

*The Bulletin of the*  
UNIVERSITY of MINNESOTA

General Information  
1948-1949

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## WHAT IS A UNIVERSITY?

What appears to be the simplest kind of question proves often to be exceedingly difficult to answer. Try, for example, to formulate a good reply to the question, "What is a university?"

To you, a student about to begin his course at the University of Minnesota, the answer to that question is important.

There is a common tendency to appraise universities in terms of size. Yet the fact that the University of Minnesota now has over 28,000 students, will probably not drop below an enrolment of 22,000 in our lifetime, and is expected to climb to new heights of about 30,000 in fifteen years, tells nothing about the inner realities of the institution itself.

Nor does any description of the physical plant reveal what a university must do to be worthy of the name. Buildings are tremendously important, but only as means to an end.

Money likewise is essential in the operation of a university, and the people of Minnesota have over the years manifested their faith in this institution by generous financial support. Yet a university cannot be described meaningfully in terms of a budget.

Organization, too, is a requirement, but blueprints outlining relationships between regents, administrative officers, faculty, civil service staff, and students indicate little of what it is that makes a university pulse with life and vitality.

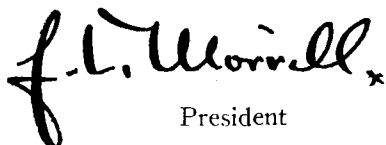
All attempts to answer the question, "What is a university?" in material terms get nowhere, because the answer can be determined only by finding out what a university *does*.

A university, worthy of the name, performs four major functions: teaching, research, public service, and cultural leadership. Through teaching it provides instruction adapted to the wide range of needs and interests of its students. Through scholarship and research it seeks to expand the frontiers of knowledge for the betterment of men everywhere. Through public service it seeks to help the citizens who support it, to apply tested knowledge to problems that confront them. Through cultural leadership it makes available opportunities to hear fine music, to enjoy good theater, to see great works of art, and to listen to inspiring and informative lectures.

It is the successful performance of these four functions that makes a university. It is in their performance that a university reaches out to touch people far beyond the confines of the campus.

The University of Minnesota is a great university, because it teaches successfully thousands of students like yourselves; because its scholars and scientists are constantly uncovering new truths through research; because it offers a multitude of services to the people of this state and region; and because it is a powerful influence in uplifting men's minds and spirits through its cultural leadership.

May you as students, and later as members of the alumni group, be worthy of the opportunities the University of Minnesota has afforded you. May the University itself, in performing its essential functions, ever be worthy of the great responsibility imposed by the people of this state.

A handwritten signature in cursive script, reading "F. L. Morrell", with a small asterisk at the end of the name.

President

## UNIVERSITY CALENDAR 1948-49

1948

### *Fall Quarter*

August 2-September 24			Entrance Tests. <sup>1</sup> Fall Registration <sup>2</sup> : Dates for the various colleges will be announced in the press and in mailed instructions. Students are urged to register early. It is expected that all students who can do so will register before September 1
September	13	Monday	Extension registration, first semester, begins
September	16	Thursday	Fall quarter fees due for students registered through September 10
September	20-24		New student week; program of orientation. Details will be announced in instructions issued at registration. All new students are expected to attend
September	24	Friday	Last day for registration <sup>2</sup> and payment of fees for the undergraduate colleges
September	25	Saturday	Last day for extension registration
September	27	Monday	Fall quarter classes begin 8:00 a.m. <sup>3</sup> First semester extension classes begin <sup>4</sup>
September	30	Thursday	Opening convocation, 11:00 a.m. New students excused from IV hour classes to attend
October	1	Friday	Last day for registration and payment of fees for the Graduate School, and for teachers in service
October	12	Tuesday	Columbus Day; holiday (except extension)
October	30	Saturday	Homecoming Day
November	6	Saturday	Dads Day
November	11	Thursday	Armistice Day; holiday (except extension)
November	18	Thursday	Senate meeting, 3:00 p.m.
November	25	Thursday	Thanksgiving Day; holiday
December	10-11 and 13-16		Final examination period
December	16	Thursday	Commencement, 8:00 p.m.
December	18	Saturday	Fall quarter closes <sup>5</sup>

### *Winter Quarter*

December	23	Thursday	Winter quarter fees due for students in residence fall quarter in undergraduate colleges
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1949

January	3-4	Monday, Tuesday	Entrance tests. <sup>1</sup> Registration <sup>2</sup> for all new students not already registered. Registration and payment of fees for new students in all undergraduate colleges close
January	4	Tuesday	Winter quarter classes begin 8:00 a.m. <sup>3</sup>
January	7	Friday	Last day for registration and payment of fees for the Graduate School, and for teachers in service
January	24	Monday	Extension registration, second semester begins
February	4	Friday	First semester extension classes close
February	5	Saturday	Last day for extension registration

February	7	Monday	Second semester extension classes begin <sup>4</sup>
February	12	Saturday	Lincoln's Birthday; holiday
February	13-19		University of Minnesota Week
February	17	Thursday	Charter Day. Senate meeting, 3:00 p.m.
February	22	Tuesday	Washington's Birthday; holiday (except extension)
March	11-12 and 14-17		Final examination period
March	17	Thursday	Spring quarter fees due for students in residence winter quarter in undergraduate colleges. Commencement, 8:00 p.m.
March	19	Saturday	Winter quarter closes

*Spring Quarter*

March	25, 28	Friday, Monday	Entrance tests. <sup>1</sup> Registration <sup>2</sup> for all new students not already registered Registration and payment of fees for new students in all undergraduate colleges close
March	28	Monday	Spring quarter classes begin 8:00 a.m. <sup>3</sup>
April	1	Friday	Last day for registration and payment of fees for the Graduate School, and for teachers in service
April	15	Friday	Good Friday; holiday (except extension)
May	12	Thursday	Cap and Gown Day Convocation, 11:00 a.m. Graduating students excused from IV hour classes to attend.
May	14	Saturday	Mothers Day
May	19	Thursday	Senate meeting, 3:00 p.m.
May	30	Monday	Memorial Day; holiday (except extension)
June	3	Friday	Second semester extension classes close
June	5	Sunday	Baccalaureate service, 11:00 a.m.
June	4 and 6-10		Final examination period
June	11	Saturday	Spring quarter closes. Commencement, 8:00 p.m.

*Summer Session*

June	13, 14	Monday, Tuesday	Registration <sup>2</sup> for new students not already registered. First term fees due for students in all colleges
June	15	Wednesday	First term Summer Session classes begin 8:00 a.m. <sup>5</sup>
July	4	Monday	Independence Day; holiday
July	21	Thursday	Commencement, 8:00 p.m.
July	23	Saturday	First term closes
July	25	Monday	Registration <sup>2</sup> for new students not already registered. Second term fees due for students in all colleges
July	26	Tuesday	Second term classes begin 8:00 a.m. <sup>5</sup>
August	25	Thursday	Commencement, 8:00 p.m.
August	27	Saturday	Second term closes

<sup>1</sup> Applicants are urged to take entrance tests one to two months in advance of the quarter for which admission is desired. Tests may be taken at the Student Counseling Bureau, 101 Eddy Hall.

<sup>2</sup> Registration subsequent to the date specified will necessitate the approval of the college concerned. See privilege fees for late registration or late payment of fees, page 42 in this bulletin and in the *Summer Session Bulletin*.

<sup>3</sup> First hour classes begin at 7:45 a.m. at St. Paul Campus.

<sup>4</sup> This date does not refer to correspondence study courses, which may be started at any time during the year.

<sup>5</sup> Extension classes resume Monday, January 3.

## UNIVERSITY OF MINNESOTA

The University of Minnesota offers collegiate instruction on campuses at Minneapolis, St. Paul, and Duluth. The central administration of the University is at the Minneapolis Campus, as are the majority of the colleges. The College of Agriculture, Forestry, and Home Economics is at the St. Paul Campus; the Duluth Branch of the University is at the Duluth Campus. Persons interested in attending the Duluth Branch should secure an additional bulletin from, and should make application to, the University of Minnesota, Duluth Branch, Duluth 5, Minnesota.

### INFORMATION FOR MEN AND WOMEN WITH MILITARY SERVICE RECORDS

#### APPLICATION FOR SERVICE—CONNECTED CREDIT

**Application for credit for educational achievement during military service—**Veterans of World War II should submit a certified copy of W.D., A.G.O. Form 100, Separation Qualification Record, or Notice of Separation from the U. S. Naval Service, NavPers 553; or U.S.M.C. Report of Separation; or Notice of Separation from the U. S. Naval Service—Coast Guard, 553. In the case of Naval commissioned or warrant officers, the Officer's Qualification Record Jacket (NavPers 305), a certified copy thereof, or a statement from the Bureau of Naval Personnel covering the data desired should be submitted. These papers are in addition to any required by the Veterans Administration or for any other purpose, and must remain permanently on file in the Office of Admissions and Records.

For amount of credit allowed for various types of training completed, see Admission with Advanced Standing, page 15.

#### ADMISSION PROCEDURE FOR VETERANS

Application for admission may be made either in person or by mail. Application blanks are available at the Office of Admissions and Records. **IMPORTANT: Application for admission, and high school, ASTP, V-12, Armed Forces Institute, and previous college records must be filed with the Office of Admissions and Records.**

**Non-high school graduates—**Veterans who left high school before graduation may be considered for admission by examination. Application for admission and test authorization forms may be obtained from the Office of Admissions and Records. The high school equivalence certificate will be accepted in lieu of high school graduation for admission to the General College. Non-high school graduates who are admitted may receive advanced standing to the extent that educational experience in the armed forces has been the equivalent of unduplicated acceptable college courses.

**High school graduates** who meet the requirements for admission either by certificate or examination may receive advanced standing to the extent that educational experience in the armed forces has been the equivalent of college courses, in the judgment of the faculty concerned.

**Students previously enrolled** may be considered for advanced standing resulting from educational experience in the Armed Forces to the extent that work completed is applicable to the curriculum followed, providing such work does not duplicate courses

already credited. Write to the Office of Admissions and Records for application for re-admission.

**Applicants from other colleges and universities**—Veterans who have attended other colleges or universities, who desire to transfer to the University of Minnesota should file an official transcript of record from the institution attended (if less than one year of college work was completed or university grade work was done while in military service, a high school record should also be submitted). Write to the Office of Admissions and Records for application for admission with advanced standing.

## REGISTRATION PROCEDURE FOR VETERANS

For students under Public Laws 16 and 346, the Veterans Administration authorizes state universities and other public colleges and universities to collect tuition based on a teaching cost formula or on a schedule equivalent to the nonresident fee. The Veterans Administration, at present, is compensating the University of Minnesota on the latter basis. On either basis the Veterans Administration may not pay tuition, book, and supply costs in excess of \$500 per normal academic year, for any one student, prorated \$166 a quarter, fall, winter, and spring, or \$83 for each of the two terms of the Summer Session.

### PROCEDURE

Upon arriving at the Minneapolis Campus of the University, report to the Office of the University Bureau of Veterans' Affairs, Shevlin Hall, for general instruction and information. Bring your letter of eligibility for training obtained from the Veterans Administration. If enrolling in the College of Agriculture, Forestry, and Home Economics report to 207 Administration Building, St. Paul Campus.

1. **Register** in the same manner as all other students in your college and obtain statement of fees.
2. **Present fee statement and Veterans Administration authorization for training to Trainee Account Clerk**, Window 18, Office of Admissions and Records, to have statement approved for collection from Veterans Administration. If you are enrolling in the College of Agriculture, Forestry, and Home Economics, present fee statement to Office of Admissions and Records, 203d Administration Building, St. Paul Campus. The Veterans Administration will not pay the \$5 matriculation deposit required of new students. Veterans will be required to pay this fee personally.
3. **Obtain fee receipt from Bursar**. Turn in your approved fee statement to the Bursar, who will give you a receipt showing that your fees are being paid by the Veterans Administration. If you are enrolling in the College of Agriculture, Forestry, and Home Economics, turn in your approved fee statement to the Cashier, 203b Administration Building, St. Paul Campus, who will give you a receipt showing your fees are being paid by the Veterans Administration.
4. **Present fee receipt and list of courses, signed by your adviser, to Bureau of Veterans' Affairs, Shevlin Hall**, to obtain purchase voucher on the basis of which books and supplies may be obtained from one of the university bookstores. **Veterans enrolled in the College of Agriculture, Forestry, and Home Economics should present fee receipt and signed list of courses at 207 Administration Building, St. Paul Campus**. Required books and supplies, including chemistry deposit cards and rental cards for lockers and microscopes are issued on the basis of these vouchers. Each department in the University prepares lists of requirements for each course and approval is based on these lists.
5. **Cancellation of Registration**. Veterans who discontinue attendance must immediately notify the Office of Admissions and Records; University Bureau of Veterans' Affairs, Shevlin Hall; or 207 Administration Building, St. Paul Campus (Agriculture, Forestry, and Home Economics students).

## COUNSELING FACILITIES FOR VETERANS

The University, in recognition of the particular problems which many veterans have in becoming adjusted to student life, has established special facilities for the counseling of veterans. The University of Minnesota Bureau of Veterans' Affairs, a department of the Office of the Dean of Students, assists prospective student veterans in securing adequate information concerning registration. Additional help is extended to enrolled veterans in obtaining advice and counseling on all matters. This service is supplementary to the existing facilities provided by the various colleges of the University and other counseling bureaus. All facilities for this work are coordinated by the University's Committee on the Coordination of Advisory Services for Veterans.

Through the Bureau of Veterans' Affairs, referral is made to various faculty members and to such agencies as the Student Counseling Bureau (see University Services to Students, page 34), Speech Clinic, Students' Health Service, Student Activities Bureau, Educational Skills Clinic, Student Union, and others. A close liaison is maintained by this Bureau with the Veterans Administration.

All veterans should make their initial contact with the University through the University Bureau of Veterans' Affairs, 13 Shevlin Hall.

## NON-UNIVERSITY VETERANS' FACILITIES

**Veterans Administration**—The Veterans Administration has been designated by the government as the authorizing agency for training under the Servicemen's Readjustment Act, Public Law 346 (G.I. Bill), and under the Vocational Rehabilitation Act for veterans with service-connected disabilities, Public Law 16 (Rehabilitation Training Program). Veterans approved for training under either act will be provided books, supplies, tuition fees, and allowance for maintenance paid by the government. Application may be made to the Veterans Administration, 1006 West Lake Street, Minneapolis 8, Minnesota (Telephone: Main 7151). Necessary forms and information, however, may be obtained at the University Bureau of Veterans' Affairs.

**Department of Veterans Affairs**—Shubert Building, 488 Wabasha Street, St. Paul (Telephone: Nestor 2771), is the official agency for administration of the State Rehabilitation Law. Veterans who are legal residents of Minnesota should investigate the provisions of this state law for emergency aid and educational rehabilitation.

**Veterans Information and Referral Service**—414 South 8th Street, Minneapolis (Telephone: Atlantic 4344), is a cooperative venture of several federal, state, and Minneapolis agencies. Counseling and information are provided by trained interviewers. First copies of discharge papers are duplicated without charge; additional copies or duplicates of other important documents are obtainable at a nominal fee. This office is prepared to furnish advice and aid to veterans requesting assistance in housing. Veterans are also given aid in filling out application forms and other papers.



## ADMISSION

### I. Admission to Undergraduate Colleges

#### NONRESIDENTS

By action of the Board of Regents, taken because of the present educational emergency, admission of nonresidents to the regular session is restricted, subject to the following exceptions: Persons whose homes are in Montana, North Dakota, South Dakota, Iowa, Wisconsin, and upper Michigan and who are in the top 25 per cent of their high school graduating classes, or who have an average of "B" or better if they are applying for admission with advanced standing, may be considered. Sons and daughters of former students are also eligible for consideration. Well-qualified students from all states are considered for admission to the various curricula in nursing. Other exceptions have been established covering a few individual circumstances. It is under all of these rulings that each individual application is reviewed. Any person who considers himself to be a resident of the state of Minnesota, but whose residence status for university purposes may be in doubt, is invited to present his case on the "Application for Resident Classification" form.

#### A. APPLICATION PROCEDURE

All inquiries, credentials, and applications for admission to the undergraduate colleges should be addressed to the Office of Admissions and Records, University of Minnesota, Minneapolis 14, St. Paul 1, or Duluth 5, Minnesota, depending on the college to which the applicant seeks admission. Application blanks may be obtained at any Minnesota high school or from the Office of Admissions and Records of the University.

An admission certificate will be mailed to each applicant who has met the requirements. Students entering from other colleges or universities will also receive a statement of advanced standing. Instructions for registration will either be enclosed with the admission certificate or will be mailed later—usually a month or more before the opening of the quarter. Students must present their admission certificates when they report for registration.

#### B. TIME OF ENTRANCE

The university year is divided into four quarters. The fall, winter, and spring quarters make up the college year from September to June. The fourth quarter includes two summer terms.

Following are the registration dates:

##### *Summer quarter, 1948*

Registration .....	June 14-15
Classes begin .....	June 16

##### *Fall quarter, 1948*

Registration .....	August 2-September 24
Classes begin .....	September 27

##### *Winter quarter, 1949*

Registration .....	January 3-4
Classes begin .....	January 4

##### *Spring quarter, 1949*

Registration .....	March 25, 28
Classes begin .....	March 28

Admission to the following schools and colleges, unless otherwise provided, requires two or more years of preprofessional work as indicated, either at the University of Minnesota or at some other recognized college or university. The content of the preprofessional course is listed in the bulletin of the college offering the work. This bulletin should be obtained from the Office of Admissions and Records. On entering the University, the applicant is required to meet the admission requirements of the college in which the preprofessional work is to be taken.

**Professional School****Preprofessional Course**

Law School	Two years in Science, Literature, and the Arts
Medical School	Three or more years in Science, Literature, and the Arts
School of Nursing	Five quarters in Science, Literature, and the Arts
School of Dentistry	Two years in Science, Literature, and the Arts
College of Education	Two years in Science, Literature, and the Arts; or in Agriculture, or in Home Economics; or in the General College; or five quarters in Science, Literature, and the Arts and ten quarters in the School of Nursing. Exceptions are the special four-year courses of study in Art Education, Industrial Education, Kindergarten and Primary Education, Music Education, and Physical Education to which qualified students are accepted by the College of Education directly from high school.
School of Business Administration	Two years in Science, Literature, and the Arts; or in Agriculture, Forestry, and Home Economics; or in the Institute of Technology

**ALL FALL QUARTER NEW STUDENTS, INCLUDING FRESHMEN, ARE URGED TO ATTEND DURING NEW STUDENT WEEK, SEPTEMBER 20-24.**

The University recognizes the need of giving newcomers an introduction to the academic and social world which they are entering. The week before the opening of fall quarter classes is set aside as a general orientation period known as New Student Week. Altho the program is concerned primarily with the problems of those who are entering as freshmen, newly entering, advanced standing students will also find much of interest and are invited to attend.

**C. REQUIREMENTS FOR ADMISSION****1. ADMISSION BY EXAMINATION***a. High School Graduates*

High school graduates, regardless of subject-matter pattern in high school, may be considered for admission by examination. These examinations are of the objective type, intended to measure aptitudes for college work rather than specific information in high school fields. No special preparation for the tests is practicable.

*b. Non-High School Graduates*

With the concurrence of the Minnesota Council of School Executives and the Minnesota High School Principals Association, provision has been made to consider for admission, high school age non-high school graduates who show evidence of sufficient maturity to adjust to university life and achieve satisfactorily in the college of their choice. Any such person may be considered for admission by examination with decision based on test results, high school records, and student maturity and best interests in admission before the normal time. Judgments are obtained from the high school principal, the parents, the

all-university counselor, the dean of the college, and the dean of Admissions and Records. In cases where opinion differs, the dean of the college may request a decision from the Board of Admissions.

Students desiring to apply for admission to the University before graduation from high school should arrange to come to the campus for a period of two or three days for testing and counseling several weeks in advance of the quarter they desire to enter. At that time application for admission, including high school credits and grades, and letters of recommendation from the school principal and parents should be on file with the Office of Admissions and Records and tests should have been authorized.

## 2. ADMISSION FROM HIGH SCHOOL ON CERTIFICATE BASIS

Applicants must be graduates of an accredited high school and must satisfy the scholarship and subject-matter requirements of the college of their choice to be admitted. The requirements for admission to the various colleges follow.

### *a. Definitions*

In listing the requirements, reference is made to admissions groups, units, majors and minors.

#### 1. Admissions groups referred to include:

Group A: English

Group B: Foreign Languages (major or minor must be in one language)

Group C: History and Social Sciences (major must include at least 2 units in History; a minor, at least 1 unit in History)

Group D: Mathematics

Group E: Natural Sciences (for major or minor in this group, not more than 2 half-unit courses may be included)

Group F: Vocational and Miscellaneous Subjects

2. A unit means a one-year high school subject taken in Grades X, XI, and XII (senior high school).

3. A major means at least 3 units in one admission group.

4. A minor means at least 2 units in one admission group.

5. From either Admission Group B (foreign languages) or Admission Group D (mathematics), *but not from both* one unit completed in Grade IX may be used toward a major or a minor. If this is done, however, the unit completed in Grade IX may not be counted as part of the minimum of twelve units required from Grades X, XI, and XII nor as part of the units specified in Groups A through E.

### *b. Requirements*

#### **College of Science, Literature, and the Arts—**

1. Applicants for admission to this college by certificate who are in the top 10 per cent of their high school class will be admitted regardless of the pattern of their high school subjects. Such students must meet the regular prerequisites for college subjects they may wish to take.

2. Other applicants for admission by certificate must have a college aptitude rating of at least 40 (the college aptitude rating is the average of the student's percentile rank in his high school graduating class and his percentile rank on the college aptitude test) and present the following pattern of subjects:

a. At least 12 units must have been completed in Grades X, XI, and XII (senior high school) including at least 9 units in standard subjects (Groups A through E).

b. Either 1 major and 2 minors or preferably 2 majors and 1 minor must be presented including:

A major in Group A, English

A major or a minor in Group D, Mathematics

**Institute of Technology—**

1. Applicants must have been in the upper 50 per cent of their high school graduating class. Others will be given individual consideration for admission.

2. At least 12 units must have been completed in Grades X, XI, and XII (senior high school) including at least 9 units in standard subjects (Groups A through E).

3. Either 1 major and 2 minors or preferably 2 majors and 1 minor must be presented including:

A major or a minor in Group A, English

A major in Group D, Mathematics including Higher Algebra and Solid Geometry

Students will be accepted without higher algebra or solid geometry (not without both). Such students must register for and complete during their first quarter the course lacking. No university credit is given for either of these courses.

**College of Agriculture, Forestry, and Home Economics (St. Paul Campus)**

**Agriculture**—Applicants who are in the upper 25 per cent of their high school graduating class may be admitted regardless of subjects taken in high school. It is nevertheless recommended that such students select high school courses to conform as nearly as possible with requirements for other students listed below.

1. Other applicants for this college must be in the upper 75 per cent of their high school graduating class and must have completed at least 12 units in Grades X, XI, and XII (senior high school) including at least 9 units in standard subjects (Groups A through E). Eight units in standard subjects will be accepted provided 1 unit of senior high school agriculture is presented in Group F. Applicants who do not meet these requirements may be considered on the basis of testing and referral to college authorities.

2. Either 1 major and 2 minors or preferably 2 majors and 1 minor must be presented including:

A major or a minor in Group A, English

A major or a minor in Group D, Mathematics, *or* one unit in Group D provided the student registers in one of the following curricula: Technical Agriculture, Agricultural Education, Agricultural Extension, and Agricultural Business Administration, and takes Higher Algebra in the freshman or sophomore year in college.

One unit in Group E *or* one unit in senior high school agriculture.

**Forestry**—Applicants who are in the upper 25 per cent of their high school graduating class may be admitted regardless of subjects taken in high school. It is nevertheless recommended that such students select high school courses to conform as nearly as possible with requirements for other students listed below.

1. Other applicants for this college must be in the upper 75 per cent of their high school graduating class and must have completed at least 12 units in Grades X, XI, and XII (senior high school) including at least 9 units in standard subjects (Groups A through E). Applicants who do not meet these requirements may be considered on the basis of testing and referral to college authorities.

2. Either 1 major and 2 minors or preferably 2 majors and 1 minor must be presented including:

A major or a minor in Group A, English

A major or a minor in Group D, Mathematics

One unit in Group E

**Home Economics**—Applicants who are in the upper 25 per cent of their high school graduating class may be admitted regardless of subjects taken in high school. It is nevertheless recommended that such students select high school courses to conform as nearly as possible with requirements for other students listed on next page.

1. Other applicants for this college must be in the upper 75 per cent of their high school graduating class and must have completed at least 12 units in Grades X, XI, and XII (senior high school) including at least 9 units in standard subjects (Groups A through E). Eight units in standard subjects will be accepted providing 1 unit of senior high school home economics is presented in Group F. Applicants who do not meet these requirements may be considered on the basis of testing and referral to college authorities.

2. Either 1 major and 2 minors or preferably 2 majors and 1 minor must be presented including:

A major or a minor in Group A, English

#### **College of Education—**

1. Applicants for admission as freshmen in one of the specialized curricula in Art Education, Elementary Education, Industrial Education, Music Education, Nursery School-Kindergarten and Primary Education, Physical Education, and Recreational Leadership must possess a high school percentile rank of 40 or above in their graduating class.

2. Students will be admitted to the College of Education without reference to high school pattern, high school graduation only being a requirement.

3. Applicants for teacher training in fields other than the foregoing must meet requirements for admission to the College of Science, Literature, and the Arts where they will be registered during the first two years of the curriculum.

Applicants who do not meet fully the stated requirements may be referred to the admissions committee of the college for consideration on an individual basis.

Admission with advanced standing in any curriculum in the College of Education requires a C+ (1.5 grade points) average in courses of the major, as listed in the College of Education Bulletin, and an over-all C average.

**General College—**There are no special requirements for admission to the General College. All graduates of accredited high schools who are residents of the state of Minnesota may be admitted without examination.

#### **Duluth Branch—**

1. Applicants for admission to the various preprofessional curricula leading to the B.A. or B.S. degree must have a college aptitude rating of at least 40. Exceptions are listed in (2) following. (The college aptitude rating is the average of the student's percentile rank in his high school graduating class and his percentile rank on the college aptitude test.)

Altho no specific pattern of high school subjects is required, it is necessary that prerequisites for specific curricula either be achieved in high school or made up during the first year in the University.

2. Applicants for admission to the four-year curricula leading to the B.A. or the B.S. degree in art, industrial education, home economics, music, and physical education must have a college aptitude rating of at least 25. The same admission level applies to applicants to the two-year teacher-training curriculum.

#### **School of Nursing—**

1. Basic Professional Curricula. Applicants for admission as freshmen in the degree curriculum in professional nursing must meet the entrance requirements of the College of Science, Literature, and the Arts. Applicants who have completed satisfactorily any portion of the prenursing program in an approved college or university register in the prenursing program in the College of Science, Literature, and the Arts; applicants who

have completed satisfactorily the entire prenursing program in an approved college or university are admitted directly to the School of Nursing.

2. Certificate Curriculum in Practical Nursing. Applicants for the certificate curriculum in practical nursing are admitted at the beginning of the summer and winter quarters. They must be high school graduates and should be between 18 and 35 years of age. Those over 35 years of age will be considered on an individual basis. They may be either married or single. They will register in the School of Nursing.

3. Applicants already holding college degrees, registered professional nurses, or advanced students interested in combination programs of study are referred to related material under Courses and Degrees, page 22.

### College of Pharmacy—

1. Applicants for this college must have a college aptitude rating of 40 or better to be admitted unconditionally. Others will be given individual consideration and may be permitted to take special tests to qualify for admission. The college aptitude rating is the average of the student's rank in his high school graduating class and his rank on the college aptitude test. High school graduates in the upper 10 per cent of their class who have had 2 units of mathematics are admitted without examination.

2. At least 12 units must have been completed in Grades X, XI, and XII (senior high school) including at least 9 units in standard subjects (Groups A through E).

3. Either 1 major and 2 minors or preferably 2 majors and 1 minor must be presented including:

A major in Group A, English

A major or a minor in Group D, Mathematics, including 1 unit of algebra and 1 unit of plane geometry.

In order to maintain instruction at the necessary professional level, the existing educational emergency has made it imperative to restrict admissions to the sophomore year in the College of Pharmacy. Students interested in entering the sophomore year of this college the fall quarter, 1948, should apply for admission not later than May 15, 1948. Applications should be accompanied by an official transcript of the student's record up to the date upon which the application is filed.\* These applications will be reviewed subsequent to that date and those accepted will be notified on or before August 1. All applicants with honor point ratios of 1.5 (C+) or above, meeting all prerequisites will be assured of admission to the sophomore year. Those students with less than 1.5 (C+) will be considered individually. Those found ineligible will be notified as soon as possible after May 15 with the exception that all will be advised not later than August 1.

Students who will have completed only two quarters of work by the end of the spring quarter and who expect to complete their work in the 1948 Summer Session, should apply prior to May 15 for admission to the sophomore class beginning the fall quarter. In such cases final action upon their applications will be deferred pending examination of the quality of their Summer Session work.

Application forms for present pharmacy freshmen at the University of Minnesota may be obtained at the college office (WuH101). Other students in the University may obtain forms for change of college at Window 16, Office of Admissions and Records. Students enrolled under the joint registration plan or those requesting admission with advanced standing from other institutions may obtain the necessary application forms from the Office of Admissions and Records, University of Minnesota, Minneapolis 14.

\* A complete official transcript must be submitted when current work is completed.

**Course for Dental Hygienists—**

1. Applicants for this course must have a college aptitude rating of 40 or better to be admitted directly. The college aptitude rating is the average of the student's rank in his high school graduating class and his rank on the college aptitude test. Applicants are selected on the basis of scholarship, character, and general fitness. High school graduates in the upper 10 per cent of their class are admitted without examination.

2. At least 12 units must have been completed in Grades X, XI, and XII (senior high school) including at least 9 units in standard subjects (Groups A through E).

3. Either 1 major and 2 minors or preferably 2 majors and 1 minor must be presented including:

A major in Group A, English

**3. ADMISSION WITH ADVANCED STANDING**

Students who have completed one year or more of satisfactory work at another college or university of recognized standing may be admitted with advanced standing. Students who have completed less than a year of college work and those who present military service records as the only evidence of post-high school study, must meet the requirements for admission from high school, and must submit high school credits and official college transcripts or military service records.

No applicant may disregard any part of his collegiate record, not even college work done while in the armed services, nor apply at the freshman level without filing official transcripts of previous work.

Applications for advanced standing should be made, if possible, at least two months before the quarter for which admission is desired. Application blanks may be obtained from the Office of Admissions and Records.

Advanced standing is allowed to the extent that courses completed are acceptable in the curriculum and college entered. The certified record of courses taken in other institutions, including those in ASTP, V-12, and other Armed Forces College Training Programs must be on the official transcript blank of the institution concerned and should include, or be accompanied by, a statement of honorable dismissal from the institution last attended. Students who have attended more than one institution must submit an official transcript of record from each.

As of the present, and subject to change, credit may be allowed for educational achievement during military service as follows:

1. **Basic or boot training**—Upon receipt of certification (see under "Application for credit for educational achievement during military service," page 6) of completion of basic or boot training in the Armed Forces, credit will be allowed as follows provided such work does not duplicate courses already credited, and consistent with normal practices of the college entered.

Basic Military or Naval Science	6 credits
Physical Education	2 credits

2. **Advanced military training**—Students who present evidence of having attained a commission of flight officer, second lieutenant or higher, in the Army or Army Air Forces, will be allowed up to 18 credits in Advanced Military Science provided such work does not duplicate courses already credited.

3. **Formal service courses and schools**—Upon receipt of certification, academic credit as recommended by the American Council on Education, Guide to the Evaluation of Educational Experience in the Armed Services, will be allowed for Armed Services Formal Service Courses and Schools for enlisted men, officers, and officer candidates.

4. **U.S.A.F.I correspondence courses**—Upon receipt of official certification from the Armed Forces Institute, Madison 3, Wisconsin, credit as recommended by the Ameri-

can Council on Education, Guide to the Evaluation of Educational Experience in the Armed Services, will be allowed for Armed Forces Institute college level correspondence courses on the basis of end-of-course test and/or subject examination.

5. **College or university correspondence courses**—Upon receipt of official transcript of record from the institution from which the correspondence course was taken (the procedure by which civilian course credit is transferred), credit will be allowed for college level correspondence courses. This applies to colleges and universities cooperating with the Armed Forces Institute and to institutions approved by the National University Extension Association.

6. **Credit for ASTP, V-12, and other programs conducted on college campuses**—Upon receipt of official transcript of record from the institution where course was taken (the procedure by which civilian course credit is transferred) credit will be allowed on the same basis as approved for similar courses offered at the University of Minnesota. Credit will be allowed to the extent that work completed is applicable to the curriculum to be followed provided such work does not duplicate courses already credited.

7. **Credit for other educational experiences**—On the basis of tests (such as the General Educational Development tests) or through advanced standing examinations taken with approval of the Advanced Standing Committee of the college concerned, credit will be allowed for other educational experience such as independent or group study, or information acquired through travel, to the extent that it is demonstrated that the equivalent of courses, not already credited, has been completed. Where credit is allowed via G.E.D. tests, scores must be on file not later than the close of the second week of the student's first term in the particular college granting credit.

Each application for admission to a senior professional school or college from a non-resident of Minnesota should be accompanied by a \$5 credential examination fee. Senior professional schools are Medical School, School of Dentistry, Law School, College of Education, except courses admitting freshmen, and School of Business Administration. Remittance should be in the form of check, bank draft, or money order, payable to the University of Minnesota. Please do not send cash.

Candidates wishing to gain advanced standing by examination are allowed examinations without charge, provided they are taken within six weeks after admission dates.

#### 4. ADMISSION IN ADULT SPECIAL STATUS

Persons of mature age and experience (generally 24 years of age or older) who desire a specific and limited course of study and who are not at present candidates for an undergraduate degree, may upon approval of the dean of the college concerned be admitted as adult special students. An adult special student may not become a candidate for a degree without the approval of the college concerned, nor will advanced standing be allowed while the student is in the adult special classification. This status is not intended to set aside residency requirements.

## II. Admission to the Graduate School

Any student with a Bachelor's degree or its equivalent from a recognized college or university may apply to the dean of the Graduate School for admission. An applicant of high scholastic record whose Bachelor's degree was granted by an institution on the list of colleges and universities approved by the Association of American Universities may be admitted, with the approval of the major department concerned, for graduate work involving a major in that department, provided that the department has the facilities necessary for the acceptance of additional graduate students.

College graduates who simply desire to take additional work of undergraduate char-



acter without a view to ultimate preparation for an advanced degree should not apply to the Graduate School but should seek admission in the college giving the work by communicating with the Office of Admissions and Records.

All inquiries concerning admission to the Graduate School should be addressed to the dean of that school. Applications for admission must be accompanied by official transcripts in duplicate of undergraduate work and single official transcripts of any graduate work that may have been taken. Applications should be sent to the dean of the Graduate School at least four weeks before matriculation. Later application may result in postponement of matriculation to a subsequent quarter.

### III. Transfer within the University

Any present student transferring between colleges of the University must meet pertinent requirements of the new college. Such transfers are made through the transfer bureau of the Office of Admissions and Records. That bureau will facilitate the necessary faculty and record clearances, appointments for counseling, and re-evaluation of academic credits. Every veteran drawing government educational benefits should make the necessary contacts with the University Bureau of Veterans' Affairs on his present campus, prior to coming to the Office of Admissions and Records.

A student interested in transferring between colleges of the University should apply for transfer as early as possible in the term preceding that in which he plans to schedule his first program in the new college.

## COURSES AND DEGREES

A full outline of each of the courses of study together with descriptions of the subject-matter courses which they include will be found in the announcement of the college or school in which the course of study is offered. These announcements may be obtained by addressing the Office of Admissions and Records, University of Minnesota, Minneapolis 14, Minnesota.

### Courses Open to Freshmen

#### COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

The College of Science, Literature, and the Arts is the basic unit of the University for offering a liberal education. By a judicious selection of courses, a student may strengthen his understanding of the natural and social world and may develop new interests to enrich his personal life. At the same time he may specialize in a particular field to be completed in this college or some other professional school. In determining the most appropriate courses, the student may use the college counseling service as well as the all-university personnel services described on page 34. The various avenues of specialization are listed below.

1. **The four-year course leading to the degree of bachelor of arts**—Fields of specialization include: American Studies, Anthropology, Architecture, Area Studies, Astronomy, Bacteriology, Biostatistics, Botany, Chemistry, Classics, Economics, English, Fine Arts, Geography, Geology and Mineralogy, German, History, Humanities, Journalism, Linguistics and Comparative Philology, Library Training,\* Mathematics, Music, Philosophy, Physics, Physiology, Political Science, Psychology, Romance Languages, Sociology and Social Work, Speech, Speech Pathology, Public Health, Theological Training (preparation for), Zoology.

2. **Specialized curricula of five or more years**—The following specialized curricula are offered in the College of Science, Literature, and the Arts:

**Public Administration**—A six-year course leading to the degree of bachelor of arts or bachelor of science and the degree of master of arts in public administration.

**Diplomatic and Consular Service**—A five-year course leading to the degree of bachelor of arts and the degree of master of arts.

**Social Work**—A six-year course leading to the degree of bachelor of arts, a special certificate, and the degree of master of arts.

**Library Instruction**—A five-year course leading to the degree of bachelor of science in library science.

3. **Combined arts and professional courses**—

**Arts and Medicine**—An eight-year course leading to the degrees of bachelor of arts and doctor of medicine.

**Arts and Law**—A seven-year course leading to the degrees of bachelor of arts and bachelor of laws.

**Arts and Dentistry**—A seven-year course leading to the degrees of bachelor of arts and doctor of dental surgery.

**Arts and Dental Hygiene**—A four-year course leading to the degrees of graduate dental hygienist and bachelor of arts.

**Arts and Architecture**—A six-year course in Arts and Architecture leading to the degrees of bachelor of arts and bachelor of architecture.

\* For the four-year course in Library Training, the degree awarded is bachelor of science.

4. **Preprofessional training**—In this college is given also the academic work required for admission to the Medical School, Law School, School of Dentistry, School of Business Administration, and College of Education; and also the courses preliminary to (1) nursing education and public health nursing in the College of Education and in the Medical School, and (2) training for medical technologists in the Medical School.

5. **A two-year course leading to the degree of associate in liberal arts**—This two-year course is (1) for those who know in advance that they will be in college for only two years; (2) for those who begin college as candidates for a degree in a four-year or longer course of study and find out later that they want formal recognition for the completion of a shorter course. The course of study is elective under certain broad limitations. With the aid and approval of their adviser, students may choose their courses from the many subjects of study offered by the college to freshmen and sophomores. The only specific requirements are these: (1) normally the work must be completed in six or seven quarters of residence; (2) the student must meet requirements in English and in at least two of these three groups of subjects: foreign languages, social sciences, and natural sciences.

### INSTITUTE OF TECHNOLOGY

The Institute of Technology embraces the College of Engineering and Architecture, the School of Chemistry, and the School of Mines and Metallurgy.

The College of Engineering and Architecture offers professional courses of study in: Aeronautical, Civil, Electrical, and Mechanical Engineering; Engineering Prebusiness, Engineering combined with Business Administration, and Architecture. Agricultural Engineering is offered in co-operation with the College of Agriculture, Forestry, and Home Economics. The School of Chemistry offers professional courses of study in Chemistry, Chemical Engineering, and Physics; Chemistry or Chemical Engineering and Business Administration.

The School of Mines and Metallurgy offers professional courses of study in Mining Engineering, Geological Engineering, Petroleum Engineering, and Metallurgical Engineering.

**Five-year curricula**—All students entering the Institute of Technology for the first time after October, 1946, except veterans, are required to take one of the following five-year curricula:

(1) The five-year course in the various departments of engineering, including subjects in humanities, economics, and social sciences, leading to the degree of bachelor of engineering. (2) The five-year combination of engineering and business administration leading to the two degrees of bachelor of engineering and bachelor of business administration. Application for this course must be made by petition to the committee in charge within the first ten days of the third quarter of the freshman year. A minimum honor point ratio of 1.5 must be maintained in each field, that is, engineering and business, throughout the course. (3) The regular five-year course in Architecture leading to the degree of bachelor of architecture.

All students who are not veterans of World War II who entered the Institute of Technology in the fall quarter of 1946 or later and all veterans who entered the winter quarter of 1948 or later as beginning freshmen are required to complete one of the five-year curricula as published in the *Bulletin of the Institute of Technology*. All students entering with advanced standing from other colleges will be subject to the above rules relative to the time of entrance as beginning freshmen into the college from which they are transferring.

Students transferring with advanced standing from other colleges who are classified as sophomores will not be allowed to enter the four-year curriculum (except prebusiness

engineering) after the fall quarter of 1948; those classified as juniors after the fall quarter of 1949; those classified as seniors after the fall quarter of 1950, except by action of the faculty.

### COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

The College of Agriculture, Forestry, and Home Economics offers (a) a preprofessional curriculum in veterinary medicine, (b) four-year courses in the fields of agriculture, forestry, and home economics leading to the bachelor of science or equivalent degree, (c) a four-year professional curriculum in veterinary medicine leading to the D.V.M. degree, (d) fifth-year course leading to professional degrees, and (e) five-year curricula.

#### ALL-COLLEGE

##### *Four-Year Curricula*

**Food Technology**

**Fish and Wildlife Management**

**Science Specialization**

#### AGRICULTURE

##### *Preprofessional Curriculum*

**Pre-Veterinary Medicine**

##### *Four-Year Curricula*

**Technical Agriculture** (including a pre-theological "major" in Agriculture)

**Agricultural Education**

**Agricultural Journalism**

**Agricultural Extension**

**Agricultural Engineering (professional)**

**Agricultural Business Administration**

**Rural Education**

##### *Fifth Year Leading to a Professional Degree*

**Agricultural Education** (with the College of Education)—leading to the master of education degree.

**Agricultural Technology**—leading to the degree of agricultural technologist

##### *Five-Year Curriculum*

**Agricultural Engineering Business Administration** (with Institute of Technology and School of Business Administration)—leading to degrees both of bachelor of agricultural engineering and bachelor of business administration.

