



ARRON COUNTY CAMPUS

STOUT STATE UNIVERSITY

CATALOG - 1971-1973



Bulletin of

BARRON COUNTY CAMPUS

of

STOUT STATE UNIVERSITY

REGULAR SESSIONS — 1971-1973



Volume IV

June 1971

Rice Lake, Wisconsin 54868

Telephone 715-234-8176

BOARD OF REGENTS OF STATE UNIVERSITIES

W. ROY KOPP, President	Platteville
MILTON E. NESHEK, Vice President	Elkhorn
STEPHEN H. AMBROSE	Whitewater
NORMAN L. CHRISTIANSON	Roberts
JOHN J. DIXON	Appleton
ALLAN L. EDGARTON	Fond du Lac
JOHN LAVINE	Chippewa Falls
BERTRAM McNAMARA	Milwaukee
EUGENE W. MURPHY	La Crosse
JAMES A. RILEY	Altoona
JAMES G. SOLBERG	Menomonie
MRS. ROBERT R. WILLIAMS	Stevens Point
EUGENE R. MCPHEE, Secretary and Director of State Universities	Madison
SAMUEL G. GATES, Associate Director	Madison
WILLIAM C. KAHL, State Supt., Ex-Officio	Madison

TABLE OF CONTENTS

	Page
REGENTS OF WISCONSIN STATE COLLEGES	2
ADMINISTRATION	5
FACULTY	5
GENERAL INFORMATION	9
History	9
Mission Statement	9
College Facilities	9
STUDENT SERVICES	11
Student Insurance Plan	11
Housing	11
Organizations	12
ACADEMIC INFORMATION	13
Admission Procedures	13
Admission Requirements	13
High School Graduates	13
Transfer Students	14
Adult Special Students	14
Veterans	15
ACADEMIC REGULATIONS	15
Class Attendance	15
Credit Hour Load	16
Scholarship Standards	16
Probationary Status	16
Change in Class Schedule	17
Withdrawals from Class	17
Course Number and Credits	17
Repeat of Courses	17
Late Registration	18
Transcripts	18
FINANCIAL INFORMATION	18
Fees	18
Refunds	19

	Page
FINANCIAL AID	20
Wisconsin State Legislative Scholarships	20
Federal Educational Opportunity Grants	21
Wisconsin State Student Loan Program	22
National Defense Student Loan	22
Guaranteed Loan Program	23
College Student Work-Study Plan	23
DESCRIPTION OF COURSES	25
Art	25
Biology	26
Business	26
Chemistry	27
Economics	27
Education	28
English	28
Foreign Language	29
Geography	30
History	31
Journalism	31
Mathematics	32
Music	33
Natural Science	36
Philosophy	36
Physical Education	36
Physics	37
Political Science	38
Psychology	38
Sociology	38
Speech	39
COLLEGE CALENDAR	40

ADMINISTRATION

William J. Micheels, Ph.D.	President
John F. Meggers, Ph. D.	Dean
Eugene L. Hartmann, Ph.D.	Associate Dean for Student Services
Gene A. Gilbertson, M.A.	Director of Admissions and Counseling
W. Mark Haight, M.A.	Director of Student Activities
Grant F. Morse, M.S.	Head Librarian
Thomas Fitz, M.S.	Assistant Librarian
James D. Thompson	Business Manager
James Pannier, Ed.D.	Assistant to the Dean

FACULTY

JOHN F. MEGGERS (1966)	Professor, Dean B.A., Wisconsin State University, Oshkosh; M.A., Ph.D., University of Wisconsin.
EUGENE L. HARTMANN (1970) ...	Associate Professor, Associate Dean for Student Services B.S., College of St. Thomas; M.S., Stout State University; Ph.D., University of Missouri.
WAYNE W. ARNTSON (1966)	Assistant Professor, Chemistry B.S., Wisconsin State University, Eau Claire; M.A., University of Northern Iowa.
DONALD L. BECHTEL (1966)	Assistant Professor, History B.S., Wisconsin State University, LaCrosse; M.A. University of South Dakota; Ed.D., University of South Dakota.
ROLAND H. BROWNLEE (1967)	Assistant Professor, Business and Economics B.A., Columbia College; M.A., Columbia University.
DALE E. CRISLER (1966)	Assistant Professor, Physics-Math B.S., Wisconsin State University, River Falls; M.S., Vanderbilt University; Ph. D., University of Wyoming.
THOMAS R. FITZ (1967)	Assistant Professor, Librarian A.B., Southwestern College; M.Div., Drew University; S.T.M., Drew University; M.A. in L.S., University of Denver

- GENE A. GILBERTSON (1968)Assistant Professor, Director
of Admissions and Counseling
B.S., Wisconsin State University, River Falls; M.A., Winona
State College.
- DENNIS W. GRIVNA (1969)Instructor, Biological Sciences
B.S., M.S., Wisconsin State University, River Falls.
- WELLINGTON M. HAIGHT (1967)Associate Professor,
Sociology
B.E., Wisconsin State University, Eau Claire; M.A., University
of Wyoming.
- DENNIS A. HARMS (1967)Instructor, Music
B.S., University of Minnesota; M.A., Colorado State College.
- MARY E. HOEFT (1971)Faculty Assistant, French, Speech
B.S., Wisconsin State University, Oshkosh.
- DAVID D. JENKINS (1966)Instructor, History
B.S., M.S., Wisconsin State University, LaCrosse.
- JOHN C. LANEY (1971)Assistant Professor, Psychology
B.A., Wisconsin State University, Oshkosh; M.A., University of
Wisconsin, Madison; Ph.D., Texas Tech University.
- JUSTIN R. LEAHY (1969)Assistant Professor, English
B.A., College of St. Thomas; J.D., Marquette University.
- HARRY W. LOOMER (1967)Assistant Professor, Geography-
History
B.S., Wisconsin State University, Eau Claire; M.A., Michigan
State University.
- CAROL A. MALONE (1970)Instructor, English-Journalism
B.S., Wisconsin State University, Oshkosh; M.A., Texas Tech
University.
- GRANT W. MORSE (1966)Assistant Professor, Head Librarian
B.A., Ottawa University; M. Div., Eastern Baptist Theological
Seminary; M.S. in L.S., New York State University.
- JOHN P. O'BRIEN (1966)Assistant Professor, Physical Education
B.S., M.S., University of Wisconsin.
- JAMES M. PANNIER (1966)Assistant Professor, Speech
B.A., Wisconsin State University, Eau Claire; M.S., University
of Wisconsin; Ed.D., Montana State University.

