters and Science; Business Education in the School of Commerce. In these and other special courses, if you are seeking the University Teacher's Certificate, you are required to register concurrently in the School of Education during your junior and senior years, complete the certificate requirements, and meet the degree requirements in the course you choose.

Law School

The Law School is a professional school requiring three years of college work for admission. All applicants for admission must take the Law School Admission Test of the Educational Testing Service. Three academic years in residence lead to the Bachelor of Laws degree. The admission requirement may be met by completing three years in the College of Letters and Science, the College of Engineering, or the School of Commerce of this University; or its equivalent in a college or university recognized by The University of Wisconsin. If you hold a bachelor's degree, you must have a grade-point average of 2.5; if not, your average must be 2.75.

A combined program in law and letters and science, engineering, or commerce is available. After completing the first three years in one of the three fields, you may transfer to the Law School for your senior year, at the end of which you receive a bachelor's degree.

Medical School

The minimum requirement for the pre-professional phase of the program leading to the degree of Doctor of Medicine is three years

of collegiate work. If you plan to become a doctor, you enroll in the general course of the College of Letters and Science and are assigned to one of a group of faculty pre-medical advisers.

Pre-medical students who major in humanities and social sciences are considered on the same basis as those who major in science when their records are evaluated for admission to Medical School. All other factors being equal, preference will be given to college graduates since—in view of the rapidly changing social environment which relates to health and disease—the doctor needs a broad educational experience. Undergraduates registered concurrently as seniors in the College of Letters and Science, and as freshmen in the Medical School, must complete the requirements for the baccalaureate degree during the first year in Medical School.

The pre-medical adviser can help you get the best educational experience during your undergraduate period and his counsel and judgment should be considered carefully.

School of Nursing

The School of Nursing offers two baccalaureate programs in nursing leading to the degree of Bachelor of Science in Nursing.

The Preservice Program admitting high-school graduates extends over four academic years and two Summer Sessions. Students may enroll for the first year or two of this program in other accredited institutions of higher education. A graduate of this program is eligible to write the state board examinations required in order to practice as a registered nurse. Graduates are prepared to take positions as professional nurses in hospitals, in public health agencies, and in other fields of nursing requiring a beginning competence in professional nursing.

The Program for Professional Nurses admits registered nurses who wish to complete work toward a baccalaureate degree. The length of time required to complete the program varies according to the background of the individual student; usually, two to three years of full-time study are required.

School of Pharmacy

Pharmacists are trained for community pharmacies, hospitals, the armed forces, industry, research, teaching, journalism, professional associations, and government service. Two years in the College of Letters and Science with a satisfactory grade-point average are required for transfer to the School of Pharmacy at the beginning of the junior year. Juniors must apply to the Dean of the School of Pharmacy for transfer as soon as the requirements of the first two years have been met.

Four Years Later

For more than a century, a University of Wisconsin degree has opened the door to a career in almost every field. The titles and degrees conferred are:

Two-Year Degrees

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 School)

Bachelor of Business Administration
Bachelor of Laws
Bachelor of Music
Bachelor of Naval Science

Bachelor of Science degrees —

Agriculture
Agriculture and Education
Agricultural and Naval Science
Applied Mathematics and Engineering Physics
Art
Art Education
Chemical Engineering
Chemistry
Civil Engineering
Education
Electrical Engineering
Engineering Mechanics
General Course
Home Economics

Home Economics and Education
Journalism
Light Building Industry
Mechanical Engineering
Medical Science
Medical Technology
Metallurgical Engineering
Mining Engineering
Naval Science
Nuclear Engineering
Nursing
Occupational Therapy
Pharmacy
Physical Education
Physical Medicine

A graduate of any course may receive the baccalaureate degree in another course by completing the additional studies required. One

year's additional study and special permission are required for a second degree in the College of Letters and Science.

Graduate and Professional Schools

Graduate study is becoming an ever-increasing pattern for University of Wisconsin students. In 1940, there were 1,248 students in Graduate School; by 1962, the number had increased to 4,862. The extension of many fields of knowledge points to the need of continued study beyond the normal four years, and graduate study is prerequisite to specialization in the humanities, social studies, and many of the sciences.

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. Emphasis is given to a research problem in the graduate's field of study. To this end, able students share in the investigations of their professors and are encouraged to acquire the spirit as well as the methods of productive work. The *Graduate School Bulletin* has detailed information on admission and advanced degree requirements.

The University confers the degrees of Master of Arts, Master of Fine Arts, Master of Laws, Master of Music, Master of Business Administration, and Master of Science. Candidates who have taken the Bachelor of Science degree in an engineering course may also be granted the second degree of Civil Engineer, Mechanical Engineer.

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

Placement

The University has established placement officers in many fields and a Placement Service to co-ordinate their efforts. Specialized placement services are maintained in such fields as agriculture, chemistry, commerce, engineering, home economics, journalism, law, pharmacy, and teaching.

Each year, hundreds of firms, agencies, and other employers send personnel representatives to the campus to recruit graduates.