#### FORESTRY

##### *Four-Year Curricula*

**Forestry—Forest Management**

**Lumber Merchandising and Construction**

**Forestry—Range Management**

**Wood Technology**

**Forestry—Wildlife Management**

##### *Fifth Year Leading to the Master of Forestry Degree*

**Forestry—Forest Management**

**Forestry—Wildlife Management**

**Forestry—Range Management**

#### HOME ECONOMICS

##### *Four-Year Curricula*

**General Home Economics**

**Dietetics**

**Home Economics Education**

**Home Economics in Business** (foods, textiles and clothing, related art)

**Institution Management** (cafeteria, tea room, restaurant)  
**Home Economics and Nursery School Education**  
**Home Economics Extension**  
**Preparation for Research in (a) Experimental Foods, (b) Nutrition, (c) Textiles and Clothing**

*Five-Year Curriculum*

**Home Economics Education**—leading to the degree of master of education.

VETERINARY MEDICINE

Four-year professional curriculum leading to the degree of doctor of veterinary medicine.

COLLEGE OF EDUCATION

The satisfactory completion of a four-year course as outlined in the *College of Education Bulletin* leads to the bachelor of science degree and to a certificate for school work from the Minnesota State Department of Education.

Some of the courses of study prepare the student for high school teaching in an academic subject, such as English, Latin, French, German, history, mathematics, and Spanish, or in one of the special subjects such as agriculture, art, business education, home economics, industrial arts, physical education, health subjects, or music. Some courses of study are outlined not for a one-subject major but for a broad field of specialization, such as natural science, or social studies including history. Other courses of study entitle the graduate to the kindergarten-primary certificate, or to the elementary school or junior high school certificate, with preparation for positions in nursery schools, kindergartens, elementary schools, and junior high schools. There are also four- or five-year courses of study for school librarians, for teachers of handicapped children, for teachers of speech correction, and for those interested in public school health work, public health nursing, nursing education, or recreational leadership.

There are, in addition, five-year courses of study offered by the College of Education leading to the master of education degree in physical education for men, physical education for women, art education, music education, industrial education, home economics education, agricultural education, rural education, English education, natural sciences, and social studies.

GENERAL COLLEGE

The General College is a new departure in education. Basically it provides a two-year curriculum of general education leading to the degree of associate in arts. A broad program of courses is available from which the individual student, under guidance, plans his own curriculum. General education aims essentially to produce well-rounded individuals who will be able to meet and understand the variety of common activities and problems encountered in the business of earning a living, as a member of a home and family group, as an individual consciously or unconsciously seeking numerous personal values, and as a citizen of a community, a state, a nation, and a world.

Altho the primary purpose of courses in the General College is to provide a broad and basic general education, some of the courses, in combination with those selected from other departments, provide a good preparation for certain occupational areas which do not necessarily require professional training.

The two-year degree, associate in arts, is granted upon the passing of 90 academic credits plus three quarters of physical education and satisfactory performance on a general comprehensive examination covering the major areas of the general education program. Eligibility for transfer to other colleges is determined by the scope and quality of

work done in the General College. The evaluation of credits accepted for transfer is in the hands of the college to which transfer is requested.

Provision is made for the counseling and guidance of individual students as this is needed in connection with personal, educational, or vocational problems. A carefully developed testing program aids in determining individual needs, interests, and abilities. The satisfaction of these, through a carefully planned program of courses and extra-curricular activities, is worked out with college counselors and program advisers. The counselors and instructors of the General College are available at all times to help students with their many problems and questions, in order that their university study may be made interesting, valuable, and meaningful.

### DULUTH BRANCH

**Four-year Curricula**—A student at the Duluth Branch may pursue a four-year program leading to the bachelor of science or bachelor of arts degree. Major fields for four-year curricula include: art, biology, business and economics, chemistry, English, French, geography, German, history, home economics, industrial education, mathematics, music, physics, physical and health education, social studies, and speech.

**Two-year Curricula**—A student at the Duluth Branch may pursue a two-year curriculum of general education leading to the degree of associate in arts. The program of courses has been developed by a staff committee representing the divisions of Language and Literature, Science and Mathematics, Social Studies, Health and Physical Education, Fine and Applied Arts, and Education and Psychology. Specific courses are chosen through conference between each student and his adviser.

**Preprofessional Courses**—The Duluth Branch offers preprofessional courses in agriculture, business, dentistry, engineering, forestry, journalism, law, medicine, medical technology, nursing, and social work. These courses are planned to coordinate with professional work offered by most universities and meet the specific requirements of the professional schools and colleges of this University.

### SCHOOL OF NURSING

**Basic Professional Curriculum in Nursing**—All students who wish to enroll in the basic professional curriculum in nursing must acquire at least 75 credits of pre-nursing courses from an accredited college or university. For admission requirements to pre-nursing, see page 11. See also page 13, under "Courses Not Open to Freshmen."

**Certificate Curriculum in Practical Nursing**—The School of Nursing offers a four-quarter program leading to a certificate in practical nursing. The purpose of the program is to prepare the student to give needed nonprofessional nursing service in general hospitals, both urban and rural, hospitals for the mentally ill and for the chronically ill, public health agencies, and homes.

### COLLEGE OF PHARMACY

The College of Pharmacy offers one undergraduate course of four years' duration leading to the degree of bachelor of science in pharmacy. This course includes one year of work in certain subjects in the College of Science, Literature, and the Arts, or other colleges of equal standing.

The College of Pharmacy and the School of Business Administration offer an optional combined course in Pharmacy and Business Administration leading to the degrees, bachelor of science in pharmacy and bachelor of business administration. This course is open to students who can present evidence of better than average ability. It is estimated

that between five and six academic years will be necessary to complete the work of this course.

### COURSE FOR DENTAL HYGIENISTS

The Course for Dental Hygienists is offered by the School of Dentistry. Admission is based upon the completion of a four-year high school course or its equivalent. It offers to young women a two-year university course leading to the degree of graduate dental hygienist.

After graduation a dental hygienist secures a license to practice by passing the State Board of Dental Examination required by the state in which she desires to locate.

### CREATIVE ARTS

Courses in the practical arts—painting, drawing, sculpture, architecture, industrial and related arts—as well as their history and theory are given by several different colleges of the University. These may be taken for general educational purposes to broaden the student's background and experience in the cultural fields, as well as for direct vocational training in one or more of these arts.

The professional training of architects is provided by various curricula in the School of Architecture. Practical studio courses for the training of painters and sculptors may be had in the Department of Art in the College of Science, Literature, and the Arts, as well as in the General College. The Department of Art in the College of Science, Literature, and the Arts also provides training in Art History for teachers, museum and library workers, as well as curricula in the areas of design, textiles, ceramics, and general crafts. The professional training of teachers of art is provided for by the Department of Art Education. Practical and theoretical work in the arts of the home—home furnishing, clothing, and textiles—is offered by the Division of Home Economics.

### RADIO WORK

A student may undertake training for radio work at the University of Minnesota by any one of four main avenues (advisers in the several divisions offering radio courses will aid him in planning his program) :

1. By a major in the Department of Speech, College of Science, Literature, and the Arts, if he is interested principally in radio announcing, acting and production, radio speech, and the writing of dramatic scripts.
2. By a major in the School of Journalism, College of Science, Literature, and the Arts, if his interest is in the writing and presentation of radio news, radio advertising, radio script and continuity writing, or in radio salesmanship.
3. By a major in the College of Education if his interest is principally in the school use of radio.
4. By a major in the Institute of Technology if his interest is principally in radio engineering.

### SPEECH PATHOLOGY

Students interested in becoming speech correctionists in public schools, hospitals, or child guidance clinics will find the course of study outlined in the *College of Education Bulletin*. After four years of undergraduate study in Speech Pathology, the student receives a bachelor of science degree and a certificate in special education.

Graduate study leading to the degrees of master of science and doctor of philosophy in speech pathology is also offered in the Department of Speech.

Vocationally, this field offers excellent opportunities for professional work. Speech clinicians are always in demand.

## Courses Not Open to Freshmen

### MEDICAL SCHOOL

The Medical School offers the principal courses described below.

**The Medical Course**—This leads to the degree of doctor of medicine and the usual career of graduates is the practice of medicine.

Altho three years of college work constitute the minimum premedical preparation acceptable for admission to the Medical School, a physician should have a thoro and broad education. Hence, students are advised to take four years of college work before beginning the medical course. Other qualifications being approximately equal, the Admissions Committee will give preference to those applicants who have had the better educational background. (See *Medical School Bulletin* for details of entrance requirements and for suggestions for elective studies.) Four years in the Medical School and one year internship are required for the degree of doctor of medicine.

**The Course in Medical Technology**—This is a four-year course and leads to the degree of bachelor of science. The first two years are spent in the College of Science, Literature, and the Arts. At the beginning of the third year the student enrolls for the course in the Medical School and completes all theoretical work. The entire fourth year is spent in a practical rotating laboratory service in the University of Minnesota Hospitals and affiliated laboratories. An additional six months for training in X-ray technique may be elected by the student.

The practical rotating service in the University of Minnesota Hospitals includes technical training in hematology, bacteriology, serology, electrocardiography, basal metabolism, blood bank, tissue preparation, and chemical analysis of blood and urine.

The broad training obtained in these fields enables the graduate to qualify for positions requiring laboratory experience in hospital laboratories, clinics, and physicians' offices. In addition, there are excellent opportunities for graduates with sufficient ability to work in research laboratories associated with larger clinics, foundations, and universities.

For further detailed information concerning this course, consult the special bulletin of the Course in Medical Technology or write directly to the Director, Course in Medical Technology, University of Minnesota Hospitals, Minneapolis 14, Minnesota.

**The Course in Physical Therapy**—The course in physical therapy is a four-year course leading to the degree of bachelor of science. The first two years are spent in the College of Science, Literature, and the Arts. At the beginning of the third year, the student enrolls in the courses in the Medical School directly applying to physical therapy; these include theory and practical application of all aspects of physical therapy. During the last two quarters of the fourth year, the student obtains practical experience in the physical therapy departments affiliated with the University. Further details may be obtained from the special bulletin of the Division of Physical Medicine.

**The Course in Occupational Therapy**—This is a program of four academic years plus one quarter, leading to the degree of bachelor of science. The first two years are spent in the College of Science, Literature, and the Arts. After completing 90 credits and the required courses of the first two years with a high C average, the student is eligible for admission to the Course in Occupational Therapy in the Medical School. Nine months are spent in clinical training in various types of hospitals and institutions for the sick and the handicapped during the last year.

**The Course in Applied Mortuary Science**—This is a nine-month program presented under the administration of the General Extension Division. Much of the instruction, however, is given in the Medical School. Residents of Minnesota interested in qualifying for licensure in this state must complete one college year (45 quarter credits



or 30 semester credits) before entering the mortuary science curriculum. All interested individuals should write to the Director, Course in Applied Mortuary Science, 155 Nicholson Hall, for application blank, bulletin, and other information.

**Short Courses**—Short courses are offered throughout the year for physicians and those in allied fields such as hospital administration, medical technology, dietetics, and nursing education. The courses are under the administration of the General Extension Division and the Center for Continuation Study. Currently, a course in the basic medical sciences and their clinical applications is offered which combines clinical ward work with the basic sciences. This has had special appeal for former medical officers and those preparing for examination by certifying boards of the various medical specialties. It continues throughout the school year.

Short courses for practicing physicians, usually from three days to a week in length, include such subjects as proctology, neurology, pediatrics, radiology, obstetrics and gynecology, internal medicine, surgery and dermatology.

### SCHOOL OF PUBLIC HEALTH

The following special curricula are offered in the School of Public Health:

**Health Officers**—Graduate programs of instruction in public health theory and practice are open to physicians, dentists and veterinarians who desire to train themselves for employment by public health agencies. The program covers at least one academic year and leads to the degree of master of public health.

**Public Health Engineering**—Graduate engineers with suitable experience are accepted for advanced instruction in public health engineering leading to further employment in public health programs. The course of study covers at least one academic year and leads to the degree of master of public health.

**Public Health Nursing**—Courses in public health nursing are conducted in the Medical School under the direction of the School of Public Health. Graduate nurses who are eligible and seniors in the five-year nursing course may secure the degree of bachelor of science with a major in public health nursing. Graduate courses in public health leading to a Master's degree are also available for qualified public health nurses. Students who are interested should ask the dean of admissions and records for application blanks and should direct special inquiry to the Director, Public Health Nursing Course, 121 Millard Hall, University of Minnesota, Minneapolis 14, Minnesota.

**Health Education**—College graduates (preferably in education or journalism) with adequate background in biological sciences and experience in community or public health agencies are accepted for advanced training in community health education. The course of study covers a minimum of one calendar year and leads to the degree of master of public health.

**Hospital Administration**—Graduates with adequate training in economics, medicine or nursing are accepted for advanced study to qualify the student for employment in the administration of hospitals. The program of study covers two years (one academic year in formal instruction and one calendar year in a hospital as an administrative intern) and leads to the degree of master of hospital administration.

For details of the above courses, see the *Bulletin of the School of Public Health*. Except as noted, inquiries should be directed to the Director of the School of Public Health, 121 Millard Hall, University of Minnesota, Minneapolis 14, Minnesota.

### SCHOOL OF NURSING

Curricula offered by the School of Nursing include:

1. **Basic Professional Curricula in Nursing**—The degree curriculum in professional nursing requires eighteen quarters and leads to the degrees of bachelor of science

and graduate in nursing. The first five quarters of this program may be spent in any approved college or university where the required biological science, social science, and general studies fundamental to nursing are available. The next ten quarters are spent in the School of Nursing and the last three quarters in the College of Education (nursing education major) or the School of Public Health, depending on the student's objective. A list of the required prenursing courses may be found in the *Bulletin of the School of Nursing*, 1947-49, page 13.

The curriculum in professional nursing for college graduates is a ten-quarter program and leads to the degree of graduate in nursing. It requires satisfactory completion of chemistry, zoology, and two of the following biological sciences: human anatomy, human physiology, physiological chemistry, general bacteriology. College graduates not meeting these requirements will be considered on an individual basis. For further information consult the *Bulletin of the School of Nursing*, 1947-49, pages 26-28.

2. **Advanced Professional Curricula for Professional Nurses**—Curricula giving major emphasis in the fields of nursing education and advanced clinical work in medical, obstetric, operating room, pediatric, psychiatric, rural, surgical and tuberculosis nursing lead to the degree of bachelor of science. Proper choice of electives in these curricula enable the qualified student to complete a variant in ward administration, teaching of sciences in schools of nursing, child care, or nutrition. The Summer Session may be used to supplement deficient basic nursing experience. The courses are carried cooperatively by the School of Nursing and the College of Education. The student registers in the College of Education. For further information see *Bulletin of the School of Nursing*, 1947-49, pages 28-39.

Students interested in pursuing studies beyond the Bachelor level in nursing education register in the Graduate School.

3. **Certificate Curricula in Clinical Nursing for Professional Nurses**—Advanced clinical courses for qualified graduate nurses are offered in medical, obstetric, operating room, pediatric, psychiatric, rural, surgical, and tuberculosis nursing. The prerequisite of psychology and sociology may be cleared in regular day, extension, or correspondence courses in an approved college or university. The Summer Session may be used to supplement deficient basic nursing experience. For further information see *Bulletin of the School of Nursing*, 1947-49, pages 39-46. All courses lead to certificates.

#### SCHOOL OF BUSINESS ADMINISTRATION

The School of Business Administration offers a two-year course leading to the degree of bachelor of business administration. This course requires as a prerequisite the completion of two years of work in the College of Science, Literature, and the Arts, the Institute of Technology, or the College of Agriculture, Forestry, and Home Economics in which certain prebusiness courses are prescribed.

For those whose time is more limited, a certificate in business administration is available after three years of work in a prescribed curriculum in prebusiness and in the School of Business Administration.

In addition to the general course in business, several specialized sequences are offered. Among them are courses in Accounting, Advertising, Agricultural Business, Department Store Training, Finance, Foreign Trade, Industrial Administration, Industrial Management, Industrial Relations, Insurance, Merchandising, Office Management, Secretarial and Supervisory Training, and Traffic and Transportation.

Two special sequences in the fields of economics and statistics leading to the degree of bachelor of science in economics are offered in the School of Business Administration. These sequences aim to meet a demand for economic analysts and statisticians both in the government service and private industry.

Five-year combined courses in the Institute of Technology and the School of Business Administration are available for students preparing for administrative positions in industrial establishments that require technical training in both engineering and business. A student is enabled to obtain degrees in both engineering and business administration upon satisfactorily completing one of the five-year curricula as approved by the official advisers of the School of Business Administration and the Institute of Technology.

A five-year combined program in Pharmacy and Business Administration is available for students who are preparing for administrative positions in pharmaceutical or certain types of chemical plants. This course also affords training for those planning to enter a wholesale or retail pharmacy business.

A seven-year combined curriculum in Business Administration and Law offers training for several types of positions which require a knowledge of these two fields. These positions are found in certain types of law practice which involve appearance before governmental administrative boards and commissions and also in administrative positions in corporations which are subject to governmental regulation.

### SCHOOL OF DENTISTRY

The School of Dentistry offers two principal courses—a four-year course for dentists and a two-year course for dental hygienists.

The course in dentistry leads to the degree of doctor of dental surgery and prepares graduates to engage in the practice of dentistry. The minimum requirement for admission to the School of Dentistry is the successful completion of two full academic years of work (90 quarter credits—60 semester credits) in an accredited college of liberal arts and sciences. The pre-dental courses in the Arts College must include one year's credit in each of the following subjects: English, Zoology, Physics, and Inorganic Chemistry, and one-half year's credit in Organic Chemistry. All courses in sciences must include both lecture and laboratory instruction.

Minnesota residents must have a "C" average as the minimum for consideration.

After graduation a dentist secures a license to practice by passing the State Board Dental Examination required by the state in which he desires to locate.

### LAW SCHOOL

The Law School offers courses leading to the degree of bachelor of science in law and the degree of bachelor of laws.

The course for the degree of bachelor of science in law is two years. To be admitted as a candidate for this degree a student must have completed two years (90 quarter, 60 semester credits) of college work, with the requisite honor points (see Admission). The college work is elective. No foreign language is required. The prebusiness course in this University will satisfy the college requirement. The law work may be either the regular first two years of the professional course, or selected law work for those who wish training only for business purposes. The degree of bachelor of science in law is conferred upon those candidates who maintain an average of at least 70 in the work of each of the two years in the Law School. This degree does not qualify for admission to the bar, but students who have completed this course may go on to the bachelor of laws degree subject to the conditions stated.

The course for the degree of bachelor of laws—the professional degree required for practice—requires two additional years of study in the Law School. To be admitted as a candidate for this degree, a student must have completed the college work required for the degree of bachelor of science in law, *including*, except for students who have a college degree when they begin the study of law, *the subjects specified in the prelaw course* (see

the *Bulletin of the College of Science, Literature, and the Arts* or the *Bulletin of the Law School*), or substitutes approved by the dean of the Law School, and must also have completed the two years of law work required for the degree of bachelor of science in law with an average of not less than 75 in one of these two years, or of not less than 73 for all the work of these two years combined. The additional two years of study are devoted to advanced courses in law, including practice, pleading, evidence, judicial administration, administrative law, jurisprudence, and legislation. About half of the work of these two years is prescribed; the remainder is elective. Students are permitted to take some work in other departments of the University. Advanced courses in political science and economics are especially recommended.

Students who have a bachelor of arts or equivalent degree when they enter the Law School may qualify for the bachelor of laws degree in three years.

#### DIVISION OF LIBRARY INSTRUCTION

The Division of Library Instruction offers a full year of professional education in librarianship for college graduates and properly qualified students of senior standing, leading to the degrees of bachelor of science and bachelor of science in library science. Students electing work in the division are registered in the College of Science, Literature, and the Arts, the College of Education, or the University College, and certain courses are accepted for credit in the School of Business Administration and the College of Agriculture, Forestry, and Home Economics.

#### UNIVERSITY COLLEGE

Any undergraduate student who is unable to find in any of the curricula of the colleges a program of study suited to his special intellectual interests or professional aims may, with the advice and approval of the University College Committee, arrange a course of study best adapted to his needs. Any course offered in the University may be drawn upon in making up such a program. The satisfactory completion of an approved curriculum entitles the student to the degree of bachelor of arts or bachelor of science.

Students who believe their needs are best served by registration in the University College should apply at the University College office in the Physics Building.

#### GRADUATE SCHOOL

The Graduate School gathers into a single organization and unites for the purpose of administration all the activities of the University in all its schools and colleges in so far as they relate to advanced instruction offered for the second or higher degrees, namely, master of arts, master of science, master of business administration, electrical engineer, mechanical engineer, civil engineer, chemical engineer, and doctor of philosophy. For admission to the Graduate School, see page 16 of this bulletin.

Inquiries concerning graduate work should be addressed to the Dean of the Graduate School, University of Minnesota, Minneapolis 14, Minnesota.

### Other Study Opportunities of the University

#### UNIVERSITY SUMMER SESSION

The university Summer Session is organized for two terms, one of six weeks and one of five weeks, from June to September, as a regular part of the University. Courses in the Colleges of Science, Literature, and the Arts, Agriculture, Forestry, and Home

Economics, Education, the Institute of Technology, the Schools of Law, Medicine, Nursing, Dentistry, Business Administration, the Institute of Child Welfare, the Division of Library Instruction, and the Departments of Physical Education are offered.

Nonresidents should consult the *Bulletin of the Summer Session* relative to non-residency restrictions.

### GENERAL EXTENSION DIVISION

The General Extension Division conducts late afternoon and evening extension classes in the Twin Cities, Duluth, and in some other communities for those who are employed during the usual working hours and are, therefore, not able to attend regular day classes. Other special classes and short courses are offered at any time and for varied periods to meet those educational needs of the state's citizens which are not fulfilled by any regular offerings of the University or other similar institutions. The division also conducts correspondence study courses which are available to anyone no matter where he may live. These classes and correspondence study courses cover a wide range of subjects, representing the offerings of the various colleges, schools, and divisions of the University.

Instruction, by both class and correspondence study methods, is also open to, and employed by, regularly matriculated students as a means of earning credits toward degrees. Extension classes conducted in Minneapolis, St. Paul, or Duluth are classed as residence work; credits earned in them satisfy residence as well as credit requirements. Credits earned by correspondence study do not classify as residence, but are accepted for a part of the credit requirements for most undergraduate degrees. (The Institute of Technology has special requirements which students must follow.) Students, therefore, who are temporarily out of residence (except dropped students) are privileged to register for either form of instruction.

The General Extension Division as a part of its services operates the Center for Continuation Study, a small, self-contained residence college unit in which are conducted short courses (mostly on a postgraduate level) for persons in professional fields.

The General Extension Division also provides a number of other educational facilities, such as: lectures by faculty members and others, lyceum courses, concerts and entertainments; an Audio-Visual Extension Service to provide audio-visual educational equipment and materials to schools and other organizations in Minnesota and nearby states; a Municipal Reference Bureau; annual short courses in addition to those at the Center in a number of subjects including a year course for morticians; advice to schools and other organizations on the selection and production of plays; and the university radio broadcasting station.

For further information, address the General Extension Division, Nicholson Hall, University of Minnesota, Minneapolis 14, Minnesota.

### MILITARY SCIENCE AND TACTICS

Courses in Military Science and Tactics as given in the Reserve Officers Training Corps are divided into two sections: the Basic Course of two years, which is open as an elective subject to any physically qualified male student who is a United States citizen, and the Advanced Course of two years, which is open to selected applicants who have completed the Basic Course or who have completed over one year's active service in the Army, Navy, Marines, or Coast Guard prior to March 2, 1946. Students who have completed the Junior ROTC program of instruction may be exempted from the first year of the Basic Course. At the completion of the Advanced Course, the student, if recommended by the professor of Military Science and Tactics and the president of the University, receives a commission in the Officers Reserve Corps.

The Basic Course will consist of formal instruction for a minimum of three hours per week for a period of two academic years. The training given is general and is designed to give the student a background which will be of value to him in any branch of the service, the emphasis being placed on training in the responsibilities of citizenship and leadership. One credit per quarter is given which may be counted toward any degree offered by the University. Students are furnished a complete uniform (including overcoat) without charge to be worn during their period of enrolment.

The Advanced Course offers two years of training leading to a commission in a branch of the Officers Reserve Corps. The branches offered at the University of Minnesota are Anti-Aircraft Artillery, Signal Corps, Quartermaster Corps, Transportation Corps, Medical Corps, Corps of Engineers, Ordnance Department, Chemical Warfare, and Army Air Forces. The course consists of a minimum of five hours per week for two academic years plus a summer camp of eight weeks which normally comes at the end of the first year of the Advanced Course. Three credits per quarter are given which may be counted toward any degree offered by the University. Certain other emoluments accrue to students pursuing the course, chief of which are the payment of commutation of subsistence and the furnishing of a complete uniform. All benefits received from the course by veterans are in addition to any being received under the G.I. Bill of Rights.

Further information on Military Science and Tactics courses may be obtained from Room 106 in the Armory building.

#### NAVAL SCIENCE AND TACTICS

Naval Science is a four-year course consisting of one hour of class three times per week, two hours of drill and requiring certain basic subjects to be included in the civilian curriculum of the student. Instead of supplying a pool of trained civilians available to serve their country in war, the present purpose is, in addition, to train career officers for the regular Navy. The present-day Navy is too large to draw all of its officer personnel from the Naval Academy. It is hoped that half of the regular naval officers can be obtained from these NROTC units.

However, in pursuing this training, the student is given the maximum freedom of action in the academic field that is possible and still prepare him for duties as a naval officer. He is required to carry a minimum of one Naval Science course a quarter and to complete a one-year course in college physics and mathematics through trigonometry by the end of his sophomore year. Beyond these requirements he may select his course to suit himself and proceed toward a degree of his own choice. In so doing he will find Naval Science courses as acceptable elective courses in almost any field of academic endeavor.

The NROTC student, unlike the wartime Navy trainees, goes to college as a civilian and is not subject to the rigors of naval discipline except during Naval Science classes and drills. He may vary his Naval Science training to a limited extent and become eligible for a commission in the U. S. Marine Corps.

In general, each candidate for enrolment in the NROTC unit at the University of Minnesota must meet the following requirements:

1. Must be enrolled as a collegiate student in good standing and attend the University of Minnesota.
2. Be an unmarried male citizen of the United States and agree to remain unmarried until commissioned or disenrolled.
3. Have attained his seventeenth birthday on or before September 1, 1948 and be of such age that he will not have attained his twenty-fifth birthday before July 1 of the year he will be commissioned (i.e., not over 21 on July 1 for initial enrolment at the beginning freshman level).

Note: The provisions of sub-paragraphs (2) and (3) above may be subject to modification in certain cases involving NROTC students in special categories.

4. Be morally qualified by character and personality to be a naval officer.
5. Be physically qualified in accordance with the current Manual of the Medical Department requirements for entrance into the Naval Academy.

As an enrollee in the NROTC, a student is given a four-year college education at Navy expense. This includes tuition, books, fees, and a living allowance at the rate of \$600 a year. Upon graduation he will be commissioned an officer in the United States Navy or Marine Corps and will serve on active duty for two years. Following this duty, he may elect to remain on active duty as a career officer, or accept a commission in the Organized Reserve and return to civilian life.

The same excellent opportunity is being offered to all qualified high school seniors and graduates between the ages of 17 and 21. A nationwide competitive examination will be given to select several thousand candidates for the 1948 classes. Those selected, and who meet the college entrance requirements, may attend one of 52 colleges and universities where NROTC Units are established.

A student who is selected to participate in the NROTC program and who desires to receive the benefits accorded by this plan must agree to obligate himself to attend three cruises or summer training periods of from six to eight weeks; to accept a commission as ensign, USN, or second lieutenant, USMC, and to serve a minimum of 15 months on active duty after being commissioned.

Students may also elect to enroll under the prewar NROTC plan. Under this plan students are not obligated to go on active duty after graduation but must agree to make one summer practice cruise of approximately three weeks in length and to accept a commission in the Naval or the Marine Corps Reserve on graduation. They may, if they so desire and if vacancies exist, be commissioned after graduation as ensign, USN or second lieutenant, USMC, and serve for not less than 15 months on active duty. They must pay their tuition and all other expenses the same as any other university student but will be issued textbooks for the naval science courses, and uniform which will be worn only on special occasions. Juniors and seniors who have completed two years in the NROTC will be allowed commuted rations not to exceed the value prescribed by law for the Navy (currently 65 cents per day). Many individual students, however, will be entitled to financial support under the G.I. Bill.

Further information on Naval Science and Tactics courses may be obtained from the Naval Science office in the University Armory.

## Regulations Governing Granting of Degrees

The Board of Regents will confer the degree appropriate to the course pursued under the following conditions:

1. **Curriculum requirements**—Certification by the university recorder of the completion of all requirements of the course of study as outlined in the college announcement, or its equivalent as determined by the faculty of the college offering the course.

2. **Recommendation of the faculty.**

3. **Residence requirement**—The student must earn at least one year's credit in residence in this university. If the term of residence is only one year, that year must be the senior year. In any case the student must spend two quarters of the senior year in residence. This last requirement may be waived under such rules as may be established by each college for such exemptions. In addition, special residence requirements must be met in several of the schools and colleges. Extension courses (not correspondence study courses) completed in Minneapolis, St. Paul, or Duluth may apply toward the residence

requirement. Work done on the campus of the University of Minnesota in Armed Forces College Training Programs is considered residence credit.

4. **Payment or satisfactory arrangement of all financial obligations** due the University.

5. **Attendance at commencement**—A candidate for a degree is required to be present at the commencement exercises at which his degree is conferred.

A student who fails to attend shall not receive his diploma until the expiration of one year, unless in the meantime he attends commencement exercises or unless he is excused from such attendance by the dean of the college.



## EXPENSES

Whether his expenses are met partly by his parents or on the basis of his own earnings, every student will want to know his probable expenses while attending the University. Expenses vary greatly, depending on the type of course taken and the needs and tastes of the students. The following information can be presented only in averages and generalities. In planning his budget, each student should adapt the following information to his own situation.

### ESTIMATED AVERAGE EXPENSES FOR THE YEAR 1948-49 (Fall, Winter, and Spring Quarters)

	General, S. L. A., Education, Ag. F. H. E., Pub. Health, Dent. Hy., Nursing,† Duluth	Bus. Adm., I. of T., Grad.††	Law, Med. Tech., Phys., Therapy, Library	Den- tistry	Medi- cine	Phar- macy
†Tuition .....	\$ 90.00	\$105.00	\$126.00	\$ 225.00	\$ 231.00	\$120.00
Incidental fee .....	33.45	33.45††	33.45	33.45	33.45	33.45
Matriculation deposit .....	5.00	5.00§	5.00	5.00	5.00	5.00
Course fees .....	10.00	10.00	10.00	10.00	10.00	10.00
Laundry .....	90.00	90.00	90.00	90.00	90.00	90.00
Room rent .....	180.00	180.00	180.00	180.00	180.00	180.00
Board .....	400.00	400.00	400.00	400.00	400.00	400.00
Books and instruments .....	60.00	60.00††	60.00†††	300.00*	265.00†	60.00
<b>Total .....</b>	<b>\$868.45</b>	<b>\$883.45</b>	<b>\$904.45</b>	<b>\$1,243.45</b>	<b>\$1,214.45</b>	<b>\$898.45</b>

\* Of this amount \$235 is for instruments.

† These fees are those estimated for the practical course. Students in the first year of the basic professional course may estimate room rent and board at one third of the amounts listed as these items are furnished without charge after the first quarter in the School of Nursing. Fees for the advanced clinical courses are similar to those listed for Medical Technology.

†† Graduate students who present theses for the Master's degree or the Ph.D. must pay for the typing and binding of the thesis and, in the case of the Ph.D., must pay a summary deposit of \$25.

‡ Of this amount \$175 is for a microscope.

†† Institute of Technology: incidental fee \$35.25, books \$90.

††† Books for Law School, \$90.

§ Matriculation deposit for the Graduate School is \$3.

¶ This is the tuition charge for a resident of the state of Minnesota. For additional charges for nonresident tuition see nonresident fees, page 41.

All above expenses are comparatively fixed and unavoidable; the real difference in the costs of a year at the University are to be found in the amounts expended for living. Living expenses include maintenance, laundry, clothes, recreation, and other incidentals. Some of these are not included in the above table because they are determined entirely by the individual's tastes and interests and the amount of his resources.

For students who do not live at home or with relatives, the major expense while attending the University will be for room and board; and here there is considerable variation. Out-of-town students live in university dormitories, co-operative cottages, sorority or fraternity houses, a small number in apartments, and the majority in rooming houses near the campus. A few rent rooms with housekeeping privileges and prepare their own meals. At present, rooming house rentals for double rooms average \$18 per month for each student while single rooms, somewhat more expensive, average \$20 per month. Students should select and will benefit by selecting rooms that have been inspected and approved by the University. The director of student housing will assist any student in finding suitable quarters.

# UNIVERSITY SERVICES TO STUDENTS

## HEALTH SERVICE FACILITIES

Through the Students' Health Service the University makes available to students medical care, medical examinations, and health consultations. General service is provided free of charge, but for services which are specialized and individual in character, such as dentistry, X ray, board and laundry in the student hospital, out-patient calls, minor surgery, etc., special fees are charged. No student, however, will be denied service because of inability to pay these fees. Major surgical operations, or prolonged medical care ordinarily are secured through private physicians selected by the students or their families, but, if necessary, operations may be arranged through the Students' Health Service upon the established basis.

## PERSONNEL AIDS

The University has established various personnel services to aid the student in making adjustments to college life. The staff members of the various bureaus can assist you in a variety of areas such as: choice of vocation, finding housing facilities, preparation of a personal budget, clearing G.I. eligibility, correcting of speech or hearing difficulties, acquainting you with extra-curricular activities of university life. Those desiring assistance should contact any of the bureaus concerned or the Office of the Dean of Students, 200 Eddy Hall.

**Student Counseling Bureau**—In making adjustments to college life, many students desire or need assistance with regard to choice of vocation, selection of subjects, personal and social adjustments, reading and study skills, and other problems. Counselors are available in the Student Counseling Bureau, 101 Eddy Hall, to assist students in working out their problems. Any student in the University may make an appointment for counseling, and for those who wish to have counseling before entrance to the University, a pre-college service is offered. A small fee is charged for pre-college counseling. One of the special services of the Counseling Bureau is the educational skills clinic, where students may improve their reading and spelling skills, their vocabulary, and their study habits. In addition to the staff members working with students in the educational skills clinic, there are counselors who deal primarily with problems of vocational planning, personal adjustment, social development, and marriage and family relationships. Any one person may have any one or several of these problems, and a problem in one area may be causing several related difficulties. Students who would like to discuss their problems with a counselor or who need direction to other advisory services in the University should come to the Student Counseling Bureau, 101 Eddy Hall.

**Student Activities Bureau**—The University recognizes student activities and organizations as an integral part of its total educational program. The aim of student activities is to give participants experiences which yield: stimulation of interest in current social, political, economic, cultural or religious issues and problems; experience in living and working in group projects with individuals of different races, creeds, and cultural backgrounds; intellectual development in fields related to classroom experiences; development of professional ideals and standards through activities of a professional type; practice in recognizing and exercising the responsibilities of citizenship; development of personal and professional friendships and associations; development of capacities for leadership in group enterprises; and recreational experiences within the cultural environment of the University.

In order to attain these objectives, students have established organizations which carry out programs of a social or professional nature. The Student Activities Bureau

exists to aid new groups in organizing on a sound basis, to supervise and guide student groups in matters of program and finance, and to counsel individual students regarding the choice of extra-curricular activities and organizations. Information regarding campus extra-curricular life may be secured from the Student Activities Bureau, 209 Eddy Hall.

**Foreign Student Adviser**—Specialized services are provided for students from abroad by the adviser to foreign students. Counseling and advisory services are available to students concerning problems of federal, state, and local regulations as well as liaison with the students' own governments.

This office provides an easy means for students new on campus to establish relationships with an under circle of counseling agencies which they may consult concerning their problems of language difficulty, registration, financial assistance and other problems of an educational or social nature.

All students from other countries are cordially invited to call on the adviser at 302 Eddy Hall.

**Religious Coordinator**—The University cooperates wholeheartedly with the student programs maintained on the campus by denominational and inter-faith groups. Nine major protestant denominations, together with Roman Catholic and Jewish foundations, maintain professional staff workers serving both the Minneapolis and St. Paul campuses. There are also active programs carried on by the Young Men's Christian Association, the Young Women's Christian Association, and the Inter-Varsity Christian Fellowship. Students are encouraged to affiliate with appropriate groups and to participate in worship, study, and social functions designed to promote their personal and spiritual development. The coordinator of students' religious activities, functioning in the Office of the Dean of Students, maintains an office at 203 Eddy Hall.

**Speech Clinic**—Students desiring help in the correction of speech deviations should register in the Speech Clinic, located in 20 Shevlin Hall. Stuttering, sound substitutions, lispings, foreign accent, voice deviations, deafened speech, and oral inaccuracy are the various types of defects corrected by speech clinicians. Because speech defects are often a handicap to successful college life and also in some vocations, students are invited to seek clinical aid upon entrance to the University. A small fee is charged for these services. Left-handed students whose writing is awkward or lacking in correct slant may receive writing lessons in the clinic.

**College Counseling and Advisory Programs**—The separate colleges maintain counseling and advisory programs in order to be of aid to those students interested in the work offered by those units. For the details please turn to the section concerned with the college of your choice.

## CULTURAL AND RECREATIONAL FACILITIES

**University Library**—The Library Building on the Mall of the Minneapolis Campus houses a collection of nearly one and one-half million volumes available for use. In addition there are more than 250,000 volumes in the Law Library, the Agriculture Library on the St. Paul Campus, in the branch libraries of Chemistry, Engineering, Mines and Metallurgy, of the Institute of Technology, the Geology Library, the University High School, and the smaller work collections in many important departmental offices where texts specifically applying to their work have been placed for greater convenience.

**Convocations**—At 11:00 o'clock each Thursday morning, except for holidays and examination periods, an established authority on some subject of general interest, or a cultural attraction of equal general interest, is presented at Northrop Memorial Auditorium to students, staff, and faculty members of the University of Minnesota. Such programs not only offer a liberal education in adventure, art, foreign news, music and dance,

science, and world affairs, but they are at the same time highly entertaining. While classes are not dismissed for convocation hour, it is possible for any student to attend convocations of his or her choice. It is, of course, intended that the students, staff, and faculty should attend these convocations. The general public is likewise invited. The convocations are usually preceded by an organ recital. The convocation program is broadcast over KUOM.

**University Gallery**—The gallery is located on the third and fourth floors of Northrop Auditorium where important and varied exhibitions are presented for students as well as for the general public.

The University's permanent collection of art works is available to faculty for classrooms, offices, and corridors on the campus.

In Room 308 current art magazines, books on various art subjects, and pictorial material are available to those who wish to use them there.

In Room 306, the student-framed print collections of fine reproductions are available for rental at the beginning of each quarter, twenty-five cents per picture per quarter.

**Music**—The University is proud to be the home of the Minneapolis Symphony Orchestra of which Mr. Dimitri Mitropoulos is the conductor. Regular concerts are held throughout the college year. The office of the Symphony Orchestra is in Room 110 Northrop Memorial Auditorium.

The University regularly brings to the campus internationally known artists for independent concerts including a regular series, known as the University Artists Course. Season tickets may be purchased for this series of concerts at an exceptionally reasonable price. The office is located in Room 109 Northrop Memorial Auditorium.

The Department of Music maintains a large student band with both concert and marching divisions composed of students with either a professional or recreational interest in band membership. The University Band office is in Room 12 Northrop Memorial Auditorium.

The Department of Music has organized and directs a student symphony orchestra for those students interested in orchestral experience. The Student Symphony office is in Room 107 Scott Hall.

The Department of Music also maintains a large mixed chorus which gives public performances each year. The more proficient sections of the chorus present additional short programs at frequent intervals. The office of the University Chorus is in Room 107 Scott Hall.

The Music Department offers lessons in the various phases of applied music to students of all colleges not having studied music previously at the regular applied music scale of fees. College credit is not granted for this work. Students may also participate in various vocal and instrumental ensembles which are organized by the Music Department.

**Theatre**—The University Theatre is operated through the Department of Speech. Participation is open to all students interested in dramatics. Each school year a number of selected stage plays are presented. The University Theatre office is in Room 232 Northrop Auditorium; the ticket office is in Room 110 Scott Hall.

At weekly intervals throughout the college year the best visual information on current events is presented by the University Newsreel Theater in the Ballroom, Coffman Memorial Union.

**Museums**—In the Minnesota Museum of Natural History, at 17th and University Avenues Southeast, university students and the general public have available habitat exhibits of natural history materials comparing favorably with those in the larger American museums. Extensive study collections in various fields are also accessible to qualified persons.

Elsewhere on the campus are numerous exhibits and collections under the direction of the respective department heads available for examination by both public and students.

These collections include rare books in the University Library and displays of scientific and technical interest located in the various departments.

**Physical education, athletics, and sports**—A wide program of sports, dance, aquatics, conditioning exercises, gymnastics, and recreational activities has its headquarters in the Norris Gymnasium for Women. The instructional program is based upon an activity guidance plan in which each woman student is helped to plan her own activity program in terms of her interests, needs, and health status. The Women's Athletic Association, which is open to all registered women students, is a student-run organization under the sponsorship of the Department of Physical Education for Women. The program offers a wide variety of recreational activities, individual and team sports, including an extensive intramural schedule, and an opportunity for club participation in such activities as aquatics, dancing, tennis and riding where special skill is a basis for membership. Facilities and equipment are available for use every afternoon and certain evenings. Expert leadership is provided for this voluntary participation program.

An extensive plan of physical education and athletics is available for men students. In addition to the regular varsity sports scheduled each year, a broad program of intramural athletics is carried on. Cooke Hall, the Memorial Stadium, and the Field House are occupied by these activities. Besides the several gymnasiums there are two swimming pools, numerous handball and squash courts, as well as the large indoor playing space of the Field House. The outdoor playing fields, the 18-hole university golf course, and tennis courts are under the direction of this department.

**General social program**—The center of much of the student social program is in the Coffman Memorial Union where an active and varied social program under the direction of a full-time social consultant is always in progress. The Union building has numerous meeting rooms for student groups, general lounges, two ballrooms, an artcraft workshop, billiard and pool tables, as well as a 16-lane bowling alley. The Farm Union, located on the St. Paul Campus, offers similar activities for students on that campus.