- RONALD F. PARKER (1969) Instructor, Physical Education
B.S., Wisconsin State University, LaCrosse; M.S., Winona State
College.
- DEAN C. PATTERSON (1969) Instructor, Geography
B.S., Winona State University; M.A., East Tennessee State.
- DONALD H. RUEDY (1969) Assistant Professor, Art
B.S., Wisconsin State University, River Falls; M.F.A., University
of Wisconsin.
- JOEL H. SALTER (1967) Assistant Professor, Art
B.S., M.S., University of Wisconsin.
- DAVID H. SCHILLING (1969) Instructor, Mathematics
B.S., Wisconsin State University, Stevens Point; M.A., San
Diego State College.
- KARL N. SCHMID (1968) Instructor, Mathematics
B.S., Wisconsin State University, River Falls; M.S., Syracuse
University.
- JAMES M. STAUFFER (1966) Assistant Professor, Biological
Sciences
B.A., Carleton College; B.S., Wisconsin State University, Eau
Claire; M.S.T., University of Montana.
- EDWARD G. THOMPSON (1968) Instructor, Vocal Music
B.S., Wisconsin State University, River Falls; M.S., Wisconsin
State University, Superior.
- LARRY D. WHITE (1969) Instructor, Political Science
A.A., Kansas Community College; B.S., Kansas State College;
M.S., Kansas State College.
- RUTH M. ZIMMERMAN (1967) Instructor, English
B.A., Gustavus-Adolphus College; M.A., University of Florida.

GENERAL INFORMATION

HISTORY

In December of 1963, the Coordinating Committee for Higher Education in Wisconsin reported that Northern Wisconsin was not being served adequately with liberal arts opportunities. Further, the report said that the population concentration in the Rice Lake area made Rice Lake an attractive locale for a two year unit.

The people of the Rice Lake area immediately began to promote the establishment of a liberal arts college. The Barron County Board of Supervisors entered into an agreement with the Board of Regents of State Colleges and Stout State University to establish a two-year institution. A plan to operate in temporary quarters was agreed upon and the Barron County Campus began operation in September of 1966 as recommended by the Coordinating Committee.

The students and faculty moved into the new seven building campus on March 5, 1968.

MISSION STATEMENT

The Barron County Campus of Stout State University, established in 1966, provides a transferable lower division curriculum in liberal arts and preprofessional programs. This campus serves primarily commuting students and provides leadership and community services in the Barron County area.

Familiarizing students with methods of making inquiries into systems of knowledge, Barron County Campus provides students an opportunity to comprehend and appreciate the fine arts through instruction and performance. It provides an understanding of problems and approaches related to investigations made in the social, physical, and biological sciences. It involves students in a variety of athletic and social functions. It assists students to attain a constructive attitude toward innovation to facilitate thinking and creating in an age when knowledge is at best tentative.

COLLEGE FACILITIES

The campus is located on more than 135 acres of land located south of Rice Lake along the Red Cedar River. There are seven buildings on this campus: Ritzinger Hall, Library, Fine Arts Building, Gymnasium, Student Union, Administration Building, and Maintenance Building.

Ritzinger Hall contains laboratories for the various science courses and a language laboratory in addition to rooms for the English, mathematics, social sciences, history, and speech courses.

The music and art classes meet in the Fine Arts Building. This building also contains a theatre for large group instruction and dramatic presentations.

Physical Education classes have ample room for carrying out the various indoor activities necessary for a healthy student body in the Gymnasium. This building is used for numerous student activities outside of the scheduled physical education classes.

The Library has been designed as the hub of the academic life of the student. It contains reference materials, periodicals, and microfilm in addition to a wide selection of books. Private study carrels along with semi-private reading areas are available for student use.

Facilities for eating are found in the spacious dining area of the Student Center. There is a student lounge off the dining area to provide for student relaxation in a comfortable setting. This building is the center of many of the non-academic activities of the student body. A large fireplace, television, and lounge area add to the relaxed atmosphere in this building. The student bookstore and a room for various college publications are housed in the Center.

The lower level of this building contains a newly remodeled "coffee house" where students can gather informally. The game area is also located in the lower level.

Administrative and faculty offices are located in the Administration Building. Students are encouraged to use this building as a place to meet with their instructor. The Student Services offices are in a wing of this building.

These buildings are arranged in scenic surroundings overlooking the Red Cedar River. The spacious grounds of the campus allow the students to take part in many outdoor activities during the year.

STUDENT SERVICES

A major aim of Stout State University Barron County Campus is to help students in making maximum progress toward suitable, achievable, and satisfying educational, vocational, personal, and social goals. To facilitate the accomplishment of this aim, the non-instructional and non-business areas of the college administration are organized into a program of Student Services.

These services include selection and orientation of new students, personalized registration, counseling, testing, health services, housing, personnel records, co-curricular activities, financial aid (including part-time employment), remediation of scholastic deficiencies, stimulation of student activities, research, placement and follow-up. The student services program seeks to supplement the institutional offerings by providing both group and individual experiences which focus attention on self-understanding, personal growth, and wholesome citizenship in a democratic setting. Every possible effort is made to foster a friendly democratic atmosphere in all personnel work so that personal integrity and group morale will be preserved.

STUDENT INSURANCE PLAN

An insurance plan sponsored by the Barron County Campus of Stout State University covers expenses incurred by accident or illness, whether sustained at the University or elsewhere during the term of the policy. Detailed information concerning coverage, benefits, and premium is available from the Associate Dean for Student Services.

HOUSING

Lists of approved housing accommodations for students eligible to live off-campus are available from the Director of Student Activities. No rooming house is approved by the University unless those in charge agree to observe all the regulations which pertain to the home life of the students and to notify the University when an infraction of regulations occurs. Charges for off-campus housing vary with the type of room and its proximity to the campus.

No student may change his place of residence during the school year without prior consent of the Director of Student Activities. All inquiries about on-campus housing should be addressed to the Director of Student Activities.

ORGANIZATIONS

STUDENT SENATE

All members of the student body, upon payment of their student activity fee, belong to the Barron County Campus Student Association. Students are elected from this group to serve on the student senate. The senate plans various social events and assists in developing the student policies. The social events include dances, lyceums, and other functions of student interest.

VETERAN'S CLUB

An organization of veterans of the Armed Forces interested in promoting social and information programs to the interest of the student-veterans on campus.

S-CLUB

An organization for all men who have won a letter in a varsity sport.

DELTA PSI OMEGA

A national honor dramatic fraternity open to those who have actively participated in an established number of productions.

TWIG

The student newspaper, published biweekly, offers journalistic training to those interested in publication.

NEYATI

Barron County Campus yearbook, comprising pictures of student activities and campus life, published annually.

MUSICAL ORGANIZATIONS

The musical organizations of the Barron County Campus include the Concert Mixed Choir and the Concert Band. From these organizations come the ensembles, both vocal and instrumental, needed to answer the needs and desires of the student population. These ensembles could include a Women's Chorus, a Men's Chorus, Mixed Quartets, Male Quartets, Dance Band and Pep Band.

ATHLETIC TEAMS

Basketball, baseball, cross-country, golf, soccer, tennis and wrestling teams compete with other two-year colleges in the state. Barron County Campus is a member of the Wisconsin Collegiate Conference.

The Students are also able to participate in intra-mural athletics such as football, curling, basketball and softball.

ACADEMIC INFORMATION

ADMISSION PROCEDURES

The application forms are supplied by the WSU System office to guidance counselors or principals at all Wisconsin high schools and to the Directors of Admissions at the universities and branch campuses.