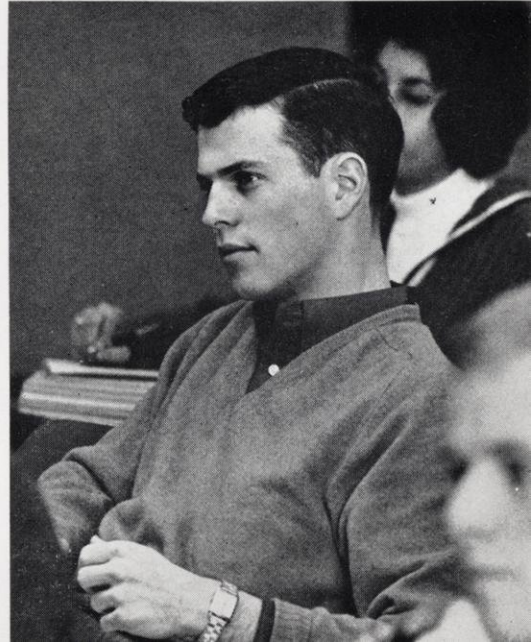
Alumni

When you have earned a degree from The University of Wisconsin, you are followed by the University's continuing interest — an interest maintained by the Wisconsin Alumni Association. The University watches the progress of its graduates with pride. As a

Badger alumnus, you will be among more than 190,000 persons who have attended the University since the first commencement in 1854. Included in that group of men and women are many who have carried forward the Wisconsin tradition of service to mankind as they distinguished themselves in literature, business, science, medicine, law, government, theater, radio, television, and teaching. Nor does the Alumni Association forget the much larger body of ordinary men and women who do the world's work without the recompense of fame.

The University's interest in its former students is reciprocated by their continuing and creative interest in the institution on the hill. The Alumni Association, formed in 1861, consists of about 25,000 former Badgers whose purpose is "to promote by organized effort the best interests of the University." Other alumni formed the Wisconsin Alumni Research Foundation in 1925 to control the fruits of University research for the benefit of mankind and to finance further scientific investigation in University laboratories. In 1945, the alumni organized the University of Wisconsin Foundation, which conducts campaigns for gifts and bequests that make possible research and teaching projects over and above the operating funds provided by public appropriation.

Two of the University's 21,733 students at Madison appear intently interested in a classroom discussion.



Bulletins

If you wish more information about *Correspondence Courses* given by the University Extension Division, write: Correspondence Study, University Extension Division, Extension Building, Madison 53706.

For information and bulletins concerning the *Summer Sessions*, write: Director, Summer Sessions, Extension Building, Madison 53706.

For separate bulletins of other colleges and schools of the University, check the list below and mail the coupon to: University Publications Service, Observatory Hill Office, Madison 53706.

- Catalog, Part I: Letters and Science* (This includes general information and courses; and courses in applied mathematics and engineering physics, chemistry, humanities, integrated liberal studies, journalism, medical technology, music, naval science, and physical therapy; and pre-legal, pre-commerce, pre-education, pre-pharmacy, and pre-medical work.)
- College of Agriculture*
- School of Commerce* (This includes the course in light building industry.)
- School of Education* (This includes art, art education, occupational therapy, physical education, recreational leadership, elementary and secondary education.)
- College of Engineering*
- Graduate School* (This includes graduate offerings in all colleges and schools.)
- School of Home Economics*
- Law School*
- Library School*
- Medical School*
- School of Nursing*
- Occupational and Physical Therapy*
- School of Pharmacy*
- School of Social Work*

University Publications Service, Observatory Hill Office, The University of Wisconsin, Madison 53706.

Please send me the bulletins checked above.

Name

Address

City and State

The University of Wisconsin Calendar

1963-64

1964-65

First Semester

Advance registration	July 1-Aug. 9	June 15-July 25
Registration days	Sept. 11-13 (W-F)	Sept. 9-11 (W-F)
Instruction begins	Sept. 16 (M)	Sept. 14 (M)
Thanksgiving recess	Nov. 28, 29, 30	Nov. 26, 27, 28
Christmas recess begins	Dec. 21 (S noon)	Dec. 19 (S noon)
Classes resume	Jan. 6 (M)	Jan. 4 (M)
Final examinations	Jan. 17-25 (F-S)	Jan. 15-23 (F-S)

Second Semester

Registration days	Jan. 28-31 (Tu-F)	Jan. 26-29 (Tu-F)
Instruction begins	Feb. 3 (M)	Feb. 1 (M)
Spring recess	Mar. 27-Apr. 5 (incl. F-S)	Apr. 16-25 (incl. F-S)
Memorial Day: legal holiday	May 30 (S)	May 31 (M)
Final examinations	May 28-June 6 (incl. Th-S)	May 27-June 5 (incl. Th-S)
Commencement day	June 8 (M)	June 7 (M)

Summer Sessions

1964

1965

Eight-week session begins	June 22 (M)	June 21 (M)
Independence Day: legal holiday	July 4 (S)	July 5 (M)
Eight-week session ends	Aug. 15 (S)	Aug. 14 (S)