## FINANCIAL AIDS

**Student loans and scholarships**—Should you need financial help or advice, the Bureau of Student Loans and Scholarships may be able to assist you. Student loan funds are available to help any student who is making normal progress toward a degree. Usually a student must have completed two quarters in attendance at the University before becoming eligible for loan assistance. However, aid can be obtained to meet emergency needs. Students should not feel it necessary to cancel out of school because of financial difficulties without first talking the matter over with a financial counselor. Application for loans may be made to the Bureau of Student Loans and Scholarships in 211 Eddy Hall, a department within the Office of the Dean of Students.

**Merit awards for students**—Merit awards giving financial assistance for the undergraduate comprise scholarships and prizes which are usually cash awards allowed in recognition of outstanding scholastic achievement or ability. There are very few scholarships available to beginning freshmen in the University; the majority are restricted to students in the junior and senior years. In addition to cash prizes there are a number of trophies and medals awarded each year to the winners in competitions or in recognition of some unusual achievement. Application for merit awards may be made to the offices of the deans of the colleges and the Bureau of Student Loans and Scholarships.

**Assistantships and fellowships**—A number of assistantships and fellowships are provided for selected graduate students in the different departments. For information, inquiry may be made to the Bureau of Loans and Scholarships, to the Employment Bureau, or to the dean of the Graduate School or the dean of the college concerned.

**Special financial aids**—Under state law, "Any resident who has graduated from the School for the Blind upon compliance with all other requirements shall be entitled to pursue any course of study in the State University without expense for tuition." The Board of Regents of the University has in addition authorized the admission without tuition of blind students who are residents of the states of Minnesota and North Dakota for instruction in courses which they are qualified to receive. Such students, however, are required to pay incidental and special course fees in the same way as other students.

Certain funds are available for the rehabilitation of disabled persons through the State Department of Education, Division of Vocational Rehabilitation. Application for aid should be submitted to the Division of Vocational Rehabilitation, State Office Building, St. Paul 1, Minnesota.

**Student employment**—The Student Employment Bureau in Room 17, Administration Building maintains a file of available part-time jobs on the University Campus and in the Twin Cities for the purpose of aiding any student who needs to earn money to help finance his educational program. All students must apply in person before being considered for any vacancy. Upon arrival at the University, the student should report to the Employment Bureau to file his application outlining his need, work experience, work preference, course of training selected, class schedule, and other related information. In order to remain active these applications must, at all times, be kept up to date with such necessary information as local address and telephone number and class schedule.

## HOUSING FACILITIES

The University of Minnesota maintains or supervises a variety of housing and eating facilities for out-of-town students. Further information other than that supplied here may be obtained by writing to the Director of the Student Housing Bureau, Room 202, Eddy Hall. No provision can be made for reserving rooms in private homes previous to arrival on the campus. However, single students are assured that adequate housing will be available through the services of the Student Housing Bureau.

### Housing regulations—

1. According to the regulations of the Board of Regents, all students are required to live in university-approved residences, and those taking rooms or apartments elsewhere must apply to the director of the Student Housing Bureau for approval.

2. The University recommends that all students living in private homes or rooming houses sign a contract (furnished by the University to the householder) with the householder when a room is engaged. Contracts should be made for a quarter at a time.

3. Students planning to move at the end of a quarter are required to give the householder ten days' notice. Even tho the student may not be renting on the quarterly basis, he must make arrangements with the householder to give the amount of notice required before moving to another residence. All changes of address should be reported to the Student Housing Bureau.

4. Women living in private homes and rooming houses are expected to follow the hour regulations established for women's residences. Girls may entertain callers in suitable rooms in their residences until 11 o'clock on week nights and until 12 o'clock on Friday and Saturday nights and nights preceding university holidays.

5. All students are encouraged to consult with the Student Housing Bureau concerning any difficulties or controversies pertaining to housing. In addition, the Bureau stands ready to offer assistance or to refer students to the proper agency dealing with all non-housing matters.

6. It is important to remember that while living in a private rooming house or apartment each student has obligations enforced by the University in the way of conduct, pay-

ment of rent, and adequate notice when there is intention to move. If you are at all in doubt about your privileges and rights, call at the Student Housing Bureau where someone will answer your questions and help you avoid any trouble.

#### **Fraternalities and sororities—**

1. Students expecting to pledge fraternities or sororities should remember that rooms in rooming houses are engaged for a complete quarter. They may not move during the quarter to a fraternity or sorority house if a previous room commitment exists. If you are planning to pledge during your first quarter in residence, perhaps you can stay with friends or relatives during the rushing period, or select a rooming house where contracts are made on a quarterly basis. After a quarter of residence you will then be free to move to your fraternity or sorority house.

2. Information on rush week and pledging may be obtained at the Student Activities Bureau, Room 209 Eddy Hall.

**Housing for men—**Pioneer Hall, the men's dormitory, supplies room, board, and social program. Veterans and Minnesota residents are given priority among applicants. Emergency barracks-style accommodations are available at a minimal cost. Rooms in approved private dwellings are available through the Student Housing Bureau. In some instances it is possible to exchange services for room, or board and room. All students must live in houses which meet the standards set by the University.

Information on individual house ratings and those rooming houses also serving board may be obtained from the Student Housing Bureau.

Further information on men's dormitories may be secured by writing to the Director of Men's Residences.

Rooms are available in the St. Paul Campus dormitories for the spring quarter and Summer Session. Meals may be obtained at the St. Paul Campus cafeteria during the spring quarter and the first term of the Summer Session.

**Housing for women—**Comstock Hall, Sanford Hall, Meredith Hall, and the Cooperative Cottages are university-owned dormitories. In selection of applicants preference is given to girls who are Minnesota residents. In addition to these facilities maintained by the University, there are numerous private rooming houses for women students. All of these are inspected and must meet minimum standards set by the University. Information about vacancies in these facilities may be secured from the Student Housing Bureau.

**Housing for married students—**Vacancies occurring in housekeeping rooms and sleeping rooms are registered with the Student Housing Bureau. In addition, the University operates an emergency housing project (trailers, quonset huts, prefabricated houses) for married students, located between the Minneapolis and St. Paul campuses. Space is limited and priority is given to Minnesota veterans. Application should be made to the Como Avenue Housing Project, Room 3, Administration Building. Often it is desirable for one member of the family to come to Minneapolis and secure temporary accommodations while searching for more adequate quarters for the entire family.

### FOOD SERVICE FACILITIES

**Coffman Union food services (Minneapolis Campus)—**Varied and extensive food service facilities are available to students in Coffman Memorial Union. In addition to the large modern cafeteria there are well equipped and adequately staffed soda fountains, lunch rooms, commuters' lunch rooms (for students bringing bag lunches from home), and complete banquet and party dining facilities. In Shevlin Hall, located near the northwest corner of the campus, a combination cafeteria and lunch room is provided for the convenience of both college and University High School students. On January 5, 1948,

an additional food service unit was opened in the temporary building south of Vincent Hall. This very convenient unit includes both cafeteria and lunch room facilities.

**Dormitory food services (Minneapolis Campus)**—Pioneer Hall (Men's Residence), Comstock Hall, Sanford Hall and the Cooperative Cottages (all Women's Residences) provide board in conjunction with housing only to those students who reside there.

**Food service facilities (St. Paul Campus)**—The Farm Cafeteria provides complete cafeteria type food service to students on the Farm Campus. In addition, lunch room and soda fountain facilities are available in the "Ag" Union.

**Other food services (both campuses)**—In addition to the university operated food services indicated above there are a number of privately operated restaurants, lunch rooms, tea rooms and soda fountains located near each campus.

Some of the student fraternities and sororities also make food services available to their members.



## UNIVERSITY FEES

### All university fees are subject to modification without notice

The university year, extending from October to June is divided into three terms called quarters. On the specific dates (see Calendar, pages 4-5) prior to the opening of each quarter, the following fees are due from each student: (a) tuition, (b) incidental, and (c) such special fees and deposits as may be required.

### TUITION FEES

School or College†	Quarter Fee		Credit Hour Fee*	
	Resident	Nonresident	Resident	Nonresident
Agriculture, Forestry, and Home Economics	\$30.00	\$ 75.00	\$2.50	\$ 6.25
Business Administration	35.00	75.00	3.00	6.25
Dentistry and Graduate Work	75.00 -	120.00	6.25	10.00
Dental Hygiene	30.00	75.00	2.50	6.25
Duluth Branch	30.00	75.00	2.50	6.25
Education	30.00	75.00	2.50	6.25
General College	30.00	75.00	2.50	6.25
Graduate School‡‡	35.00	75.00	3.00	6.25
Institute of Technology	35.00	75.00	3.00	6.25
Law School and Graduate Work	42.00	90.00	3.50	7.50
Library Instruction	42.00	75.00	3.50	6.25
Medical School and Clinical Graduate Work	77.00 -	150.00	6.50	12.50
Medical Technology	42.00	90.00	3.50	7.50
Mortuary Science	50.00	90.00	4.25	7.50
Nursing, Basic and Practical	30.00	40.00	2.50	3.50
Advanced Clinical	42.00 -	90.00	3.50	7.50
Pharmacy and Graduate Work	40.00	85.00	3.50	7.25
Physical and Occupational Therapy	42.00	90.00	3.50	7.50
Public Health	30.00	75.00	2.50	6.25
Science, Literature, and the Arts	30.00	75.00	2.50	6.25
University College	Tuition of college in which work is taken			
Veterinary Medicine	65.00	130.00	5.50	11.00

\* Students carrying less than the complete schedule of work may pay fees on a credit hour basis.

† All fellows, scholars, assistants, instructors, research associates, and members of the teaching staff and scientific bureaus and experiment stations giving 25 per cent or more of full-time service when regularly enrolled as students in the Graduate School or in the final year of the Master's degree (including agricultural technologist degree) curricula in undergraduate colleges are not required to pay tuition fees. This does not apply to commercial fellowships.

‡‡ Tuition of \$5 per quarter is charged graduate students who have completed all course work and who are registered for thesis work only. Fees for graduate work in Clinical Medicine, Law, Dentistry, and Pharmacy are those charged respectively for undergraduate work.

### INCIDENTAL FEE

An incidental fee of \$11.15 a quarter is charged each student for privileges such as those of the Coffman Memorial Union, the Health Service, the Speech Clinic, the Student Counseling Bureau, the *Minnesota Daily*, including the Official Daily Bulletin and the university post-office service. Students in the Institute of Technology pay \$11.65 per quarter and receive the *Minnesota Technologist* in addition.

All students who are registered for six credits or more in any quarter are required to pay the incidental fee, while students who are registered for less than six credits in any quarter are not charged nor permitted to pay this fee.

### MATRICULATION DEPOSIT

At the student's first registration at the University a matriculation deposit of five dollars (\$5) is required to cover locker rental, locker key deposit, laboratory breakages, drawing board rental (Architecture), military equipment (men), library fines, or damage to university property.

The matriculation deposit required of students registered in the Graduate School is three dollars (\$3).

The unused balance of the deposit fee will be returned *by mail* upon cancellation or automatically after the beginning of the first quarter the student fails to return. If, at any time, the charges against a student shall warrant a renewal of the deposit, an additional fee of five dollars (\$5) will be required.

### SPECIAL FEES

<b>Advanced standing examination fee</b> .....	\$5.00
Such an examination may be taken only upon approval of the appropriate committee. (No fee for such examination on first entering the University, if taken within the first six weeks)	
<b>Chemistry deposit</b> —A laboratory deposit of five dollars (\$5) is required of students registered for courses in chemistry and agricultural biochemistry to cover the cost of materials. The unused balance will be credited to the student's matriculation deposit at the end of the course.	
<b>Course fee</b> —for individual courses. The amounts are specified in the course announcements in the college bulletins.	
<b>Credential fee</b> —required of nonresidents applying for admission to Law, Medicine, Dentistry, Education (Senior College), and Business Administration.....	5.00
<b>Duplicate diploma fee</b> (if original has been lost or destroyed)	
Large duplicate diploma fee .....	7.50
Small duplicate diploma fee .....	5.00
<b>Graduation fee</b> (including small diploma)	
Graduate School .....	10.00
Other schools and colleges .....	7.50
<b>Large diploma fee</b> —Any graduate may receive a large diploma on payment, in addition to the graduation fee, at a special fee of.....	5.00
<b>Microscope rental fee</b> —	
For partial use of microscope .....	3.00 per qtr.
For continuous possession and use .....	6.00 per qtr.
<b>Music practice fees</b> —for rent of pianos, organs, and rooms for practice—for rates consult Music Department.	
<b>Physical Education towel and locker fee</b> .....	1.25
<b>Placement service fee</b> —required of candidates for degrees from:	
Institute of Technology .....	10.00
College of Education (except Nursing Education majors).....	4.50
<b>Privilege fee</b> —The fee for the privilege of late registration or late payment of fees is \$2 through the third day of classes; on the fourth day the fee is \$2.50 and then increases 50 cents per day to a maximum of \$5. The fee for late change of registration is \$2.	

<b>Record service fee</b> —50 cents, deducted from each student's deposit account upon refund, for which record certification service is furnished including three copies of record. Additional copies of records .....	\$0.50
<b>Special examination fee</b> .....	5.00
<b>Speech Clinic fees</b> —For rates consult Speech Department.	

**Students of one college taking work in another**—Where a student of a given college or school elects courses in another, such courses being accepted by the college in which the student is registered as a part of its curriculum, the tuition shall be that of the college in which he is registered.

If, at any time, such student desires credit for this course towards the degree offered by the second college, he shall pay such additional tuition as is required by the second college.

This is not to be interpreted as applying to students in such combination courses as Arts and Medicine, Arts and Dentistry, Arts and Business, etc., provided such students pay regular quarter fees for the full period of residence in the higher fee college.

### REFUNDS

Students who cancel their registration before the close of any quarter are entitled to refunds of tuition, incidental, and course fees on the following basis:

After Quarter Opens	Percentage of Refund
No attendance .....	100
One day to one week .....	90
One week to two weeks .....	80
Two weeks to three weeks .....	70
Three weeks to four weeks .....	60
Four weeks to five weeks .....	50
Five weeks to six weeks .....	40
More than six weeks .....	None

### NONRESIDENT STUDENTS

The following rules regarding fees of nonresident students, applicable to both men and women, have been approved by the University:

1. No student shall be admitted to the University on a resident basis unless he has been a bona fide domiciliary of the state for at least a year prior to admission. This requirement shall not prejudice the right of a student admitted on a nonresident basis to be placed thereafter on a resident basis provided he acquired a bona fide domicile of a year's duration within the state in the meantime. The fact alone of attendance at the University neither constitutes nor necessarily precludes the acquisition of such a domicile.

2. The responsibility of registering under proper residence classification is placed on the student, and it is the duty of each student at registration if there be any possible question of his right to residence fees, under the rules of the Board of Regents, to raise the question with the dean of admissions and records. This should be done by a written statement of the facts on form A265 of the Office of Admissions and Records.

Persons interested in the rules under which consideration may be given to nonresidents of Minnesota applying for admission to the University are referred to the section of this bulletin entitled "Admission."

## ACCREDITED MINNESOTA PUBLIC SECONDARY SCHOOLS

For a list of accredited Minnesota public secondary schools see the *Minnesota Educational Directory* prepared by the State Department of Education, 301 State Office Bldg., St. Paul 1.

## ACCREDITED MINNESOTA PRIVATE SECONDARY SCHOOLS

### Austin

St. Augustine High School  
Bird Island  
St. Mary's High School  
Caledonia  
Loretto High School  
Chaska  
Guardian Angel High School  
Cold Springs  
St. Boniface High School  
Collegeville  
St. John's High School  
Crookston  
Cathedral High School  
Mt. St. Benedict  
St. Joseph's Academy  
Duluth  
Cathedral High School  
Stanbrook Hall  
Faribault  
Bethlehem Academy  
St. Mary's Hall  
Shattuck Military Academy  
Fergus Falls  
Lutheran Bible School  
Frontenac  
Villa Maria Academy  
Graceville  
St. Mary's Academy  
Lake City  
Mary E. McCahill Institute  
Little Falls  
St. Francis High School  
Mankato  
Bethany Lutheran College  
High School  
Good Counsel Academy  
Loyola High School  
Minneapolis  
Academy of the Holy Angels  
Blake School  
De LaSalle High School

### Minneapolis—Continued

Minnehaha Academy  
Northrop Collegiate School  
St. Anthony High School  
St. Margaret's Academy  
University High School  
New Ulm  
Holy Trinity High School  
Owatonna  
Pillsbury Academy  
Rochester  
Lourdes High School  
Rollingstone  
Holy Trinity High School  
St. Cloud  
Cathedral High School  
St. Joseph  
Convent of St. Benedict  
St. Paul  
Academy of Concordia College  
Breck School  
College of St. Catherine (Derham Hall)  
Cretin High School  
Nazareth Hall  
St. Agnes High School  
St. Joseph Academy  
St. Paul Academy  
St. Thomas Military Academy  
Summit School  
Visitation Convent  
Sleepy Eye  
St. Mary's High School  
Wabasha  
St. Felix High School  
Waseca  
Sacred Heart High School  
Winona  
Cotter High School  
St. Thomas Cathedral High School  
Winsted  
Holy Trinity High School

## ACCREDITED MINNESOTA COLLEGES

### 1. Four-year colleges

Augsburg College, Minneapolis  
Carleton College, Northfield  
College of St. Benedict, St. Joseph  
College of St. Catherine, St. Paul  
College of St. Scholastica, Duluth  
College of Saint Teresa, Winona  
Concordia College, Moorhead  
Gustavus Adolphus College, St. Peter  
Hamline University, St. Paul  
Macalester College, St. Paul  
St. Johns University, Collegeville  
St. Mary's College, Winona  
St. Olaf College, Northfield  
St. Thomas College, St. Paul

### 2. Minnesota teachers colleges

Bemidji Teachers College  
Mankato State Teachers College  
Miss Wood's Kindergarten-Primary Training School<sup>1</sup>

### Minnesota teachers colleges—Continued

Moorhead State Teachers College  
St. Cloud State Teachers College  
St. Paul Diocesan Teachers College  
Winona State Teachers College

### 3. Junior colleges

Austin Junior College  
Bethany Lutheran College, Mankato  
Bethel Institute, St. Paul  
Brainerd Junior College  
Concordia College, St. Paul  
Crosby-Ironton Junior College  
Duluth Junior College  
Ely Junior College  
Eveleth Junior College  
Hibbing Junior College  
Itasca Junior College, Coleraine  
Rochester Junior College  
Virginia Junior College  
Worthington Junior College

<sup>1</sup> Graduates will be admitted to the College of Education with 60 blanket credits provided they meet the standards for admission required of freshmen in the College of Science, Literature, and the Arts.

# The Bulletin of the UNIVERSITY of MINNESOTA

## Class Schedule

Part I: Fall Quarter, 1948

Part II: Winter and Spring Quarters, 1949

Agriculture, Forestry, and Home Economics; Business Administration; Chemistry; Child Welfare; Education; Library Instruction; Medical Departments serving other colleges; Military Science; Naval Science; Physical Education; and Science, Literature, and the Arts

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## UNIVERSITY CALENDAR 1948-49

1948

### *Fall Quarter,*

August 2 -September 24			Entrance Tests. <sup>1</sup> Fall Registration <sup>2</sup> : Dates for the various colleges will be announced in the press and in mailed instructions. Students are urged to register early. It is expected that all students who can do so will register before September 1
September	13	Monday	Extension registration, first semester, begins
September	16	Thursday	Fall quarter fees due for students registered through September 10
September	20-24		New student week; program of orientation. Details will be announced in instructions issued at registration. All new students are expected to attend
September	24	Friday	Last day for registration <sup>2</sup> and payment of fees for the undergraduate colleges
September	25	Saturday	Last day for extension registration
September	27	Monday	Fall quarter classes begin 8:00 a.m. <sup>3</sup>
			First semester extension classes begin <sup>4</sup>
September	30	Thursday	Opening convocation, 11:00 a.m. New students excused from IV hour classes to attend
October	1	Friday	Last day for registration and payment of fees for the Graduate School, and for teachers in service
October	12	Tuesday	Columbus Day; holiday (except extension)
October	30	Saturday	Homecoming Day
November	6	Saturday	Dads Day
November	11	Thursday	Armistice Day; holiday (except extension)
November	18	Thursday	Senate meeting, 3:00 p.m.
November	25	Thursday	Thanksgiving Day; holiday
December	10-11 and 13-16		Final examination period
December	16	Thursday	Commencement, 8:00 p.m.
December	18	Saturday	Fall quarter closes <sup>5</sup>

### *Winter Quarter*

December	23	Thursday	Winter quarter fees due for students in residence fall quarter in undergraduate colleges
1949			
January	3, 4	Monday, Tuesday	Entrance tests. <sup>1</sup> Registration <sup>2</sup> for all new students not already registered. Registration and payment of fees for new students in all undergraduate colleges close
January	4	Tuesday	Winter quarter classes begin 8:00 a.m. <sup>3</sup>
January	7	Friday	Last day for registration and payment of fees for the Graduate School, and for teachers in service
January	24	Monday	Extension registration, second semester begins
February	4	Friday	First semester extension classes close
February	5	Saturday	Last day for extension registration
February	7	Monday	Second semester extension classes begin <sup>4</sup>

See page 4 for footnotes.

February	12	Saturday	Lincoln's Birthday; holiday
February	13-19		University of Minnesota Week
February	17	Thursday	Charter Day. Senate meeting, 3:00 p.m.
February	22	Tuesday	Washington's Birthday; holiday (except extension)
March 11-12 and 14-17			Final examination period
March	17	Thursday	Spring quarter fees due for students in residence winter quarter in undergraduate colleges. Commencement, 8:00 p.m.
March	19	Saturday	Winter quarter closes

*Spring Quarter*

March	25, 28	Friday, Monday	Entrance tests. <sup>1</sup> Registration <sup>2</sup> for all new students not already registered Registration and payment of fees for new students in all undergraduate colleges close
March	28	Monday	Spring quarter classes begin 8:00 a.m. <sup>3</sup>
April	1	Friday	Last day for registration and payment of fees for the Graduate School, and for teachers in service
April	15	Friday	Good Friday; holiday (except extension)
May	12	Thursday	Cap and Gown Day Convocation, 11:00 a.m. Graduating students excused from IV hour classes to attend
May	14	Saturday	Mothers Day
May	19	Thursday	Senate meeting, 3:00 p.m.
May	30	Monday	Memorial Day; holiday (except extension)
June	3	Friday	Second semester extension classes close
June	5	Sunday	Baccalaureate service, 11:00 a.m.
June 4 and 6-10			Final examination period
June	11	Saturday	Spring quarter closes. Commencement, 8:00 p.m.

*Summer Session*

June	13, 14	Monday, Tuesday	Registration <sup>2</sup> for new students not already registered. First term fees due for students in all colleges
June	15	Wednesday	First term Summer Session classes begin 8:00 a.m. <sup>3</sup>
July	4	Monday	Independence Day; holiday
July	21	Thursday	Commencement, 8:00 p.m.
July	23	Saturday	First term closes
July	25	Monday	Registration <sup>2</sup> for new students not already registered. Second term fees due for students in all colleges
July	26	Tuesday	Second term classes begin 8:00 a.m. <sup>3</sup>
August	25	Thursday	Commencement, 8:00 p.m.
August	27	Saturday	Second term closes

<sup>1</sup> Applicants are urged to take entrance tests one to two months in advance of the quarter for which admission is desired. Tests may be taken at the Student Counseling Bureau, 101 Eddy Hall.

<sup>2</sup> Registration subsequent to the date specified will necessitate the approval of the college concerned. See privilege fees for late registration or late payment of fees, page 42 in *General Information Bulletin* and in *Summer Session Bulletin*.

<sup>3</sup> First hour classes begin at 7:45 a.m. at St. Paul Campus.

<sup>4</sup> This date does not refer to correspondence study courses, which may be started at any time during the year.

<sup>5</sup> Extension classes resume Monday, January 3.



## DIRECTORY OF COLLEGE OFFICES

Agriculture, Forestry, and Home Economics, College of .....	202Ad	Medical School .....	136MeS
Business Administration, School of .....	127VH	Science, Literature, and the Arts, College of .....	219Adm
Education, College of .....	204Bu	Junior College Office .....	106F
Institute of Technology .....	133E	Senior College Office .....	146Ph

## DIRECTORY OF DEPARTMENTAL OFFICES

Admissions and Records, Office of; Minneapolis Campus .....	105Adm	Home Economics .....	215HE
Admissions and Records, Office of; St. Paul Campus .....	203dAd	Home Economics Education .....	215HE
Agricultural Biochemistry .....	214SnH	Horticulture .....	111Hr
Agricultural Economics .....	303aHH	Industrial Education .....	101TNUH
Agricultural Education .....	205Hr	Japanese .....	118F
Agricultural Engineering .....	201En	Journalism .....	111MurHH
Agricultural Journalism .....	107Ad	Library Instruction .....	7Lib
Agronomy, Plant Genetics .....	308Ag	Linguistics and Philology .....	317F
American Studies .....	227F	Mathematics .....	119F
Anatomy .....	201IA	Methods, Directed Teaching .....	204Bu
Animal Husbandry .....	8LsPav	Military Science and Tactics .....	106A
Anthropology .....	112TSMc	Music .....	107ScH
Art .....	108J	Music Education .....	107ScH
Art Education .....	105J	Naval Science and Tactics .....	203A
Astronomy .....	359Ph	Nursery School .....	100CWI
Bacteriology .....	228MH	Nursing .....	125MeS
Botany .....	8Bo	Nursing Education .....	125MeS
Business Administration .....	127VH	Philosophy .....	323F
Chemistry .....	127C	Physical Education for Men .....	220CH
Child Welfare .....	101Pt	Physical Education for Women .....	101NGW
Classics .....	118F	Physics .....	148Ph
Curriculum and Instruction .....	204Bu	Physiology .....	318MH
Dairy Husbandry .....	207HH	Plant Pathology and Botany .....	304PP
Drawing, Descriptive Geometry .....	208E	Political Science .....	203Bu
Economics .....	127VH	Poultry Husbandry .....	120TSH
Educational Administration .....	204Bu	Psychology .....	112Psy
Educational Psychology .....	204Bu	Public Health .....	121MH
English .....	219F	Rhetoric .....	309En
Entomology, Economic Zoology .....	300Ad	Romance Languages .....	200F
Forestry .....	110GH	Rural Sociology .....	202OD
General Studies .....	106F	Russian .....	118F
Geography .....	101aBu	Scandinavian .....	13F
Geology and Mineralogy .....	108P	Sociology and Social Work .....	108J
General Education .....	204Bu	Soils .....	100aSo
German .....	210F	Speech .....	309aF
History .....	102Bu	Student Counseling Bureau .....	101EdH
History of Education .....	204Bu	Veterinary Medicine .....	119Ve
		Zoology .....	108Z

## EXPLANATIONS

**Course numbering**—A course is designated by a department name, course number, and section number (if more than one section is offered). Numbers preceded by a dash (—) identify lecture, recitation or laboratory sections.

Junior College courses in the College of Science, Literature, and the Arts (primarily for freshmen and sophomores) are numbered from 1 to 49. Senior College courses in the College of Science, Literature, and the Arts are numbered as follows: courses primarily for juniors and seniors, from 50 to 99; for juniors, seniors, and graduates, from 100 to 199; for graduates only, from 200 up. This system is not uniformly followed by departments in other colleges than Science, Literature, and the Arts.

**Credits**—The number of credits is indicated in parentheses following the room. Credits shown are for one quarter only.

### Class Hour Schedule

	Minneapolis Campus	St. Paul Campus
I Hour	8:00- 8:50	7:45- 8:35
II Hour	9:00- 9:50	8:45- 9:35
III Hour	10:00-10:50	9:45-10:35
IV Hour	11:00-11:50	10:45-11:35
V Hour	12:00-12:50	11:45-12:35
VI Hour	1:00- 1:50	12:45- 1:35
VII Hour	2:00- 2:50	1:45- 2:35
VIII Hour	3:00- 3:50	2:45- 3:35
IX Hour	4:00- 4:50	3:45- 4:35
X Hour	5:00- 5:50	4:45- 5:35
XI Hour	6:00- 6:50	5:45- 6:35
XII Hour	7:00- 7:50	6:45- 7:35

**Instructors, hours, and rooms not listed will be arranged.** Students should contact department concerned to obtain this information.

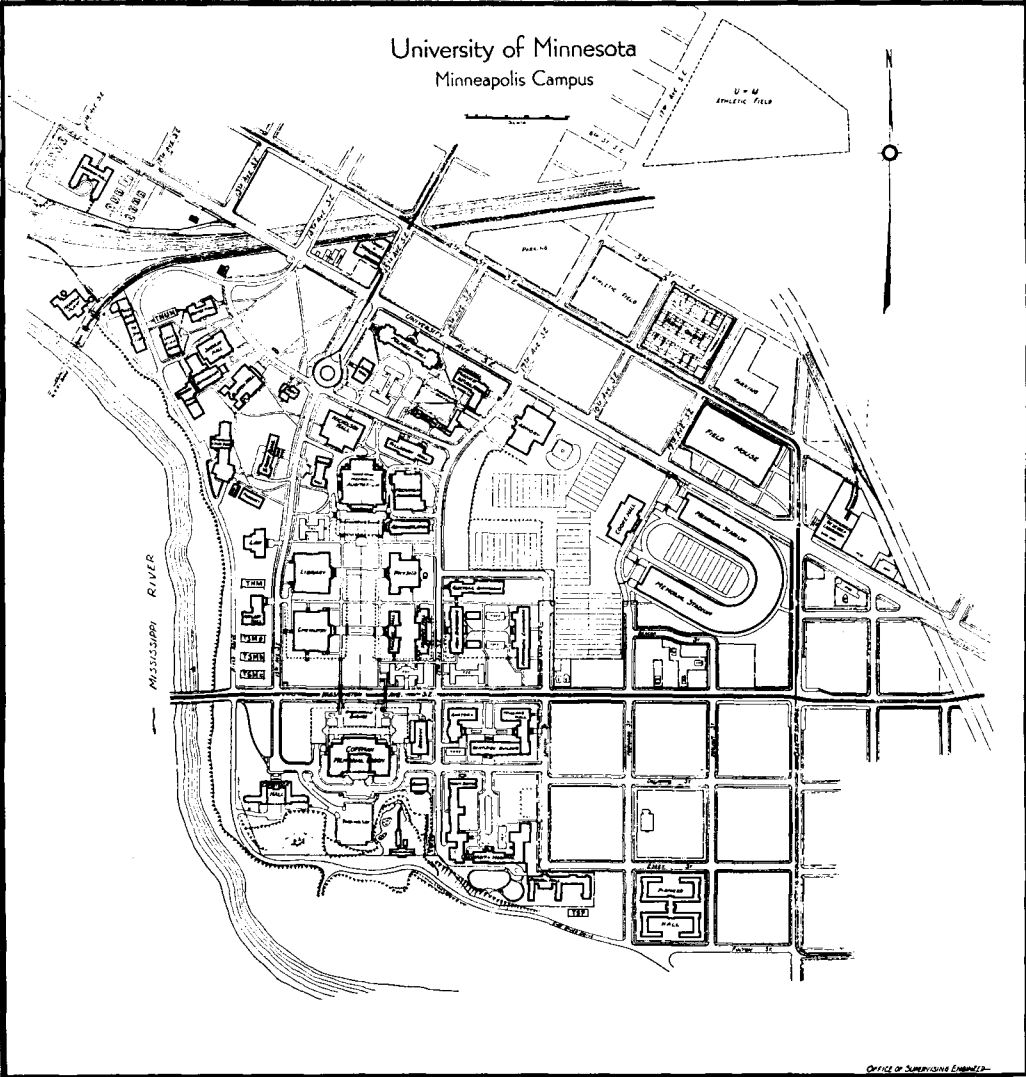
**Prerequisites**—For prerequisites and course descriptions see college bulletin.

### KEY TO BUILDING ABBREVIATIONS

A, Armory	CH, Cooke Hall
Ad, Administration, University Farm	CMU, Coffman Memorial Union
Adm, Administration	CoH, Ada Comstock Hall
Ag, Agronomy, University Farm	CS, Carpenter Shop, University Farm
AgrBot, Agricultural Botany, University Farm	CSP, Cold Storage Plant, University Farm
AH, Appleby Hall	CSS, Corn Seed Stocks, University Farm
BB, Bull Barn, University Farm	CWI, Child Welfare Institute
BCB, Beef Cattle Barn, University Farm	DCB, Dairy Cattle Barn, University Farm
BeH, Berry House, University Farm	DeH, Dexter Hall, University Farm
BFH, Botany Field House, University Farm	DH, Dining Hall, University Farm
Bo, Botany	DHD, Dining Hall Dormitory, University Farm
BoG, Botany Greenhouse	E, Main Engineering
Bot, Botany, University Farm	EdH, Eddy Hall
BrH, Brewster Hall, University Farm	EE, Electrical Engineering
Bu, Burton Hall	En, Engineering Bldg., University Farm
C, Chemistry Building	Ex, Experimental Engineering
CCS, Center for Continuation Study	

F, Folwell Hall  
 FCFH, Farm Crops Field House, University Farm  
 FdH, Field House  
 G, Greenhouse (13th and University Ave. S.E.)  
 GH, Green Hall, University Farm  
 Gy, Gymnasium, University Farm  
 HB, Horse Barn, University Farm  
 HE, Home Economics, University Farm  
 HH, Haecker Hall, University Farm  
 HL, Hydraulic Laboratory, Hennepin Island  
 HoB, Home Building, University Farm  
 Hospitals  
   CL, Cancer Institute  
   EH, Eustis Hospital  
   EMH, Elliot Memorial Hospital  
   HS, Health Service  
   PW, Psychiatric Ward  
   TM, Todd Memorial Hospital  
   UD, University Dispensary  
 HP, Heating Plant  
 Hr, Horticulture, University Farm  
 HS, Health Service, University Farm  
 IA, Institute of Anatomy  
 J, Jones Hall  
 L, Law Building  
 Lib, Library Building  
 LsPav, Livestock Pavilion, University Farm  
 MB, Music Building, University Farm  
 ME, Mechanical Engineering  
 MeH, Meredith Hall, University Farm  
 MeS, Medical Sciences  
 MEx, Mines Experiment Station  
 MH, Millard Hall  
 MNH, Museum of Natural History  
 MS, Machinery Shop, University Farm  
 MSh, Meat Shop, University Farm  
 MurH, William J. Murphy Hall  
 NGW, Norris Gymnasium for Women  
 NH, Nicholson Hall  
 NMA, Northrop Memorial Auditorium  
 OD, Old Dairy, University Farm  
 OSL, Oak Street Laboratories  
 P, Pillsbury Hall  
 Pe, Pendergast Hall, University Farm  
 PG, Poultry Group, University Farm  
 Ph, Physics  
 PH, Power House, University Farm  
 PiH, Pioneer Hall  
 PoH, Louise M. Powell Hall  
 PP, Plant Pathology, University Farm  
 Psy, Psychology  
 Pt, Pattee Hall  
 SaH, Sanford Hall  
 SB, Swine Barn, University Farm  
 SBH, State Board of Health  
 ScH, Scott Hall  
 SH, Seed House, University Farm  
 ShH, Shevlin Hall  
 SnH, Snyder Hall, University Farm  
 So, Soils, University Farm  
 SS, Storehouse and Shops  
 St, Stock Pavilion, University Farm  
 Stad, Stadium  
 Stor, Storehouse, Oak and University  
 TCH, Temporary, Court of Hospital  
 TEH, Temporary, East of Haecker Hall, University Farm  
 TH, Thatcher Hall, University Farm  
 TNCE, Temporary, North Court of Engineering  
 TNHS, Temporary, North of Health Service  
 TNL, Temporary, North of Library  
 TNM, Temporary, North of Mines (AH)  
 TNUH, Temporary, North of University High School  
 TSA, Temporary, South of Administration, University Farm  
 TSCE, Temporary, South Court of Engineering  
 TSE, Temporary, South of Engineering  
 TSF, Temporary, South of Folwell  
 TSH, Temporary, South of Haecker Hall, University Farm  
 TSMa, First Temporary, South of Mines (AH)  
 TSMb, Second Temporary, South of Mines (AH)  
 TSMc, Third Temporary, South of Mines (AH)  
 TSP, Temporary, South of Powell Hall  
 TSV, Temporary, South of Vincent  
 TWH, Temporary West of Hospitals  
 UHS, University High School  
 VB, Veterinary Barn, University Farm  
 Ve, Veterinary, University Farm  
 VH, Vincent Hall  
 WeH, Wesbrook Hall  
 WeiH, Weigley House, University Farm  
 WuH, Wulling Hall  
 Z, Zoology Building

University of Minnesota  
Minneapolis Campus





## COURSE FEES

*The following courses require payment of course fees as indicated.*

Aeronautical Engineering Laboratory fee, required of all sophomores, juniors, and seniors in aeronautical engineering .....	\$ 3.00 per quarter
46, Orientation course in Link Flying	
No fee for Aero Engineers; other students .....	42.00 per quarter
47, Basic Instrument Course, all students .....	7.00 per hour
48, Advanced Instrument Course, all students .....	7.00 per hour
49, Refresher Course, all students .....	7.00 per hour
Minimum 6 hours or \$42	
Agricultural Education 82, 91, 199E .....	1.50 per credit
Agricultural Engineering 5, 6, 13, 14, 19, 20, 21, 23, 24, 25, 33, 35, 40, 72	1.00 per quarter
43, 41 .....	6.00 per quarter
42 .....	3.00 per quarter
American Studies 21, 71 (Hum. 21, 71) .....	1.00 per quarter
Architecture 160, 262, IHP-I-II .....	1.00 per quarter
AD I-II-III, Arch. 40 .....	3.00 per quarter
AD IV .....	10.00 per quarter
Art 1, 4, 5, 20, 21, 50, 51, 52, 53, 54, 55, 60, 61, 62, 63, 64, 65, 70, 71, 72, 73, 74, 75, 80, 81, 82, 90, 91, 92, 133, 134, 135, 150, 151, 152, 153, 154, 155, 200, 201, 202 .....	1.00 per quarter
33, 34, 35, 43, 44, 45, 83, 84, 85, 87, 88, 89, 93, 94, 95, 97, 183, 184, 185, 193, 194, 195 .....	2.00 per quarter
10 .....	5.00 per quarter
Art Education 84, 86, 87, 88, 184, 185 .....	1.50 per credit
Astronomy 20 .....	1.00 per quarter
Botany 1, 2, 3, 50, 51, 52, 53, 54, 112, 113, 114, 115, 118, 119, 121, 127, 130, 132, 134, 137, 165, 196, 197, 198, 199 .....	1.50 per quarter
4, 5 .....	2.25 per quarter
120, 123, 154, 173, 174, 175, 179, 180, 181 .....	3.00 per quarter
Business Administration	
112, 130, 139, 150 .....	2.00 per quarter
170, 171 .....	1.00 per quarter
Communications 1 .....	1.00 per quarter
Drawing 65 (Jour. 65) .....	1.00 per quarter
Economics 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43—(for one or more of these courses) .....	2.50 per quarter
Education 51A-B-C, 55A-B, 71A-B-C .....	1.50 per credit
Ed.C.I., Curriculum and Instruction. All courses .....	1.50 per credit
Ed.T., Methods and Directed Teaching. All courses .....	1.50 per credit
Entomology 5, 21, 51, 52, 117, 119, 120, 121, 125, 126, 127, 141, 142, 144, 145, 146, 150, 164, 165, 166, 170, 175, 176, 179 .....	1.50 per quarter
55, 128, 129, 140, 168, 169, 177 .....	5.00 per quarter
Electrical Engineering 12, 14, 112, 114, 116, 118, 120, 127, 128, 129 .....	1.00 per quarter
16, 122, 124, 126, 164, 165, 166 .....	2.00 per quarter
English 4 (Engineering English) .....	1.50 per quarter
Family Life 14 .....	3.00 per quarter

General College 10A .....	1.00 per quarter
22A-B-C, 22X, 23A-B-C-D, 23AX-BX-CX-DX, 24A-B-C, 24AX- BX-CX, 25A-B-C, 25X, 28, 32A-B-C, 32AX-BX-CX, 33A-B-C, 33AX-BX-CX .....	1.50 per quarter
26A, 26B .....	5.00 per quarter
Geology A, B, 23, 24 .....	1.00 per quarter
Home Economics Education 91, 93, 94, 197, 199E .....	1.50 per credit
Humanities 1, 11, 21, 51, 61, 71 .....	1.00 per quarter
Industrial Education 1, 2, 3, 5, 6, 7, 10, 11, 12, 15, 16, 20, 21, 25, 26, 50A-B-C, 70, 75 .....	1.50 per credit
Journalism, general fee .....	1.00 per quarter
The general fee of \$1 is charged students registered for courses in Journalism with the exception of Journalism 5. The fee is \$1 per quarter regardless of the number of courses taken.	
The following courses have fees in addition to the \$1 general fee:	
51, 58, 67, 68 (in addition to general fee) .....	2.00 per quarter
41, 52, 55 (in addition to general fee) .....	3.00 per quarter
10, 66 (in addition to general fee) .....	5.00 per quarter
Library Tuition (for all Library courses except Lib. 1)	
Students taking 12 credits or more of library courses will pay full tuition rate for Library—\$42 (residents), \$75 (nonresidents) and may take other courses with no college tuition charge. Students taking less than 12 credits of library courses will pay the library rate for library courses and the college rate for other courses except that no student will be charged more than \$42 (resident), \$75 (nonresident) regardless of courses pursued,	
Mechanical Engineering 1-9, 12-18, 110-114 .....	2.00 per quarter
Methods and Directed Teaching. All courses .....	1.50 per credit
Music 11-27, Mu.Ed. 225E, one individual lesson per week, 2 credits .....	30.00 per quarter
Two individual lessons per week, 4 credits .....	60.00 per quarter
Class lessons in courses 11C, 12C, 2 credits .....	15.00 per quarter
A, B, C, D, E, F one individual lesson per week, no credit .....	30.00 per quarter
Music Education 4-6, 50-65, 50A-B .....	1.50 per credit
Natural Science 4, 5, 6 .....	1.00 per quarter
7, 8, 9 .....	1.50 per quarter
Physical Education (men) 53, 54, 55, 73, 74, 75, 199 .....	1.50 per credit
A towel and locker fee of \$1.25 per quarter, payable at the depart- ment, is charged all students using physical education facilities for activity. Uniforms for class work or recreational activity are \$1 per quarter.	
Physical Education (women) 1-6, 54, 71 .....	1.75 per quarter
21A-B-C, 41A-B-C .....	3.50 per quarter
Maximum course fee of \$3.50 per quarter on the above courses regardless of the number of courses taken.	
50, 51 (one or both) .....	2.00 per quarter
57A-B, 61A-B-C, 64, 65A-B, 73A-B-C, 83, 90A-B-C .....	1.50 per credit
Physical Therapy 75 .....	3.00 per quarter
Physics 1a, 2a, 3a, 4-9, 52, 110, 112, 134, 136, 144, 145, 146, 154 .....	2.00 per quarter
Psychology 4, 5, 135, 136, 137 .....	1.00 per quarter
130 .....	2.00 per quarter

Public Health 65, 66, 67, 119, 129, 138, 139, 173, 190 .....	1.00 per credit
80, 111, 121, 131, 140, 150 .....	1.00 per quarter
185, 186 .....	3.00 per quarter
169 .....	100.00 per course
Rhetoric 1 (Communications) 12, 22, 28, 54, 59 .....	1.00 per quarter
Social Work 210-217 .....	3.50 per quarter
Speech 1, 2, 3, 5, 6, 51, 55, 56, 57, 61, 65, 67, 81, 82, 83 .....	1.00 per quarter
31, 32, 33, 34, 66, 71, 72, 73, 78, 79, 91, 92, 93, 111, 112, 113, 131 .....	2.00 per quarter
Zoology 22, Lab. ....	7.00 per quarter
1, 2, 3, 14, 15, 21, 50, 51, 52, 53, 55, 57, 58, 75, 81, 100, 101, 102, 107, 108, 109, 110, 111, 112, 113, 115, 116, 117, 118, 119, 121, 125, 126, 127, 128, 129, 132, 143, 144, 145, 146, 149, 150, 155, 160, 161, 170, 171, 180 .....	1.50 per quarter

#### COURSES REQUIRING DEPOSIT CARDS

Nonveterans should purchase Agricultural Biochemistry, Chemistry, or Physiological Chemistry deposit cards as appropriate. Chemistry, Pharmacy, and Physiological Chemistry cards may be purchased from the bursar, Administration Building, Minneapolis Campus. Agricultural Biochemistry cards may be purchased from the cashier, Administration Building, St. Paul Campus. Chemistry deposit cards are \$10 each. Other deposit cards are \$5 each. Veterans will receive information from the instructor concerning cards and checking into laboratory. No student will be assigned a desk in the laboratory until he presents his card. The course fee, laboratory material, and breakage will be charged against the card. The unused balance will be credited to the student's matriculation deposit at the end of the course.