The completed application form and results of the American College Test or comparable test should be mailed to the Barron County Campus by the high school. Usually within three or four weeks the college will notify the student of his status. If accepted, he will receive health forms to be completed and returned to the university. He will also receive information about dates of summer orientation programs.

The student health record should be completed by the student's physician, who will return this form to the university Admissions Office. The completed health form must be received by the university before a student will be allowed to attend classes.

ADMISSION REQUIREMENTS

Students admitted to Barron County Campus, Stout State University consist of three groups:

1. Those who have graduated from an approved high school with a satisfactory record.
2. Those who have submitted evidence of studies pursued successfully in another institution of higher learning.
3. Those who qualify as adult special students.

HIGH SCHOOL GRADUATES

Entrance requirements for high school graduates are as follows:

1. Must have graduated from a legally established public or private high school with 16 units of work. (A unit represents a norm of five class periods per week in one field of study for a school year of 36 weeks.)
2. Must present a minimum of nine units of credit from the following fields: English and speech, foreign language, natural science, history and social science, and mathematics. (A minimum of three years of English is recommended.)
3. Must be recommended for admission to the university by the principal or counselor of the high school.

4. Must have completed the American College Test or a comparable test.

A **Wisconsin Resident Freshman** must meet all of the above requirements and rank at or above the 25th percentile [upper three-fourths] of his high school graduating class to be admitted in good standing. If ranked in the lower one-fourth of his class, an applicant will be admitted on probation [1] if his ACT composite standard score is 17 [SAT-750] or above, or [2] if he attends a university summer session and earns an over-all grade-point average of 1.5 or better on a 4.0 scale while carrying a minimum of six credits.

A **Non-Resident Freshman** must meet all four of the basic requirements and rank at or above the 60th percentile of his high school graduating class [upper 40 percent] to be admitted in good standing. If he ranks below the 60th percentile of his class, he may be admitted [in good standing, if above the 25th percentile; on probation, if below the 25th percentile] if his ACT composite standard score is 18 [SAT-800] or above. If he does not meet these requirements in rank or ACT, he may enroll for a university summer session to attempt to qualify for admission under the same conditions listed above for a Wisconsin resident.

TRANSFER STUDENTS

If a student has attended any other institution of higher learning, transcript of his record at that college should be filed with the admissions office at least a month prior to the opening of the session the student desires to enter. Such transcripts are in addition to the regular application for admission forms. College transcripts are required as evidence of good standing even if the student earned no credit or if he desires no transfer of credit. Failure to declare previous college attendance may result in loss of credit and suspension. Also required is a Personal Reference Request form from the Dean of Men or the Dean of Women at the college or University from which the applicant is transferring.

Students who are eligible to return to the college they last attended will be considered for admission to the Barron County Campus.

ADULT SPECIAL STUDENTS

Adults (over 21) may be admitted even though they have not completed high school if scholastic success and appropriateness of the offerings at the university are indicated by tests and interviews con-

ducted at the university. Those who expect to enter as adult specials should make arrangements with the Director of Admissions.

ADMISSION OF VETERANS

1. A veteran who is not a high school graduate may be admitted on the basis of results of the Armed Forces Institute Test or other tests required by the Admissions Office.

2. Veterans of World War II may be entitled to educational benefits under Public Laws 364, 815, and 550 and may obtain these benefits while pursuing a course of study at Barron County Campus, Stout State University. Veterans of the Korean conflict may be entitled to receive educational benefits under Public Law 550. Students enrolled under Public Law 550 must carry 12 semester hours of credit during each semester of the academic year to be eligible for full-time allotments.

Veterans who have served on active duty with the Armed Forces after January 31, 1956, may be entitled to benefits under the "Veteran Readjustment Benefits Act of 1966" which is P.L. 89-358.

3. Wisconsin veterans: A bill passed by the 1965 legislature permits the State Department of Veterans Affairs to pay tuition and book costs for a veteran studying part-time at a state university.

ACADEMIC REGULATIONS

CLASS ATTENDANCE REGULATIONS

All students are expected to attend all sessions of classes in which they are enrolled.

A student who misses class is responsible for contacting the professor upon his or her return and presenting the reason for the absence. The professor decides upon the legitimacy of the excuse and whether the student will be allowed to make up the class activities missed. Excessive absences, especially if these are affecting the quality of their work, are to be reported to the Associate Dean.

The student is to abide by any additional attendance regulations specified by their professors.

Students who are absent from classes for approved field trips or authorized extra-curricular activities on the regular approved calendar of university events will be reported by the Director of Student Activities at least 72 hours in advance of the absence.

CREDIT-HOUR LOAD

The maximum academic load is 17 semester hours. In unusual cases, the dean of the college may sanction loads of 18 or 19 hours providing the student has a grade point of 3.0, no incompletes, and other conditions make it advisable.

SCHOLARSHIP STANDARDS

Credit is expressed in semester hours. A credit of one semester hour represents the satisfactory completion of the work of one recitation a week for a period of one semester. A course having five recitations a week will therefore give five semester hours of credit. Two hours of laboratory work will count as one credit hour.

In order to receive a degree, the student not only must gain the required number of credits in the course which he is pursuing, but also must attain a certain standard of scholarship. This standard is fixed by grade points as credits. Grade points are earned as follows:

- A 4 grade points per semester hour credit—Excellent
- B 3 grade points per semester hour credit—Good
- C 2 grade points per semester hour credit—Average
- D 1 grade point per semester hour credit—Poor
- F 0 grade points per semester hour credit—Failure

A student's grade point average is computed by dividing the number of grade points earned by the number of credits attempted.

An *Incomplete* (I) is given only in cases where the student is unable to complete the assigned work for reasons beyond his or the instructor's control. To secure an incomplete, a student must have a passing grade in the course before the absence. A failure will be recorded if the incomplete is not removed during the following semester.

PROBATIONARY STATUS

A student will be placed on academic probation if he has achieved a cumulative grade point average less than:

1. 1.60 after his first semester
2. 1.80 after his second semester
3. 1.80 after his third semester
4. 2.00 after his fourth semester

A student placed on probation for the second consecutive semester will be suspended for low scholarship.

A suspended student may apply for re-admission after absence of one semester.

CHANGE IN CLASS SCHEDULE

Any student initiated change in class schedule must be completed within the first two weeks of a semester. The consent of the faculty members involved is required to complete the change of course. Only faculty initiated changes will be considered after the two-week period.

WITHDRAWALS FROM CLASS

As a general policy, students are expected to complete courses for which they enroll. However, if a student deems it necessary, after consultation with his instructor, to reduce his program, he may choose to withdraw from a course under specified conditions.

All withdrawals from a class or from the university must be made officially through the Office of the Associate Dean for Student Services.

Upon completion of the proper forms for withdrawal from a class, the students permanent record, from which transcripts are made, will be recorded as follows:

Withdrawal during the first two weeks—no entry of class will be made.

Withdrawal during the third through the twelfth week—"W"—withdrawn.

Withdrawal during the thirteenth and ensuing weeks—"F"—failure.