Agricultural Biochemistry 2 .....	2.00 per quarter
103, 110, 117, 118, 129, 130, 131, 132, 133, 202, 203, 212 .....	5.00 per quarter
Analytical Chemistry 1, 2, 7, 9, 96, 97, 98, 101, 102, 103, 104, 105, 106, 107, 108, 122, 123, 127, 131, 132, 134, 138, 140 .....	3.00 per quarter
Chemical Engineering 76, 77, 105, 106, 111, 112, 113, 151, 152, 153, 154, 155, 160, 176, 177, 179 .....	3.00 per quarter
Inorganic Chemistry 1, 2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 96, 97, 98, 102, 109, 110 .....	3.00 per quarter
Organic Chemistry 61, 62, 64, 96, 97, 98, 102, 130 .....	3.00 per quarter
139 .....	10.00 per quarter
Physical Chemistry 96, 97, 98, 104, 105, 106, 107, 108, 132, 133, 134, 211, 212, 213, 231 .....	3.00 per quarter
Pharmacy. Deposit (\$5) required of all sophomores, juniors, and seniors in Pharmacy.	
Pharmacognosy 55, 56, 57 .....	2.50 per quarter
162, 163 .....	5.00 per quarter
Physiological Chemistry 100, 101, 102, 103 .....	3.00 per quarter

#### SPECIAL FEES

##### SUPPLEMENT TO GENERAL INFORMATION BULLETIN

Music Practice fees:

Piano and practice room 1 hr. per week .....	1.00 per quarter
2 hours per week .....	2.00 per quarter
Each additional hour per week .....	.50 per quarter
Small organ and practice room .....	.20 per hour
Large organ and practice room .....	.40 per hour
Practice room for other instruments, 10 hours per week .....	2.00 per quarter



Speech Clinic fees:

Special Clinical Treatment (for students) ..... 5.00 per quarter

Special Clinical Treatment (for non-students)

Articulatory cases

1 lesson per week ..... 15.00 per quarter

2 lessons per week ..... 25.00 per quarter

3 lessons per week ..... 30.00 per quarter

4 lessons per week ..... 35.00 per quarter

5 lessons per week ..... 40.00 per quarter

Stutterers

Full-time remediation ..... 100.00 per quarter

Half-time remediation ..... 50.00 per quarter

One-quarter time remediation ..... 30.00 per quarter

Thesis binding fee, Graduate School ..... 2.50 per quarter

**CORRECTION TO GENERAL INFORMATION BULLETIN**

Incidental fee, required of all students registered for 6 credits or more:

Students in the Institute of Technology ..... 11.95 per quarter

Students in other colleges ..... 11.45 per quarter

## REGISTRATION TALLY PROCEDURE

As part of the registration procedure, all students, including graduate students, must tally for courses in which class sizes are limited or "controlled." To tally, the student obtains an IBM class reservation card for each of the controlled classes for which he is registering.

IBM cards for controlled classes, obtained at the tally offices listed below, must be attached to the student's registration blank when it is turned in. It is the responsibility of every student to see that IBM cards obtained correspond to the course and section numbers listed on his registration blank. Registration blanks will not be accepted by the Office of Admissions and Records unless IBM cards are attached for all classes for which control is maintained.

A manual tally is maintained at 136E, and IBM cards are not issued for classes tallied at that office.

Courses being controlled and offices at which control is maintained are as follows:

### AGRICULTURE, FORESTRY, AND HOME ECONOMICS

All courses are controlled and tallied at 203d Ad., St. Paul Campus with following exceptions:

Agr.Eng. 5, 52, 67, 71, 101, 111, 121 tallied at 136En

H.E. 1, 20, 31, 52, 56A, 76, 120 tallied at 106F for SLA students

### BUSINESS ADMINISTRATION

All courses are controlled except: B.A. 97, 183; Econ. 32, 33, 34, 37, 40, 43, 97, 203, 233.

Controlled courses are tallied at 106VH with following exceptions:

Econ. 8, 28 tallied at 136E

Econ. 10 tallied at 101WuH

Other Econ. courses tallied at 106F for all students except those registered in the School of Business Administration.

### EDUCATION

Courses listed are controlled, and tallied at 204Bu unless otherwise indicated:

Agr.Ed., all courses tallied at 203d Ad., St. Paul Campus

Art Ed. 14, 17, 56A, 56B, 81A, 86, 151, 185

Ed. 55A, 55B

Ed.C.I. 125

Hist. of Ed. 180

H.E.Ed., all courses tallied at 203d Ad., St. Paul Campus

Ind.Ed. 1, 5, 11, 15

Mu.Ed. 4

### GENERAL COLLEGE

All courses are controlled and tallied at 108WeH.

### INSTITUTE OF TECHNOLOGY

All courses controlled except courses numbered 200 and over, with exception of Chem.Eng. 201, and the following Chemistry courses: Anal.Chem. 106, 109, 122, 123, 131, 134, 135; Inorg.Chem. 103, 134; Org.Chem. 102, 105, 110, 139, 141; Phys.Chem. 116, 128, 132, 161.

Controlled courses are tallied at 136E with following exceptions:

Anal. 7 tallied at 106F

Inorg. 1 (Sec. 1); 4 (Sec. 5) tallied at 203d Ad., St. Paul Campus

Inorg. 1 (Sec. 2, 3, 6); 4 (Sec. 3, 4); 6 (Sec. 2); 9 (Sec. 2); 11 (Sec. 1); 12 (Sec. 2); 13 (Sec. 2); tallied at 106F

Phys. 107 tallied at 106F

Draw. and Desc. Geom. 44, 45 tallied at 106F

### MEDICAL SCHOOL

Courses listed are controlled and tallied as indicated:

Bact. 53 tallied at 106F

P.H. 3, 111 tallied at 106F

### SCIENCE, LITERATURE, AND THE ARTS

Courses listed are controlled and tallied at 106F unless otherwise indicated:

Art 1, 4, 5, 10, 20, 21, 33, 43, 44, 45, 50, 53, 60, 63, 70, 73, 80, 83, 87, 90, 93, 133

Bot. 1, 50, 113, 119, 130, 131

Comp. A, C, 4, 5, 6, 7, 27, 28, 29

Eng. 21, 55, 56, 97

Gen.Stud.

Com. 1, 2, 3

F.L. 1, 14, 15, 20, 25

Hum. 1, 3, 4, 11, 21, 51, 61, 71

Nat.Sci. 1, 4, 7

Per.Or. 1, 11

Soc.Sci. 1, 2, 3, 11

Geog. 11, 41, 43

Geol. A, B, 23 (Sec. 1)

Geol. 23 (Sec. 2, 3, 4) 106 (Sec. 2, 3) tallied at 136E

Germ. 1, 1a, 1b, 2, 3, 4, 33

Germ. 24, 27 tallied at 136E

Hist. 1, 3, 4, 20

Jour. 10, 11, 13, 15, 51, 52, 55, 66, 67, 73, 140

Lib. 1

Math. 1, 6, 7, 8, 15, 30, 50, 51

Mu. 1, 1T, 4T, 31, 34, 37, 40, 43, 43U

Phil. 1, 2, 2A, 3, 50

Phys. 1, 1a, 2, 2a, 4, 5, 134, 144

Phys. 7, 8, 9 tallied at 136E

Pol.Sci. 1, 5, 7, 9, 15, 25, 51

Psy. A, 1, 4, 65, 101, 125, 130, 135

Rom.Lang.

French 1, 1a, 2, 3, 4

Portuguese

Spanish 1, 1a, 2, 3, 4

Soc. 1 (5 cred.), 2, 45, 49

Soc. 1 (3 cred.) tallied at 203d Ad., St. Paul Campus

Speech 1, 2, 3, 5, 6, 32, 34, 55, 61, 65, 66, 67, 81, 83, 85, 101, 106

Zool. 1, 14, 21, 51, 81, 107

Zool. 128 tallied at 203d Ad., St. Paul Campus

# UNIVERSITY OF MINNESOTA

## Student's Copy of Fall Quarter Classes

EXAMPLE

Name.....

This work sheet should be retained for your personal information during the first weeks of classes.

<i>Course and Section.....</i>	<i>Rhet. 22 Sec. 5</i>
<i>Room and Building.....</i>	<i>312 En</i>
<i>Instructor.....</i>	<i>Laird</i>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
I						
II						
III						
IV						
V						HAVE
VI						YOU
VII						CHECKED
VIII						ALL
IX						SECTION
X						NUMBERS
						<i>Classes</i>
						<i>Convene</i>
						<i>September 27</i>

# PART I: FALL QUARTER

## COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

### AGRICULTURAL BIOCHEMISTRY

- 1 II MTWThF, AudGH (5) Mann
- 2 VI-IX MWF, 116SnH (5) Bleidner
- 3 I TThS, AudAd and AudGH (3)
- 118 Ar (3 to 5)
- 119 III MWF, 113 SnH (3) Briggs
- 124 III TThS, 113SnH (3) Schultze
- 129 VI-VIII TTh, 202SnH (2) Briggs
- 202 VI-IX MW, 208SnH (3) Boyer
- 203 Ar (2 to 5)
- 205 Ar (1 to 3)
- 208 Ar (1) Geddes
- 212 Ar (3) Schultze
- 213 Ar (1) Jenness
- 216 Ar (1) Schultze
- 219 Ar (1) Briggs
- 220 Ar (1) Sandstrom
- 221 Ar (1) Smith
- 222 Ar (1) Briggs
- 224 Ar (1) Staff

### AGRICULTURAL ECONOMICS

- 1—1, I MWF, 109HH (3) Lowe
- 2, III MWF, 109HH (3) Lowe
- 3, I MWF, 100HH (3) Day
- 4, III MWF, 107En (3) Day
- 3 II MTWThF, 109HH (5) Lowe
- 25 Lect. II MWF, Lab. VIII-IX Th, 311HH (4) Koller
- 30 II TThS, 130TSH (3) Taylor
- 40 I MWF, 210HH (3) Cox
- 50 IV MTWFS, 130TSH (5) Koller
- 90 Lect. III TThS, Lab. ar, 210HH (5) Cox
- 110 I TThS, 130TSH (3) Dowell
- 126 I TThS, 100HH (3) Waite
- 140 III MWF, 130TSH (3) Cox
- 144 II TThS, 311HH (3) Jesness
- 221 Ar (3) Pond

### AGRICULTURAL ENGINEERING

- 3 III-IV MWF, 303En (3) Christopherson
- 5 Lect. I MW, 41, 48En (3) Otis
- Lab. II MW and I-II F
- 13 VI-VIII WF, 37, 216En (3) Torrance
- 19 Lect. V T, 217En (3) Larson
- 1, Lab. VI-VIII TTh, 305En
- 2, Lab. II-IV TTh, 305En
- 20 Lect. V M, 217En (3) Allred
- 1, Lab. VI-VIII MF, 305En
- 2, Lab. II-IV MF, 305En
- 24 Lect. III MWF, 101En (4) Hustrulid
- 1, Lab. VI-VII M, 102En
- 2, Lab. VI-VII F, 102En
- 3, Lab. IX-X T, 102En
- 4, Lab. IX-X Th, 102En
- 5, Lab. I-X F, 102En
- 33 VI-VIII WF, 107En (3) Manson
- 35 Lect. III TThS, 101En (5) Hustrulid
- 1, Lab. I-II TTh, 102En, Flikke
- 2, Lab. VI-VII TTh, 102En, Tyler
- 38 II TTh, 101En (2) Tyler

- 40 I-II MWF, 20, 106En (3) Dent
- 52 Lect. VI TTh, 216En (3) Schwantes
- Lab. VII-IX Th, 49En
- 67 Lect. I TTh, 303En (3) Otis
- Lab. II Th and II-III S, 303En
- 70 I MWF, 105En (3) Strait
- 71 Lect. VI M, 105En (3) Strait
- Lab. VII-IX MW, 303En
- 101 Ar, 105En (2 to 6) Manson, Allred
- 104 Ar, 105En (3) Manson
- 111 Ar, 303En (2 to 6) Otis, Christopherson
- 121 Ar (2 to 6) Schwantes, Hustrulid, Strait
- 201 Ar, 105En (2 to 6) Manson, Allred
- 211 Ar (2 to 6) Schwantes, Hustrulid, Strait

### AGRICULTURAL JOURNALISM

- 54 Ar (3) Swanson

### AGRONOMY AND PLANT GENETICS

- 1 IV MWF, 202Ag (3) Dunham
- 23 VI-VII MWF, 202Ag (4) Schmid
- 31 Lect. I TThS, 202Ag (4) Lambert
- Lab. Ar
- 123 VI-VII MWF, 202Ag (4) Schmid
- 126 Ar, 201Ag (4) Schmid
- 131 Lect. I TThS, 202Ag (4) Lambert
- Lab. Ar
- 135 VI-VII TTh, 202Ag (3) Dunham, Hegeness (prereq. Agron. 1, 3)
- 201 Ar (3 to 9) Dunham, Schmid
- 202 Ar, 408Ag (1½) Dunham, Schmid, Thomas
- 241 Ar (Ar) Burnham, Hayes, Rinke
- 242 VIII-IX F, 408Ag (1) Staff
- 243 Ar, 408Ag (3) Hayes
- 244 Ar (3) Staff
- 245 Ar (3 or 5) Burnham

### ANIMAL HUSBANDRY

- 1 II MTWThF, E,W,CSt (4) Harvey
- 8 III-IV TThS, CSt (4) Ferrin
- 53 VI-VIII TTh, MSh (3) Anderson
- 56 III MWF, 3St (3) Ferrin
- 58 II TThS, 3St (3) Peters
- 101 VI-VII MWF, CSt (3) Harvey
- 116 IV MWF, MSh (3) Green
- 208 Ar (1) Peters
- 211 Ar (3) Ferrin
- 212 Ar (3 to 9) Anderson
- 213 Ar (3 to 9) Staff

### DAIRY HUSBANDRY

- 1 III MWF, 100HH (3) Combs, Morris
- 3 VII-VIII MW, 101HH (2) Thomas
- 101 IV MWF, 210HH (3) Fitch
- 104 VI-VII TTh, 9HH (3) Gilmore
- 111 Lect. VI MW, 210HH (3) Coulter, Thomas
- Lab. VI-VIII F
- 202 Ar, 214HH (Ar) Fitch, Petersen, Gullickson, Gilmore
- 205 Ar (Ar) Combs, Coulter
- 212 Ar (Ar) Olson, Jezeski

**ENTOMOLOGY AND ECONOMIC ZOOLOGY**

- 5 Lect. VI MWF, 107AgrBot (5) Hodson  
Lab. VII-VIII MWF, 302Ad
- 51 Lect. VI MWF, 06Bo (5) Wallace  
—1, Lab. I-II MWF, 202, 208Z  
—2, Lab. III-IV MWF, 208Z
- 55 Ar, 303Ad (3) Milliron
- 63 Lect. IV MWF, 100Ad (4) Quimby  
Lab. Ar
- 117 VI-VIII TTh, 211Z (3) Eddy
- 121 IX-X MWF, 211, Sb3Z (3) Eddy
- 125 Lect. I TTh, 211Z (3) Mickel  
Lab. I-III S, 402Z
- 128 Lect. VI WF, 8Ad (4) Richards  
Lab. VII-IX WF
- 141 I-II MWF, 302Ad (3) Christensen, Granovsky
- 144 VII-IX TTh, 208Z (3) Burroughs (prereq.)  
Zool. 52 or equiv. or consent of instructor)
- 164 Lect. III TTh, 100Ad (3) Marshall  
Lab. I-III S
- 168 Lect. VI MW, 100Ad (3) Smith  
Lab. VII-VIII MW (prereq. Bot. 176 and  
Ent. 64)
- 175 III MWF, 307Ad (4) Cutkomp
- 197 Ar (1 or more) Mickel and others
- 200 Ar (1)
- 201-204 Ar (1) Mickel
- 205-208 Ar (Ar) Granovsky
- 209-212 Ar (Ar) Granovsky
- 213-216 Ar (Ar) Hodson
- 217-220 Ar (Ar) Hodson
- 221-224 Ar (Ar) Cutkomp, Hodson
- 225-232 Ar (Ar) Richards
- 233-236 Ar (Ar) Marshall
- 237-240 Ar (Ar) Smith. Research in Fishery Bi-  
ology
- 261-264 Ar (Ar) Burroughs
- 265-268 Ar (Ar) Cutkomp
- 269-272 Ar (Ar) Haydak

**FOOD TECHNOLOGY**

- 51 VI-VIII TTh, 102SnH (2) Boyer
- 101 VI-VIII TThS, 102SnH (3) Geddes

**FORESTRY**

- 1 V MWF, AudGH (3)
- 7 Lect. IV MW, AudGH (3) Brown  
—1, Lab. VI-VIII M, 206GH  
—2, Lab. VI-VIII W, 206GH  
—3, Lab. II-IV S, 206GH
- 10 Lect. IV WF, 203GH (3) Duncan  
—1, Lab. VI-IX M, Hansen  
—2, Lab. VI-IX T, Hansen
- 49 Ar (2) Rees
- 53 —1, VI-VIII WF, 211GH (3) Rees  
—2, VI-VIII TTh, 211GH (3) Rees
- 56 I MWF, 203GH (3) Kaufert
- 58 III MWF, 201GH (3) Larsen

- 111 VI-X T, 206GH (3) Brown
- 114 I TThS, 3GH (5) Rees
- 121 Ar (3) Hossfeld. Wood Finishing (Jr., sr.,  
grad.; prereq. Org.Chem.)
- 126 III MWF, 203GH (3) Hansen
- 127 II MWF, 201GH (3) Hansen
- 130 I MTWThF, 201GH (5) Allison
- 136 IV TThS, 201GH (3) Allison
- 155 II MWF, 203GH (3)
- 156 Ar (2) Staff
- 157 Ar (2) Staff
- 158 VIII-IX Th, 202GH (1) Staff
- 159 VIII, IX Th, 202GH (1) Staff
- 201 Ar (Ar) Hansen, Schantz-Hansen
- 203 Ar (Ar) Allison, Brown
- 205 Ar (Ar) Allison
- 207 Ar (Ar) Hossfeld, Rees, Kaufert
- 213 Ar (Ar) Hossfeld, Rees, Kaufert
- 218 Ar (Ar) Brown
- 223 VIII-IX Th, 202GH (1) Staff

**HOME ECONOMICS**

- 1—1, III MTWTh, 313HE (4) Bayor
- 2, IV MTWTh, 313HE (4) Bayor
- 2 (See H.E. 52)
- 3—1, III-IV MWF, 304HE (3)
- 2, VI-VIII TTh, 304HE (3)
- 4—1, VI-VII MWF, 304HE (3)
- 2, VI-VIII TTh, 305HE (3) Gorham
- 6 Ar (3) Dunning
- 15 IV MWF, 206WeH (3) Esteros (Not open to  
students in Col. of Agr., For., and H.E.)
- 17—1, IV MWF, 213HE (3) Studley
- 2, VII MWF, 213HE (3) Studley
- 20—1, II MTWF, 203HE (4) V. Goldstein
- 2, III MTWF, 203HE (4) Myren
- 21—1, II-III MWF, 402HE (3) Rasmussen
- 2, VI-VIII TTh, 402HE (3) Myren
- 22 II-III TThS, 402HE (3) Rasmussen
- 24 VI-VIII MW and VI-VII F, 401HE (5)  
Myren
- 25 II-III TThS, 110HE (3) Esteros
- 27 II-III MWF, 401HE (3) Esteros
- 31—1, III MWF, 213HE (3) Gibler
- 2, IV MWF, 102Hr (3) Nymon
- 3, VI MWF, 213HE (3) Nymon
- 33 Lect. III MWF, 307HE (4) Nymon  
Lab. VI-VIII T, 211HE
- 40—1, III-IV MTWThF, 103HE (5) Nelson
- 2, VI-VII MTWThF, 103HE (5) Turnbull
- 3, VIII-IX MTWThF, 103HE (5) Nelson
- 41—1, III-IV MTWF and V WF, 207HE (5)  
Trammell
- 2, III-IV MTWF and V TTh, 207HE (5)  
Turnbull
- 3, VII-VIII TWThF and IX TTh, 207HE (5)  
Trammell
- 45 Lect. V TTh, 213HE (6) Ames (H.E. stu-  
dents only)  
Lab. 8:00-11:00 a.m., Cafeteria

- 46 Lect. IV W, Cafeteria (3) Dunning (H.E. students only)  
 —1, Lab. IV-V MF  
 —2, Lab. IV-V TTh
- 49—1, VII-VIII MWF, 106HE (3) Fuller  
 —2, VI-VIII TTh, 106HE (3) Fuller  
 Household Equipment (Soph.; prereq. Agr. Eng. 35 or permission of instr.)
- 50 III-IV TThS, 307HE (3) Gorham
- 52 VI-VII MWF, 307HE (3) Bayor (Formerly H.E. 2)
- 53 IV-V MWF, 305HE (3) Gorham
- 56A VI-VIII TTh, 401HE (3) Esteros
- 64 Lect. IV MWF (4) Ames  
 Field Trips 1:00-4:00 p.m. F
- 76 IV MTWF (4) Gibler
- 85 VII MWF, 203HE (3) Jeary
- 86 —1, I S and ar. Home Mgt. Houses (4) Studley  
 —2, I S and ar. Home Mgt. Houses (4) Jeary  
 (Students who register for H.E. 86 must not register for a first hour class)
- 102 VI-VIII TTh, 307, 311HE (3) Phelps
- 116 Ar (3)
- 120 VIII MWF, 313HE (3) H. Goldstein
- 121 VI-VII MWF, 402HE (3) Rasmussen
- 142—1, VI-VIII MW, 107HE (3) Gordon  
 —2, VI-VIII TTh, 107HE (3) Noble
- 170 II MWF, 313HE (3) Biester
- 178 Lect. V M, 313HE (2) Gibler  
 —1, Lab. VI-VIII T  
 —2, Lab. VI-VIII Th
- 179 III TTh, 213HE (2) Biester
- 180 IV-V MTWF, 401HE (5) Paulson
- 202 Ar (2) Phelps
- 204 Ar (2) Phelps
- 208 Ar (2 or 3) Phelps
- 209 Ar (1) Phelps
- 247 Ar (3) Noble
- 249 Ar (1 to 2) Noble
- 295-296 Ar (1 to 5)
- 299 Ar (1)

### HORTICULTURE

- 6 II MWF, 102Hr (3) Brierley
- 12 VI-VIII T and VI-VII Th, 8Hr (3) Longley
- 21 VI-VIII MW, 8Hr (3) Longley
- 24 VI-VIII MF, 107 Hr (3) Phillips
- 107 III TTh and VI-VII Th (3)
- 135 Ar, 302Hr (3) Krantz
- 136 III MWF, 302Hr (3) Currence
- 190 Ar (2 to 4) Staff
- 193 IX and X W, 106Hr (1) Staff
- 243 Ar, 302Hr (3) Alderman, Brierley, Krantz, Longley
- 247 Ar (9 or less) Staff
- 249 Ar (Ar) Krantz, Currence, Hutchins, Wilcox

### ORIENTATION

- 1—1, I T, AudAd (1) McFarland  
 —2, I W, AudAd (1) McFarland

### PLANT PATHOLOGY AND AGRICULTURAL BOTANY

- 1 VII-IX MWF, 103, 105PP (5) Moore
- 4 III TThS and IV TS, 106AgrBot (3) Larson
- 56 II MW and II-III F, 107PP (3) Landon
- 101 II TThS, 300AgrBot (3 to 5) Kernkamp, Larson
- 105 VI-VIII TTh, 110PP (3 to 5) Dossdall
- 118 III-IV MWF, 104PP (3) Eide
- 120 VII-IX MWF, 103, 105PP (3) C. Christensen,, Moore
- 135 VI-VII TTh, 204AgrBot (3) Heggeness, Dunham
- 141 I-II MWF, 302Ad (3) J. Christensen
- 143 Ar, 104PP (3) Hart, Moore
- 156 Ar (3) C. Christensen. Advanced Study of Fungi (Jr., sr., grad.; prereq. Bot. 9 cred. or instructor's permission)
- 160 Ar (3) Landon
- 161 Ar (3) Landon
- 203 Ar (Ar) Stakman
- 207 Ar (Ar) Stakman
- 213 Ar (Ar) Stakman
- 215 Ar (Ar) Stakman and staff
- 251 Ar (Ar) Landon
- 254 Ar (Ar) Landon
- 258 Ar (Ar) Heggeness
- 260 Ar (Ar) Larson

### POULTRY HUSBANDRY

- 52 VII-VIII TTh, 135TSH (3) Canfield
- 154 VI-VIII MW, 135TSH (4) Sloan, Canfield
- 214 Ar (3 to 9) Sloan, Canfield
- 215 Ar (3 to 9) Briggs
- 216 Ar (3 to 9) Shoffner

### RHETORIC

- 1-2-3 All students who are registering for Rhetoric for the first time this quarter will meet in Green Hall Auditorium the first period each day for the first week of the quarter. After a week of diagnosis they will be sectioned according to their needs and abilities. All sections will then continue to meet during the first period, but for only three days a week.

All students who have taken some Rhetoric, but who have not completed their Communication requirement, will meet in 107 Agricultural Engineering the first period of the first Monday of the quarter where sections will be assigned.

- 12 IV TThS, 312En (3) Laird
- 22—1, II MWF, 312En (3) Laird  
 —2, III MWF, 120TSA (3) Drake  
 —3, IV MWF, 120TSA (3) Drake  
 —4, VII MWF, 110TSA (3) Sandquist  
 —5, II TThS, 312En (3) Laird  
 —6, IV TThS, 120TSA (3) Sandquist
- 26 III MWF, 311En (3) Woods
- 31 III MTWThF, 308En (5) Thurston

- 32 II TThS, 307En (3) Humphrey  
 33 II MWF, 307En (3) Seidenkranz  
 51—1, IV MWF, 308En (3) Thurston  
 —2, III TThS, 120TSA (3) Humphrey  
 —3, IV TThS, 307En (3) Seidenkranz  
 60 IV MWF, 311En (3) Woods

## SOILS

- 51 VI-IX M, 201So (2) Arneman  
 103 II TThS, 204So (3) MacGregor  
 202 Ar (2 to 5)  
 203 Ar, 101So (1)

## VETERINARY MEDICINE

- 50 I TThS, 103Ve (3)  
 101 VI-IX TWThF, 103Ve (7) Kitchell and staff  
 104 Ar (Ar) Kernkamp  
 105 Ar (3)  
 107 Ar (3)  
 111 I-IV MWF, 103Ve (6) Kitchell and staff  
 113 Ar (Ar) Boyd  
 114 Ar (Ar) Kernkamp  
 201 Ar (Ar) Staff  
 205 Ar (Ar) Staff  
 209 Ar (Ar) Boyd  
 213 Ar (Ar) Boyd  
 217 Ar (1) Staff  
 230 Ar (Ar) Staff

## SCHOOL OF BUSINESS ADMINISTRATION

## BUSINESS ADMINISTRATION

- 51 Lect. IV Th, BuAud (3) Neville and others  
 —1, I TS, 6VH  
 —2, I TS, 113VH  
 —3, I TS, 115VH  
 —4, I TS, 205VH  
 —5, II TS, 203TSV  
 —6, II TS, 113VH  
 —7, II TS, 115VH  
 —8, III TS, 203TSV  
 —9, III TS, 115VH  
 —10, III TS, 6VH  
 —11, VI TTh, 113VH  
 —12, VI TTh, 6VH  
 —13, VII TTh, 113VH  
 —14, VII TTh, 115VH  
 57—1, I MWF, 207TSV (3)  
 —2, IV TThS, 207TSV (3)  
 58—1, III TThS, 4VH (3) Heller, Borak  
 —2, IV MWF, 4VH (3)  
 —3, VI MWF, MurHAud (3)  
 59 III MWF, 113VH (3) Graves  
 68 II TThS, 6VH (3) Lewis  
 69 III TThS, 2VH (3) Canoyer  
 70—1, I MWF, 203TSV (3)  
 —2, II TThS, 2VH (3)  
 —3, IV TThS, 203TSV (3)  
 71 I TThS, 1VH (3) Nightingale  
 77 Lect. I T, NHAud (3) Vaile and others  
 —1, I ThS, 203TSV  
 —2, II MW, 203TSV  
 —3, II MW, 115VH  
 —4, IV ThS, 209TSV  
 —5, IV ThS, 115VH  
 —6, V TTh, 113VH  
 —7, VI TTh, 207VH  
 —8, VII MW, 203TSV  
 —9, VII TTh, 207VH  
 —10, VIII TTh, 113VH  
 86 VI MWF, 113VH (3) Donaldson  
 88 IV TThS, 6VH (3) Vaile, Lewis  
 89—1, II MWF, 111NH (3) Filipetti and others  
 —2, III TThS, 207VH (3)  
 —3, IV MWF, 308MurH (3)  
 —4, VI MWF, 207VH (3)  
 91 Lect. VI T, 4VH (1) Boehmler  
 —1, V Th, 307VH  
 —2, VI Th, 307VH  
 —3, VII W, 307VH  
 93—1, VII-VIII M, 307VH (1) Boehmler  
 —2, VII-VIII T, 307VH (1)  
 —3, VIII-IX F, 307VH (1)  
 94—1, V-VI T, 307VH (1) Anderson  
 —2, VII-VIII Th, 307VH (1)  
 —3, VIII-IX F, 306VH (1)  
 97 Ar (Ar)  
 109 II TThS, 207VH (3) Reighard  
 112—1, II MWF, 207VH (3) Mudgett, Gaumnitz,  
 and others  
 —2, II TThS, 4VH (3)  
 —3, IV MWF, 207VH (3)  
 —4, VII MWF, 2P (3)  
 118 Lect. III T, 110P (3) Lund and others  
 —1, VI-VII TTh, 306VH  
 —2, VIII-IX TTh, 306VH  
 —3, VIII-IX MW, 306VH  
 130—1, I TThS, 4VH (3) Wheeler, Anderson  
 —2, II MWF, 113VH (3)  
 —3, VII MWF, 207VH (3)  
 134—1, I MWF, 2VH (3) Reighard, Nelson  
 —2, IV TThS, 113VH (3)  
 —3, VII MWF, 6VH (3)  
 135 III MWF, 6VH (3) Reighard  
 139—1, TThS, 307VH (3) Heilman and others  
 —2, III MWF, 207VH (3)  
 —3, IV MWF, 113VH (3)  
 —4, IV TThS, 2VH (3)  
 —5, VI MWF, 6VH (3)  
 —6, VII MWF, 2VH (3)  
 143 VI MWF, 221VH (3) Nelson  
 152—1, I TThS, 207VH (3) Ostlund, Wheeler  
 —2, IV MWF, 2VH (3)  
 —3, VIII MWF, 2VH (3)

- 156 II MWF, 2VH (3) Stehman  
 158 I TThS, 2VH (3) Heilman  
 167—1, II MWF, 1VH (3) Yoder and others  
 —2, VII MWF, 4VH (3)  
 173 III TThS, 113VH (3) Vaile  
 180A VI½-VII MW, 115VH (3) Rotzel  
 180C VI-VII½ TTh, 2VH (3) Lewis, Canoyer  
 180D—1, VII½-VIII TTh, 1VH (3) Yoder  
 —2, VIII-IX½ MW, 113VH (3)  
 180E IV MWF, 210VH (3) Donaldson  
 180F VI½-VII TTh, 210VH (3) Mudgett  
 180G—1, VIII MWF, 301VH (3) Filipetti  
 —2, III MWF, 301VH (3)  
 180I VII-VIII½ TTh, 6VH (3) Nightingale  
 183 Ar (Ar)  
 184 VI MWF, 2VH (3) Filipetti

### ECONOMICS

- 1 Lect. III TTh, BuAud (5) Heaton and others  
 —1, I TThS, 207TSV  
 —2, II MWF, 207TSV  
 —3, III MWF, 307VH  
 —4, III MWF, 203TSV  
 —5, IV MWF, 203TSV  
 —6, IV TThS, 221VH  
 —7, V MWF, 115VH  
 —8, VI MWF, 420MurH  
 —9, VI MWF, 308MurH  
 —10, VII MWF, 420MurH  
 —11, VIII MWF, 203TSV  
 —12, IX MWF, 2VH  
 3 Lect. VII TTh, BuAud (5) Stehman and others  
 —1, I MWF, 6VH  
 —2, I TThS, 221VH  
 —3, II TThS, 205VH  
 —4, III TThS, 207TSV  
 —5, IV MWF, 6VH  
 —6, IV TThS, 205VH  
 —7, V MWF, 113VH  
 —8, VI MWF, 203TSV  
 —9, VI MWF, 205VH  
 —10, VII MWF, 205VH  
 —11, VIII MWF, 205VH  
 —12, IX MWF, 205VH  
 5 Lect. II F, MNHAud (5) Kozelka and others  
 —1, I MTWTh, 218P  
 —2, II MTWTh, 221VH  
 —3, III MTWTh, 205VH  
 —4, IV MTWTh, 301VH  
 —5, V MTWTh, 6VH  
 —6, VI MTWTh, 207TSV  
 —7, VII MTWTh, 207TSV  
 —8, VIII MTWTh, 221VH  
 6 Lect. I TTh, BuAud (5) Uppgren and others  
 —1, I MWF, 115VH  
 —2, I MWF, 205VH  
 —3, I MWF, 113VH  
 —4, II MWF, 209TSV  
 —5, II TThS, 306VH  
 —6, II TThS, 301VH  
 —7, III MWF, 207TSV  
 —8, III TThS, 307VH  
 —9, III TThS, 209TSV  
 —10, IV MWF, 115VH

- 11, IV TThS, 307VH  
 —12, V MWF, 1VH  
 —13, V MWF, 2VH  
 —14, VI MWF, 209TSV  
 —15, VI MWF, 218P  
 —16, VII MWF, 221VH  
 —17, VII MWF, 209TSV  
 7 Lect. IV TTh, 211NH (5)  
 —1, I MWF, 209TSV  
 —2, II TThS, 420MurH  
 —3, IV MWF, 307VH  
 —4, VI MWF, 14P  
 —5, VIII MWF, 207TSV  
 8—1, I TThS, 301VH (3) Filipetti and others  
 —2, II MWF, 218P (3)  
 —3, III TThS, 301VH (3)  
 —4, IV TThS, 14P (3)  
 —5, V MWF, 301VH (3)  
 —6, VI MWF, 301VH (3)  
 —7, VII MWF, 308MurH (3)  
 10—1, I MWF, 301VH (3)  
 —2, II MWF, 301VH (3)  
 22 Lect. II T, 100C (4) Heilman and others  
 —1, I MWF, 306VH  
 —2, I MWF, 307VH  
 —3, I TThS, 306VH  
 —4, II MWF, 306VH  
 —5, II MWF, 307VH  
 —6, II MWF, 205VH  
 —7, III MWF, 306VH  
 —8, III TThS, 306VH  
 —9, IV MWF, 306VH  
 —10, IV TThS, 306VH  
 —11, V MWF, 306VH  
 —12, V MWF, 307VH  
 —13, VI MWF, 307VH  
 —14, VI MWF, 306VH  
 —15, VII MWF, 306VH  
 —16, VII MWF, 301VH  
 —17, VIII MWF, 209TSV  
 —18, VIII MWF, 6VH  
 28 I MWF, 335EE (3) Palmer  
 32—1, I MTWThF, 209VH (1) Donaldson and others  
 —2, II MTWThF, 209VH (1)  
 —3, VI MTWThF, 209VH (1)  
 33—1, IV MTWThF, 209VH (1) Donaldson and others  
 —2, VII MTWThF, 211VH (1)  
 34 VII MTThF and VIII T, 209VH (2) Peterson  
 37—1, II MTWThF, 211VH (3) Donaldson  
 —2, III MTWThF, 211VH (3)  
 40 III MTWThF, 209VH (3) Donaldson and others  
 43 VII TTh, 208VH (2) Donaldson  
 50—1, III TThS, 1VH (3) Graves  
 —2, VIII MWF, 207VH (3)  
 80—1, I MWF, 207VH (3) Papandreou and others  
 —2, II TThS, 1VH (3)  
 —3, IV TThS, 4VH (3)  
 —4, VI MWF, 4VH (3)  
 —5, VIII MWF, 1VH (3)  
 97 Ar (Ar)  
 103 VII MWF, 113VH (3) Garver



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|---|---|
| 111 III MWF, 304E (3) Jones and others            | —4, II F, 115VH                             |
| 121 I MWF, 221VH (3) Mudgett                      | —5, IV T, 209TSS                            |
| 142—1, I MWF, 4VH (3) Myers, Uppgren, and others  | —6, IV T, 115VH                             |
| —2, IV TThS, 207VH (3)                            | —7, VII F, 203TSS                           |
| —3, VII MWF, 1VH (3)                              | —8, VII F, 115VH                            |
| 149 IV MWF, 1VH (3) Uppgren                       | —9, VIII T, 207VH                           |
| 155—1, III MWF, 1VH (3) Stehman, Borak and others | 172 II MWF, 6VH (3) Nightingale             |
| —2, IV TThS, 1VH (3)                              | 175—1, I MWF, 1VH (3) Papandreou and others |
| —3, VIII MWF, 4VH (3)                             | —2, III MWF, 4VH (3)                        |
| 161 Lect. I MW, NHAud (3) Yoder and others        | —3, VI MWF, 1VH (3)                         |
| —1, I Th, 6VH                                     | 176 II MWF, 4VH (3) Uppgren                 |
| —2, I Th, 113VH                                   | 189 III MWF, 115VH (3) Borak                |
| —3, II F, 203TSS                                  | 191 III MWF, 221VH (3) Heller               |
|   | 203 VIII½-IX TTh, 210VH (3) Garver          |
|   | 233 VII-VIII½ WF, 210VH (3) Heller          |

## SCHOOL OF CHEMISTRY

*Institute of Technology*

## INORGANIC CHEMISTRY

- 1—1, Lect. VI MWF, 100C (4) Nebergall  
Quiz VII W, 410C  
Lab. VII-IX F, ArC
- 2, Lect. VI MWF, 225C (4) Pervier  
Quiz VI T, 225C, 325C  
Lab. VII-IX W, ArC
- 3, Lect. VIII MWF, 225C (4) Lindeke  
Quiz VII T, 225C, 325C  
Lab. VII-IX Th, ArC
- 4, Lect. III TThS, 100C (4) Barber  
Quiz IX T, 100C  
Lab. I-III F, ArC
- 5, Lect. IX MWF, 100C (4) Brasted  
Quiz IX Th, 100C  
Lab. VIII-X, ArC
- 6, Lect. IX MWF, 325C (4) Pray  
Quiz IX T, 325C  
Lab. VI-VIII M, ArC
- 4—1, Lect. IV TThS, 100C (4) Heisig  
Quiz IV F, 100C  
Lab. III-V W, ArC
- 2, Lect. V MWF, 410C (4) Lindeke  
Quiz VI Th, 100C  
Lab. V-VII T, ArC
- 3, Lect. VII MWF, 100C (4) Maynard  
Quiz VII T, 100C  
Lab. V-VII Th, ArC
- 4, Lect. VII MWF, 325C (4) Brasted  
Quiz VII Th, 410C  
Lab. VIII-X W, ArC
- 5, Lect. VIII MWF, 410C (4) Johnson  
Quiz IX W, 410C  
Lab. V-VII T, ArC
- 6, Lect. VIII MWF, 100C (4) Pervier  
Quiz VIII T, 100C  
Lab. VIII-X Th, ArC
- 6 Lect. II MWF, 410C (5) O'Brien  
Quiz I Th, 410C  
Lab. I-III T and II-III Th, ArC
- 9 Lect. II MWF, 100C (5) Sneed  
Quiz I TTh, 100C  
Lab. I-III T and II-III Th, ArC