Failing grades are recorded for those who withdraw without making proper application.

COURSE NUMBER AND CREDITS

Course numbers indicate the year in which the course should be studied. Ordinarily Freshmen should enroll in courses numbered 100 to 199 only; Sophomores in those numbered 200 to 299. Consult prerequisite for each individual course.

REPEAT OF COURSES

A course taken at Barron County Campus may be repeated under the following conditions:

1. The course must be repeated at the earliest opportunity but no later than the next school year of attendance.
2. The course must be repeated before advanced work (i.e., those courses for which the repeated course is a prerequisite) is taken.
3. The last grade replaces the previous grade in computing grade-point averages.
4. A "Notice of Intention to Repeat a Course" form must be filed with the Registrar at the time of registration for the repeated course.

LATE REGISTRATION

A student may enroll late for a full load upon payment of a late registration fee if he receives approval in advance and registers within 1 week of the opening term. Any registration after one week of the semester must be sanctioned by the Associate Dean of Student Services and the maximum load reduced in accordance with the time of entrance. No registrations will be permitted after the second week of the semester in the academic year.

TRANSCRIPTS

Official transcripts of a student's record will be issued upon request without cost to the student or graduate. No transcript will be issued unless all financial obligations to the university have been paid and admission requirements met.

FINANCIAL INFORMATION

FEES*

Since the catalog must be prepared far in advance, all fees and other charges as stated in this catalog are subject to change without notice. Fees are payable registration day at the beginning of each semester either in full or according to an installment plan. Details of the installment plan are available through the Business Office. All students must pay a registration fee prior to registration. Resident students pay a \$20 fee and non-resident students pay a \$50 fee.

*Fees subject to change without notice.

SEMESTER FEE SCHEDULE*

	Credits	Incidental	Student Activities	Student Union	Textbook Rental
Full Time	12	\$182.00	\$28.50	\$14.00	\$15.00
Part Time	11	176.00	27.50	13.00	13.75
" "	10	160.00	25.00	12.00	12.50
" "	9	144.00	22.50	11.00	11.25
" "	8	128.00	20.00	10.00	10.00
" "	7	112.00	17.50	9.00	8.75
" "	6	96.00	15.00	8.00	7.50
" "	5	80.00	12.50	7.00	6.25
" "	4	64.00	10.00	6.00	5.00
" "	3	48.00	7.50	5.00	3.75
" "	2	32.00	5.00	4.00	2.50
" "	1	16.00	2.50	3.00	1.25

Manuals for laboratory courses are to be purchased by the student.
 Late Registration Fee\$10.00 (Non-Refundable)
 Applied Music Fee\$35.00 per credit (Non-Refundable)
 Non-residential tuitionadditional \$685.00 per semester

*Fees subject to change without notice.

REFUNDS

A. Withdrawal refunds will be given for academic fees and service fees based on the schedule below:

	Semester	Quarter	Summer	Extension
1st week of classes	100% less \$50	100% less \$35	100% less \$20	100%
2nd week of classes	80%	75%	75%	75%
3rd week of classes	60%	60%	-0-	-0-
4th week of classes	60%	-0-	-0-	-0-
5th week of classes	-0-	-0-	-0-	-0-

The non-refundable amount shown above for the first week of classes is for a full-time student. At any given time of withdrawal, the non-refundable amount will be not less than \$50 for semester students and \$35 for quarter students. Part-time students should also be assessed a non-refundable charge in proportion to their total credits carried.

B. Full refunds will be given for credit drops during the first two weeks of classes. Credit drops after the first two weeks will be non-refundable.

- C. Students who enter military service by enlistment, draft or otherwise, shall receive either a full refund of fees or receive course credits for the term.
- D. In determining withdrawal date, the Barron County Campus will use the date the student notifies the school of the withdrawal; or if the student fails to notify the school and is otherwise unable to verify the date of withdrawal, the date of the request to refund will be used to determine the amount of the refund.

FINANCIAL AID

Financial aid is available to qualified students in the form of State Scholarships, Federal Grants, Wisconsin State and National Defense Student Loans, Guaranteed Loans, and the Federal College Work Study Program.

Students receiving financial aid must be able to establish definite financial need. Parents are expected to aid students from income and assets insofar as they are able. In addition, students must meet specific scholastic and social requirements to be eligible for financial assistance.

Applications for financial aid are given consideration after students have been accepted for admission to the university. Applicants must have parents complete the Parents Confidential Statement of the College Scholarship Service.

Students making application as Wisconsin resident freshmen receive the necessary blanks from and make application through their high schools. The Parents Confidential Statement is due by February 15 and the basic application is due March 1.

Non-resident students, transfer students and upperclassmen may make application after January 1, after they have been accepted for admission. The necessary forms for application may be obtained from the Office of Financial Aid.

Students who have been accepted for admission who have submitted the financial aids application and Parents Confidential Statement will be advised concerning aid available to them.

Students establishing financial need and who otherwise qualify may be awarded financial aid from one or more of the following programs.

WISCONSIN STATE LEGISLATIVE SCHOLARSHIPS

The Wisconsin State Legislative Scholarship Program provides funds for selected incoming freshmen honor students, students in need

who possess qualities of leadership, and limited aid for nonresident and foreign students.

Honor Scholarships

Honor Scholarships are provided entering, full time Wisconsin resident students. The stipend of \$100 to \$800 will be issued students on the basis of established financial need. If no need exists, the student will receive \$100. All students selected to receive an honor scholarship must have their parents complete the College Scholarship Service Parent Confidential Statement. These students are selected from the top ten percent of the high school graduating class by a faculty committee. Schools enrolling fewer than 250 students will receive two scholarships, 250 to 750 students will receive four scholarships and schools of over 750 students will receive six scholarships.

Leadership and Need Scholarships

Leadership and Need Scholarships are provided for Wisconsin residents who have need and possess qualities of leadership. Students making application must also have parents complete the College Scholarship Service Parent Confidential Statement. The amount of stipend, as established by the University, may be from \$100 to \$800 but cannot exceed two-thirds of the student's established need.

Non-resident Scholarships are available to non-resident students who are in need and possess qualities of leadership. These scholarships are granted in amounts up to the amount charged for non-resident fees.

Foreign Scholarships are available to foreign students or students who are United States citizens, but who reside outside the continental United States. These scholarships are granted in the amount charged for non-resident fees and the incidental fees.

FEDERAL EDUCATIONAL OPPORTUNITY GRANTS

Federal Educational Opportunity Grants are being provided to help qualified students who establish extreme financial need and would be unable to obtain the benefit of higher education without such aid. The amount of these grants may not exceed \$1,000 and must be the lesser of \$1,000 or one-half the amount of the aid given a student in the form of loans, scholarship or employment. The duration period of this grant shall be the period required for completion of the recipient's undergraduate course not to exceed four years, providing the student continues to do satisfactory work as a full time student and continues to have financial need.

WISCONSIN STATE STUDENT LOAN PROGRAM

The Higher Educational Aids Board administers this loan program. Loans will be made to resident students attending state educational institutions of college rank, who have good academic records and are in financial need.