- 11—1, Lect. IV TThS, 410C (4) Johnson  
Lab. V-VIII M, ArC
- 2, Lect. V MWF, 100C (4) Barber  
Lab. VII-X T, ArC
- 3, Lect. III MWF, 410C (4) Maynard  
Lab. VII-X Th, ArC
- 12 Lect. IV MWF, 225C (5) Nebergall  
Lab. III-V TTh, ArC
- 13 Lect. VI WF, 325C (5) Heisig  
Quiz IX M, 410C  
Lab. VII-VIII M and VII-IX WF, ArC
- 96 Ar (5)
- 103 VII MWF, 225C (3) O'Brien
- 134 II T, 325C (1) Sneed
- 301 Ar (Ar)

## ANALYTICAL CHEMISTRY

- 2 Lect., Quiz, Rec. III MWF, 225C (5)  
Lab. VI-VIII TTh and II-IV S, 310C
- 7—1, Lect. VI F, 410C (4) Meehan  
Rec. VI W, 410C  
Quiz VI M, 410C  
Lab. VII-IX MWF, 310C
- 2, Lect. VI T, 410C (4) O'Connor  
Rec. I S, 115C  
Quiz VI Th, 410C  
Lab. VII-IX TTh and II-IV S, 310C
- 96 Ar (5) Kolthoff, Sandell, Meehan
- 104 Lect. VI F, 315C (3) Sandell  
Lab. ArC
- 106 Ar (3) Sandell
- 109 Ar (3) Peck
- 122 Ar (1 to 2) Meehan
- 123 Ar (3) Meehan
- 131 VI MW, 455C (3) Kolthoff
- 134 Ar (2) Kolthoff
- 135 IV T, 315C (1)
- 201 Ar (3) Kolthoff
- 301 Ar (Ar)

## ORGANIC CHEMISTRY

- 61—1, Lect. I MWF, 100C (4) Dodson  
 Lab. Conf. II T, 410C  
 Quiz I T, 100C  
 —1, Lab. VI-IX T, 390C  
 —2, Lab. VI-IX W, 390C  
 —3, Lab. I-IV Th, 390C  
 —4, Lab. I-IV S, 390C  
 —2, Lect. III MWF, 100C (4) Arnold  
 Lab. Conf. III S, 410C  
 Quiz III Th, 410C  
 —5, Lab. VI-IX M, 390C  
 —6, Lab. II-V T, 390C  
 —7, Lab. VI-IX T, 390C  
 —8, Lab. VI-IX Th, 390C  
 63 Lect. III MWF, 325C (3) Parham  
 Quiz III Th, 325C  
 64 Lab. Conf. III S, 325C (3) Parham  
 —1, Lab. II-IV and VI-VIII T, 390C  
 —2, Lab. VI-VIII TTh, 390C  
 96 Ar (5)  
 102 Lect. III M, 215C (3) Lauer  
 Lab. VI-VIII M and VI-VIII W or F, 390C  
 105 IV MWF, 325C (3) Smith  
 110 Ar (3) Koelsch  
 139 Ar (2 to 5)  
 141 IV MWF, 315C (3) Koelsch  
 201 Ar (1)  
 205 Ar (3)  
 301 Ar (Ar)

## PHYSICAL CHEMISTRY

- 96 Ar (5)  
 101 Lect. IV MWF, 410C (3) McDougall  
 Rec. IV S, 455C  
 104—1, Lect. VI M, 325C (1 or 2) Livingston  
 Lab. VII-VIII M and VI-VIII W, 190C  
 —2, Lect. VI Th, 325C (1 or 2)  
 Lab. VI-VIII T and VII-VIII Th, 190C  
 —3, Lect. VI Th, 325C (1 or 2)  
 Lab. VI-VIII F and II-III S, 190C  
 —4, Lect. VI M, 325C (1 or 2)  
 Lab. III-IV T and II-IV Th, 190C  
 —5, Lect. VI M, 325C (1 or 2)  
 Lab. I-III M and II-III W, 190C  
 107 Lect. IV MW, 455C (3) Crawford  
 Rec. IV F, 455C  
 Lab. II-IV T, 190C  
 116 II TThS, 225C (3) Crawford  
 128 IV MWF, 111C (3) Reyerson  
 132 Ar (1 or 2) Reyerson  
 161 III MWF, 315C (3) O'Connor  
 204 II MWF, 225C (4) McDougall  
 211 Ar (Ar) McDougall  
 221 Ar (1) Reyerson  
 231 Ar (1 or 2) O'Connor  
 250 Ar (1)  
 301 Ar (Ar)

## INSTITUTE OF CHILD WELFARE

- 40 VI TTh, 202Pt (3) Fuller  
 80 IV MWF, 202Pt (3) Harris  
 130 II MWF, 202Pt (3) Templin  
 133 VII-VIII TTh, 204E Pt (2, 4, or 6) Anderson  
 140 III-IV S, 202Pt (2) Blodgett  
 143 III MWF, 202Pt (3) Blodgett, Harris  
 150 VIII TTh, 202Pt (2, 4, or 6) Fuller  
 166 VI MWF, 202Pt (3) Harris  
 170 V MWF, 202Pt (3) Cummings  
 190 III TTh, 202Pt (2) Roff  
 220 Ar (1) Roff  
 230 IX M, 202Pt (1) Anderson  
 240 Ar, 204E Pt (Ar) Harris, Blodgett  
 250 Ar, 101Pt (Ar) Anderson  
 270 Ar, 101Pt (Ar) Anderson and others

## COLLEGE OF EDUCATION

## AGRICULTURAL EDUCATION

- 1 VI M, 301Hr (1) Peterson  
 54 IV T, 301Hr and 1 hr. ar. (2)  
 82 I MWF, 301Hr (3)  
 91 Ar (6) Peterson  
 101 II MWF, 301Hr (3) Peterson  
 103 III MWF (3) Peterson  
 104 III TTh, 301Hr (2)  
 154 IV T and 1 hr. ar. (2)  
 221 Ar (3) Peterson and staff

- 232 Ar (3 to 9) Peterson and staff  
 286 Ar (Ar) Peterson and staff  
 291 Ar (Ar) Peterson and staff

## ART EDUCATION

- 14 VI MWF, 109J (2) Gayne  
 17—1, I-II MWF, 109J (3) Page  
 —2, VII-VIII MWF, 109J (3) Gayne  
 56A III-IV TTh, 109J (2) Wiggan  
 56B III-IV MWF, 109J (3) Page

- 81A I-II TTh, 109J (2) Hulse  
 86 VIII-IX T, 109J (4) Wiggin  
 151 I-IV S, 109J (3) Lien  
 185 IX-XI M, 109J (3) Lien  
 284 VIII Th, 109J (2) Gayne and staff  
 296 IX Th, 109J (0) Gayne and staff

### CURRICULUM AND INSTRUCTION

- 60 VI MWF 213TNUH (3) Bond  
 62A VI TTh, 102NH (2) Brueckner  
 62B VII-VIII T and VIII Th, 5ShH (3) Brueckner  
 63T IX-X M, 110UHS (2) Smith  
 105 Ar (3) Wendt  
 107 IX-X Th, 302MurH and 1 hr. ar. (3) Tyler  
 113 III-IV S, 5ShH (3) Bossing  
 125 Ar (1) Dugan  
 132 IX-X Th, 221Bu (3) Price  
 137 IX-X Th, 112Bu (3)  
 141 IX-X W, 115Psy (3)  
 143 4:30-6:30 W, 100NH and 1 hr. ar. (3) Bond  
 150 III MWF, 106TNN (3) Brueckner  
 157 Ar (3) Brueckner  
 171 Ar (2 to 6) Bossing, Cook, Archer  
 174 VIII W, 23ShH and ar. (3) Bryngelson  
 184 I-II S, 109Psy (2) Grim  
 199E Ar (Ar) Grim  
 201 IX-X T, 221Bu (3) Wesley  
 204 III-IV S, 115Psy (2) Wesley  
 205 Ar (Ar) Wendt  
 207 Ar (1 to 3) Tyler  
 215 Ar (Ar) Grout  
 216 Ar (Ar) Grout  
 217 Ar (Ar) Grout  
 222 IX-X W, 5ShH (Ar) Bossing and others  
 225 Ar (Ar) Boardman  
 226 IX-X Th, 5ShH (Ar) Bond and others  
 227 Ar (Ar) Archer  
 228 Ar (Ar) Peik, Cooper  
 238 IX Th, 5ShH (3, 6, or 9) Peik and others  
 239 IX F, 213TNUH (Ar) Price  
 250 I-II S, 109F and 1 hr. ar. (3) Eckert  
 261 Ar, 220Bu (3) Brueckner  
 264 III-IV S, 107F (3) Brueckner  
 271 Ar (2 or 3) Bossing, Cook  
 273 Ar (2 to 9) Archer  
 284 Ar (Ar) Grim  
 285 III-IV S, 105F (3) Anderson  
 287 III-IV S, 4F (2 or 3) P. Johnson  
 294 III-IV S, 9TNN (2) Smith  
 296 Ar (Ar) Smith

### EDUCATION

- 55A Lect. I MWF, BuAud (5)  
 —1, II-III TTh, 322F, Eckert  
 —2, II-III TTh, 3F, Grim  
 —3, II-III MW, 311MurH, Wesley  
 —4, III-IV TTh, 115Psy, Stout  
 —5, III-IV TTh, 259TSF, Hovet  
 —6, III-IV MW, 115Psy, Cary  
 —7, VI-VII TTh, 112Bu, Hovet  
 —8, VI-VII MW, 210P, Boardman  
 55B I MTWThF (5), Hovet (for nursing education students)

- 71A Lect. III MWF, 110P (5) Cook  
 —1, I-II TTh, Tuttle School  
 —2, III-IV TTh, Tuttle School  
 81 III MWF, 213TNUH (3) Grout

### EDUCATIONAL ADMINISTRATION

- 124 I MWF, 213TNUH (3) Neale  
 133 III-IV S, 100NH and 1 hr. ar. (3) Dugan  
 167 I-II S, 107UHS (3) Bossing  
 218 IX-X W, 101NH (Ar) Boardman, Bossing  
 225 I-II S, 106UHS (3) Domian  
 228 Ar (1 or 3) Neale  
 230 III-IV S, 109Psy (3) Domian  
 235 Ar (Ar) Neale  
 253 II MWF, 5ShH (3) Neale  
 263 IV MWF, 5ShH (3) Boardman  
 270 Ar (Ar) Boardman, Bossing

### EDUCATIONAL PSYCHOLOGY

- 60 IV TThS, 221Bu (3) Van Wagenen  
 113 IX-X W, 109Psy (2) Van Wagenen  
 120 VII MWF, 200Pt (3) Cook  
 133 III-IV S, 112Bu (3) Dugan  
 142 VIII MWF, 112Bu (3) Delp  
 150 Ar (2 to 6) Bond, Delp  
 159 IV MWF, 213TNUH (3) Wrenn  
 182 I-II S, 200Pt (2) Delp  
 183 III-IV S, 200Pt (2) Bond  
 216 II MWF, 213TNUH (3) P. Johnson  
 216a Ar (2)  
 219 Ar (3)  
 233 Ar (Ar) Edwards, Wrenn, Dugan  
 240 Ar (Ar) P. Johnson  
 243 Ar (Ar) P. Johnson  
 250 III MWF, 5ShH (3) Wrenn  
 253 Ar (Ar) Bond, Cook, Anderson, Van Wagenen  
 281 Ar (2 to 3) Edwards, Wrenn, Dugan, Hagenah  
 290 III MWF, 11F (3)

### HISTORY AND PHILOSOPHY OF EDUCATION

- 71 IV MTWThF, 106TNN (5) Alexander  
 76 VII MWF, 112Bu (3) Beck  
 101 VI MWF, (3) Alexander  
 141 IX-X W, 111Bu (3) Cary, Beck  
 180—1, VII TTh and VIII T, 221Bu (3) Beck  
 —2, VIII MWF, 202Pt (3) Cary  
 241 Ar (Ar) Wesley, Cary, Beck, Alexander

### HOME ECONOMICS EDUCATION

- 90 IV MWF, 203HE (3) Fuller  
 91 VIII MWF and IX M, 114HE and 1 hr. ar. (5) Rose, Kafka, Ford  
 92 VII TTh, 114HE (2) Rose  
 93 Ar (3) Rose, Kafka, Ford  
 94 Ar (6) Rose, Kafka, Ford, and others  
 95 Ar (6)  
 192—1, VIII TTh, 213HE (2) Army, Rose  
 —2, II MWF, 114HE (3) Army  
 194A II-III MS, 114HE (3) Ford

- 197 Ar (1 to 3) H. Goldstein  
 199 Ar (Ar) Rose  
 243 III-IV S, 114HE (3) Rose  
 293 Ar (1 to 9) H. Goldstein  
 294 VI MWF, 203HE (3 to 6) Army, Rose  
 295 IX Th, 114HE (1 to 3) Army, Rose, H. Goldstein

### INDUSTRIAL EDUCATION

- 1 VII-VIII MWF, 202TNUH (3)  
 5 II-IV TTh, 202TNUH (3)  
 11 I-IV S, 202TNUH (2) La Berge  
 15 III-IV MWF, 202TNUH (3)  
 40 IX-X F, 202TNUH (2) Micheels  
 50A Ar (3)  
 50B Ar (3)  
 50C Ar (3)  
 60 IX-X M, 202TNUH (2) Widdowson  
 70 III-IV S, 213TNUH and 1 hr. ar. (3) Micheels  
 80 IX-X W, 202TNUH (2) Micheels  
 107 I-II S, 213TNUH (2) Widdowson  
 200—1, II MWF, 101TNUH (3, 6, or 9) Smith  
 —2, VIII MWF, 105TNUH (3, 6, or 9) Micheels  
 250-251 I MTWThF, 202TNUH and 1 hr. ar. (6) Smith

### METHODS AND DIRECTED TEACHING

- 51A VI MWF and 1 hr. ar. (4) Harrington, Boyle  
 51B III MWF and 1 hr. ar. (4) Harrington, Boyle  
 52 Ar (Ar)  
 53A Ar (5 to 8) Bond  
 53B Ar (5 to 8) Bond  
 54A Ar (3) Staudenmaier  
 54B Ar (5) Staudenmaier  
 54C Ar (3 to 5) Staudenmaier  
 55 VII MWF, 202Pt (3) Fuller  
 56 VIII MTWThF, 200Pt and ar. (5) Headley, Peterson  
 66B VIII TTh, 112Bu (3)  
 66BM VII TTh, 107NH (2) Smith  
 67A IX TTh, 105UHS and 6 hrs. ar. (3) D. Johnson  
 67AM IX TTh, 105UHS and 6 hrs. ar. (2) D. Johnson  
 68A IX MW, 213UHS and 6 hrs. ar. (3) P. Johnson  
 68AM IX MW, 213UHS and 6 hrs. ar. (2) P. Johnson  
 70A IX MW, 221Bu and 6 hrs. ar. (3) Birkmaier  
 71A IX MW, 221Bu and 6 hrs. ar. (3) Birkmaier  
 72A Ar (2) Meyer  
 73A IX MW, 213TNUH (2) Price  
 77 IX M, 200Pt and 15 hrs. ar. (4) Fuller  
 78 IX M, 200Pt and 15 hrs. ar. (4) Fuller  
 79 IX M, 200Pt and 15 hrs. ar. (4) Fuller  
 82 IX MW, 213TNUH (2) Price  
 84A Ar (2)  
 85A Ar (1, minors; 2, majors)  
 88A IX-X M, 112Bu (3)  
 199 Ar (3 to 9)

### MUSIC EDUCATION

- 4 I MTWF, 4NMA (2) Ivory  
 50A—1, III TTh, 4Mu (2) Winslow  
 —2, II TTh, 4Mu (2) Winslow  
 60 IX-X W, 3Mu and 6 hrs. ar. (3) Winslow  
 61 IX-X W, 3Mu and 6 hrs. ar. (3) Winslow  
 62 IX-X W, 3Mu and 6 hrs. ar. (3) Winslow  
 65 II TThS, 104Mu (3)  
 103E IV MWF, 4Mu (3) Winslow  
 224E Ar (2 to 6) Winslow and others  
 225E Ar (2 to 4)

### NURSING EDUCATION

- 55 Ar (1) Weise  
 59 Ar (5) Lediger  
 60 VII MTWF (4) Randall  
 63 IX-X Th (2) Lifson  
 65 VII-VIII TTh (4) Harrington, Kitchell, and others  
 66 VI MWThF (5) Coe  
 66A VI MWThF (3) Coe  
 67 IV F and 1 hr. ar. (6) Randall  
 69 IV MWF (3) Densford  
 72 VIII TTh and IX Th (3) Boyle  
 167 Ar (8) Randall  
 171 VI TTh and 1 hr. ar. (3) Harrington

### PHYSICAL EDUCATION FOR MEN

- 4B VII-VIII TTh, 215CH (1) MacMillan  
 5A III-IV TTh, GymCH (1) Ostrander  
 5B III MWF, GymCH (1) Ostrander  
 6A VI MWF, 205CH (1) Roning  
 6C IV MWF, 215CH (1) Thorpe  
 7A II-III TTh, GymCH (1) Piper  
 11A V M, 206CH (1) Fitzgerald  
 23A V F, 206CH (1) Fitzgerald  
 51 II MWF, 206CH (3) Osell  
 55 III MWF, 215CH (4) Bartelma  
 56 VII MWF, 206CH (3) Fitzgerald  
 61 I MWF, 206CH (3) Keller  
 66 VII TTh, 214CH (2) Nordly  
 68 VI MWF, 214CH (2) Cowles  
 73 V M, 214CH (2) Bartelma  
 110E VI MWF, 215CH (3) Fitzgerald  
 199E Ar (Ar)  
 236 II MWF, 214CH (3) Nordly  
 238 III MWF, 206CH (3) Keller  
 261E Ar (Ar) Nordly, Haislet

### PHYSICAL EDUCATION FOR WOMEN

- 21A—1, VII TTh, 153NGW (½) Tenney  
 —2, VIII TTh, 60NGW (½) Rugh  
 —3, VI TTh, 151NGW (½) Bockstruck, Bell  
 —4, VI W, 3NGW (½) Jaeger  
 25 I MW (1)  
 26 I TTh, 201NGW (1)  
 41A—1, VI TTh, 60NGW, 201NGW (½) Rugh  
 —2, VII TTh, 60NGW, 201NGW (½) Rugh  
 —3, IV T, 201NGW (½) Tinker  
 —4, III TTh, 58NGW, 201NGW (½) Larson  
 —5, III MW, 151NGW (½) Bockstruck  
 —6, I TTh, 153NGW, 201NGW (½) Larson  
 —7, II TTh, 153NGW, 201NGW (½) Bermingham

- |   |                                 |
|---|---------------------------------|
| 61A II MWF, 60NGW, 201NGW (1) Rugh        | 82 II MWF, 3NGW (3) Starr       |
| 62 I MTWThF, 153NGW, 201NGW (3)           | 85 III TThS, 3NGW (3)           |
| 64 II TTh, 151NGW (1) Baker               | 90A II TTh, 3NGW (2) Jaeger     |
| 66 VI MWF, 153NGW, 201NGW (1) Jaeger      | 111E III TThS, 201NGW (3) Starr |
| 73B I TThS, 151NGW, 201NGW (1) Bockstruck | 116E III MWF, 3NGW (3)          |
| 80 VIII MWF, 3NGW (3)                     | 117 IV MWF, 3NGW (3) Starr      |

LIBRARY INSTRUCTION

- |                             |                                |
|-----------------------------|--------------------------------|
| 1—1, II MW, 3Lib (2)        | 61 Ar (3 to 4½) Strout, Hayner |
| —2, IV MW, 3Lib (2)         | 62 III TTh, 5Lib (2) Strout    |
| —3, VI MW, 3Lib (2)         | 66 III TThS, 3Lib (3) Hayner   |
| 50 IV MWF, 5Lib (3) Strout  | 70 I MWF, 5Lib (3) Hayner      |
| 51 Ar (3) Strout            | 81 I TTh, 5Lib (2) Hummel      |
| 60 III MWF, 5Lib (3) Hayner |                                |

MEDICAL SCHOOL

For complete listing of courses, see the *Bulletin of the Medical School*

ANATOMY

- 3 Lect. and Quiz I TThS Ar (4) Frantz
- 1, Lab. and Rec. VIII-IX T, Ar
- 2, Lab. and Rec. VIII-IX Th, Ar

BACTERIOLOGY

- 53 VII-IX MWF, Ar (5) Staff
- 103 IV TThS and V TTh, Ar (3) Skinner
- 121 III TThS, Ar (3) Halvorson
- 124 VI-VIII TTh, Ar (4) Stulberg

PHYSIOLOGICAL CHEMISTRY

- 50 VI MTWThF, Ar (4) Frame, Carr, and others
- 100 Lect. IV MWF, Ar (7) Armstrong and others
- Quiz I F, Ar
- 1, Lab. I-III MW, Ar
- 2, Lab. I-III ThS, Ar

PHYSIOLOGY

- 4 Lect. III MWF, Ar (4) Hemingway and others
- Conf. IV F, Ar
- 103 Lect. I MTWThFS, Ar (9) Visscher and others
- Conf. III TS, Ar
- 1, Lab. VI-VIII MW, Ar
- 2, Lab. II-IV MW, Ar

PUBLIC HEALTH

- 3 VI MW, Ar (2) Thomson
- 51 II MWF, Ar (3) Cowan
- 59 I MWF, Ar (3) Grout, Thomson
- 60 IV TS, Ar (2) Myers
- 95 II TThS, Ar (3) Mickelson
- 100 Lect. II MWF, Ar (4) Anderson
- 1, Rec. III TTh, Ar
- 2, Rec. VI TTh, Ar
- 3, Rec. VII MW, Ar
- 102 I TThS, Ar (3) Whittaker, Pierce, Olson
- 103 II-III MWF, Ar (Ar) Kabler
- 126 VI MWF, Ar (3) Foker

Biostatistics

- 110 III TThS, Ar (3) Treloar
- 111—1, I-II MWF, Ar (2)
- 2, III-IV MWF, Ar (2)
- 3, VI-VII MWF, Ar (2)
- 4, VIII-IX MWF, Ar (2)
- 5, I-II TThS, Ar (2)
- 6, VI-VIII TTh, Ar (2)
- 201 Ar (Ar) Treloar

Physiological Hygiene

- 91 Lect. IV MWF, Ar (4) Henschel, Mickelson
- Lab. VI-VIII W, Ar
- 95 II TThS, Ar (3) Mickelson
- 194 Ar (3) Brozek, Simonson

## MILITARY SCIENCE AND TACTICS

- 1-1, III MWF, 103A (1)  
 -2, VII MWF, 103A (1)  
 4-1, II MWF, T-4A (1)

- 2, VIII MWF, T-4A (1)  
 151 I and IV MTWThF, 116A (3)  
 154 II and VI MTWThF, 116A (3)

## NAVAL SCIENCE AND TACTICS

- 11-1, Lect. III MWF, 205A, Lab. VIII-IX T,  
 Drill Floor and Room 116A (3) Putnam  
 -2, Lect. IV MWF, 205A, Lab. VIII-IX T,  
 Drill Floor and Room 116A (3) Putnam  
 -3, Lect. VII MWF, 205A, Lab. VIII-IX T,  
 Drill Floor and Room 116A (3) Putnam  
 21-1, Lect. II MWF, 12A, Lab. VIII-IX T, Drill  
 Floor and Room 116A (3)  
 -2, Lect. VI MWF, 12A, Lab. VIII-IX T, Drill  
 Floor and Room 116A (3)  
 -3, Lect. VII MWF, 12A, Lab. VIII-IX T,  
 Drill Floor and Room 116A (3)  
 51-1, Lect. III MWF, 202A, Lab. VIII-IX T,  
 Drill Floor and 116A (3) Holm

- 2, Lect. VI MWF, 202A, Lab. VIII-IX T,  
 Drill Floor and 116A (3) Holm  
 61-1, Lect. II MWF, 202A, Lab. VIII-IX T,  
 Drill Floor and 116A (3)  
 -2, Lect. IV MWF, 202A, Lab. VIII-IX T,  
 Drill Floor and 116A (3)  
 64-1, Lect. IV MWF, Ar, Lab. VIII-IX T, 203A  
 (3) Troy  
 -2, Lect. VII MWF, Ar, Lab. VIII-IX T,  
 203A (3) Troy  
 67 Lect. Ar MTWTh, Ar, Lab. VIII-IX T, Ar  
 (4) Wells

## PHYSICAL EDUCATION FOR MEN

- 1A Touchball, Volleyball, Boxing, Badminton,  
 Ostrander and staff  
 -II MWF (1)  
 -III MWF (1)  
 -IV MWF (1)  
 -VI MWF (1)  
 Swimming, Beginning  
 -II MWF (1) Boyce  
 -VII MWF (1) Thorpe  
 -III TThS (1) Boyce  
 Adapted Activities, Osell  
 -III MWF (1)

- IV MWF (1)  
 -VIII MWF (1)  
 2A Bowling, II TThS (1) Young  
 Swimming, Intermediate  
 -II TThS (1) Boyce  
 -VI MWF (1) Thorpe  
 Swimming, Advanced, III MWF (1) Boyce  
 Wrestling, VIII MWF (1) Bartelma  
 Boxing, VII MWF (1) Chisholm  
 Weight-lifting, VIII MWF (1)  
 Gymnastics, VIII MWF (1) Ostrander

## PHYSICAL EDUCATION FOR WOMEN

- Archery, Elementary  
 -VII MW, 60NGW  
 -VI MWF, 60NGW  
 Badminton, Elementary  
 -II MWF, 153NGW  
 -IV MWF, 60NGW  
 -III TTh, 60NGW  
 Badminton, Intermediate I MWF 60NGW  
 Ballroom Dance, Elementary III TTh,  
 151NGW  
 Bowling  
 -II MWF, 201NGW, CMU  
 -III MWF, 201NGW, CMU  
 -II TTh, 201NGW, CMU  
 -III TTh, 201NGW, CMU  
 Fencing II TTh, 60NGW  
 Field Hockey III MWF, 60NGW

- Individual Body Building  
 -I MWF, 153aNGW, 201NGW  
 -VI MWF, 153aNGW  
 -III TTh, 153aNGW  
 Modern Dance, Elementary  
 -IV MWF, 151NGW  
 -VI MWF, 151NGW  
 -VIII MWF, 151NGW  
 Posture and Conditioning Exercises  
 -III MWF, 153NGW  
 -VIII MWF, 153aNGW  
 -Red Cross Life Saving IV MWF, 58NGW,  
 201NGW  
 Social Games and Mixers  
 -III TTh, 153NGW, 201NGW  
 -VI TTh, 153NGW, 201NGW

Square and Round Dance  
 —II MWF, 151NGW  
 —VII MWF, 151NGW, 201NGW  
 Swimming, Beginning  
 —II MWF, 51NGW  
 —III MWF, 51NGW  
 —III TTh, 51NGW  
 Swimming, Advanced Beginning  
 —IV MWF, 51NGW  
 —VI MWF, 51NGW

Swimming, Intermediate VIII MWF, 51NGW  
 Swimming, Intermediate and Advanced III  
 MWF, 58NGW  
 Swimming, Advanced VIII MWF, 58NGW  
 Tennis, Elementary and Advanced Elementary  
 —VIII MWF, 60NGW  
 —V TTh, 151NGW  
 Volleyball  
 —I MWF, 151NGW  
 —VIII WF, 153NGW, 201NGW

## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

### AMERICAN STUDIES

- 90 VIII-IX M, 307F (2) Smith  
 210 IX-X W, 307F (3) Hornberger

### ANTHROPOLOGY

- 40 VI MTWThF (5) Greenberg  
 54 I MWF, 106TSMc (3) Wallis  
 56 VII MWF, 106TSMc (3) Wallis  
 110 III MWF, 106TSMc (3) Wilford  
 120 II MWF, 106TSMc (3) Spencer  
 122 Ar (Ar) Wallis, Greenberg, Wilford, Spencer  
 130 III TThS, 106TSMc (3) Greenberg  
 163 IV TThS, 106TSMc (3) Spencer  
 165 IV MWF, 106TSMc (3) Spencer  
 166 II TThS, 106TSMc (3) Wallis  
 204 Ar (3) Wallis, Greenberg, Wilford

### ART

- 1 Lect. III MWF, NHAud (4) Arnason and others  
 4—1, I-II MWF, 209TSF (3) D. Torbert  
 —2, VI-VII MW, 209TSF (3) D. Torbert  
 —3, III-IV TThS, 104J (3) M. Torbert  
 5—1, I-II TThS, 104J (3) McAdams  
 —2, VI-VIII TTh, 104J (3) M. Torbert  
 10 Lect. V Th, 311MurH (3) Nestler  
 —1, Lab. VI-VII MW, 20MurH  
 —2, Lab. I-II WF, 20MurH  
 20—1, I-II MF, 207TSF (2)  
 —2, III-IV MF, 203TSF (2) Johnson and others  
 —3, VI-VII MW, 203TSF (2) Doseff and others  
 —4, VIII-IX MF, 203TSF (2) Doseff, Young  
 —5, I-II MW, 203TSF (2)  
 —6, III-IV MW, 203J (2) Doseff  
 —7, II-III TTh, 417E (2) Whiteside and others  
 —8, IV-V TTh, 417E (2) Socha  
 —9, VI-VII TTh, 203J (2) Rollins, Socha  
 —10, III-IV WF, 417E (2) Young  
 —11, I-II MF, 203J (2) Myers  
 —12, III-IV MF, 207aJ (2) Myers  
 —13, VI-VII MF, 207aJ (2) Whiteside  
 —14, VIII-IX MF, 207aJ (2) Whiteside  
 —15, II-III TTh, 207aJ (2) Parker

- 21—1, I-II MF, 417E (2) Young  
 —2, III-IV MF, 207bJ (2)  
 —3, I-II MW, 207aJ (2) Socha  
 —4, III-IV MW, 417E (2) Socha  
 —5, III-IV TTh, 203J (2) Rollins  
 33 VI-VIII TTh, 417E (3) Rood  
 43—1, I-II MWF, 2J (3) Johnson  
 —2, III-IV MWF, 2J (3) Berglund  
 —3, VI-VII MWF, 2J (3) Berglund  
 44—1, I-II MWF, 11J (3) Morton  
 —2, III-IV MWF, 11J (3) Morton  
 45 VI-VII MWF, 11J (3) Morton  
 50 V-VI TTh, 200aJ, 200bJ (2) Morris, Myers  
 53 I-II TThS, 209TSF (3)  
 56 VI MWF, 104J (3) Parker  
 60—1, I-II TTh, 200aJ, 200bJ (2) Rollins and others  
 —2, III-IV TTh, 200aJ (2)  
 —3, VI-VII TTh, 417E (2) Quirt and others  
 —4, VIII-IX TTh, 200aJ (2)  
 —5, II-III WS, 200aJ, 200bJ (2) Morris and others  
 —6, VI-VII MF, 200aJ, 200bJ (2) Young and others  
 —7, I-II MW, 207bJ (2) Doseff  
 —8, I-IV S, 417E (2)  
 63 III-IV MWF, 209TSF (3)  
 66 VII MWF, 104J (3) Patrick  
 70—1, I-IV S, 207bJ (2) Quirt  
 —2, I-II TTh, 207bJ (2) Morris  
 —3, III-IV TTh, 200bJ (2) Quirt  
 —4, VI-VII MW, 417E (2)  
 —5, I-II MF, 200aJ (2)  
 —6, V-VI MW, 207bJ (2) Rollins  
 73 III-IV TThS, 209TSF (3) McAdams  
 80—1, II-IV MF, 200bJ (2) Quirt  
 —2, Ar (2)  
 —3, Ar (2)  
 —4, Ar (2)  
 83—1, I-II TThS, 11J (3) Rood  
 —2, III-IV TThS, 11J (3) Rood  
 87 VII-VIII MWF, 4J (3) Berglund  
 90 Ar (2) Myers  
 93—1, I-II TThS, 10J (3)  
 —2, III-IV TThS, 10J (3)  
 —3, VI-VIII TTh, 10J (3) Lupori  
 106 II MWF, 104J (3)

- 116 III MWF, 104J (3)  
 126 IV MWF, 104J (3)  
 133 VIII-IX T 209TSE and 1 hr. ar. (3) Lien  
 146 VIII MWF, 104J (3) Patrick  
 150 Ar (Ar)  
 183 Ar (3) Road  
 193 Ar (3) Lupori  
 200 Ar (Ar)  
 206 Ar (3) Arnason and staff  
 216 Ar (3) Arnason and staff  
 236 Ar (Ar) Arnason and staff

### ASTRONOMY

- 11 IV MTWF, 133Ph (5) Luyten  
 101 II MWF, 358Ph (3) Luyten  
 140 II MWF, 358Ph (3) Luyten

### BOTANY

- 1—1, Lect. III TTh, 150Ph (3) Banks  
 —2, Lect. VI TTh, 150 Ph (3) Banks  
 —1, Lab. III-IV TTh, 1,4,5Bo  
 —2, Lab. V-VI TTh, 1,4,5Bo  
 —3, Lab. VII-VIII TTh, 1,4,5Bo  
 —4, Lab. IX-X TTh, 1,4,5Bo  
 —5, Lab. I-II WF, 1,4,5Bo  
 —6, Lab. III-IV WF, 1,4,5Bo  
 —7, Lab. V-VI WF, 1,4,5Bo  
 —8, Lab. VII-VIII WF, 1,4,5Bo  
 50 Lect. III MW, 301IA (3) Cooper  
 —1, Lab. I-II MW, 214Bo  
 —2, Lab. IV-V MW, 214Bo  
 113—1, VI-VIII TTh, 401Bo (3) Ownbey  
 —2, VI-VIII MW, 401Bo (3)  
 119 Lect. IV MW, 202Bo (3) Dahl  
 —1, Lab. II-III MW, 202Bo  
 —2, Lab. VI-VII MW, 202Bo  
 121 II-IV MWF, 209Bo (5) Abbe  
 130 Lect. III MW, 301IA (3)  
 —1, Lab. I-II MW, 214Bo  
 —2, Lab. IV-V MW, 214Bo  
 131 VI-VIII MWF, 214Bo (5) Cooper, Lawrence  
 134 I-III TThS and IV S, 215Bo (5) Lawrence  
 140 1:00-2:15 p.m. TTh, 110Bo (3) Brown  
 170 9:00-10:00 a.m. TTh, 110Bo (3) Brown, Frenkel  
 173—1, VI-X T, 104Bo (2) Brown, Frenkel  
 —2, VI-X Th, 104Bo (2) Brown, Frenkel  
 197 Ar (1 to 5)  
 201 Ar (Ar) Abbe  
 205 Ar (Ar) Ownbey  
 209 Ar (Ar) Banks  
 221 Ar (Ar) Lawrence  
 225 Ar (Ar) Brown, Frenkel  
 229 Ar (Ar) Dahl  
 240 Ar (Ar) Abbe  
 243 Ar (Ar) Ownbey  
 246 Ar (Ar) Banks  
 249 Ar (Ar) Lawrence  
 252 Ar (Ar) Frenkel, Brown  
 255 Ar (Ar) Dahl

### CLASSICS

#### Greek

- 1 II MTWThF, 103F (5)  
 51 IX MWF, 103F (3) Heller  
 171 Ar (3) Swanson  
 201 III-IV S, 103F (3) Heller

#### Latin

- 1 IV MTWThF, 103F (5) Heller  
 11 III MTWThF, 103F (5) Forbes  
 51 Ar (3)  
 73 Ar (2) Heller  
 81 II MWF, 108F (3) Swanson  
 111 II TTh, 108F (2) Heller  
 171 Ar (3)  
 211 Ar (3)

#### Classics

- 31 IV MW, 109F (2)  
 106 VIII MWF, 103F (3) Swanson  
 191 V MWF, 103F (3)

### DRAWING AND DESCRIPTIVE GEOMETRY

#### Institute of Technology

- 44 IV T, 210TSE (1)  
 45 III TS, 36EE (2)

### ENGLISH

#### English

- 21—1, III MTWThF, 301F (5) Jackson  
 —2, VI MTWThF, 301F (5) Moore  
 37 VII MWF, 308F (3) O'Connor  
 52 VII MWF, 204F (3) Moore  
 55—1, I TThS, 305F (3) Hessler  
 —2, II TThS, 305F (3)  
 —3, VI MWF, 204F (3) Buckley  
 —4, VII MWF, 110F (3) Dunn  
 —5, VIII MWF, 303F (3) Christie  
 56—1, II MWF, 204F (3) Montgomery  
 —2, II TThS, 204F (3) Moore  
 —3, VI MWF, 209½F (3) Turpie  
 62 IV MWF, 110F (3) Dunn  
 73—1, II MWF, 308F (3) McDowell  
 —2, VII MWF, 301F (3) H. N. Smith  
 75 III MTWF, 204F (4) Atkins  
 97 Ar, 111F (3) Hessler  
 100 II TWThF, 110F (4) Clark  
 120 VI MWF, 206F (3) Warren  
 123 IX-X T, 204F (3) Warren  
 126 IV MWF, 204F (3) Hillhouse  
 130 VI MWF, 110F (3) Montgomery  
 134 VI MWF, 307F (3) Bowron  
 157 VI MWF, 207F (3) Brown  
 159 III MWF, 206F (3) Hornberger  
 165 VII MWF, 2F (3) Allen  
 167 II MWF, 307F (3) O'Connor  
 170 II MWF, 2F (3) Brown  
 171 VII-VIII T, 304F (2) Allen



- 175 IV MWF, 304F (3) Jackson  
 183 II MWF, 3F (3) Unger  
 184 IX-X W, 311½F (3) Bentley  
 187 II MWF, 207F (3) Monk  
 191 IV MWF, 108F (3) Atkins  
 197 III MWF, 115F (3) Dunn  
 256 IX-X T, 312Lib (3)  
 262 Ar (3)  
 265 IX-X F, 312Lib (3) McDowell  
 274 IX-X M, 312Lib (3) Monk  
 277 Ar (3)

### Composition

- A—1, I MTWThF, 204F (5)  
 —2, II MTWThF, 321 F (5)  
 —3, III MTWThF, 207F (5)  
 —4, IV MTWThF, 10F (5)  
 —5, V MTWThF, 303F (5)  
 —6, VI MTWThF, 113F (5)  
 —7, VII MTWThF, 321F (5)  
 —8, VIII MTWThF, 321F (5)  
 C VI MTWThF, 5F (5)  
 4—1, I MWF, 303F (3)  
 —2, II MWF, 107TNM (3)  
 —3, III MWF, 303F (3)  
 —4, IV MWF, 107TNM (3)  
 —5, V MWF, 305F (3)  
 —6, VI MWF, 107TNM (3)  
 —7, VII MWF, 207F (3)  
 —8, VIII MWF, 107TNM (3)  
 5 I MWF, 209½F (3)  
 6—1, VII MWF, 3F (3)  
 —2, VIII MWF, 204F (3)  
 7 V MWF, 205F (3) Christie  
 27—1, I MWF, 304F (3) O'Connor  
 —2, II MWF, 13F (3) Buckley  
 —3, III MWF, 304F (3) Christie  
 —4, IV MWF, 307F (3) del Plaine  
 —5, V MWF, 304F (3)  
 —6, VI MWF, 109F (3) Engelhart  
 —7, VII MWF, 303F (3)  
 —8, VIII MWF, 206F (3)  
 —9, I TThS, 304F (3)  
 —10, II TThS, 205F (3) Bean  
 —11, VI TTh and VII Th, 205F (3) McLaughlin  
 —12, VII TTh and VI Th, 305F (3)  
 28—1, I MWF, 205F (3) R. Smith  
 —2, II MWF, 5F (3)  
 —3, III MWF, 307F (3) Scallon  
 —4, IV MWF, 6F (3) Macdonald  
 —5, VI MWF, 3F (3) C. Johnson  
 —6, VII MWF, 304F (3) Buckley  
 —7, I TThS, 205F (3) Steinmann  
 29—1, II TThS, 303F (3) Hessler  
 —2, III MWF, 3F (3) del Plaine  
 67—1, IV MWF, 304F (3) Phelan  
 —2, VI MWF, 304F (3) Atkins  
 69 VIII-IX M, 304F (2) Phelan  
 101—1, VIII-IX W, 304F (3) Phelan  
 —2, VIII-IX F, 304F (3) Unger  
 200 IX-X M, 204F (3) Warren

## GENERAL STUDIES

### Communication

- 1—1, I MWThF, 15TNM (4)  
 —2, I MTThS, 19TNM (4)  
 —3, II MTWF, 15TNM (4)  
 —4, II TThFS, 106TNM (4)  
 —5, III MTWF, 8TNM (4)  
 —6, III TThFS, 14TNM (4)  
 —7, IV MWThF, 9TNM (4)  
 —8, IV TThFS, 15TNM (4)  
 —9, V MTWF, 8TNM (4)  
 —10, VI MTWF, 15TNM (4)  
 —11, VII MTWF, 15TNM (4)  
 —12, VIII MTWF, 15TNM (4)  
 —13, IX MTWF, 8TNM (4)  
 2 V MWF, 14 TNM (3)  
 3 V MWF, 15 TNM (3)

### Family Life

- 1—1, II MWF, 107NH (3) Dyer and others  
 —2, V MWF, 153TSF (3)  
 —3, VII MWF, 153TSF (3)  
 —4, II TThS, 207F (3)  
 14 IX MTWThF and X TTh, 5UHS (5)  
 15 IV MWF, 206WeH (3) Goldstein  
 20 II TThS, 102NH (3) Price  
 25 III WF, 200Pt (3) Hansen

### Humanities

- 1—1, I MTWThF, 206F (5) Bryan  
 —2, II MTWThF, 206Pt (5) Cronin  
 —3, II MTWThF, 209NH (5) Loban  
 —4, III MTWThF, 06Bo (5) McClosky  
 —5, IV MTWThF, 301F (5) Ames  
 —6, IV MTWThF, 209NH (5) Livingston  
 —7, V MTWThF, 2F (5) Sylvester  
 —8, V MTWThF, 206F (5)  
 —9, VI MTWThF, 107NH (5) Ramsland  
 —10, VII MTWThF, 111NH (5) Castell  
 —11, VIII MTWThF, 207F (5) Parrish  
 3 III MTWThF, 308F (5) Bowditch  
 4 IV MTWThF, 2P (5) Swanson  
 11 III MTWThF, 157TSF (5) Holmer  
 21—1, II MWF, 110P (3) Bowron  
 —2, III MWF, 210P (3) Turpie  
 —3, VII MWF, 221Bu (3) Tyler  
 51—1, II MTWThF, 153TSF (5)  
 —2, II MTWThF, 301F (5) Shaw  
 —3, VI MTWThF, 133Ph (5) Wolf  
 61—1, I MTWThF, 301F (5) Clark  
 —2, VI MTWThF, 207NH (5) Unger  
 71 VII MWF, 110P (3) Hornberger  
 131 Ar (2) Castell