Loans to Wisconsin resident students may not exceed \$1,000 for an academic year and \$250 for a summer session. The total amount borrowed cannot exceed \$5,000 (Graduate student loans may not exceed \$1,500 per academic year and the total may not exceed \$7,500.)

Repayment of the loan commences nine months after the student ceases to be at least a half-time student. Borrowers may have up to ten years for repayment providing a minimum payment of \$30 is made monthly. No interest is charged while the borrower is in school if the effective family income is less than \$15,000 annually. During repayment the interest charge is 7% annually.

NATIONAL DEFENSE STUDENT LOAN

The National Defense Education Act of 1958 establishes at institutions of higher education National Defense Student Loan Funds for the purpose of making long-term, low-interest loans to qualified students in need of financial assistance to pursue courses of study at such institutions.

Loans are available to students who are in need, who are citizens of the United States or are in the United States for other than temporary purposes and meet other requirements of the institution or program.

Undergraduate loans may not exceed \$1,000 during an academic year and the total borrowed may not exceed \$5,000. (Graduate students may borrow up to \$2,500 per year, but priority is given to undergraduate borrowers.)

Repayment of the loan commences nine months after the student ceases to be at least a half-time student. Borrowers may have up to ten years to make repayment. No interest is charged while the borrower is a qualified student and 3% is charged during the repayment period.

An amount equal to 10% of the interest and principal may be cancelled yearly by those engaged in full time teaching in nonprofit schools. Up to 50% of the loan and interest may be cancelled in this

manner. Larger amounts may be cancelled if the teaching is done in certain designated depressed areas.

GUARANTEED LOAN PROGRAM

Guaranteed Loan funds are made available to student applicants through their banks, credit union, and savings and loan institutions. Interest on loans made to students from these agencies is paid by the federal government while the student is attending school and for nine months following termination of student status. The period of repayment may be extended to ten years, but a minimum of \$30.00 per month must be made by the borrower. The borrower pays 7% interest during repayment of the loan.

Applicants need not establish financial need to be eligible to participate in this program, but interest payment will not be made for the borrower unless the combined effective income of the family is less than \$15,000 annually.

Non-resident students who cannot qualify or cannot establish financial need for other financial aid programs are encouraged to investigate their home state program. Most states have their own Guaranteed Loan Programs. Applications are made by the applicants to their own State Board of Higher Educational Aids. Student status certification is provided by the Financial Aid Office.

Wisconsin students may borrow from the Wisconsin Guaranteed Loan Program, but such students are encouraged, if they feel they can establish need, to first make application for financial aid through the University Office of Financial Aid. These applicants will be given consideration for available gift funds. Students not able to establish financial need may then apply for guaranteed loan funds through private lending agencies.

COLLEGE STUDENT WORK-STUDY PLAN

The basic purpose of this program is to provide eligible qualified students from low-income families with part time jobs either on or off campus. Student eligibility was extended in 1965 to include all otherwise eligible students who are in need of the earnings from part time employment to pursue courses of study at institutions of higher education. However, preference for employment must still be given to students of low-income families with established financial need.

Students given work under the College Work-Study Program will be employed by various on-campus departments and some off-campus agencies.

All qualified work-study students may work up to a maximum of fifteen hours per week during regular semester and summer session while enrolled in classes. Students may work full time (forty hours per week) during vacation periods within these sessions and during summer if not enrolled in classes.

DESCRIPTION OF COURSES

ART

Art 101 Introduction to Art 3 cr.

The survey of famous paintings and styles from 1300, early Renaissance, to the present and laboratory experience in basic drawing elements such as perspective, color theory and composition in landscape and still life with a variety of media.

Art 121 Fundamentals of Design 3 cr.

Basic principles of harmony in design and color are applied through creative projects in two and three dimensional materials with awareness to contemporary design approaches. Media used are tempera/casein paints, construction paper, balsa wood and a variety of other media.

Art 151 Basic Drawing and Composition 3 cr.

Prerequisite: Art 101

Laboratory course with emphasis on the developing of drawing techniques and study of composition. Landscape, still life, and figure drawing as basic subject matter using pencil, pen and ink/wash, charcoal, and brush and ink.

Art 161 Watercolor Painting 3 cr.

Prerequisite: Art 151

Watercolor painting primarily of still life and landscape with opportunities for individuals to experiment in figure and abstract creations. Emphasis on individual expression.

Art 171 Renaissance Art History 3 cr.

Art in Western Europe from 1200 to 1800 with slides and commentary on the leading artists.

Art 181 Modern Art History 3 cr.

The history of art in Western Civilization from circa 1800 to the present day with slides and commentary on the leading artists.

Art 210 Oil Painting 3 cr.

Prerequisite: Art 151

First year oil painting. Explanation of equipment involved and demonstrations by the instructor. Still life and landscape studies with emphasis on development of students original statements.

BIOLOGY

Biology 105 General Zoology 5 cr.
A survey of the animal kingdom emphasizing the fundamentals of embryology, morphology, physiology and taxonomy as they apply to the various phyla. The related biological sciences of genetics, evolution and ecology are also introduced. 3 hrs. lecture, 4 hrs. lab per week.

Biology 106 Vertebrate Physiology & Anatomy 5 cr.
Prerequisite: Biology 105
A study of anatomical structures and physiological processes as they pertain to the higher vertebrates with special emphasis on man. 3 hrs. lecture, 4 hrs. lab per week.

Biology 111 General Botany 5 cr.
A survey of the plant kingdom with a study of the plant phyla and their evolutionary development. Taxonomic systems being used and plant physiology and morphology are introduced with special emphasis on the flowering plants. The laboratory work consists of studying representative species for each phyla with some use of standard laboratory equipment and techniques. 3 hrs. lecture, 4 hrs. lab per week.

Biology 112 Plant Ecology 5 cr.
Prerequisite: Biology 111
A study of the geographical and ecological distribution of plants with special emphasis on the flowering plants—particularly those found in the habitats of Northern Wisconsin. Labs will consist primarily of a look at the various habitats and the vascular plants found in them stressing the interrelationships of influencing factors. 3 hrs. lecture, 4 hrs. lab per week.

BUSINESS

Business 101 Fundamentals of Business 3 cr.
An introduction to the organization and operation of business enterprise; a survey of management finance, distribution, production, communication and other business activities.

Business 205 Elements of Accounting 4 cr.
The principles and foundations of accounting procedures, including the techniques of recording simple business transactions, closing the

books and preparing financial statements. Application of the above principles are developed as they apply to individual proprietorships, partnerships, and corporations.

Business 206 Elements of Accounting 4 cr.
Prerequisite: Business 205
Continuation of Business 205.

CHEMISTRY

Chemistry 101 Inorganic Chemistry 5 cr.
Basic principles of Inorganic Chemistry. Topics include the molecular concept; atomic and molecular structure; states of matter; stoichiometry; equilibrium; acids; bases; salts; oxidation reduction; periodic chart; bonding. Laboratory work is varied, with quantitative work wherever possible. 4 hrs. lecture, 3 hrs. lab per week.

Chemistry 102 Inorganic Chemistry 5 cr.
Prerequisite: Chemistry 101
Continuation of Chemistry 101. Topics include nuclear chemistry, organic chemistry, solutions. Approximately 10 weeks of laboratory time will be spent on qualitative analysis. 4 hrs. lecture, 3 hrs. lab per week.

Chemistry 201 Quantitative Analysis 4 cr.
Prerequisite: Chemistry 102
Principles of gravimetric, electrometric and volumetric analysis. A study of the methods used and the theories behind those methods. 2 hrs. lecture, 4 hrs. lab per week.

ECONOMICS

Mathematics 126 Introduction to Statistics 3 cr.
Prerequisite: Math 111 or Equivalent
Of particular value to majors in economics and business administration. Refer to Math Department for course description.

Economics 221 Principles of Economics I 3 cr.
Principles underlying economic activity and the economic institutions within economic units of function. National income, money and banking, business cycles, and Labor Management relations.

Economics 222 Principles of Economics II 3 cr.
 Prerequisite: Economics 221
 Demand and supply, competition and monopoly, international trade,
 and comparative economic systems.

EDUCATION

Education 120 Principles of Education 2 cr.
 Designed as an exploration of teaching as a career. Emphasizes the
 rewards of teaching and the unique crucial contributions of the
 teacher in a rapidly changing world.

ENGLISH

English 111 English Composition 3 cr.
 To improve writing skills which call for the effective setting forth of
 facts and ideas.

English 112 English Composition 3 cr.
 This course provides further practice in writing. An emphasis on
 understanding of the rhetorical aspects of language and the develop-
 ment of critical skill in reading with a unit on the history of language
 and linguistics.

English 201 American Literature 3 cr.
 Prerequisite: English 112
 A survey of the leading American writers and their impact on Ameri-
 can thought and culture from colonial days through the mid-nine-
 teenth century.

English 202 American Literature 3 cr.
 Prerequisite: English 112
 A continuation of English 201 from 1850 to modern times.

English 211 English Literature 3 cr.
 Prerequisite: English 112
 A historical and chronological study of the most representative works
 and writers of England from Beowulf to 1798.

English 212 English Literature 3 cr.
 Prerequisite: English 112
 A historical and chronological study of the most representative works
 and writers of England from 1798 to present.

English 251 Advanced Composition 3 cr.

Prerequisite: English 112

The application of the principles of effective writing, logic, and rhetoric to expository writing. Experience in critical analysis of professional and student writing.

FOREIGN LANGUAGE

French 101 Elementary French 4 cr.

Foundation course in conversational French stressing the aural-oral approach and complemented with reading and writing skills. Firm base in grammar and syntax. No prerequisite. Two hours a week of laboratory exercises and drills required.

French 102 Elementary French 4 cr.

Prerequisite: French 101 or 1 year high school French

A continuation of French 101. Two hours a week of laboratory exercises and drills required.

French 201 Intermediate French 3 cr.

Prerequisite: French 102 or 2 years high school French

Review of basic French. Advanced grammar and syntax. Reading, oral, and written reports in French. Group conversations. Two hours a week of laboratory exercises and drills required.

French 202 Intermediate French 3 cr.

Prerequisite: French 201 or 3 years of high school French

A continuation of French 201. Two hours a week of laboratory exercises and drills required.

Spanish 101 Elementary Spanish 4 cr.

An introduction to the sound system of Spanish. Reading, writing, composition, and special emphasis on conversation. Structural grammar drills. Two hours a week of laboratory exercises and drills required.

Spanish 102 Elementary Spanish 4 cr.

Prerequisite: Spanish 101 or 1 year of high school Spanish

A continuation of Spanish 101. Increased emphasis on reading and writing. Two hours a week of laboratory exercises and drills required.

Spanish 201 Intermediate Spanish 3 cr.

Prerequisite: Spanish 102 or 2 years of high school Spanish

Introduction to important writers of Spain and Spanish America.

Oral and written reports in Spanish. Continued emphasis on conversational practice. Review of basic grammar and syntax. Two hours a week of laboratory exercises and drills required.

Spanish 202 Intermediate Spanish 3 cr.

Prerequisite: Spanish 201 or 3 years of high school Spanish

Study of the works of important Spanish and Spanish-American authors. Oral and written reports in Spanish. Continued emphasis on conversational practice. Two hours a week of laboratory exercises and drills required.

GEOGRAPHY

Geography 101 Physical Geography 3 cr.

A study of earth's physical factors and their distribution throughout the world. This study considers weather, climate, land forms, natural resources, earth materials and map projection.

Geography 102 Cultural Geography 3 cr.

The world considered as an interrelated cultural sphere with special emphasis being placed on the development of contrasts and similarities between places on the face of the earth.

Geography 103 Weather and Climate 5 cr.

An introduction to the elements of weather and climate, to include earth-sun relationships, wind, humidity, fronts, storms, and an analysis of the climates of the world, three hours lecture, four hours laboratory. Not to be taken with Geography 101.

Geography 104 Physiography 5 cr.

A descriptive interpretation of landforms, minerals, and other earth features, soils, formation and distribution of features, with emphasis on understanding the interrelationship and significance of these; three hours lecture, four hours laboratory; field trips.

NOTE: Geography 103 and 104 are primarily for those who are interested in geography as their laboratory science. The courses may be taken in either order.

Geography 201 Economic Geography I 3 cr.

A study of the world as a market place. Consideration will be given to world markets, productions, industries, commerce, and resources. To be conducted on an area study basis.

- Geography 210 Anglo-American Geography 3 cr.
Regional study of the United States and Canada, their characteristics and the significance of these features.
- Geography 250 Conservation of Natural Resources 3 cr.
A survey of natural resources with emphasis on the development of the proper public attitude toward the wise use of our natural resources.

HISTORY

- History 101 History of Western Civilization 3 cr.
Survey of western civilization from ancient time through the reformation emphasizing the distinctive features of western culture.
- History 102 History of Western Civilization 3 cr.
Prerequisite: History 101, or consent of instructor
Survey of western civilization from the reformation to the present emphasizing the distinctive features of western culture.
- History 111 History of the United States 3 cr.
A study of the political, economic, and social and diplomatic factors affecting the nation from its beginning to 1865.
- History 112 History of the United States 3 cr.
Prerequisite: History 111, or consent of instructor
A study of the political, economic, and social and diplomatic factors affecting the nation from its beginning to 1865.
- History 201 English History 3 cr.
A history of English civilization from the earliest times to 1660 emphasizing the political, social, economic, and diplomatic development of the nation.
- History 202 English History 3 cr.
A history of English civilization from 1660 to present emphasizing the political, social, economic, and diplomatic development of the nation.

JOURNALISM

- Journalism 111 News Writing 3 cr.
Development of basic news reporting and writing techniques with concentration on the role of the daily newspaper in society. Two hours a week will be devoted to classroom lecture and discussion, and one hour to a practical work situation.