### Natural Science

- 1 II MTWThF, 166Ph (5) Graubard  
 4 Lect. IV MWF, 166Ph (3) Buchta  
 —1, Lab. VI-VII M  
 —2, Lab. VIII-IX M  
 —3, Lab. III-IV T  
 —4, Lab. VI-VII W  
 —5, Lab. III-IV Th

- 6, Lab. VI-VII Th
- 7, Lab. VI-VII F
- 8, Lab. I-II S
- 7 Lect. VI MW, 313Z (3) Banks, Osterud
- 1, Lab. I-II TTh
- 2, Lab. IX-X W and I-II S
- 3, Lab. IX-X MF
- 171 IV MWF, 145Ph (3) Graubard

**Personal Orientation**

- 1-1, I MWF, 253TSF (2) Herbert
- 2, II MWF, 253TSF (2)
- 3, VIII MWF, 253TSF (2)
- 4, IX MWF, 253TSF (2)
- 11 II TTh, 253TSF and 1 hr. ar (2)

**Social Science**

- 1-1, I MWF, 209NH (4) Naftalin and others
- 2, II MWF, 221Bu (4)
- 3, III MWF, 111NH (4)
- 4, IV MWF, 107NH (4)
- 5, V MWF, 111NH (4)
- 6, VI MWF, 111NH (4)
- 7, III TThS, 257TSF (4)
- 2 II TThS, 111Bu and 1 hr. ar. (4)
- 3 V MWF, 207NH and 1 hr. ar. (4)
- 11 III MWF, 216NH (3) Levi
- 81 IV MWF and V F, 14P (3)

**GEOGRAPHY**

- 11-1, I MTWThF, 103Bu (5) Kress
- 2, III MTWThF, 103Bu (5)
- 41-1, V MTWThF, 103Bu (5) Kress
- 2, VI MTWThF, 103Bu (5) Weaver
- 43 II MTWThF, 103Bu (5) Broek
- 71 VII MWF, 103Bu (3) Weaver
- 110 IV MWF, 103Bu (3)
- 251 VII-VIII T, 103Bu (Ar) Broek
- 301 Ar (Ar) Broek, Weaver

**GEOLOGY AND MINERALOGY**

- 1-1, III TThS, 2P (3) Wright
- 2, VI MWF, 2P (3) Swain
- A-1, I-II TTh, 22P (2)
- 2, VI-VII MW, 22P (2)
- 3, VI-VII TTh, 22P (2)
- 2 IV MWF, 110P (3) Swain
- B III-IV TTh, 22P (2)
- 5 I MWF, 2P (3) Schwartz
- 8 II MTWThF, 2P (5) Thiel
- 23 Lect. I MWF, 110P (5) Gruner
- Rec. VIII T, 110P
- Lab. VI-VII TTh, 100P (I.T. labs ar.)
- 101 III TThS, 210P (3) Thiel
- 106 VI-VII TTh, 200P (2) Grout (I.T. labs. ar.)
- 107 VI-VIII TTh, 105P (3) Bell
- 110 I TTh and VI F, 210P (3) Schwartz
- 118 I MWF, 220P (3) Wright
- 121 Ar, 100P (3) Gruner
- 125 II TThS, 218P (3) Wright
- 146 Ar, 100P (4) Gruner
- 153 Lect. II T, 110P (3) Swain
- Lab. VI-VII TTh, 101P
- 170 Ar (3)

**GERMAN**

- 1-1, I MTWThF, 209F (5)
- 2, II MTWThF, 213F (5)
- 3, III MTWThF, 213F (5)
- 4, IV MTWThF, 2F (5)
- 5, V MTWThF, 213F (5)
- 6, VI MTWThF, 213F (5)
- 7, VII MTWThF, 213F (5)
- 1a Demonstration III MTWThF, 2F
- Lab. Drill IV MTWThF, 3F (5)
- 1b II MTWThF, 109F (5)
- 2-1, III MTWThF, 159TSF (5)
- 2, VII MTWThF, 209F (5)
- 3-1, I MTWThF, 213F (5)
- 2, II MTWThF, 6F (5)
- 3, V MTWThF, 209F (5)
- 4, VI MTWThF, 209F (5)
- 4-1, III MTWThF, 5F (5)
- 2, IX MTWThF, 213F (5)
- 24 IV MWF, 208F (3)
- 24a IV MWF, 213F (4)
- 27 IV MWF, 209F (3)
- 33-1, II MTWThF, 208F (5)
- 2, IV MTWThF, 209½F (5)
- 41 IV TTh, 209F (2)
- 50 VI MF, 208F (2) Downs
- 53 VI TTh, 208F (2) Uhle
- 56 III TThS, 208F (3) Pfeiffer
- 63 IV MWF, 207F (3) Burkhard
- 70 III MWF, 208F (3) Downs
- 73 VII MF, 208F (2) Downs
- 113 Ar (Ar) Downs
- 150 VIII-X T, 208F (3) Burkhard
- 173 VIII-X F, 208F (3) Pfeiffer

**HISTORY**

- 1 Lect. II TTh, BuAud (3) Wolf
- 1, I M, 159TSF
- 2, I T, 107TNM
- 3, I W, 4TNM
- 4, I Th, 107TNM
- 5, II M, 106TNM
- 6, II W, 106TNM
- 7, II F, 106NH
- 8, II S, 107TNM
- 9, III T, 107TNM
- 10, III W, 15TNM
- 11, III Th, 107TNM
- 12, IV T, 107TNM
- 13, IV Th, 107TNM
- 14, VI M, 5ShH
- 15, VI W, 14TNM
- 16, VI Th, 107TNM
- 17, VII M, 5ShH
- 18, VII T, 107TNM
- 19, VII W, 14TNM
- 20, VII Th, 107TNM
- 3 Lect. II MW, MurHAud (3) Deutsch, Bowditch
- 1, II T, 107TNM
- 2, II Th, 107TNM
- 3, II F, 207NH
- 4, VI T, 107TNM
- 5, VI Th, 19TNM

- 4 Lect. II MW, BuAud (3)  
 —1, I T, 257TSF  
 —2, I Th, 257TSF  
 —3, II T, 14TNM  
 —4, II Th, 19TNM  
 —5, III T, 19TNM  
 —6, III Th, 8TNM  
 —7, VII T, 202TNUH  
 —8, VII Th, 15TNM
- 11 IV MWF, 221Bu (3) Krey, Thompson  
 14 VII TWTh, 100NH (3) Jones  
 14A VII MTWThF, 100NH (5) Heller, Jones  
 20—1, Lect. II TTh, 200Pt (3) Twyman  
 —2, Lect. VIII TTh, 211NH (3) Twyman  
 —1, II F, 322F  
 —2, IV T, 111Bu  
 —3, IV Th, 111Bu  
 —4, IV F, 307MNH  
 —5, VI W, 111Bu  
 —6, VI F, 111Bu  
 —7, VII F, 101NH  
 —8, VIII M, 111Bu  
 —9, IX M, 111Bu
- 50b I TThS, 112Bu (3) Jones  
 53 III MWF, 221Bu (3) Krey  
 56a IV MWF, 112Bu (3) Anderson  
 56b III MWF, 101NH (3) Anderson  
 59 IV MWF, 111Bu (3) Steefel  
 65 I MWF, 111NH (3) Deutsch  
 68a III MWF, 111Bu (3) Stephenson  
 70—1, Lect. I MW, 200Pt (3) Ross  
 —1, I F, 101NH  
 —2, III Th, 145Ph  
 —3, VI F, 102NH  
 —2, Lect. I MWF, 111Bu (3) Thompson  
 72 VII MWF, 111Bu (3) Thompson  
 73a II MWF, 111Bu (3) Holmes  
 76 III TThS, 221Bu (3) Burt  
 79a VI MWF, 221Bu (3) Bowditch  
 80 I TThS, 111Bu (3) Heaton  
 83 II TThS, 107NH (3) Loehr  
 86 II MWF, 112Bu (3) Tyler  
 86a III MWF, 112Bu (3) Tyler  
 90 III TThS, 111Bu (3)  
 93 VI MWF, 213NH (3) Beatty  
 93a VIII MWF, 221Bu (3) Beatty  
 97 III MWF, 301Lib (3) Jordan  
 138 II MWF, 102NH (3) Clausen  
 143 I MWF, 102NH (3) Jordan  
 150 Ar (3) Jones  
 153 VIII-IX W, 339Lib (3) Krey  
 156—(Scandinavia) Ar (3) Clausen  
 —(World War II) Ar (3) Deutsch  
 —(Seventeenth Century France) VIII-IX M,  
 106Bu (3) Wolf  
 —(Russian History) Ar (3) Anderson  
 —(Recent European History) Ar (3) Deutsch  
 180 VI-VII T, 111Bu (3) Heaton  
 183 VI-VII Th, 301Lib (3) Loehr  
 190—(Third Party Movement since Civil War)  
 VI-VII T, 328Lib (3) Stephenson  
 —(Phases of Early American Social and Intel-  
 lectual History) VI-VII Th, 328Lib (3)  
 Tyler

- (The Mississippi Valley) Ar (3)  
 —(Readings in Minnesota and the Northwest)  
 VIII-IX W, 301Lib (3) Jordan

- 201 IV S, 111Bu (1) Steefel and others  
 208 Ar (3) Loehr  
 221 Ar (3) Heaton  
 224 Ar (3) Steefel  
 230 Ar (3) Jones  
 240 Ar (3) Jones, Beatty

## JAPANESE

- 1 VII MTWThF, 108F (5) Syro-Boyarsky  
 51 VIII MWF, 108F (3) Syro-Boyarsky  
 61 IX MWF, 302F (3) Syro-Boyarsky

## JOURNALISM

- 10 Lect. V Th, 311MurH (3) Nestler  
 —1, Lab. VI-VII MW, 20MurH  
 —2, Lab. I-II WF, 20MurH
- 11—1, I MWF, 311MurH (3) Janson  
 —2, I TThS, 302MurH (3) Patterson  
 —3, IV MWF, 311MurH (3) Ford
- 13—1, I-II MWF, 212MurH (3) Hage  
 —2, III-IV MWF, 212MurH (3) Gerald  
 —3, VI-VII MWF, 212 MurH (3) Patterson  
 —4, VIII-IX MWF, 212MurH (3) Charnley  
 —5, I-II TThS, 212MurH (3) Hovey  
 —6, III-IV TThS, 212MurH (3) Emery  
 —7, VI-VIII TTh, 212MurH (3) Jensen  
 —8, III-IV MWF, 210MurH (3) Hiebert
- 15—1, I-II MWF, 210MurH (3) Hovey  
 —2, VI-VII MWF, 210MurH (3) Emery  
 —3, VIII-IX MWF, 210MurH (3) Gerald  
 —4, I-II TThS, 210MurH (3) Duncan  
 —5, VI-VIII TTh, 210MurH (3) Hage
- 51 Lect. V T, 105MurH (3) Kildow  
 —1, Lab. VI-VII T, 207MurH  
 —2, Lab. VI-VII Th, 207MurH  
 —3, Lab. VIII-IX M, 207MurH  
 —4, Lab. VIII-IX W, 207MurH  
 —5, Lab. VIII-IX F, 207MurH  
 —6, Lab. I-II T, 207MurH  
 —7, Lab. I-II Th, 207MurH
- 52 Lect. V T, 308MurH (3) Emery  
 —1, Lab. VIII-IX TTh, 206MurH  
 —2, Lab. VI-VII MF, 206MurH  
 —3, Lab. VIII-IX WF, 206MurH  
 —4, Lab. III-IV MW, 206MurH
- 55—1, Lect. VII M, 311MurH (3) Barnhart  
 —2, Lect. II F, 105MurH (3) Wilson  
 —1, Lab. VIII-IX MW, 315MurH, Barnhart  
 —2, Lab. VI-VII TTh, 315MurH, Barnhart  
 —3, Lab. VI-VII WF, 315MurH  
 —4, Lab. I-II MW, 315MurH  
 —5, Lab. III-IV MF, 315MurH  
 —6, Lab. I-II TTh, 315MurH  
 —7, Lab. III-IV TS, 315MurH
- 63 III TThS, 302MurH (3) Charnley  
 65 IV MWF, 105MurH (3) Barnhart

- 66 Lect. VIII M, 311MurH (3) Kildow  
—1, Lab. I-II TTh, 20MurH, Kildow  
—2, Lab. VIII-IX WF, 20MurH, Kildow
- 67 Lect. VII WF, 302MurH (3) Jensen  
Lab. III-IV Ar, 202MurH
- 73—1, VI MWF, 302MurH (3) Charnley, Hage  
—2, Ar (3)
- 76 II TThS, 311MurH (3) Ford
- 78 I MWF, 308MurH (3) Kildow
- 86 VI MWF, 311MurH (3)
- 93 II TThS, 308MurH (3) Barnhart
- 99 Ar (Ar) Staff
- 111 II MWF, 308MurH (3) Nafziger
- 130 III MWF, 105MurH (3) Casey
- 140 Lect. VI TTh, 105MurH (3) Staff  
Rec. VII T, 308MurH
- 205 Ar (3) Nafziger
- 210 Ar (2 or 3) Casey, Nafziger, Gerald

### LINGUISTICS

- 124 VII TThS, 106TSMc (3) Greenberg
- 131 Ar (2) Swanson

### MATHEMATICS

- 1—1, I MTWThF, 206P (5)  
—2, III MTWThF, 206Pt (5)  
—3, VI MTWThF, 206Pt (5)  
—4, VIII MTWThF, 102F (5)
- 6—1, II MTWThF, 102F (5)  
—2, VII MTWThF, 109F (5)
- 7—1, II MTWThF, 107F (5)  
—2, VI MTWThF, 104F (5)
- 8—1, IV MTWThF, 206Pt (5)  
—2, VII MTWThF, 101F (5)
- 15—1, III MTWThF, 104F (5)  
—2, V MTWThF, 104F (5)
- 30—1, I MTWThF, 105F (5)  
—2, IV MTWThF, 105F (5)
- 50—1, III MTWThF, 105F (5)  
—2, VI MTWThF, 105F (5)
- 51 I MTWThF, 109F (5)
- 60 VII MTWThF, 104F (3) Carlson
- 102 I MWF, 102F (3) Carlson
- 105 V MTWThF, 105F (5)
- 106 III TThS, 109F (3) Loud
- 110 Ar (3 to 6)
- 121 IV TThS, 108F (3) Bearman
- 136 III MWF, 102F (3) Gibbens
- 170 II MWF, 104F (3) Kalisch
- 206 II TThS, 104F (3) Hart
- 245 II TThS, 201F (3) Cameron
- 271 IV TThS, 204F (3) Cameron

### MUSIC

- A Ar (0)
- D Ar (0)
- 1 I MTWTh, 3ScH (2) Berryman
- 1T—1, II MTWThF, 3ScH (3) Feese  
—2, II MTWThF, 103ScH (3)  
—3, VII MTWThF, 3ScH (3) Feese  
—4, VII MTWThF, 103ScH (3)
- 4T—1, I MTWThF, 103ScH (4) Malcolm  
—2, III MTWThF, 3ScH (4) Malcolm  
—3, VI MTWThF, 3ScH (4) Malcolm

- 11 VIII Th and lesson hrs. ar. (2 to 4)
- 11C VIII Th and one of the following sections:  
(2 to 4)  
—1, II TTh  
—2, III TTh  
—3, VI TTh
- 12 VIII Th and lesson hrs. ar. (2 to 4)
- 12C VIII Th and one of the following sections:  
(2 to 4)  
—1, III TTh  
—2, VI TTh  
—3, VII MW
- 13 VIII Th and lesson hrs. ar. (2 to 4)
- 14 VIII Th and lesson hrs. ar. (2 to 4)
- 15 VIII Th and lesson hrs. ar. (2 to 4)
- 16 VIII Th and lesson hrs. ar. (2 to 4)
- 17 VIII Th and lesson hrs. ar. (2 to 4)
- 18 VIII Th and lesson hrs. ar. (2 to 4)
- 19 VIII Th and lesson hrs. ar. (2 to 4)
- 20 VIII Th and lesson hrs. ar. (2 to 4)
- 21 VIII Th and lesson hrs. ar. (2 to 4)
- 22 VIII Th and lesson hrs. ar. (2 to 4)
- 23 VIII Th and lesson hrs. ar. (2 to 4)
- 24 VIII Th and lesson hrs. ar. (2 to 4)
- 25 VIII Th and lesson hrs. ar. (2 to 4)
- 26 VIII Th and lesson hrs. ar. (2 to 4)
- 27 VIII Th and lesson hrs. ar. (2 to 4)
- 31 III MWF, ScHAud (2) Oberg, Ivory
- 34 II MWF, 4ScH (2) Ferguson
- 37 II TTh, 2ScH (3) Jennings
- 40—1, 7:00 p.m. T, NMA (1) Oberg  
—(Strings) IX M, 4ScH  
—(WW and Brass) IX W, 4ScH  
—(Full Orchestra) IX F, 4ScH  
—2, VI TTh, 4NMA (1)
- 43—1, IV MTWF, 5NMA (1) Aliferis  
—2, VIII MTWF, 5NMA (1) Aliferis  
—3, 7:00 p.m. W, 5NMA (1)
- 43U X TTh, 102Hr (1) Rymer
- 46—1, IX MTTh, 4NMA (1) Prescott  
—2, IX MWF, 4NMA (1) Prescott
- 50 III TTh, 104ScH (2) Ivory
- 53 VII WF, 104ScH (2) Kendall
- 56 VI-VII TTh, 104ScH (3) Ferguson
- 60 VI MWF, 104ScH (2) Stephens
- 63 VIII WF, 104ScH (2) Hull
- 66 VI MTWF, 5NMA (1)
- 70 I MWF, 2ScH (2) Kendall
- 73 III MW, 104ScH (2) Aliferis
- 76 II MWF, 104ScH (3) Stephens
- 77 Ar (2) Ferguson
- 80 VIII MWF, 103ScH (2) Kendall
- 83 Ar (2) Ferguson
- 86 III TF, 103ScH (2)
- 90 VI MWF, 104ScH (2) Stephens
- 93 II TTh, 206ScH (1) Berryman
- 200 VIII-IX MF, 104ScH and conf. hr. ar. (3)  
Ferguson
- 205 Ar (3) Ferguson
- 209 II MWF, 2ScH (3) Oberg
- 212 Ar (3 to 9) Oberg, Ferguson

## PHILOSOPHY

- 1—1, III MTWThF, 209NH (5) Swanson  
 —2, V MTWThF, 106NH (5) Brodbeck  
 —3, VII MTWThF, 207NH (5) Conger  
 2—1, Lect. IV MWF, 200Pt (5) Castell  
 —1, IV TTh, 257TSF  
 —2, V TTh, 257TSF  
 —2, Lect. VIII MTWThF, 322F (5) Brodbeck  
 2A VI MWF, 209NH (3) Sellars, Wiggins  
 3—1, II MTWThF, 307MNH (5) Hospers  
 —2, VI MTWThF, 166Ph (5) Wiggins  
 50 III MTWThF, MNHAud (5) Shaw  
 70 IV MWF, 211NH (3) Wiggins  
 81 III MWF, 109Psy (3) Brodbeck  
 101 III TTh, 109Psy (2) Feigl  
 106 VIII MWF, 101F (2) Sellars  
 110 IV MWF, 4F (3) Sellars  
 114 VI MWF, 100NH (3) Castell  
 115 III MWF, 322F (3) Hospers  
 117 Ar (3) Holmer  
 143 III MWF, 259TSF (3) Feigl  
 170 VII MWF, 206F (3) Holmer  
 180 VI MWF, 112Bu (3) Conger  
 191 Ar (3) Conger, Feigl, Castell, Sellars, and others  
 220 Ar (3) Sellars  
 230 Ar (3) Hospers  
 244 Ar (3) Feigl, Meehl  
 250 Ar (3) Feigl

## PHYSICS

- 1 III MWF, 150Ph (3) Kruglak  
 1a Lect. III MWF, 150Ph (4) Kruglak  
 —1, Lab. I-II M, Wall and assistants  
 —2, Lab. V-VI T  
 —3, Lab. IX-X T  
 —4, Lab. I-II W  
 —5, Lab. I-II Th  
 —6, Lab. V-VI F  
 —7, Lab. IX-X F  
 2 VIII MWF, 133Ph (3)  
 2a Lect. VIII MWF, 133Ph (4)  
 —1, Lab. I-II M  
 —2, Lab. VI-VII M  
 —3, Lab. VIII-IX Th  
 4 Lect. and Quiz I MTWThF, 150Ph (5)  
 —1, Lab. III-IV M, Wall and assistants  
 —2, Lab. V-VI M  
 —3, Lab. VII-VIII M  
 —4, Lab. III-IV T  
 —5, Lab. VII-VIII T  
 —6, Lab. IX-X T  
 —7, Lab. V-VI W  
 —8, Lab. V-VI Th  
 —9, Lab. VII-VIII Th  
 —10, Lab. VII-VIII F  
 5 Lect. and Quiz III MTWThF, 166Ph (5) Schmitt  
 —1, Lab. IX-X M, Wall and assistants  
 —2, Lab. I-II T  
 —3, Lab. V-VI T  
 —4, Lab. V-VI Th  
 —5, Lab. VII-VIII Th

- 7—1, Lect. II MTWThF, 145Ph (5) Williams  
 —2, Lect. II MTWThF, 150Ph (5) Kruglak  
 —3, Lect. IV MTWThF, 150Ph (5) Lofgren  
 —1, Lab. VII-VIII M, Wall and assistants  
 —2, Lab. IX-X M  
 —3, Lab. I-II T  
 —4, Lab. VII-VIII T  
 —5, Lab. V-VI W  
 —6, Lab. I-II Th  
 —7, Lab. III-IV Th  
 —8, Lab. V-VI Th  
 —9, Lab. VII-VIII Th  
 —10, Lab. IX-X Th  
 —11, Lab. I-II F  
 —12, Lab. III-IV F  
 —13, Lab. V-VI F  
 —14, Lab. VII-VIII F  
 —15, Lab. IX-X F  
 8—1, Lect. and Quiz VII MTWThF, 150Ph (5) Oppenheimer  
 —2, Lect. and Quiz IX MTWThF, 150Ph (5)  
 —1, Lab. I-II T  
 —2, Lab. III-IV T  
 —3, Lab. V-VI T  
 —4, Lab. VII-VIII T  
 —5, Lab. I-II Th  
 —6, Lab. III-IV Th  
 —7, Lab. V-VI F  
 —8, Lab. IX-X F  
 9—1, Lect. and Quiz II MTWThF, 133Ph (5)  
 —2, Lect. and Quiz V MTWThF, 166Ph (5)  
 —1, Lab. IX-X M, Wall and assistants  
 —2, Lab. I-II T  
 —3, Lab. VII-VIII T  
 —4, Lab. V-VI Th  
 —5, Lab. III-IV Th  
 —6, Lab. VII-VIII Th  
 —7, Lab. VII-VIII F  
 101 I MTWThF, 133Ph (5) Nier  
 107 VI MWF, 145Ph (3) Oppenheimer  
 114 Ar (3)  
 116 Ar (3)  
 118 Ar (3)  
 131 II TThS, 241Ph (3) Valasek  
 134 VII-IX TTh, 348Ph (3) Valasek  
 144 Lect. III TThS, 133Ph (3) Wall  
 —1, Lab. VI-IX M  
 —2, Lab. VI-IX Th  
 181 IV MWF, 143Ph (3) Tate  
 191 III MWF, 145Ph (3) Hill

## POLITICAL SCIENCE

- 1—1, IV MWF, NHAud (3) Christensen  
 —2, I TThS, 213NH (3)  
 5 VI MTWThF, 211NH (5)  
 7 III MWF, 211NH (3)  
 9 III TThS, 213NH (3)  
 15 VI WF, NHAud (3) Lippincott  
 25 II TThS, MNHAud (3) Mills  
 51 Lect. II TTh, 112Bu (3) Naftalin  
 —1, III T, 112Bu  
 —2, III Th, 112Bu  
 80 IV MWF, 207NH (3) Short

- 91 Ar (Ar)  
 101 II TThS, 216NH (3) Anderson  
 116 I MWF, 207NH (3)  
 120 II TThS, 207NH (3) Ludwig  
 123 III MWF (3) Jones, Caplow, Filipetti, Vaile  
 124 VII MWF, 213NH (3) Christensen  
 131 II MWF, 211NH (3) Short  
 137 II MWF, 213NH (3) Christensen  
 141 IV MWF, 213NH (3) McClosky  
 149 III MWF, 207NH (3) Mills  
 160 III TThS, 211NH (3) Kirkpatrick  
 164 IV TThS, 207NH (3) Kirkpatrick  
 175 III TThS, 207NH (3) McLaughlin  
 180 I TThS, 207NH (3) McLaughlin  
 184 I MWF, 213NH (3) Levi  
 191 II MWF, 216NH (3) Quigley  
 210 VIII½-X½ TTh, 13Lib (3) Ludwig, Short  
 216 VII-VIII M, 208NH (3) McClosky  
 222 VII-VIII T, 202NH (3) Kirkpatrick  
 225 VIII-IX TTh, 202NH (3) Lippincott  
 229 IV-V½ TTh, 107NH (3) Anderson  
 238 Ar (3) McLaughlin  
 242 Ar (3) Mills  
 245 VII-VIII W, 212NH (3) Quigley  
 248 Ar (3) Levi

### PSYCHOLOGY

- A V MTWThF, NHAud (5) Longstaff, MacCorquodale  
 1—1, III MWF, BuAud (3) Elliott and others  
 —2, V MWF, BuAud (3)  
 4—1, I-II TTh, 211Psy (2) Tinker and others  
 —2, V-VI TTh, 211Psy (2)  
 —3, VII-VIII TTh, 211Psy (2)  
 —4, V-VI MW, 211Psy (2)  
 —5, VII-VIII MW, 211Psy (2)  
 —6, III-IV MW, 211Psy (2)  
 —7, IX-X TTh, 211Psy (2)  
 —8, IX-X MW, 211Psy (2)  
 —9, III-IV TS, 211Psy (2)  
 —10, I-II FS, 211Psy (2)  
 56 II MWF, NHAud (3) Longstaff  
 65 II TThS, 115Psy (3) MacCorquodale  
 70 VI MWF, 115Psy (3) Clark  
 90 Ar (Ar) Elliott and others  
 101 VII MWF and VIII WF, 109Psy (3) Tinker  
 108 Ar (3) Elliott  
 125 II MWF, 115Psy (3) Paterson  
 127 Ar (3) Longstaff  
 128 II MWF, 109Psy (3) Heron  
 130 Lect. I MW, 211Psy (3)  
 Lab. V-VI F, 211Psy  
 135 VIII-IX M, 115Psy (2)  
 144 IV MWF, MNHAud (3) Bird  
 151 VI MTWThF, 109Psy (5) Heron  
 160 III MWF, 133Ph (3) Longstaff, John

### ROMANCE LANGUAGES

#### French

- 1—1, I MTWThF, 201F (5)  
 —2, IV MTWThF, 226F (5)  
 —3, VI MTWThF, 226F (5)

- 1a—Demonstration III MTWThF, 6F (5)  
 —1, Lab. VI MTWThF, 302F  
 —2, Lab. VII MTWThF, 4F  
 2—1, III MTWThF, 202F (5)  
 —2, VI MTWThF, 11F (5)  
 3—1, III MTWThF, 226F (5)  
 —2, VII MTWThF, 202F (5)  
 4—1, II MTWThF, 227F (5)  
 —2, VI MTWThF, 227F (5)  
 20 VI MTWThF, 17F (5)  
 50 II TThS, 203F (3) Guinotte  
 53 VI MWF, 202F (3) Fermaud  
 63 VII MWF, 201F (3) Guinotte  
 70 IV MWF, 201F (3) Cleffton  
 75 III MWF, 109F (3) Fermaud  
 103 VI F, 203F (1) Barton  
 110 II MWF, 201F (3) Barton  
 115 IV MWF, 17F (3) Fermaud  
 118 IV TTh, 201F and 1 hr. ar. (3) Sirich  
 132 Ar (3) Cleffton  
 171 Ar (1) Brackney  
 201 Ar (2) Brackney  
 204 Ar (2) Brackney  
 207 Ar (2) Brackney  
 225 IX-X F, 203F (2) Desgranges

#### Italian

- 1 IV MTWF, 302F (4) Nissen  
 4 III MTWF, 302F (4) Nissen  
 69 II MWF, 302F (3) Nissen  
 159 II TTh and IV Th, 302F (3) Nissen

#### Portuguese

- 1 VII MTWThF, 302F (5) Luckey

#### Spanish

- 1—1, I MTWThF, 226F (5)  
 —2, IV MTWThF, 227F (5)  
 —3, VI MTWThF, 2F (5)  
 —4, VII MTWThF, 227F (5)  
 1a Demonstration II MTWThF, 8F (5)  
 —1, Lab. VI MTWThF, 4F  
 —2, Lab. VIII MTWThF, 205F  
 2—1, II MTWThF, 202F (5)  
 —2, VIII MTWThF, 202F (5)  
 3—1, II MTWThF, 206F (5)  
 —2, IV MTWThF, 202F (5)  
 —3, VI MTWThF, 153TSF (5)  
 4—1, II MTWThF, 226F (5)  
 —2, IV MTWThF, 153TSF (5)  
 —3, VI MTWThF, 253TSF (5)  
 20 III MTWThF, 201F (5)  
 53—1, II MWF, 205F (3) Floripe  
 —2, III MWF, 4F (3) Mills  
 60 III MWF, 205F (3) Floripe  
 65 VI MWF, 205F (3) Pattison  
 70 IV MWF, 203F (3) Cuneo  
 74 II MWF, 17F (3) Shuler  
 103 IV T, 205F (1) Pattison  
 110 IV MWF, 205F (3) Pattison  
 140 VIII MWF, 226F (3) Irving  
 143 VII MWF, 205F (3) Floripe  
 155 VII MWF, 226F (3) Grismer

- 247 Ar (2) Irving  
 250 VIII-IX W, 203F (2) Pattison  
 253 Ar (2)

## RUSSIAN

- 1 VII MTWThF, 102NH (5) Niemi  
 51 VI MWF, 101NH (3) Blinoff  
 56 VII MWF, 307F (3) Blinoff  
 61 VI TTh, 108F (2) Niemi  
 71 VIII MWF, 101NH (3) Niemi  
 101 V MWF, 108F (3) Niemi

## SCANDINAVIAN

- 1 VI MTWThF, 12F (5) Clausen  
 4 VII MWF, 12F (3)  
 7 II MTWThF, 12F (5) Lorenzen  
 10 III MWF, 12F (3) Lorenzen  
 51 Ar (2) Gustafson  
 171 IV MWF, 12F (3) Gustafson  
 191 Ar (3) Gustafson  
 218 Ar (Ar) Gustafson  
 221 Ar (Ar) Gustafson

## SOCIOLOGY AND SOCIAL WORK

## Sociology

- 1 Lect. II TThS, NHAud (5) Monachesi  
 —1, I WF, 216NH  
 —2, II MW, 207NH  
 —3, IV MW, 216NH  
 —4, VI MW, 216NH  
 —5, VII MW, 106NH  
 —6, III TTh, 106NH  
 1 III TThS, 102Hr (3)  
 2 Lect. I TThS, MNHAud (5) Caplow  
 —1, I WF, 159TSF  
 —2, II TTh, 207TSV  
 —3, IV MW, 257TSF  
 —4, VI TTh, 203TSV  
 14 IV TThS, 111NH (3) Nelson, Marshall  
 45 Lect. IV MWF, 106NH (5)  
 —1, VI-VII MW, 122NH  
 —2, VI-VII TTh, 122NH  
 49—1, I MWF, 211NH (3) Kyllonen  
 —2, II TThS, 211NH (3) Kyllonen  
 50 III TThS, 201WeH and 3 hrs. of observation  
 for Sequence D students (3 to 4)  
 53 III MWF, 106NH (3) Vold  
 91 II TThS, 213NH (3)  
 97 Ar (3)  
 101 IV MWF, 111NH (3) Vold  
 106 III MWF, 304E (3) Jones and others  
 120 I TThS, 211NH (3) Kirkpatrick  
 123 II TThS, 106NH (3) Kirkpatrick  
 141 IV TThS, 106NH (3) Kirkpatrick  
 160 I MWF, 106NH (3) Nelson  
 170 III MWF, 107NH (3)  
 180 III TThS, 111NH (3)  
 182 II TThS, 111NH (3) Chapin  
 184 Ar (2)  
 200 Ar (Ar) Vold  
 203 Ar (Ar)  
 206 Ar (Ar) Chapin

- 209 Ar (Ar)  
 215 Ar (Ar) Nelson  
 234 Ar (Ar) Monachesi  
 238 Ar (3) Monachesi

## Social Work

- 200 III TThS, 107NH (3) Doyle  
 205 Ar (Ar) Staff  
 209 Ar (Ar) Doyle  
 210 Ar MWF (Ar) Staff  
 215 Ar (Ar) Staff  
 219 IX-X Th, 103NH (Ar) Staff  
 220—1, III TThS, 103NH (3) Staff  
 —2, IV TThS, 103NH (3) Scott  
 226 IX-X Th, 102NH (Ar) Mueller  
 227 VII-VIII Th, 103NH (Ar) Shea  
 228 IX-X T, 103NH (Ar) Fenlason  
 229 VI-VII T, 103NH (Ar) Fenlason  
 230 II TThS, 103NH (3) Shea  
 235 II TThS (3) Hinckley  
 236 VI-VII T, 106NH (2)  
 251 III TThS, 101NH (3) Mueller  
 259 VI-VII Th, 101NH (Ar) Mueller  
 261 IV TThS, 101NH (3) Guilford  
 267 I TThS, 106NH (3) Guilford  
 269 IX-X F, 103NH (Ar) Kidneigh  
 276 I TThS, 101NH (3) Adelsheim  
 280 I TThS, 103NH (3) Kidneigh  
 282A IV TThS, 102NH (3) Konopka  
 286 VI-VII T, 101NH (2) Konopka  
 289 VI-VII Th (Ar) Konopka  
 293 Ar (Ar)  
 300 Ar (Ar) Staff

## SPEECH

- 1—1, I MWF, 311F (3) Gilkinson and others  
 —2, II MWF, 305F (3)  
 —3, III MWF, 103NH (3)  
 —4, IV MWF, 305F (3)  
 —5, VI MWF, 101F (3)  
 —6, VII MWF, 311½F (3)  
 —7, VIII MWF, 305F (3)  
 —8, I TThS, 311F (3)  
 —9, II TThS, 311F (3)  
 —10, III TThS, 306F (3)  
 —11, IV TThS, 305F (3)  
 2 III MWF, 305F (3) Gilkinson and others  
 3 II MWF, 311½F (3) Gilkinson  
 5—1, III MTWThF, 311F (5) Gilkinson and  
 others  
 —2, IV MTWThF, 322F (5)  
 —3, VI MTWThF, 311½F (5)  
 6—1, V MTWThF, 311F (5) Gilkinson and others  
 —2, VI MTWThF, 311F (5)  
 31 II MWF, 19ScH (3) Whiting  
 32 II TThS, 19ScH (3) Moulton  
 34 II T, I-II Th, 3rd fl. NH (3) Andrus  
 55 VII MWF, 305F (3) Gilkinson  
 61 VI MWF, 306F (3) Bryngelson  
 65 II MWF, 302MurH (3) Ziebarth  
 66 IV MWF, 302MurH (3)  
 67 I MWF, 306F (3) Irwin  
 71 IV MWF, 19ScH (3) Graham

- 78 II MWF, 3rd fl. NH (3) Graham  
 81—1, IV MWF, 308F (3) Thompson  
 —2, VI MWF, 308F (3) Bystrom  
 —3, IV MWF, 306F (3)  
 83 I TThS, 308F (3)  
 85 II TThS, 306F (3) Henrikson  
 97 Ar (1 to 3) Howell  
 101—1, III MWF, 306F (3) Howell  
 —2, VI MWF, 305F (3) Howell  
 106 VII MWF, 311F (3) Howell  
 111 III MWF, 19ScH (3) Whiting  
 115 III MWF, 3rd fl. NH (1 to 3) Thompson  
 122 II TThS, 308F (3) Gilkinson  
 141 VII MWF, 306F (3) Irwin  
 152 II MWF, 306F (3) Hedgecock  
 164 VIII WF, 306F and 1 hr. ar. (3) Bryngelson  
 171 VII T and VI-VII Th, 3rd fl. NH (3) Thompson  
 181 Ar (Ar) Staff  
 191 VIII M and VIII-IX W, 3rd fl. NH (3) Whiting  
 201 Ar (Ar) Staff  
 207 Ar (Ar) Howell  
 221 Ar (Ar)  
 231 Ar (Ar) Gilkinson  
 261 Ar (Ar) Henrikson  
 291 Ar (Ar) Staff

### ZOOLOGY

- 1—1, Lect. II TTh, 06Bo (3) Minnich  
 —2, Lect. IV WF, 06Bo (3) Wodsedalek  
 —3, Lect. VII TTh, 06Bo (3) Olson  
 —4, Lect. VIII MF, 06Bo (3) Minnich  
 —1, Lab. I-II MF, 101Z  
 —2, Lab. III-IV MF, 101Z  
 —3, Lab. V-VI MF, 101Z  
 —4, Lab. VII-VIII MF, 101Z  
 —5, IX-X MF, 107Z  
 —6, I-II TTh, 107Z  
 —7, III-IV TTh, 101Z  
 14—1, Lect. V TTh, 06Bo (3) Dawson  
 —2, Lect. VII TTh, NHAud (3) Dawson  
 —1, Lab. V-VI TTh, 101Z  
 —2, Lab. VII-VIII TTh, 101Z  
 —3, Lab. IX-X TTh, 101Z  
 21 Lect. III TThS, 313Z (5) Ringoen  
 —1, Lab. I-II TThS, 201Z  
 —2, Lab. VI-VIII TTh, 201Z  
 51 Lect. VI MWF, 06Bo (5) Wallace  
 —1, Lab. I-II MWF, 208Z  
 —2, Lab. III-IV MWF, 208Z  
 —3, Lab. VII-VIII MWF, 208Z  
 81 Lect. II WF, 211Z (3) Dawson  
 Lab. I-II TTh, 208Z  
 83 II MWF, 06Bo (3) Reed  
 100 Ar (Ar)  
 107 II-IV TTh, 211Z (6) Osterud  
 112 Lect. VI MF, 211Z (3) Steinbach  
 Lab. VI-IX W, 18Z  
 117 Lect. VI-VII TTh, 211Z (3) Eddy  
 Lab. VIII TTh, S-3Z  
 121 IX-X MWF, 211Z (3) Eddy  
 125 Lect. I TTh, 211Z (3) Mickel  
 Lab. I-III S, 402Z  
 128 Lect. VI WF, 15Ad (4) Richards  
 Lab. VII-IX WF  
 144 VII-IX TTh, 208Z (3) Burroughs  
 160 VI-VIII TTh, 204Z (3) Wodsedalek  
 170 VII-IX MW, 209Z (3) Reed  
 181 III MWF, 313Z (3) Ringoen  
 197 Ar (Ar)  
 201 Ar (Ar) Mickel  
 211 Ar (Ar) Eddy  
 217 Ar (Ar) Steinbach  
 221 Ar (Ar) Schmitt  
 229 Ar (Ar) Ringoen  
 233 Ar (Ar) Ringoen  
 237 Ar (Ar) Wodsedalek  
 241 Ar (Ar) Osterud  
 251 Ar (Ar) Reed  
 261 Ar (Ar) Wallace  
 291 Ar (Ar)  
 296 Ar (Ar)



# PART II: WINTER AND SPRING QUARTERS

## COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

### AGRICULTURAL BIOCHEMISTRY

- 1s II MTWThF (5) Mann  
2w VI-IX MWF (5) Bleidner  
3w I TThS (3) Mann  
5s I MWF (3) Siminovitch  
6s II MWF (3) Schultze  
52s Ar (3). Biochemistry and Microbiology of Cereal Grains (Jr., sr.; prereq. Elem. Org. Chem. 5 cred., and General Biology 9 cred. or equiv. Not open to students in Col. of Agr., For., and H.E.)  
103s Lect. VI MWF, Lab. VII-IX MWF (6)  
Lect. only (3) Jenness  
105s I MWF (3) Siminovitch  
106s II MWF (3) Schultze  
108s IV MWF (3) Geddes  
110s VI-IX MWF (3 to 5) Geddes, Bottomley  
116w III TThS (3) Schultze  
117s Ar (3) Schultze  
118w,s Ar (3 to 5)  
120w III MWF (3) Sandstrom  
121w II MWF (3) Smith  
122s II MWF (3) Briggs  
123s III MWF (3) Boyer  
130w VI-VIII TTh (2) Sandstrom  
131w VI-VIII MW (2) Smith  
132s VI-VIII MW (2) Briggs  
133s VI-VIII TTh (2) Boyer  
201w Ar (3) Briggs  
203w,s Ar (2 to 5)  
205w,s Ar (1 to 3)  
208w,s Ar (1) Geddes  
212w,s Ar (3) Schultze  
213w Ar (1) Jenness  
216w,s Ar (1) Schultze. Nutrition and Enzymes Seminar  
219w Ar (1) Briggs  
220w Ar (1) Sandstrom  
221w Ar (1) Smith  
222w Ar (1) Briggs  
224w,s Ar (1) Staff

### AGRICULTURAL ECONOMICS

- 1w Sections: I MWF Taylor; III MWF Lowe (3)  
2w Sections: I MTWThF Lowe, Day; III MTWThF Taylor, Day (5)  
2s Sections: I MTWThF Lowe; III MTWThF Day (5)  
3w,s II MTWThF (5) Lowe  
8s III TThS (3) Jesness  
25w Lect. II TThS, Lab. VIII-IX Th (4) Koller  
40s II MWF (3) Cox  
47s Lect. IV MWF, Lab. VIII-IX F (4) Koller  
80s I TThS (3) Engene  
102w II TThS (3) Pond  
103s II TThS (3) Pond  
104s III MWF (3) Pond