MATHEMATICS

Mathematics 100 Fundamentals of Algebra 0 cr.
A beginning course in algebra covering formulas, equations, algebraic operations, fractions, linear and quadratic equations, ratios and proportions, and an introduction to trigonometric functions.

Mathematics 101 Introduction to Computer Science 2 cr.
Computer programming for general utilization using FORTRAN with an emphasis on problem solving.

Mathematics 111 College Algebra 4 cr.
Properties of the real numbers—linear and quadratic equations and inequalities, the complex number system, exponents and logarithms and functional notation.

Mathematics 120 Math for Elementary Teachers 4 cr.
Elementary set theory, whole number system, theory of addition, multiplication, subtraction, and division, introduction to logic, history of numeration systems, elementary algorithms, and introduction to number theory.

Mathematics 126 Introduction to Statistics 3 cr.
A pre-calculus course in elementary statistics with emphasis on computational skills. Includes measures of central tendency, measures of variability, grouped data, the normal distribution, central limit theorem, hypothesis testing, estimation, t distribution, chi square test, the F distribution, correlation, linear regression and nonparametric statistical tests.

Mathematic Drawing 131 Engineering Drawing 3 cr.
Basic freehand and mechanical drafting techniques and use of standard drafting equipment. Study of orthographic projection techniques including auxiliary views, sections and conventions, and dimensioning procedures as prescribed by American Standard Association and Military Standards. Description of fasteners and other fabrication devices. Emphasis placed on use of engineering standards manuals, freehand pictorial representation.

Mathematic Drawing 132 Descriptive Geometry 3 cr.
Prerequisite: Mathematic Drawing 131
The presentations of points, lines, and planes in relative position. Intersections of lines with plane surfaces, intersections of surfaces,

size and shape of plane areas, and the development of curved surfaces.

Mathematics 151 Intermediate Algebra and Trigonometry 4 cr.
Prerequisite: Mathematics 111 or 3 years high school Mathematics
Sets, proof, algebraic techniques, inequalities, functions and their graphs, extensive coverage of trigonometric functions, linear and quadratic functions, permutations, combinations, the binomial theorem, and mathematical induction.

Mathematics 160 Slide Rule 1 cr.
Practice with log-log duplex slide rule: Powers, roots, trigonometric functions, logarithms, negative exponents, reciprocals, hyperbolic functions, ratio and proportion. The course is designed for students interested in using the slide rule for mathematics, physics, chemistry and business.

Mathematics 199 Calculus and Analytic Geometry 5 cr.
Prerequisite: Mathematics 151 or 4 years high school Mathematics
Analytic geometry, functions, limits and continuity, the derivative, techniques of differentiation of algebraic functions, applications of differentiation, and a preview of integral calculus.

Mathematics 200 Calculus and Analytic Geometry 5 cr.
Prerequisite: Mathematics 199
The definite integral, applications of integral calculus, logarithmic and exponential functions, trigonometric functions, techniques of integration, polar coordinates and the conic sections.

Mathematics 201 Calculus and Analytic Geometry 5 cr.
Prerequisite: Mathematics 200
Vectors, hyperbolic functions, indeterminate forms, improper integrals, solid analytic geometry, functions of several variables, multiple integration, infinite series, and partial differentiation.

Mathematics 202 Linear Algebra 3 cr.
Prerequisite: Mathematics 199
A study of geometrical vectors in two and three dimensions, matrices and linear equations, vector spaces and linear transformations.

MUSIC

Music 105 Music Appreciation 3 cr.
Non-technical, planned for the enjoyment and enrichment of cultural background. Offers an opportunity to become acquainted with works

of many composers and aims to give a basis for more intelligent and enjoyable listening.

Music 106 Introduction to Music 3 cr.
Primarily for elementary education majors. Fundamentals of Music. Basic vocabulary of music terms, symbols, elements needed for music reading, use of voice, keyboard instruments, song flute, and autoharp.

Music 115 University Choir 1 cr.
Advanced choral techniques, reading, and analysis of choral music of all types and periods. Some work with instrumental accompaniment.

Music 116 University Band 1 cr.
Membership is open to all students who meet the required standard of proficiency.

Music 120 Applied Music (Private Lessons) 1-2 cr.

120a Flute	123b Viola
120b Oboe	123c Cello
120c Clarinet	123d String Bass
120d Bassoon	124a Trumpet
120e Saxophone	124b French Horn
121a Percussion	124c Trombone
122a Piano	124d Baritone
122b Organ	124e Tuba
123a Violin	125a Voice

One or two thirty minute applied lessons per week.

Music 140 Instrumental Techniques—Brass & Percussion 2 cr.
Cornet or trumpet and French horn. The various percussion instruments, with particular emphasis on the snare drum.

Music 141 Instrumental Techniques—Brass & Percussion 2 cr.
Prerequisite: Music 140
Trombone, baritone and tuba. A continuation of various percussion instruments, with particular emphasis on the snare drum.

Music 150 Instrumental Techniques—Woodwinds 2 cr.
The clarinet and saxophone.

Music 151 Instrumental Techniques—Woodwinds 2 cr.
The flute, oboe and bassoon.

Note: The technique classes serve general purposes. In a sense they are applied music, but they are also methods classes in that they

aim to acquaint the student with a variety of up-to-date materials from publishers and stress methods of presentation. All technique classes meet two hours per week and require a minimum of three hours of practice per week.

Music 155 Class Piano 2 cr.
Designed to meet the needs of students with no previous knowledge of piano. Provides a minimum background for theoretical courses.

Music 160 Music Theory I 4 cr.
Basic notation; intervals; scales and modes; rhythm; contrapuntal harmony, written and keyboard; sight singing and ear training; selected music for harmonic and form analysis.

Music 161 Music Theory II 4 cr.
Prerequisite: Music 160
A continuation of Music 160 with the addition of secondary seventh chords, ornamental tones, and secondary dominants, melodic and harmonic dictation from the piano, sight-singing of unison and part material and the use of of more advanced harmonic material at the keyboard.

Music 250 Music Literature I 2 cr.
Study of music history and literature from the ancient world through the Baroque period. Emphasis on style; required listening. Primarily for music majors and minors.

Music 251 Music Literature II 2 cr.
Prerequisite: Music 250
A continuation of Music 250 with concentration on classical, romantic and modern periods of music.

Music 262 Music Theory III 4 cr.
Prerequisite: Music 161
Adds to the student's vocabulary non-dominant harmony, altered chords the Neopolitan sixth, and augmented sixth. Modulation to remote keys, melodic and harmonic dictation from the piano, and sight-singing and keyboard experience with more difficult materials.

Music 263 Counterpoint 3 cr.
Prerequisite: Music 262
Counterpoint in two, three, and four voices, based on eighteenth century techniques.

NATURAL SCIENCE

Natural Science III Physical Science 3 cr.

Prerequisite: High school algebra.

Material presented is physics of motion, i.e., constant velocity, accelerated motion, projectile motion and circular motion, astronomy of Aristotle, Copernicus, Galileo, Brake and Depler—Newton's Laws of Motion and Universal Gravitation—Conservation Laws and Waves.

Natural Science 112 Physical Science 3 cr.