- 107s VIII-IX MWF (3) Engene  
126s I TThS (3) Waite  
131w III TThS (3) Waite  
135s III TThS (3) Waite  
141w II MWF (3) Jesness  
142s III MW (2) Cox  
143w III MWF (3) Dowell  
150s 2:30-4:00 TTh (3) Koller  
170w 1:30-3:00 WF (3) Dowell  
172s 1:15-2:30 WF (3) Dowell  
191w IV MWF (3) Waite  
206w 3:30-5:00 MW (3) Jesness  
226s Ar (3) Pond  
241s Ar (3) Dowell  
270 (Not offered)

### AGRICULTURAL ENGINEERING

- 3w VII-IX TTh (3) Christopherson  
3s III-IV MWF (3) Christopherson  
6s VI-IX TTh (4) Christopherson, Burman  
11w Sections: III MTWThF Flikke; IV MTWThF Hustrulid (5)  
12s II MWF (3) Schwantes  
14s Lect. VI-VII M, Lab. VI-VIII WF (4)  
Johnson, Torrance  
15w VI TTh (2) Hustrulid  
18s VI-VIII TTh (3) Torrance  
19s Sections: VI-IX T and VII-IX Th Larson; II-IV TTh and VI T Allred (3)  
20s Sections: VI-IX M and VII-IX F; II-IV MF and VI M (3) Larson  
21s V M and VI-IX MWF (5) Manson  
23w Lect. I MWF (5)  
Labs.: VI-IX T Flikke; VI-IX W Tyler  
25w Lect. I TThS (4) Hustrulid  
Labs.: VI-VII M; VI-VII F; IX-X M; VI-VII Th; IX-X Th  
31w II MWF (3) Manson  
32w Ar (2) Allred  
35s Lect. I MWF; III TThS (5) Hustrulid  
Labs.: I-II TTh; VI-VII MF; VI-VII TTh; VIII-IX MF; VIII-IX TTh  
37w,s II MWF (3) Tyler  
41w I-II MWF (3) Dent  
42s VI-VIII WF (3) Dent  
43s I-IV S and 2 hrs. ar. (3) Dent  
44 (Not offered)  
51w VI MTWThF (5) Manson  
53s Lect. II TS, Lab. III-IV TS (3) Otis  
72s Lect. III MF, Lab. VI-IX W (3) Hustrulid  
73w III MW and VI-VIII W (3) Strait  
102w Ar (2 to 6) Manson, Allred  
103s Ar (2 to 6) Manson, Allred  
105s Ar (3) Manson, Allred  
112w Ar (2 to 6) Otis, Christopherson  
113s Ar (2 to 6) Otis, Christopherson  
114s Ar (3) Otis, Christopherson  
122w Ar (2 to 6) Schwantes, Hustrulid, Strait  
123s Ar (2 to 6) Schwantes, Hustrulid, Strait

- 124s Ar (3) Schwantes  
 125s Ar (3) Hustrulid  
 126w III MW and 3 hrs. ar. (3) Schwantes  
 202w Ar (2 to 6) Manson, Allred  
 203s Ar (2 to 6) Manson, Allred  
 212w Ar (2 to 6) Otis, Christopherson  
 213s Ar (2 to 6) Otis, Christopherson  
 222w Ar (2 to 6) Schwantes, Hustrulid, Strait  
 223s Ar (2 to 6) Schwantes, Hustrulid, Strait

### AGRICULTURAL JOURNALISM

- 53w I TThS (3) Swanson  
 55s Ar (3) Swanson

### AGRONOMY AND PLANT GENETICS

- 1s IV MWF (3) Dunham  
 21w Lect. VI MWF, Lab. VII MWF (4)  
 Dunham  
 22s I-II MWF (3) Lambert  
 31w Lect. I TThS, Lab. ar. (4) Lambert  
 52w Lect. VIII MWF, Lab. III-IV MW (4)  
 Dunham, Lambert, Schmid, Caldwell.  
 Production and Grading of Cereal Crops  
 (Jr., sr.; prereq. General Biology 9 cred.  
 or equiv. Not open to students in Col.  
 of Agr., For., and H.E.)  
 121w Lect. VI MWF, Lab. VII MWF (4)  
 Dunham  
 122s I-II MWF (3) Lambert  
 131w Lect. I TThS, Lab. ar. (4) Lambert  
 132w VI-VIII TTh (4) Rinke  
 133s VI-VII MWF (4) Schmid  
 134s Ar (2) Staff  
 201w,s Ar (3 to 9) Dunham, Schmid  
 202w Ar (1½) Dunham, Schmid, Thomas  
 241w,s Ar (Ar) Burnham, Hayes, Rinke  
 242s VIII-IX F (1) Staff  
 246w VIII-IX F (2) Staff  
 247w Ar (3 or 5) Burnham  
 248w Ar (3) Thomas

### ANIMAL HUSBANDRY

- 1w,s II MTWThF (4) Harvey  
 5 See course 9  
 8w,s III-IV TThS (4) Ferrin  
 9s III-IV MWF (3) Harvey (formerly Course  
 5)  
 50w III ThS and III-IV T (3) Anderson  
 52s VI-VIII TTh (3) Anderson  
 57w III MWF (3) Ferrin  
 107s IV TTh and VI-VIII F (3) Anderson  
 112w IV MWF (3) Cummings  
 113s VI-VIII MW (3) Peters  
 114s III MWF and VI-VIII TTh (5) Green  
 201w Ar (3) Winters  
 202s Ar (3) Winters  
 203s Ar (3) Green  
 205s Ar (2) Winters  
 206w Ar (3) Ferrin  
 207w Ar (3) Ferrin  
 209w Ar (1) Peters

- 210s Ar (1) Peters  
 212w,s Ar (3 to 9) Anderson  
 213w,s Ar (3 to 9) Staff

### DAIRY HUSBANDRY

- 1s III MWF (3) Combs, Morris  
 2w Lect. VI MWF, Lab. VII-VIII MWF (5)  
 Lecture only (3) Olson  
 4s Ar (3) Combs  
 9s Sections: VI-VIII F Gilmore; VI-VIII T  
 Mix; VII-IX Th Mix (1)  
 10s Ar (1) Coulter  
 20s VI MF and VI-VII W (4) Olson  
 51s IV MW and VI-VIII Th (3) Olson  
 52s Ar (2) Mix. Dairy Herd Management (Jr.,  
 sr.; prereq. D.H. 101 and 103)  
 103w II TThS (3) Gullickson  
 105w Ar (1) Petersen  
 106w Ar (1) Petersen  
 110w IV TS and VI-VIII F (3) Combs, Thomas  
 112s IV TS and VI-VIII T (3) Combs, Thomas  
 113s I-III TTh (3) Coulter, Jezeski  
 114w I TTh and VI-VIII Th (3) Coulter, Morris  
 115s Ar (3) Jezeski  
 116s I MWF (3) Petersen  
 117s III TThS (3) Gilmore  
 203w Ar (Ar) Fitch, Petersen, Gullickson, Gilmore  
 204s Ar (Ar) Fitch, Petersen, Gullickson, Gilmore  
 206w Ar (Ar) Combs, Coulter  
 207s Ar (Ar) Combs, Coulter  
 213w Ar (Ar) Olson, Jezeski  
 214s Ar (Ar) Olson, Jezeski

### ENTOMOLOGY AND ECONOMIC ZOOLOGY

- 5w Lect. VI MWF, Lab. VII-VIII MWF (5)  
 Cutkomp  
 5s Lect. VIII MWF (5) Milliron  
 Labs: VI-VII MWF; IX-X MWF  
 21s VI-VIII MWF (3 or 5) Haydak  
 52w Lect. VIII MWF (5) Mickel  
 Labs: VI-VII MWF; IX-X MWF  
 56w VI-VIII MWF (5) Hodson  
 57 (Not offered)  
 64w III MTWThF (5) Marshall, Smith. Fish  
 and Wildlife Management (Jr., sr.; pre-  
 req. Zool. 1, 2, 3, or equiv., Bot. 50 or  
 For. 20)  
 114s Lect. I MW, Lab. 2 hrs. ar. (3) Haydak  
 118w VI-VIII TTh (3) Hodson  
 119s VI-VIII TTh (3) Eddy  
 120s VI-VIII TTh (3) Hodson  
 126w Lect. I TTh, Lab. I-III S (3) Mickel  
 127s Lect. I TTh, Lab. I-III S (3) Mickel  
 129w Lect. VI WF, Lab. VII-IX WF (4)  
 Richards  
 140 (Not offered)  
 142w I-II MWF (3) Christensen, Granovsky  
 145w VII-IX TTh (3) Wallace. Parasitic Proto-  
 zoa (prereq. 15 cred. in Zoology)  
 146s VII-IX TTh (3) Wallace. Helminthology  
 (prereq. 15 cred. in Zoology)

- 150s Ar (3) Granovsky  
 165w I MWF (3) Marshall  
 166s Lect. III TTh, Lab. I-III S (3) Marshall  
 167s Given at Cloquet (3)  
 169w Lect. VI MW, Lab. VII-VIII MW (3)  
     Smith (prereq. Bot. 176 and Ent. 64)  
 170s I MWF (3) Smith  
 176w III MWF (3) Aamodt  
 177s Lect. IV MWF, Lab. I-III WF (5) Cut-  
     komp  
 179 (Not offered)  
 197w,s Ar (1 or more) Staff  
 200w Ar (1)  
 201-204 Ar (1) Mickel  
 205-208 Ar (Ar) Granovsky  
 209-212 Ar (Ar) Granovsky  
 213-216 Ar (Ar) Hodson  
 217-220 Ar (Ar) Hodson  
 221-224 Ar (Ar) Cutkomp, Hodson, Granovsky  
 225-228 Ar (Ar) Richards  
 229-232 Ar (Ar) Richards  
 233-236 Ar (Ar) Marshall  
 237-240 Ar (Ar) Smith. Research in Fishery Bi-  
     ology  
 261-264 Ar (Ar) Burroughs  
 265-268 Ar (Ar) Cutkomp  
 269-272 Ar (Ar) Haydak

**FOOD TECHNOLOGY**

- 52w VI-VIII TTh (2) Jenness  
 102w II TThS (3)  
 104w IV MWF (3) Winter

**FORESTRY**

- 3w II MWF (3) Rees  
 4s Lect. II MWF, Lab. ar. (4) Rees  
 8w Lect. IV MW (3) Brown  
     Labs: VI-VIII M; VI-VIII W; II-IV S  
 9s Lect. IV MW (3) Brown  
     Labs: VI-VIII M; VI-VIII W; II-IV S  
 10s Lect. IV WF (3) Duncan, Hansen  
     Labs: VI-IX M; VI-IX T  
 20w II TThS (3) Allison  
 54w Sections: VI-VIII WF; VI-VIII TTh (3)  
     Rees  
 57w I MWF (3) Kaufert  
 101w Ar (3) Rees  
 111w VI-X T (3) Brown  
 112s VI-X Th (3) Brown  
 113w IX MWF (3) Hossfeld  
 115w I-II TThS (3) Rees  
 116s VI-VIII MW (3) Rees  
 119s Lect. IX T, Lab. VI-VIII TTh (4)  
 120s IV MWF (3) Larson  
 125s III TThS (3) Kaufert  
 128s Given at Cloquet (3) Schantz-Hansen. Intro-  
     duction to Silviculture  
 129s Given at Cloquet (3) Shantz-Hansen. Silvi-  
     culture Laboratory  
 131w I MWF (3) Allison  
 132s Given at Cloquet (3) Allison. Introduction  
     to Forest Management

- 133s Given at Cloquet (3) Allison. Forest Manage-  
     ment Laboratory  
 137w Lect. IV ThS, Lab. VI-VIII T (3) Hansen  
 140w III MTWThF (5) Allison  
 141w II TThS (3) Hansen  
 142s II MWF (3) Hossfeld  
 143w IV MWF (3)  
 144 (Not offered)  
 151s V MWF (3) Weinstein  
 152s I TThS (3) Rees  
 156w,s Ar (2) Staff  
 157w,s Ar (2) Staff  
 158w,s VIII-IX Th (1) Staff  
 159w,s VIII-IX Th (1) Staff  
 180s Given at Cloquet (1). Aerial Photography  
     in Forest Management  
 202w Ar (Ar) Hansen, Schantz-Hansen  
 204w Ar (Ar) Allison, Brown  
 206w Ar (Ar) Allison  
 208w Ar (Ar) Hossfeld, Rees, Kaufert  
 209s Ar (Ar) Hossfeld, Rees, Kaufert  
 214w Ar (Ar) Hossfeld, Rees, Kaufert  
 215s Ar (Ar) Hossfeld, Rees, Kaufert  
 219w Ar (Ar) Brown  
 224w VIII-IX Th (1) Staff  
 225s VIII-IX Th (1) Staff

**HOME ECONOMICS**

- 1w Sections: II MTWTh; III MTWTh (4)  
     Bayor  
 1s II MTWTh (4) Bayor  
 3w Sections: VI-VII MWF; VI-VIII TTh (3)  
 3s Sections: III-IV MWF; VI-VIII TTh (3)  
 4w Sections: II-III MWF; VI-VIII TTh (3)  
 4s VI-VII MWF (3)  
 6w,s Ar (3) Dunning  
 17w,s Sections: IV MWF; VII MWF (3) Stud-  
     ley  
 20w Sections: II MTWTh V. Goldstein; III  
     MTWTh Myren (4)  
 20s II MTWF (4) Myren  
 21w Sections: VI-VII MWF; VI-VIII TTh (3)  
     Myren  
 21s Sections: II-III MWF Rasmussen; VII-IX  
     TTh Myren (3)  
 22w Sections: II-III MWF Esteros; VI-VIII  
     TTh; II-III MWF Rasmussen (3)  
 22s VI-VIII TTh (3) Rasmussen  
 23w II-III TThS (3) Esteros  
 24s Sections: II-III MTWF Esteros; IV-V  
     MTWF Myren (5)  
 25s III-IV TThS (3)  
 27w Sections: II-III MWF; VII-VIII MWF (3)  
     Paulsen  
 27s VI-VIII TTh (3) Esteros  
 30s VI TTh (2) Biester

- 31w Sections: II MWF; III MWF (3) Gibler  
 31s III MWF (3) Gibler  
 34s II MTWTh (4) Nymon  
 35w II MWF and VI-VIII T (4) Nymon  
 40w,s Sections: III-IV MTWThF Nelson; VI-VII MTWThF Turnbull; VIII-IX MTWThF (5)  
 41w,s Sections: III-IV MTWF and V WF Trammell; III-IV TWThF and V TTh Turnbull; VII-VIII TWThF and IX TTh Trammell (5)  
 45w,s Lect. V TTh (6)  
 Labs: 8:00-11:00 TThS; 8:00-11:00 MWF (H.E. students only)  
 46w,s Lect. IV W (3) Dunning  
 Labs: IV-V MF; IV-V TTh (H.E. students only)  
 49w Sections: VII-VIII MWF; VI-VIII TTh (3) Fuller. Household Equipment (Soph.; prereq. Agr. Eng. 35 or permission of instructor)  
 49s Sections: III-IV TThS; VI-VIII TTh (3) Fuller  
 50w Sections: III-IV MWF Gorham; VI-VII MWF Bayor (3)  
 50s Sections: III-IV MWF Gorham; III-IV TThS Bayor (3)  
 53w,s VI-VII MWF (3) Gorham  
 54s V-VII TTh (3) Gorham  
 56Bs VI-VII MWF (3) Esteros  
 65s Lect. III ThS, Lab. III-IV T (3) Dunning  
 70w VI-VIII TTh (3) Turnbull  
 71s VI-VIII F (1) Turnbull  
 79s II MWF (3) Biester (H.E. students only)  
 85w,s VII MWF (3) Jeary  
 86w,s I S and ar. (4) Studley, Jeary  
 89w,s Ar (3) Fuller. Special Problems in Household Equipment (Jr., sr.; prereq. Agr. Eng. 35, H.E. 49)  
 107w VI-VIII MWF (3) Phelps  
 115s IX MWF (3)  
 120w,s VIII MWF (3) V. Goldstein  
 122s II-III TThS (3) V. Goldstein  
 125w IV-V MWF (3) Rasmussen  
 142w VI-VIII MW (3) Turnbull (H.E. students only)  
 142s VI-VIII TTh (3) Turnbull (H.E. students only)  
 146s VI-VIII MW (3) Turnbull (H.E. students only)  
 170w III MWF (3) Nymon  
 171w,s Lect. III MW and III F, Lab. ar. (3) Leichsenring  
 173s Lect. II TThS (4) Gibler  
 Labs: VI-VII F; VIII-IX F  
 176w Lect. IV MW, Lab. II-IV TTh (4) Biester  
 177s VI-VIII MW (3) Leichsenring, Nymon  
 178w,s Lect. V M (2) Gibler  
 Labs: VI-VIII T; VI-VIII Th  
 179w V WF (2) Gibler  
 179s IV MW (2) Nymon  
 180w IV-V MTWF (5) H. Goldstein  
 180s VI-VIII MW and VI-VII F (5) Paulsen  
 186s VII MWF (3) Studley  
 202 Ar (2) Phelps  
 204 Ar (2) Phelps  
 208 Ar (2 or 3) Phelps  
 209w,s Ar (1) Phelps  
 247 Ar (3) Noble  
 249 Ar (1 or 2) Noble  
 279w,s Ar (1) Biester  
 295w,s-296w,s Ar (1 to 5)  
 299w,s Ar (1)

## HORTICULTURE

- 1w III MWF (3) Alderman, Weir  
 10s III MWF (2 or 3) Phillips  
 14 (Not offered)  
 22s VI-VIII MW (3) Longley  
 25w VI-VIII MF (3) Phillips  
 32s II MWF (3) Krantz, Hutchins  
 40s VI-IX F (2) Weir  
 51 (Not offered)  
 56 (Not offered)  
 110w III TThS (3) Wilcox  
 121w II MWF (3) Brierley  
 138w Ar (3) Nylund  
 139 (Not offered)  
 153w VI-VIII T and VI-VII Th (3) Longley  
 176s VI-VIII T and VI-VII Th (3) Phillips  
 191w Ar (2 to 4) Staff  
 192s Ar (2 to 4) Staff  
 194w IX-X W (1) Staff  
 241w Ar (2) Alderman, Krantz  
 244w Ar (3) Alderman, Brierley, Krantz, Longley  
 247w,s Ar (9 or less) Staff  
 248w III MWF (3) Currence  
 249w,s Ar (Ar) Krantz, Currence, Hutchins, Wilcox

## ORIENTATION

- 1w,s Ar (1) McFarland

## PLANT PATHOLOGY AND AGRICULTURAL BOTANY

- 1s VII-IX MWF (5) Moore  
 3s Sections: III TTh, III-IV T, III-IV S; IV T, III ThS, IV S (3) Larson  
 9w II-III TThS (3) Larson  
 10w VII-IX MWF (5) C. Christensen  
 10s Sections: I MWF and I-II TThS; I MWF and III-IV TThS (5) C. Christensen  
 52s Ar (3). Biochemistry and Microbiology of Cereal Grains (Jr., sr.; prereq. Elem. Org. Chem. 5 cred., and General Biology 9 cred. or equiv. Not open to students in Col. of Agr., For., and H.E.)  
 53s II TThS (3) Larson  
 102w II MW and I-II F (3) Heggeness  
 104w II MW and II-III F (3) C. Christensen  
 106w VI-VIII TTh (3 to 5) Dosdall  
 107s VI-VIII TTh (3 to 5) Dosdall  
 111w VI-VII MWF (4) J. Christensen, Kernkamp  
 112s III-IV MWF (3) Eide, King  
 114w VI T and VI-VIII Th (3) C. Christensen

- 119s VI-VIII TTh (3) Moore, King
- 120w,s VII-IX MWF (3) C. Christensen, Moore
- 142w I-II MWF (3) J. Christensen
- 162w Ar (3) Landon
- 163s Ar (3) Landon
- 204w Ar (Ar) Stakman and Staff
- 205s Ar (Ar) Stakman and Staff
- 208w Ar (Ar) Stakman, C. Christensen, Dossall
- 209s Ar (Ar) Stakman, C. Christensen, Dossall
- 211w Ar (Ar) Stakman
- 213w,s Ar (Ar) Stakman
- 217 (Not offered)
- 218w III-IV MWF (5) Stakman
- 250s Ar (Ar) Landon
- 252w Ar (Ar) Landon
- 253s Ar (Ar) Landon
- 255w Ar (Ar) Landon
- 256s Ar (Ar) Landon
- 259w Ar (Ar) Heggeness
- 261w Ar (Ar) Larson
- 262s Ar (Ar) Larson

**POULTRY HUSBANDRY**

- 1w IV MTWF (4) Canfield
- 1s II MTWF (4) Canfield
- 51s VII-VIII TTh (3) Canfield
- 102w Lect. I MWF, Lab. 2 hrs. ar. (4) Shoffner
- 153w II MWF (3) Briggs
- 214w,s Ar (3 to 9) Sloan, Canfield
- 215w,s Ar (3 to 9) Briggs
- 216w,s Ar (3 to 9) Shoffner

**RHETORIC**

- 1w,s Sections: I MWF; I TThS (3)
- 2w,s Sections: I MWF; I TThS (3)
- 3w,s Sections: I MWF; I TThS (3)
- 22w Sections: II MWF Laird; III MWF Drake; IV MWF Sandquist; VII MWF Sandquist; II TThS Woods; III TThS Laird; IV TThS Laird (3)
- 22s Sections: II MWF Drake; III MWF Laird; IV MWF Laird; VII MWF Laird; II TThS Woods; III TThS Hagen; IV TThS Woods (3)
- 26w III MWF (3) Woods
- 28w III TThS (3) Drake
- 31s III MTWThF (5) Thurston
- 32w,s II TThS (3) Humphrey
- 33w,s II MWF (3) Seidenkranz
- 34s IV F (1) Humphrey
- 51w Sections: IV MWF Thurston; III TThS Humphrey; IV TThS Seidenkranz (3)
- 51s Sections: II MWF Thurston; IV MWF Thurston; III TThS Humphrey (3)
- 54w IV TThS (3) Drake
- 54s Sections: II MWF Laird; II TThS Drake (3)
- 59s III TThS (3) Drake
- 60w,s IV MWF (3) Woods

**SOILS**

- 4w II MWF (3) Caldwell
- 5s II TThS (3) Rost
- 52w Lect. VIII MWF, Lab. III-IV MW (4). Production and Grading of Cereal Crops (Jr., sr.; prereq. General Biology 9 cred. or equiv. Not open to students in Col. of Agr., For., and H.E.)
- 104s Ar (3) McMiller
- 107w I TThS (3) MacGregor
- 108w Lect. VI T (3) McMiller  
Labs: VII-IX T; VII-IX Th
- 109s IV MWF (3) McMiller
- 202w,s Ar (2 to 5) Staff
- 203w,s Ar (1)
- 205w Ar (3) Caldwell
- 206w Ar (3) Caldwell
- 207w II MWF (3) Caldwell
- 208s II TThS (3) Rost

**VETERINARY MEDICINE**

- 51w I TThS (3)
- 52s I TThS (3)
- 102w VI-IX TWTh (4) Kitchell and staff. Animal Anatomy (open only to Vet. Med. students and grad. students with special permission)
- 103s I-III M and VI-VIII TTh (3) Kitchell and staff. Animal Anatomy (open only to Vet. Med. students and grad. students with special permission)
- 104w,s Ar (Ar) Kernkamp. Special Studies in Animal Anatomy (registration for more than one quarter permitted; prereq. 101)
- 106w Ar (3)
- 108w Ar (3)
- 109w VI MWF (3) Pomeroy, Fenstermacher
- 112w I-IV and VI-IX F (4) Kitchell and staff. Animal Histology and Embryology (open only to Vet. Med. students and grad. students with special permission)
- 113s I-IV TTh (3) Kitchell and staff. Animal Histology and Embryology (open only to Vet. Med. students and graduate students with special permission)
- 114w,s Ar (1 to 3) Kerukamp. Special Studies in Animal Histology and Embryology (registration for more than one quarter permitted; prereq. 111 or equiv.)
- 201w,s Ar (Ar) Staff
- 205w,s Ar (Ar) Staff
- 209w,s Ar (Ar) Staff
- 213w,s Ar (Ar) Boyd
- 217w s Ar (1) Staff
- 230w,s Ar (Ar) Staff

## SCHOOL OF BUSINESS ADMINISTRATION

## ECONOMICS

- 2w Lect. III TTh (5) Heaton and others  
Sections: I TThS; II MWF; III MWF; IV MWF; IV TThS; V MWF; VI MWF; VII MWF; VIII MWF; IX MWF
- 3s Lect. III TTh (5) Stehman and others  
Sections: I TThS; II MWF; II TThS; III MWF; IV MWF; IV TThS; V MWF; VI MWF; VII MWF; VIII MWF
- 5w Lect. II F (5) Kozelka and others  
Sections: II MTWTh; IV MTWTh; VI MTWTh; VIII MTWTh
- 5s Lect. II T (5) Kozelka and others  
Sections: I MWThF; II MWThF; III MWThF; IV MWThF; V MWThF; VI MWThF; VII MWThF; VIII MWThF; IX MWThF
- 6w-7s Lect. VII TTh (5)  
Sections: I MWF; I TThS; II MWF; III MWF; III TThS (winter only); IV MWF; IV TThS; V MWF; VI MWF; VII MWF; VIII MWF
- 6s I MTWThF (5)
- 7w Lect. I TTh (5) Upgren and others  
Sections: I MWF; II MWF; II TThS; III MWF; III TThS; IV MWF; IV TThS; V MWF; VI MWF; VII MWF; VIII MWF
- 8w-9s Sections: II MWF; III MWF (winter only); IV MWF; VI MWF (3) Filipetti and others
- 9w Sections: I TThS; II MWF; IV TThS; VI MWF; VII MWF (3) Filipetti and others
- 22w-23s Lect. VI T (4) Heilman and others  
Sections: I MWF; II MWF; II TThS; III MWF; III TThS; IV MWF; VI MWF; VII MWF; VIII MWF
- 23w Lect. II T (4) Heilman and others  
Sections: I MWF; I TThS; II MWF; III MWF; IV MWF; IV TThS; V MWF; VI MWF; VII MWF; VIII MWF
- 27s Sections: II MTWThF; VIII MTWThF (5)
- 28w.s I MWF (3) Palmer
- 30w Sections: I MWF; II MWF (3)
- 32w Sections: I MTWThF; IV MTWThF; VII MTWThF (1)
- 32s Sections: III MTWThF; VI MTWThF (1)
- 33w.s Sections: IV MTWThF; VII MTWThF (1)
- 34w VII MTThF and VIII T (2)
- 34s IV MTThF and V T (2)
- 35w IV MWF (3) Peterson
- 37w-38s II MTWThF (3) Donaldson and others
- 38w-39s Sections: II MTWThF; III MTWThF (3) Donaldson and others
- 41w III MTWThF (3) Donaldson and others
- 42s I MWF and VII-VIII Th (3) Donaldson and others
- 50w.s Sections: IV TThS; VIII MWF (3)
- 62 (Not offered)
- 63 (Not offered)
- 80w-81s Sections: II MWF; III MWF; VII MWF (3) Papandreou and others
- 81w Sections: I MWF; II TThS; IV TThS; VI MWF; VIII MWF (3) Papandreou and others
- 84s III TThS (3) Garver
- 98w-99s Ar (Ar)
- 104w VII MWF (3) Garver
- 105s VII MWF (3) Garver
- 106 (Not offered)
- 110s IV MWF (3) Garver
- 122w-123s I MWF (3) Mudgett
- 124 (Not offered)
- 126s II MWF (3) Myers
- 127w IV MWF (3) Myers
- 140w VI MWF (3) Canoyer
- 142w Sections: III TThS; IV MWF; VI MWF (3) Myers, Upgren, and others
- 142s Sections: II TThS; IV MWF; IV TThS (3) Myers, Upgren, and others
- 149w III MWF (3) Myers
- 149s III TThS (3) Upgren
- 155w Sections: II MWF; III TThS; VII MWF (3) Stehman, Borak, and others
- 155s Sections: II MWF; IV TThS; VI MWF (3) Stehman, Borak, and others
- 161w Lect. III TTh (3) Yoder and others  
Sections: I M; II S; IV F; VII Th; VIII T
- 161s Lect. I MW (3) Yoder and others  
Sections: I Th; II M; IV T; VII Th; VIII T
- 162w Sections: I MWF; VII MWF (3) Yoder and others
- 162s VI MWF (3) Yoder and others
- 164s Sections: I TThS; VIII MWF (3) Yoder and others
- 175w Sections: I MWF; IV MWF; VII MWF (3) Papandreou and others
- 175s Sections: I MWF; II TThS; III MWF (3) Papandreou and others
- 176s II MWF (3) Upgren
- 178w II MWF (3) Canoyer
- 179s VI MWF (3) Vaile
- 185w VII MWF (3) Vaile
- 186w II MWF (3) Upgren
- 190 (Not offered)
- 192w III MWF (3) Heller
- 193s III MWF (3) Borak
- 195s IV TThS (3) Heller
- 204w VIII $\frac{1}{2}$ -IX TTh (3) Garver
- 206s VIII $\frac{1}{2}$ -IX TTh (3) Vaile
- 207 (Not offered)
- 208 (Not offered)
- 209 (Not offered)
- 234w VII-VIII $\frac{1}{2}$  WF (3) Heller
- 243w-244s VIII $\frac{1}{2}$ -IX MW (3) Upgren
- 251s VII-VIII $\frac{1}{2}$  MW (3) Yoder
- 257 (Not offered)

258w VII-VIII½ TTh (3) Ostlund  
281s VII-VIII½ TTh (3) Filipetti

### BUSINESS ADMINISTRATION

51w Lect. VI T (3) Neville and others  
Sections: I ThS; II ThS; III ThS  
52w-53s Lect. IV Th (3) Neville and others  
Sections: I TS; II TS; III TS; VI TTh;  
VII TTh  
56s I TThS (3) Neville  
57s II TThS (3)  
58w Sections: II TThS; IV MWF; VI MWF (3)  
Heller, Borak  
58s Sections: III TThS; IV MWF; VII MWF  
(3) Heller, Borak  
60w IV MWF (3) Graves  
61s III TThS (3) Graves  
67s II MWF (3) Canoyer  
68w VI MWF (3) Lewis  
68s III MWF (3) Lewis  
69w VIII MWF (3) Canoyer  
69s IV MWF (3) Canoyer  
70w II TThS (3)  
70s I TThS (3)  
71w II MWF (3) Nightingale  
71s Sections: IV MWF; VIII MWF (3) Night-  
ingale  
72w I MWF (3) Nightingale  
72s II MWF (3) Nightingale  
76s III TThS (3) Belcher  
77w Lect. III M (3) Vaile and others  
Sections: I WF; II TTh; III ThS; IV WF;  
V WF; VI TTh; VII TTh; VIII TTh  
77s Lect. III M (3) Vaile and others  
Sections: I ThS; II WF; III TTh; IV WF;  
V WF; VI TTh; VII TTh; VIII WF  
86s III MWF (3) Donaldson  
88w Sections: II MWF; VIII MWF (3) Vaile,  
Lewis  
88s VII MWF (3) Vaile, Lewis  
89w Sections: II TThS; III MWF; VIII MWF  
(3) Filipetti and others  
89s Sections: I MWF; I TThS; II MWF;  
VII MWF (3) Filipetti and others  
90s III-IV W (1) Boehmler  
91w,s Lect. VI T (1) Boehmler  
Sections: V Th; VI Th; VII W.  
93w,s Sections: VII-VIII M; VII-VIII T; VIII-  
IX F (1) Boehmler  
94w Sections: V-VI T; VII-VIII Th (1) Ander-  
son  
94s Sections: V-VI T; VII-VIII M; V-VI Th  
(1) Anderson  
96s VII-VIII Th (1)  
98w-99s Ar (Ar)  
109s II TThS (3) Reighard  
112w Sections: I TThS; III MWF; IV MWF;  
VI MWF (3) Mudgett, Gaumnitz, and  
others

112s Sections: II TThS; III MWF; IV MWF;  
VIII MWF (3) Mudgett, Gaumnitz, and  
others  
118w,s Lect. IV M (3) Lund and others  
Sections: VI-VII TTh; VIII-IX TTh  
119 (Not offered)  
120 (Not offered)  
130w Sections: II MWF; IV TThS (3) Wheeler,  
Anderson  
130s Sections: I MWF; I TThS (3) Wheeler,  
Anderson  
133s Sections: II TThS; VI MWF (3) Ostlund  
134w,s Sections: I MWF; IV MWF (spring only)  
(3) Nelson  
135s II MWF (3) Reighard  
136s III TThS (3) Reighard  
139w Sections: IV MWF; IV TThS (3)  
139s Sections: II TThS (3)  
145s IV MWF (3) Myers  
146w II MWF (3) Stehman  
147 (Not offered)  
148s III MWF (3)  
150w Sections: III MWF; IV TThS; VI MWF  
(3)  
150s II MWF (3)  
151s Sections: III MWF; IV TThS (3)  
152w-153s Sections: II TThS; VII MWF (3)  
Wheeler  
153w Sections: I TThS; IV MWF; VIII MWF  
(3) Ostlund, Wheeler  
157s VIII-X½ TF (4) Nelson  
158s III MWF (3)  
165 (Not offered)  
167w Sections: I TThS; VII MWF (3) Yoder  
and others  
167s Sections: III TThS; VI MWF (3) Yoder  
and others  
170w Lect. II T (3) Immer  
Sections: II-III Th; I-II F; III-IV S  
171s Lect. III M (3) Immer  
Sections: III-IV W; III-IV Th; III-IV F  
177s I MWF (3) Lewis  
181Aw I TThS (3) Reighard  
181Bw-182Bs VII MWF (3) Stehman  
181Cw-182Cs VI-VII½ TTh (3) Vaile, Lewis,  
Canoyer  
181Dw-182Ds Sections: VII½-VIII TTh; VIII-  
IX½ MW (winter only) (3) Yoder  
181Ew IV MWF (3) Donaldson  
182Es VII-VIII T, VI Th (3) Donaldson  
181Fw-182Fs VI½-VII TTh (3) Mudgett  
181Gw-182Gs Sections: VIII MWF; III MWF  
(winter only) (3) Filipetti  
182Hs IV MWF (3) Graves  
181Iw-182Is VII-VIII½ TTh (3) Nightingale  
184s VII MWF (3) Filipetti  
194s IV MWF (3) Longstaff

## SCHOOL OF CHEMISTRY

### Institute of Technology

#### INORGANIC CHEMISTRY

- 1w-2s (Agr., Engr., and SLA students) Lect. II TThS (4) Nebergall, Quiz VII Th, Lab. I-III M
- 2w (Premed., Predent., Med. Tech., and Phys. Ed. students) Lect. VI MWF (4) Pervier, Quiz VI T, Lab. VII-IX W  
(SLA students) Lect. VIII MWF (4) Lindeke, Quiz VII T, Lab. VII-IX Th; Lect. IX MWF (4) Pray, Quiz IX T, Lab. VI-VIII M
- 5w (Premed. and Med. Tech. students) Lect. VII MWF (4) Maynard, Quiz VII T, Lab. V-VII Th  
(Preident., Nurs. Ed., and PHN students) Lect. VII MWF (4) Brasted, Quiz VII Th, Lab. VIII-X W
- 6w-7s (IT Chemistry and SLA Chemistry majors) Lect. II TThS (5) Johnson, Quiz VIII Th, Lab. I-II M and I-III W
- 7w (IT Chemistry, Pharmacy, and SLA students) Lect. II MWF (5) O'Brien, Quiz I Th, Lab. I-III T and II-III Th
- 10w (IT Chemistry, Pharmacy, and SLA chemistry majors) Lect. II MWF (5) Sneed, Quiz I Th, Lab. I-III T and II-III Th
- 11w Lect. VIII MWF (4) Pray, Lab. VI-IX T
- 11s (Premed., Preident., Med. Tech., and Phys. Ed. students) Lect. VI MWF (4) Pervier, Lab. VII-X W  
(SLA students) Lect. VIII MWF (4) Lindeke, Lab. VII-X Th; Lect. IX MWF (4) Pray, Lab. VII-X T  
(Premed. and Med. Tech. students) Lect. VII MWF (4) Maynard, Lab. V-VIII Th  
(Preident., Nurs. Ed., and PHN students) Lect. VII MWF (4) Brasted, Lab. V-VIII T
- 12w (IT Chemistry, Engr., and SLA students) Lect. III MWF (5) Maynard, Lab. II-IV TTh
- 12s (IT Chemistry, Pharmacy, and SLA chemistry majors) Lect. II MWF (5) Sneed, O'Brien, Lab. I-III TTh
- 102s Ar (3) Barber
- 105s III MWF (3) Maynard
- 106w-107s VII MWF (3) O'Brien
- 108s Ar (3) Pray
- 109w-110s Ar (3 to 5) Heisig
- 112w III MWF (3) Brasted

#### ANALYTICAL CHEMISTRY

- 1w-2s Lect. VI M (5) Meehan, Quiz VI F; Rec. VI W, Lab. VII-IX MWF; Rec. VI W, Lab. I-III TThS; Rec. VI Th, Lab. VII-IX TTh and any 3 hrs. selected from I-IV S

- 7s Lect. VI T (4) O'Connor, Rec. I S, Quiz VI Th, Lab. VII-IX TTh and II-IV S
- 9w Lect. VI Th, Rec. VI T, Lab. VII-IX TTh (3) O'Connor
- 97w-98s Ar (5) Kolthoff, Sandell, Meehan
- 101w-102s VI-IX MWF (5) Meehan
- 103s Ar (3) Sandell
- 105w VI F (3) Sandell
- 107w-108s Ar (2 or 3) Sandell
- 109w,s Ar (3) Peck
- 127s Ar (2 to 3) Meehan
- 132w Lect. VI MW (3) Kolthoff, Lab. ar.
- 133s Ar (2) Kolthoff
- 134w,s Ar (2) Kolthoff
- 136w-137s IV T (1) Kolthoff
- 138s Ar (3) Kolthoff
- 140w Ar (2) Sandell
- 202w-203s Ar (3) Kolthoff
- 302w-303s Ar (Ar) Kolthoff, Sandell, Meehan

#### ORGANIC CHEMISTRY

- 61w-62s Lect. IV MWF (4) Koelsch, Lab. conf. IV Th, Quiz IV T, Labs: VI-IX W; VI-IX Th; I-IV Th; I-IV S; VI-IX F  
Lect. IV TThS (4) Dodson, Lab. conf. IV M, Quiz IV W, Labs: VI-IX M; VI-IX T; VI-IX W; VI-IX Th; VI-IX F
- 62w (Chem., Chem. Engr., Premed., Preident., and Pharmacy students)  
Lect. I MWF (4) Dodson, Lab. conf. II T, Quiz I T, Labs: VI-IX T; VI-IX W; I-IV Th; I-IV S  
Lect. III MWF (4) Arnold, Lab. conf. III S, Quiz III Th, Labs: VI-IX M; II-V T; VI-IX T; VI-IX Th
- 63s Lect. III MWF (3) Parham, Quiz III Th
- 64s Lab. conf. III S (3) Parham, Labs: II-IV and VI-VIII T; VI-VIII TTh
- 97w-98s Ar (5)
- 101w III MWF (3) Lauer
- 106w-107s IV MWF (3) Smith
- 116w Ar (3) Parham
- 130s Lect. 1 hr. ar. (3) Lauer, Lab. 6 hrs. ar.
- 139w,s Ar (2 to 5) Arnold
- 140 (Not offered)
- 142-143 (Not offered)
- 202w-203s 1 hr. per week ar. (1)
- 206w Ar (3) Lauer
- 212s Ar (4) Dodson
- 302w-303s Ar (Ar)

#### PHYSICAL CHEMISTRY

- 102w-103s Lect. IV MWF (3) MacDougall, Livingston, Lipscomb, Rec. IV S



105w-106s	Lect. VI M (1 or 2) Livingston, Lipscomb, Lab. VII-VIII M and VI-VIII W	114	(Not offered)
	Lect. VI Th (1 or 2) Livingston, Lipscomb, Lab. VI-VIII T and VII-VIII Th	117w	II TThS (3) Livingston
	Lect. VI Th (1 or 2) Livingston, Lipscomb, Lab. VI-VIII F and II-III S	118s	II TThS (3) Lipscomb
	Lect. VI M (1 or 2) Livingston, Lipscomb, Lab. III-IV T and II-IV Th	120w-121s	Ar (3) Crawford
	Lect. VI M (1 or 2) Livingston, Lipscomb, Lab. I-III M and II-III W	122	(Not offered)
108w	Lect. IV MW (3) Crawford, Lipscomb, Rec. IV F, Lab. II-IV T	123w-124s	Ar (3) Lipscomb
113	(Not offered)	129w	IV MWF (3) Reyerson
		130s	IV MWF (3) Reyerson
		131	(Not offered)
		133w-134s	Ar (Ar) Reyerson
		162w	III MWF (3) O'Connor
		175s	I TThS (3) Livingston

INSTITUTE OF CHILD WELFARE

10s	V TTh (2) Cummings	160s	I MWF (3) Burklund
40w	Sections: V MW Peterson; VI TTh Fuller (3)	185s	VI MWF (3) Templin
40s	VI TTh (3) Fuller	221w-222s	Ar (1) Roff
80w,s	IV MWF (3) Roff (w), Hanson (s)	225s	Ar (2) Anderson
131w	II MWF (3) Harris	226w	Ar (2) Harris
132s	II MWF (3) Harris	227s	Ar (2) Roff
134w-135s	VII-VIII TTh (2, 4 or 6) Anderson	231w-232s	IX M (1) Anderson
140w	VIII-IX Th (2) Blodgett	241w-242s	Ar (Ar) Harris, Blodgett
141w	III-IV S (2) Blodgett	250w,s	Ar (Ar) Fuller
141s	VIII-IX Th (2) Blodgett	271w-272s	Ar (Ar) Anderson and others
142s	II TTh (2) Blodgett	274w-275s	Ar (Ar) Cummings
151w-152s	VIII TTh (2, 4 or 6) Fuller	290w-291s	Ar (4) Blodgett