A survey of chemistry and geology with about half the semester spent on each subject. Laboratory work is demonstration by students and instructor.

Natural Science 114 Biological Science 3 cr.

A survey course of the biological science with emphasis on history, cell structure and function, biological terminology, the Kingdom Protista and various plant phyla, their identifying characteristics and economic importance.

Natural Science 115 Biological Science 3 cr.

Emphasis on selected animal phyla, their characteristics and economic importance; and a brief look at the areas of genetics, evolution, and ecology.

PHILOSOPHY

Philosophy 101 3 cr.

An introduction to the fundamental problems of philosophy with reference to the leading figures and schools in the history of philosophy.

PHYSICAL EDUCATION

Physical Education 101 Physical Education for Men 1 cr.

One year or two credits are required of all men. Participation in college physical fitness tests, individual, dual and team sports and the development of a physical fitness program by the individual to fit his personal needs are basic to the course. The following activities are offered: physical fitness testing, physical fitness exercises, softball, touch football, archery, bowling, basketball, volleyball, badminton, golf, and gymnastics.

Physical Education 102 Physical Education for Men 1 cr.
A continuation of 101. The following activities are offered: volleyball, badminton, trampoline, golf, softball, track, and physical fitness exercises and testing.

Physical Education 103 Physical Education for Women 1 cr.
One year or two credits are required of all women students. Participation in college physical fitness tests, individual, dual and team sports, and the development of a physical fitness program by the individual student to fit her personal needs are basic to the course. The following activities are offered: physical fitness testing, physical fitness exercises, softball, soccer, speedball, archery, bowling, and basketball.

Physical Education 104 Physical Education for Women 1 cr.
A continuation of 103. The following activities are offered: volleyball, badminton, trampoline, apparatus, tumbling, golf, softball, track, and physical fitness exercises and testing.

Physical Education 110 Personal Health 2 cr.
A review of personal, mental and community health. Time is also allocated for the practical application of health activities and skills including first aid and emergency health care.

PHYSICS

Physics 199 General Physics 4 cr.
Mechanics, heat and the principles of thermodynamics will be covered in this semester. Laboratory experiments, demonstrations, and problems included. Student must be concurrently registered in Math 199. Three lectures and one lab per week.

Physics 200 General Physics 4 cr.
Prerequisite: Physics 199
Continuation of principles of thermodynamics, simple harmonic motion, waves, and electricity and magnetism. Laboratory experiments, demonstrations and problems included. Student must be concurrently registered in Math 200. Three lectures and one lab per week.

Physics 201 General Physics 4 cr.
Prerequisite: Physics 200
Continuation of electromagnetic waves to include theory of atomic and nuclear physics. Laboratory experiments, demonstrations, and

problems included. Student must be concurrently registered in Math 201. Three lectures and one lab per week.

Physics 290 Aspects of Modern Physics 3 cr.
Subjects covered will be Einstein's special theory of relativity, red and blue Doppler shift as related to special relativity. Heisenberg's uncertainty principle and experiments which demonstrate its consequences, quantum idea and effects (photoelectric emission, absorption and emission of light by atoms, electron interference, etc.). Student must be concurrently enrolled in General Physics 201. Three lectures per week.

POLITICAL SCIENCE

Political Science 101 American Government 3 cr.
A study of the origin, development, and functions of National Government. Emphasis is on constitutional processes and on the interaction of the three branches of government.

Political Science 150 State and Local Government 3 cr.
Prerequisite: Political Science 101
A broad consideration of the origin, function and roles of state and local governments and their contrasts and similarities. Special emphasis is placed on Wisconsin for reference purposes.

PSYCHOLOGY

Psychology 101 General Psychology 3 cr.
Designed to orient the student to the field of Psychology. Its emphasis is upon objective methods of investigation. An attempt is made to give the student a broad overview of the following areas of psychology: experimental, counseling, educational, social, personality, and abnormal.

Psychology 251 Educational Psychology 3 cr.
Prerequisite: Psychology 101
An introduction to the science of child behavior and adolescent development. Emphasis is placed upon a critical review of theories and research in human growth and development and child psychology and their relation to education and the learning processes.

SOCIOLOGY

Sociology 101 Introduction of Sociology 3 cr.
An introductory analysis and description of the structure and dyna-

mics of human society as developed through the study of social structure, intergroup relations, cultural and personality factors, social stratification and social change.

Sociology 220 Contemporary Social Problems 3 cr.
prerequisite: Sociology 101

A survey of the sociological aspects of chief social problems including crime and delinquency, physical and mental disorder, unemployment, divorce and racial prejudice.

SPEECH

Speech 106 Fundamentals of Speech 2 cr.
Study of the principles and techniques of effective speech and an application of these fundamentals in a variety of selected speech experiences.

Speech 111 Forensics Activity 1 cr.
Active participation in intercollegiate forensics activities, including oral interpretation, oratory, extemporaneous speaking, after-dinner speaking, debate, discussion, and preparation of special speech programs.

Speech 151 Advanced Fundamentals of Speech 2 cr.
Prerequisite: Speech 106
Advanced study in the theory and techniques of speech including special speech experiences including the study of parliamentary procedure.

Speech 110 Drama Activity 1 cr.
Active participation in theatrical productions by acting or serving on stage crews, including scenery, lighting, costuming, properties, make-up and business.

Speech 130 Stagecraft 3 cr.
An introduction to the various elements of the theater including the materials and methods of scenery construction, painting, design of stage scenery and stage lighting. Laboratory experience will be provided through theater productions.

Speech 131 Advanced Stagecraft 3 cr.
Prerequisite: Speech 130
Advanced techniques of stagecraft emphasizing set design, scene painting, basic costuming and make-up along with the theory of stage lighting. Laboratory experience will be provided through theater productions.

BARRON COUNTY CAMPUS
STOUT STATE UNIVERSITY
Rice Lake, Wisconsin

BARRON COUNTY CAMPUS CALENDAR

Regular Session 1971-72

FIRST SEMESTER

Registration	Wednesday, August 25
Registration	Thursday, August 26
Orientation for New Students	Friday, August 27
Classes Convene	Monday, August 30
Midsemester (End of First Nine Weeks) ..	Friday, October 22
End of Twelfth Week (Last Day to Drop Classes)	Friday, November 12
Thanksgiving Vacation Begins at 11:30 a.m.	Wednesday, November 24
Classes Resume	Monday, November 29
Last Day of Classes	Friday, December 17
Final Exams	Monday, December 20
Final Exams	Tuesday, December 21
Final Exams	Wednesday, December 22
Final Exams	Thursday, December 23

SECOND SEMESTER

Registration	Wednesday, January 12
Registration	Thursday, January 13
Classes Convene	Monday, January 17
End of First Nine Weeks	Friday, March 17
Spring Recess Begins at 5:00 p.m.	Friday, March 24
Classes Resume	Tuesday, April 4
Last Day of Classes	Thursday, May 11
Final Exams	Friday, May 12
Final Exams	Monday, May 15
Final Exams	Tuesday, May 16
Final Exams	Wednesday, May 17