COLLEGE OF EDUCATION

AGRICULTURAL EDUCATION

1w	VI M (1) Peterson
1s	Ar (1) Peterson
54w	IV T and 1 hr. ar. (2)
56	(Not offered)
81w,s	IV MWF (3)
82s	I MWF (3)
91w,s	Ar (6) Peterson
101w	II MWF (3) Peterson
103w	III MWF (3) Peterson
104w,s	III TTh (2)
121	(Not offered)
154w	IV T and 1 hr. ar. (2)
199	(Not offered)
221w,s	Ar (3) Peterson
232w,s	Ar (3 to 9) Peterson
286w,s	Ar (Ar) Peterson
291w,s	Ar (Ar) Peterson

ART EDUCATION

14s	VI MWF (2) Gayne
18w	Sections: I-II MWF Page; VII-VIII MWF Gayne (3)

19s	Sections: I-II MWF Page; VII-VIII MWF Gayne (3)
57Aw	III-IV TTh (2) Wiggin
57Bw	III-IV MWF (3) Page
58As	III-IV TTh (2) Wiggin
58Bs	III-IV MWF (3) Page
81Bw	I-II TTh (2) Hulse
84w	VI MWF (3) Gayne
85	(Not offered)
87w	VIII-IX T (4) Wiggin
88s	VIII-IX T (4) Wiggin
152w	I-IV S (3) Lien
153s	I-IV S (3) Lien
156w	IX-XI M (3) Lien
157s	IX-XI M (3) Lien
184	(Not offered)
189	(Not offered)
295w,s	VIII Th (Ar) Gayne and staff
296w,s	IX Th (0) Gayne and staff

CURRICULUM AND INSTRUCTION

61s	VI MWF (3) Wesley
63w	VI TTh (2) Smith
64w	VI MWF (3) Smith

65s VI TTh (2) Schrupp  
 105w VII MWF (3) Wendt  
 105s III-IV S (3) Wendt  
 106w III-IV S (3) Wendt  
 107w IX-X W and 1 hr. ar. (3) Tyler  
 107s III MWF (3) Tyler  
 113w I-II S (3) Bossing  
 114s I TThS (3) Starr  
 117s I-II S (3) Archer  
 119w III-IV S and 1 hr. ar. (3) Cook  
 121w 3:00-4:30 TTh (3) Baker  
 122s I-II S (2) Smith  
 125w,s Ar (1) Dugan  
 129s VIII-IX M (3) Pearce, Griffiths  
 130w,s VIII-IX W (2) Fuller  
 133w III-IV S (3) Price  
 134s III-IV S (3) Price  
 135s III-IV S (2 or 3) Dugan  
 136w IX-X W (3) Meyer  
 139s IX-X W (3) Meyer  
 144w I-II S and 1 hr. ar. (3) Bond  
 145s I-II S and 1 hr. ar. (3) Bond  
 149w III-IV S (2) Brueckner  
 151w III MWF (3) Brueckner  
 153w I-II S and 1 hr. ar. (3) Archer  
 157w,s Ar (3) Brueckner  
 168w III-IV S (2) Wesley  
 169w III TTh (2) Bossing  
 170Bs I-II S and 1 hr. ar. (3) Bossing  
 171w,s Ar (2 to 6) Bossing, Cook, Archer  
 173As III-IV S (3) Cook  
 173Bs III-IV S and 1 hr. ar. (2) Bossing  
 175w VIII W and ar. (3) Bryngelson  
 176s VIII W and ar. (3) Bryngelson  
 181w IX-X M and 1 hr. ar. (3) Brueckner  
 191s I-II S (2) D. Johnson  
 199Ew,s Ar (Ar) Grim  
 201w,s IX-X T (3) Wesley  
 205w,s Ar (Ar) Wendt  
 207w,s Ar (1 to 3) Tyler  
 215w,s Ar (Ar) Grout  
 216w,s Ar (Ar) Grout  
 217w,s Ar (Ar) Grout  
 222w,s IX-X W (Ar) Bossing and others  
 225w,s Ar (Ar) Boardman  
 226w,s IX-X Th (Ar) Bond and others  
 227w,s Ar (Ar) Archer  
 228w,s Ar (Ar) Peik, Cooper, Anderson, Eckert  
 238w,s IX T (3, 6, or 9) Meyer  
 239w,s IX F (Ar) Price  
 251 (Not offered)  
 252w I-II S and 1 hr. ar. (3) Eckert  
 261w,s Ar (3) Brueckner  
 263s III-IV S (3) Brueckner  
 266s IV MWF (3) Boardman  
 271w,s Ar (2 or 3) Bossing, Cook  
 273w,s Ar (2 to 9) Archer  
 284w,s Ar (Ar) Grim  
 293s IX-X F an 1 hr. ar. (3) P. Johnson  
 296w,s Ar (Ar) Smith

### EDUCATION

55Aw Lect. I TThS (5)  
 Sections: II-III TTh; VI-VII TTh; II-III MW

55Bw Lect. I MWF (5)  
 Sections: II-III TTh; II-III TTh; II-III MW; III-IV TTh; III-IV TTh; III-IV MW; VI-VII TTh; VI-VII MW  
 55Bs Lect. I TThS (5)  
 Sections: VI-VII TTh; III-IV TTh  
 71Bw Lect. III MWF (5) Bond  
 Sections: I-II TTh; III-IV TTh  
 71Cs Lect. III MWF (5) Brueckner  
 Sections: I-II TTh; III-IV TTh  
 81w II MWF (3) Grout  
 81s III MWF (3) Grout

### EDUCATIONAL ADMINISTRATION

115w I-II S and 1 hr. ar. (3)  
 218w,s IX-X W (Ar) Boardman, Bossing  
 226s I MW and 1 hr. ar. (3) Neale  
 227w I MWF (3) Domian  
 228w,s Ar (1 or 3) Neale  
 235w,s Ar (Ar) Neale  
 250w I-II S (Ar) Neale  
 264w III MWF (3) Boardman  
 265s III MWF (3) Boardman  
 270w,s Ar (Ar) Boardman, Bossing  
 274w IV MWF (3) Boardman  
 290w III MWF (3) Neale  
 291s III MW and 1 hr. ar. (3) Neale

### EDUCATIONAL PSYCHOLOGY

60s II MWF (3) Van Wageningen  
 114w IX-X W (2) Van Wageningen  
 115s IX-X W (2) Van Wageningen  
 120w,s VII MWF (3) Cook  
 140w VII-VIII TTh (3) Cook  
 141w VII MWF (3)  
 142w IX-X T (3) Delp  
 143s IX-X T (2) Delp  
 150w,s Ar (2 to 6) Bond, Delp  
 158s III MWF (3) Edwards  
 159s III MWF (3) Wrenn  
 184s I-II S (2) Delp  
 208w VIII MW and 1 hr. ar. (2 or 3) P. Johnson  
 217w II MWF (3) P. Johnson  
 217aw Ar (2)  
 218s II MWF (3) P. Johnson  
 218as Ar (2)  
 220w IX-X T (2) Van Wageningen  
 221s IX-X T (2) Van Wageningen  
 225w IV MWF (3) Wrenn  
 226s IV MWF (3) Wrenn  
 233w,s Ar (Ar) Edwards and others  
 240w,s Ar (Ar) P. Johnson  
 243w,s Ar (Ar) P. Johnson  
 251w,s VI-VII W (1 to 3) Wrenn  
 253w,s Ar (Ar) Bond and others  
 254s III-IV S and 1 hr. ar. (3) P. Johnson  
 260 Ar (0) Staff  
 281w,s Ar (2 to 3) Edwards and others  
 282s Ar (3) Dugan  
 291w III MWF (3)  
 292s III MWF (3)  
 293w III MWF (3) Anderson  
 294s III MWF (3) Anderson

## HISTORY AND PHILOSOPHY OF EDUCATION

- 71w,s IV MTWThF (5) Alexander  
 102w VI MWF (3) Alexander  
 110w I-II S (3) Cary  
 110s IX-X T (3) Cary  
 131w IX-X W (3) Beck  
 155s VI MWF (3) Alexander  
 178w IX-X T and 1 hr. ar. (3) Cary  
 180w Sections: VII TTh and VIII T (3) Beck;  
 VIII MWF (3) Cary; III MWF (3)  
 Beck (w) Cary (s)  
 182 IX-X W (3) Beck  
 241w,s Ar (Ar) Wesley and others  
 242s IX-X M (3) Cary, Beck

## HOME ECONOMICS EDUCATION

- 90s IV MWF (3) Fuller  
 91w,s VIII MWF, IX M and 1 hr. ar. (5) Rose,  
 Kafka  
 92w,s VII TTh (2) Rose  
 93w,s Ar (3) Rose, Kafka, Ford, and others  
 94w,s Ar (3) Rose, Kafka, Ford  
 95s Ar (6)  
 192w,s VIII TTh (2) Army  
 193As IX-X W (2 or 3) Army, Rose  
 193Bs III MWF (2 or 3) Army  
 194Aw,s II-III M (3) Ford  
 194Bs IX MF (3) Ford  
 197w,s Ar (1 to 3) H. Goldstein  
 199Ew,s Ar (Ar) Rose  
 243w,s III-IV S (3) Rose  
 293w,s Ar (1 to 9) H. Goldstein  
 295w,s IX Th (1 to 3) Army, Rose, H. Goldstein

## INDUSTRIAL EDUCATION

- 2w VI-VIII TTh (3)  
 3s VII-VIII MWF (3)  
 6w II-IV TTh (3)  
 7s II-IV TTh (3)  
 10w VII-VIII MWF (3)  
 11w,s I-IV S (2) LaBerge  
 20w III-IV MWF (3)  
 25s III-IV MWF (3)  
 42w IX-X F and 1 hr. ar. (3) Micheels  
 44s IX-X M and 1 hr. ar. (3) Widdowson  
 50Aw,s Ar (3)  
 50Bw,s Ar (3)  
 50Cw,s Ar (3)  
 61w IX-X M (2) Widdowson  
 100s II MWF (3) Smith  
 101s I MWF (3) Micheels  
 102s IX-X W (2) Micheels  
 103w II MWF (3) Micheels  
 105w VII MWF (3) Smith  
 109w IX-X T (2) Widdowson  
 110w IX MWF (3) Smith  
 115s III MWF (3) Micheels  
 125s III-IV S and 1 hr. ar. (3) Widdowson  
 135w IV MWF (3) Micheels  
 172s I-II S and 1 hr. ar. (3) Smith

- 200w Sections: III-IV S Smith; III MWF  
 Micheels (3, 6, or 9)  
 200s Sections: IV MWF Smith; VIII MWF  
 Micheels (3, 6, or 9)

## METHODS AND DIRECTED TEACHING

- 51Aw VI MWF and 1 hr. ar. (4) Harrington,  
 Boyle  
 51Bw,s III MWF and 1 hr. ar. (4) Harrington,  
 Boyle  
 52w,s Ar (Ar)  
 53Aw,s Ar (5 to 8) Bond  
 53Bw,s Ar (5 to 8) Bond  
 54Aw,s Ar (3) Staudenmaier  
 54Bw,s Ar (5) Staudenmaier  
 54Cw,s Ar (3 to 5) Staudenmaier  
 57w VIII MTWThF (5) Headley  
 58s VIII MTWThF (5) Peterson  
 66Aw VIII TTh (3) Smith  
 66AMw VIII TTh (2) Smith  
 66Bs VI-VII T (2) Smith  
 66Cs VIII TTh (3)  
 67Bw IX TTh and 6 hrs. ar. (3) D. Johnson  
 67Bmw IX TTh and 6 hrs. ar. (2) D. Johnson  
 67Cs IX TTh and 6 hrs. ar. (3) D. Johnson  
 68Bw IX MW and 6 hrs. ar. (3) P. Johnson  
 68Bmw IX MW and 6 hrs. ar. (2) P. Johnson  
 68Cs IX MW and 6 hrs. ar. (3) P. Johnson  
 70w V TTh and obs. ar. (3) Cummings  
 70Bw IX MW and 6 hrs. ar. (3) Birkmaier  
 70Cs IX MW and 6 hrs. ar. (3) Birkmaier  
 71Bw IX MW and 6 hrs. ar. (3) Birkmaier  
 71Cs IX MW and 6 hrs. ar. (3) Birkmaier  
 72Bw Ar (2) Meyer  
 72Cs Ar (2) Meyer  
 73Bw IX MW (2) Price  
 73Cs IX MW (2) Price  
 74w VII MWF (3) Kildow  
 77w,s IX M and 15 hrs. ar. (4) Fuller  
 78w,s IX M and 15 hrs. ar. (4) Fuller  
 79w,s IX M and 15 hrs. ar. (4) Fuller  
 80s IX MW (2) Price  
 81w IX MW (2) Price  
 83w III MWF (3) Starr  
 84Bw Ar (2)  
 84Cs Ar (2)  
 85Bw Ar (1, minors; 2, majors)  
 85Cs Ar (1, minors; 2, majors)  
 88Bw VIII TTh (3)  
 88Cs VIII TTh (3)  
 199w,s Ar (3 to 9)

## MUSIC EDUCATION

- 5w I MTWF (2) Prescott  
 6s I MTWF (2) Prescott  
 50Bw III TTh (2) Winslow  
 53s III MWF (3) Winslow  
 59w V TTh (2 seniors, 1 others) Winslow  
 60w,s IX-X W and 6 hr. ar. (3) Winslow  
 61w,s IX-X W and 6 hrs. ar. (3) Winslow  
 62w,s IX-X W and 6 hrs. ar. (3) Winslow  
 63w VI TTh (2) Prescott

- 64s VI MWF (3) Prescott  
 65w,s II TThS (3)  
 68s I-II MWF (4)  
 104Es IV MWF (3) Winslow  
 105Ew IV MWF (3) Ivory  
 224Ew,s Ar (2 to 6) Winslow and others  
 225Ew,s Ar (2 to 4)

### NURSING EDUCATION

- 28w,s Ar (3)  
 29Aw Ar (6)  
 29Bs Ar (6)  
 33Aw Ar (6) Coe  
 33Bs Ar (6) Coe  
 34Aw Ar (6)  
 34Bs Ar (6)  
 37Aw Ar (6) Brown  
 37Bs Ar (6) Brown  
 40Aw Ar (6) Weise  
 40Bs Ar (6) Weise  
 46Aw Ar (12)  
 46Bs Ar (12)  
 47Aw Ar (6)  
 47Bs Ar (15)  
 52Aw Ar (6)  
 52Bs Ar (6)  
 56s Ar (2) Weise  
 57Aw Ar (11) Lediger  
 57Bs Ar (11) Lediger  
 59w Ar (5) Lediger  
 60w,s V MWThF (4) Randall  
 61Aw Ar (6) Brown  
 61Bs Ar (6) Brown  
 65s VII-VIII TTh (4) Harrington, Kitchell, and others  
 67s IV F and 1 hr. ar. (3) Randall  
 68s IV MWF (3) Johnston  
 69s IV MWF (3) Densford  
 72s VIII TTh and IX Th (3) Boyle  
 73w V T (1) Gorgas  
 74s Ar (5)  
 162w I MWF (3) Johnston  
 165w IX TTh and 1 hr. ar. (3) Harrington  
 167s Ar (4) Randall  
 171w VI TTh and 1 hr. ar. (3) Harrington  
 171s VI MW and 1 hr. ar. (3)  
 190s VII TTh and 1 hr. ar. (3) Harrington  
 271 IX TTh and 1 hr. ar. (3) Harrington

### PHYSICAL EDUCATION FOR MEN

- 4Aw VII-VIII TTh (1) Svendsen  
 4Cs VII-VIII TTh (1) Kelly  
 5Bw III MWF (1) Ostrander  
 5Cs III-IV TTh (1) Ostrander  
 6Bw III-IV TTh (1) Roning  
 6Cw,s IV MWF (1) Thorpe  
 7Bw II-III TTh (1)  
 7Cs II-III TTh (1)  
 8s VI MWF (1)  
 9Aw V T and VI TTh (1)  
 9Bs V T and VI TTh (1)  
 11Bw V M (1) Fitzgerald

- 11Cs V M (1) Fitzgerald  
 23Bw V F (1) Fitzgerald  
 23Cs V F (1) Fitzgerald  
 32s I MWF (3) Bartelma  
 55w III MWF (4) Bartelma  
 57w VII MWF (3) Fitzgerald  
 58s VII MWF (3) Fitzgerald  
 59s I MWF (2) Osell  
 60s III TThS (3) Stein  
 63s III MWF (3) Piper  
 64Aw IX-X F (2) Thompson  
 64Bs IX-X F (2) Thompson  
 65w II MWF (3) Osell  
 67s II TThS (2) Bierman  
 69s VI TTh (2) Kelly  
 72w VI MWF (2) Siebert  
 74w V M (2)  
 75s V M (2)  
 78w VII MW (2) Osell  
 79s VII MW (2) Osell  
 101w I MWF (3) Keller  
 103s VI MWF (3) Osell  
 111Ew VI MWF (3) Fitzgerald  
 112Es VI MWF (2) Fitzgerald  
 116Es IV MWF (3) Fitzgerald  
 135s III MWF (3) Keller  
 199Ew,s Ar (Ar)  
 233w II MWF (3) Nordly  
 234s II MWF (3) Nordly  
 241w II TThS (3) Fitzgerald  
 242s II TThS (3) Fitzgerald  
 250s IV MWF (3) Nordly  
 261Ew,s Ar Nordly, Haislet

### PHYSICAL EDUCATION FOR WOMEN

- 21Bw Posture, Daily Life Skills I TTh ( $\frac{1}{2}$ ); Folk Dance VI TTh ( $\frac{1}{2}$ ) Bockstruck; Basketball VII TTh ( $\frac{1}{2}$ ) Rugh; Winter Sports VIII TTh ( $\frac{1}{2}$ ) Larson  
 21Cs Tennis V MW ( $\frac{1}{2}$ ) Jaeger; Ballroom and Country Dance V TTh and VI TTh ( $\frac{1}{2}$ ) Bell; Golf VIII TTh ( $\frac{1}{2}$ ) Tenney; Aquatics VII TTh ( $\frac{1}{2}$ ) Eibner  
 25w II MW (1)  
 27s IV MW (1) Jaeger  
 41Bw Archery, Bowling III TTh ( $\frac{1}{2}$ ) Jaeger; Intermediate Modern Dance III MW ( $\frac{1}{2}$ ) Bockstruck; Officiating of Team-sports VIII TTh ( $\frac{1}{2}$ ) Rugh; Advanced Stunts and Tumbling I TTh ( $\frac{1}{2}$ ) Larson; Gymnastics II TTh ( $\frac{1}{2}$ ) Bell  
 41Cs Track and Field VI TTh ( $\frac{1}{2}$ ); Officiating of Team-sports VIII TTh ( $\frac{1}{2}$ ) Rugh; Aquatics VI MWF (1) Larson; Advanced Modern Dance II TTh ( $\frac{1}{2}$ ) Bell; Advanced Tennis III TTh ( $\frac{1}{2}$ ) Tenney  
 51w VI-VIII Th (3)  
 54s VIII MWF (3) Tinker  
 57Aw III TThS (1) Larson  
 57Bs III TThS (1) Larson  
 60s Sections: II TThS; VII MWF (3)  
 61Bw II MWF (1) Rugh

61Cs II MWF (1) Rugh  
 65As I TThS (1) Jaeger  
 65Bw III MWF (1) Jaeger  
 73Aw I TThS (1) Bockstruck  
 73Cs I MWF (1) Bockstruck  
 83w III MWF (3) Starr  
 84w II MW (2) Jaeger  
 86w III TThS (3) Starr  
 87w VIII TTh (2) Bell

88s VIII TTh (2) Bell  
 90Bw II TTh (3) Jaeger  
 90Cs II TTh (3) Jaeger  
 95s II MWF (3) Baker  
 112Ew IV MWF (3) Baker  
 113Ew VIII-IX½ TTh (3) Baker  
 114Es I TThS (3) Starr  
 118s III MWF (3) Baker, Starr

**LIBRARY INSTRUCTION**

1w,s Sections: II MW; IV MW; VI MW (2)  
 52w Ar (2) Strout  
 53s II MWF and 1 hr. ar. (4) Hayner  
 54s I MWF (3) Phillips  
 55s II MWF (3) Strout  
 56s III Th (1) McDiarmid  
 57s II TThS (3)  
 61w,s Ar (3 to 4½) Strout, Hayner  
 63w IV MWF (3) Strout  
 64s I TTh (2) Strout  
 65w III TTh (2) Shove  
 71s IV MWF (3)

72s III MWF (3) Hayner  
 73w III MWF (3) Strout  
 74w IV TTh (2) Hayner  
 76s I TThS (3) Jones and others  
 77s III MWF (3) Stubkjaer and others  
 78s III TS (2) Jones and others  
 79s II MWF (3) Kingsley  
 80s Ar (4) Stubkjaer  
 82w VII-VIII MWThF (4) Hayner  
 84s III MWF (3) Hummel  
 85w,s Ar (1 to 3) McDiarmid, Strout, Hayner  
 126s II TThS (3)

**MEDICAL SCHOOL**

For complete listing of courses, see the *Bulletin of the Medical School*

**ANATOMY**

4s Lect. I MTWF (5) Frantz  
 Labs: VIII-IX T; VIII-IX Th

**BACTERIOLOGY**

1s III-IV MWF (4) Staff  
 53w,s VII-IX MWF (5) Staff  
 104w IV-V TThS (4) Skinner  
 114s VII-VIII TTh and III-IV S (4) Skinner  
 116w VII-IX TTh (3) McLimans  
 120s VI MWF (3) McLimans  
 122w III TThS (3) Halvorson  
 123s III TThS (3) Halvorson

**PHYSIOLOGICAL CHEMISTRY**

101w Lect. IV MWF, Quiz I F (6)  
 Labs: I-III MW; I-III ThS Armstrong and others

**PHYSIOLOGY**

4s Lect. VIII T and VII-VIII Th, Conf. VII T (4) Hemingway and others  
 58w Ar (5) King and others  
 59s Ar (5) King and others

60s Lect. IV TThS and II S, Conf. II T (6)  
 Lifson and others  
 Labs: VII-IX F (Med. Tech.); I-III Th (5 yr. Nurses)  
 104w Lect. IV MTWF, Conf. VII F (6) Visscher and others  
 Labs: II-IV½ MW; VI½-VIII MW

**PUBLIC HEALTH**

3w,s VI MW (2) Thomson  
 4w VI TTh (2) Thomson  
 4s I TTh (2) Thomson  
 50w,s III MWF (3) Thomson  
 51s IV MWF (3) Cowan  
 55w VI MW (2)  
 57s IV TTh (2) Boynton  
 59w IV MWF (3) Grout, Thomson  
 59s VII MWF (3) Grout, Thomson  
 60s IV TS (2) Myers  
 100s Lect. II MWF (Ar) Anderson  
 Sections: III TTh; VI TTh  
 103w,s II-III MWF (Ar) Kabler  
 106w I TThS (3) Anderson  
 108w VI TTh (2)  
 125w VIII MWF (3) Grout  
 126s VI MWF (3) Foker  
 141s VIII MWF (3) Weaver

**Biostatistics**

- 110w I TThS (3) Hartman  
 110s I TThS (3) Thornton  
 111w Sections: III-IV TThS; VI-VII MWF;  
 VIII-IX MWF (2)  
 111s Sections: VI-VII MWF; VIII-IX MWF;  
 III-IV TThS (2)  
 120s III TThS (3) Roberts

- 121s Sections: I-II MWF; III-IV MWF; I-II  
 TThS; VI-VIII TTh (2)  
 130w III TThS (3) Thornton  
 131w Sections: I-II MWF; III-IV MWF; VI-  
 VIII TTh; I-II TThS (2)  
 201w,s Ar (Ar) Treloar

**Physiological Hygiene**

- 92w Lect. IV MWF, Lab. VI-VIII T (4)  
 Henschel, Brozek

**MILITARY SCIENCE AND TACTICS**

- 2w Sections: III MWF; VII MWF (1)  
 3s Sections: III M and IX-X W; VII M and  
 IX-X W (1)  
 5w Sections: II MWF; VIII MWF (1)  
 6s Sections: II W and IX-X W; VIII W and  
 IX-X W (1)  
 152w Sections: I MTWThF; IV MTWThF (3)

- 153s Sections: I MWF and IX-X W (Air) or  
 IX-X Th (Ground); IV MWF and  
 IX-X W (Air) or IX-X Th (Ground)  
 (3)  
 155w Sections: II MTWThF; VI MTWThF (3)  
 156s Sections: II MWF and IX-X W (Air) or  
 IX-X Th (Ground); VI MWF and  
 IX-X W (Air) or IX-X Th (Ground)  
 (3)

**NAVAL SCIENCE**

- 12w Lect. III MWF; IV MWF; VII MWF (3)  
 Lab. VIII-IX T  
 13s Lect. III MWF; IV MWF; VII MWF (3)  
 Lab. VIII-IX T  
 22w Lect. II MWF; VI MWF; VII MWF (3)  
 Lab. VIII-IX T  
 23s Lect. II MWF; VI MWF; VII MWF (3)  
 Lab. VIII-IX T  
 52w Lect. III MWF; VI MWF (3) Lab. VIII-  
 IX T  
 53s Lect. III MWF; VI MWF (3) Lab. VIII-  
 IX T

- 54w Sections: IV MWF; VII MWF (3) Troy  
 55s Sections: IV MWF; VII MWF (3) Troy  
 62w Lect. II MWF; IV MWF (3) Lab. VIII-  
 IX T  
 63s Lect. II MWF; IV MWF (3) Lab. VIII-  
 IX T  
 65w Lect. IV MWF; VII MWF (3) Troy, Lab.  
 VIII-IX T  
 66s Sections: IV MWF; VII MWF; VIII-IX T  
 (3) Troy  
 68w-69s Lect. Ar MTWF (4) Lab. VIII-IX T

**PHYSICAL EDUCATION FOR MEN**

- 1Bw Wrestling, Handball, Squash, Basketball, II  
 MWF; III MWF; IV MWF; VI MWF  
 Ostrander and staff (1)  
 Beginning Swimming, II MWF Boyce; VII  
 MWF Thorpe; III TThS Boyce (1)  
 Adapted Activities, III MWF; IV MWF;  
 VIII MWF Osell (1)  
 1Cs Swimming, Track, Softball, Tennis, II  
 MWF; III MWF; IV MWF; VI MWF  
 Ostrander and staff (1)  
 Beginning Swimming, II TThS; III TThS  
 Boyce (1)  
 Adapted Activities, III MWF; IV MWF;  
 VIII MWF Osell (1)

- 2Bw Bowling, II TThS Young (1)  
 Intermediate Swimming, II TThS Boyce (1)  
 Advanced Swimming, III MWF Boyce (1)  
 Badminton, III TThS Brain (1)  
 Wrestling, VIII MWF Bartelma (1)  
 Weight Lifting, VIII MWF (1)  
 Basketball, VII MWF Mohr (1)  
 2Cs Advanced Swimming, VII MWF Thorpe  
 (1)  
 Life Saving, III MWF Thorpe (1)  
 Tennis, VII MWF Brain (1)  
 Golf, III-IV MTWThFS (students may  
 select any 3 hrs.) Bolstad (1)  
 Handball and Squash, IV MWF (1)

## PHYSICAL EDUCATION FOR WOMEN

- |   |  |
|---|--|
| <p>w Badminton, Elementary, II MWF; III MWF; VIII MWF<br/>         Badminton, Intermediate, IV MWF<br/>         Ballroom Dance, Elementary, III TTh<br/>         Basketball, I MWF; VIII MWF<br/>         Bowling, II MWF; III MWF; II TTh; III TTh<br/>         Fencing, VI MWF; II TTh; VI TTh<br/>         Individual Body Building, II MWF; VI MWF; II TTh; III TTh<br/>         Modern Dance, Elementary, IV MWF; VIII MWF<br/>         Modern Dance, Intermediate and Advanced, VI MWF<br/>         Rifemanship, II TTh; III TTh<br/>         Rhythm Analysis Applied to Movement, V TTh<br/>         Skating, Elementary, VII-VIII M; VIII-IX M<br/>         Skiing, Elementary, VII-VIII Th<br/>         Swimming, Beginning, III MWF<br/>         Swimming, Advanced Beginning, VIII MWF; III TTh<br/>         Swimming, Intermediate, VI MWF<br/>         Swimming, Intermediate and Advanced, VIII MWF<br/>         Tap Dance, Elementary, II MWF<br/>         Volleyball, III TTh</p> <p>s Archery, Intermediate, II TTh<br/>         Canoeing, III MWF; VI TTh</p> | <p>Golf, Elementary, I MWF; VI MWF; IX MWF; V TTh<br/>         Golf, Intermediate, VII MWF; VIII MWF<br/>         Golf, Advanced, Ar<br/>         Modern Dance, Elementary, IV MWF; VIII MWF<br/>         Modern Dance, Intermediate and Advanced, VI MWF<br/>         Red Cross Life Saving, V MWF<br/>         Softball, III MWF<br/>         Square and Round Dances, II MWF; VII MWF<br/>         Swimming, Beginning, IV MWF; II TTh<br/>         Swimming, Advanced Beginning, VI MWF; II TTh<br/>         Swimming, Intermediate, II MWF; VIII MWF<br/>         Swimming, Advanced and Diving, IV MWF<br/>         Swimming, Advanced and Synchronized, VIII MWF<br/>         Tennis, Elementary, I MWF; II MWF; IV MWF; VI MWF; I TTh; V TTh; VI TTh<br/>         Tennis, Intermediate and Advanced, III MWF; III TTh<br/>         Volleyball, VIII MWF<br/>         Water Safety Instructors' Courses, VII MWF</p> <p>8s Horseback Riding, Elementary, VIII Th; Intermediate, IX Th</p> |
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## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

## AMERICAN STUDIES

- 91w-92s VIII-IX M (3) Smith  
 211w-212s IX-X W (3) Smith

## ANTHROPOLOGY

- 40s VII MTWThF (5) Wallis  
 42w VI MTWThF (5) Spencer  
 80s II TThS (3) Wallis  
 81w III MWF (3) Wilford  
 105 (Not offered)  
 106 (Not offered)  
 109s I TThS (3) Greenberg  
 111w II MWF (3) Wallis  
 116 (Not offered)  
 117 (Not offered)  
 118 (Not offered)  
 119w IV MWF (3) Wallis  
 123w-124s Ar (Ar) Wallis, Greenberg, Wilford, Spencer  
 129 (Not offered)  
 131w III TThS (3) Greenberg  
 132s III TThS (3) Greenberg

- 133w I MWF (3) Spencer  
 134s I MWF (3) Spencer  
 140 Ar (1 to 8) Wilford  
 150-151-152 (Not offered)  
 161w VII MWF (3) Wallis  
 162 (Not offered)  
 167 (Not offered)  
 169s III MWF (3) Spencer  
 170 (Not offered)  
 171s IV TThS (3) Spencer  
 172w II TThS (3)  
 205w-206s Ar (3) Wallis, Greenberg, Wilford

## ART

- 1w,s Lect. III MWF (4) Arnason and others  
 Sections: I-II T; III-IV T; V-VI T; VII-VIII T; IX-X T; I-II Th; III-IV Th; V-VI Th; VII-VIII Th; IX-X Th
- 4w,s Sections: I-II MWF; VI-VII MWF; III-IV TThS (3) Torbert
- 5w,s Sections: I-II TThS Torbert; VI-VII TTh (3)
- 10w,s Lect. V T (3) Nestler  
 Labs: VI-VII MW; I-II WF

- 20w,s Sections: (Majors in Art, Art Ed., Architecture) I-II MF Quirt; III-IV MF Johnson; VI-VII MF Doseff, Johnson; VIII-IX MF Doseff, Young; I-II MW Turner; III-IV MW Parker, Doseff; II-III TTh Morris, Whiteside; IV-V TTh Socha; VI-VII TTh Rollins, Socha; III-IV WF Young (Non-majors in Art, Art Ed., Architecture) I-II MF Whiteside; III-IV MF; VI-VII MF Socha; VIII-IX MF Parker; II-III TTh Parker (2)
- 21w,s Sections: I-II MF Young; III-IV MF Whiteside; I-II MW; III-IV MW Socha; III-IV TTh (2)
- 34w-35s VI-VIII TTh (3) Rood
- 43w,s Sections: I-II MWF; III-IV MWF Berglund; VI-VII MWF Berglund (3)
- 44w,s Sections: I-II MWF; III-IV MWF (3) Morton
- 45w,s VI-VII MWF (3) Morton
- 51w-52s V-VI TTh (2) Quirt, Morris
- 54w,s I-II TThS (3) Torbert
- 55s I-II TThS (3) Torbert
- 57w-58s VI MWF (3)
- 61w-62s Sections: I-II TTh Quirt, Rollins; III-IV TTh; VI-VII TTh; VIII-IX TTh Morris; II-III WS Turner; VI-VII MF Turner, Young; I-II MW Doseff; I-IV S (2)
- 64w VII-VIII MWF (3) Torbert
- 65s III-IV MWF (3)
- 67w-68s VII MWF (3) Patrick
- 71w-72s Sections: I-IV S Rollins; I-II TTh; III-IV TTh Rollins; II-III MW Young; I-II MW Turner; V-VI MW Turner (2)
- 74w-75s Ar (3)
- 81w-82s Ar (2)
- 84w-85s Sections: I-II TThS; III-IV TThS (3) Rood
- 88w-89s VII-VIII MWF (3) Berglund
- 91w-92s Ar (2)
- 94w-95s Sections: I-II TThS; III-IV TThS; VI-VIII TTh (3) Lupori
- 97s III-IV TThS (3) Berglund
- 107w-108s II MWF (3)
- 117w-118s III MWF (3)
- 127w-128s IV MWF (3)
- 134w-135s VIII-X T (3) Lien
- 147w-148s VIII MWF (3) Patrick
- 151w-152s Ar (Ar)
- 153-154-155 (Not offered)
- 184w-185s Ar (3) Rood
- 194w-195s Ar (3) Lupori
- 207w-208s Ar (3) Arnason and staff
- 217w-218s Ar (3) Arnason and staff
- 237w-238s Ar (Ar) Arnason and staff

### ASTRONOMY

- 11s IV MTWF and 1 eve. a week ar. (5) Luyten
- 20w III MTWF and one 3-hr. lab. ar. (5) Luyten
- 51w IV MWF (3) Luyten
- 52w II MTWF (4) Luyten
- 53s II MWF (3) Luyten

### BOTANY

- 2w-3s Lect. III TTh; VI TTh (3w,4s) Banks  
Labs: III-IV TTh; V-VI TTh; VII-VIII TTh; IX-X TTh; I-II WF; III-IV WF; V-VI WF; VII-VIII WF
- 4-5 (Not offered)
- 10 (Not offered)
- 12w IV TThS (3) Lawrence
- 51s Lect. VI MW (4) Brown  
Labs: III-IV MW; VII-VIII MW
- 52s Lect. VI MW (3) Ownbey, Lab. VII-VIII MW
- 53s II-IV TTh (3) Abbe
- 54s II-IV MWF (5) Abbe
- 108 (Not offered)
- 110 (Not offered)
- 112w Lect. IV MW (3) Ownbey, Lab. Ar
- 114 (Not offered)
- 115s VI-VIII TTh (3) Ownbey
- 117 (Not offered)
- 118w VI-VII MWF (3) Dahl
- 120s Lect. III MWF (3 to 5) Dahl, Lab. Ar Hansen
- 123 (Not offered)
- 127w II-IV MWF (5) Abbe
- 132w VI-VIII MWF (5) Cooper
- 133s VI-VIII MWF (5) Cooper
- 137s I-III TThS and IV S (5) Lawrence
- 154 (Not offered)
- 165s VI-VII MWF (3) Dahl
- 171w II-III½ TTh (3) Brown, Frenkel
- 172s II-III½ TTh (3) Brown, Frenkel
- 174w-175s Labs: VI-X T; VI-X Th Brown, Frenkel (2)
- 176 (Not offered)
- 177 (Not offered)
- 178 (Not offered)
- 179-180-181 (Not offered)
- 198w-199s Ar (1 to 5)
- 202w-203s Ar (Ar) Abbe
- 206w-207s Ar (Ar) Ownbey
- 210w-211s Ar (Ar) Banks
- 222w-223s Ar (Ar) Lawrence, Cooper
- 226w-227s Ar (Ar) Brown, Frenkel
- 230w-231s Ar (Ar) Dahl
- 241w-242s Ar (Ar) Abbe
- 244w-245s Ar (Ar) Ownbey
- 247w-248s Ar (Ar) Banks
- 250w-251s Ar (Ar) Lawrence, Cooper
- 253w-254s Ar (Ar) Brown, Frenkel
- 256w-257s Ar (Ar) Dahl

### CLASSICS

#### Greek

- 2w I MTWThF (5) Walton
- 3s I MTWThF (5) Walton
- 52w IX MWF (3) Heller
- 53s IX MWF (3) Swanson
- 73s II TThS (3) Heller
- 121-122-123 (Not offered)
- 172w-173s Ar (3) Swanson
- 202w-203s III-IV S (3) Heller



211-212-213 (Not offered)  
 221-222-223 (Not offered)  
 231-232-233 (Not offered)

### Latin

2w IV MTWThF (5) Heller  
 3s IV MTWThF (5) Forbes  
 12w III MTWThF (5) Forbes  
 51w,s Ar (3)  
 73w,s Ar (2) Heller  
 82w-83s II MWF (3) Swanson  
 112w-113s II TTh (2) Heller  
 133s III MWF (3) Swanson  
 172w-173s Ar (3)  
 201-202-203 (Not offered)  
 212w-213s Ar (3)  
 221-222-223 (Not offered)  
 231-232-233 (Not offered)  
 241-242-243 (Not offered)

### Classics

24s Lect. IV MW (3) Heller  
 Sections: IV F Heller; V F Swanson  
 32w IV MW (2)  
 42w V MW (2) Heller  
 43s V MW (2) Heller  
 107w VIII MWF (3) Swanson  
 108s VIII MWF (3) Swanson  
 192w-193s V MWF (3)

### ENGLISH

#### English

22w-23s Sections: III MTWThF Jackson; VI  
 MTWThF Moore; VII MTWThF Mont-  
 gomery (5)  
 38w-39s VII MWF (3) O'Connor  
 45 (Not offered)  
 53w VII MWF (3) Erdman  
 54s IV MWF (3) Phelan  
 55w-56s Sections: II TThS Moore; III TThS  
 Atkins; VI MWF Ar (w) O'Connor (s);  
 VIII MWF Turpie (3)  
 55s Sections: I TThS Atkins; VI MWF Buck-  
 ley; VII MWF Christie; VIII MWF  
 Montgomery (3)  
 56w Sections: I TThS Atkins; II TThS; VI  
 MWF Buckley; VII MWF Dunn; VIII  
 MWF Christie (3)  
 62w II MWF (3) Brown  
 62s VI MWF (3) Dunn  
 66w-67s IV MWF (3) Dunn  
 74w Sections: II MWF McDowell; VII MWF  
 H. N. Smith (3)  
 75w VII MTWF (4) Armstrong  
 75s III MTWF (4) Dunn  
 98w-99s Ar (3)  
 102w II MWF (3) Clark  
 103s II MWF (3) Clark  
 109w-110s II TThS (3) Erdman  
 113s I MWF (3) McDowell  
 114 (Not offered)  
 115-116 (Not offered)

117 (Not offered)  
 118w-119s VI MWF (3) Erdman  
 121w VI MWF (3) Warren  
 124w IX-X T (3) Warren  
 127w IV MWF (3) Hillhouse  
 129s VI MWF (3) Hillhouse  
 131w VI MWF (3) Montgomery  
 133 (Not offered)  
 135 (Not offered)  
 136s VI MWF (3) Brown  
 137-138-139 (Not offered)  
 140w VI MTWF (4) Clark  
 147-148-149 (Not offered)  
 151s IV MTWF (4) Jackson  
 152 (Not offered)  
 154w-155s III TThS (3) Bowron  
 156s III MWF (3) Hornberger  
 158w VI MWF (3) Brown  
 160w III MWF (3) Hornberger  
 161 (Not offered)  
 163-164 (Not offered)  
 165w VII MWF (3) Allen  
 166s VII MWF (3) Allen  
 168w II MWF (3) O'Connor  
 169 (Not offered)  
 172w-173s VII-VIII T (2) Allen  
 174s VI MWF (3) Allen  
 176w IV MWF (3) Jackson  
 179-180 (Not offered)  
 181s I MWF (3) O'Connor  
 182s II MWF (3) H. N. Smith  
 185w-186s IX-X W (3)  
 188w-189s II MWF (3) Monk (w), Montgomery (s)  
 194 (Not offered)  
 198w-199s III MWF (3) Dunn (w), Monk (s)  
 257w-258s IX-X T (3) Brown  
 263w-264s IX-X Th (3) Hillhouse  
 266w-267s IX-X F (3) McDowell  
 275w-276s IX-X M (3) Monk  
 278w-279s IX-X F (3) Hornberger  
 281-282-283 (Not offered)

### Composition

Aw-Bs I MTWThF (5)  
 Bw-Cs Sections: I MTWThF; II MTWThF;  
 III MTWThF; IV MTWThF; V  
 MTWThF; VI MTWThF; VII  
 MTWThF; VIII MTWThF (5)  
 4w-5s Sections: II TThS; III TThS; IV TThS;  
 V MWF; VIII MWF (3)  
 4s Sections: III TThS; IV TThS; V MWF;  
 VIII MWF (3)  
 5w-6s Sections: I MWF; II MWF; III MWF;  
 IV MWF; V MWF; VI MWF; VII  
 MWF; VIII MWF (3)  
 6w I MWF (3)  
 7w,s V MWF (3) Christie  
 27w-28s Sections: I MWF R. Smith; II MWF;  
 III MWF Scallon; IV MWF Mac-  
 donald; VI MWF C. Johnson; VII  
 MWF Buckley (w), McLaughlin (s);  
 I TThS Steinmann (3)

- 27s Sections: I MWF Bean; II MWF Buckley; III MWF Christie; IV MWF del Plaine; VI MWF Engelhart; VII MWF (3)
- 28w Sections: I MWF O'Connor; II MWF Buckley; III MWF Cronin; IV MWF del Plaine; V MWF; VI MWF Engelhart; VII MWF; VIII MWF; I TThS; II TThS Bean; VI TTh and VII Th McLaughlin; VII TTh and VI Th (3)
- 29w Sections: II TThS Steinmann; III MWF del Plaine (3)
- 29s Sections: II TThS Steinmann; III MWF Atkins; III MWF del Plaine (3)
- 65s VI TTh and Ar (3) Buckley
- 68w Sections: IV MWF Phelan; VI MWF Atkins (3)
- 70w-71s VIII-IX M (2) Phelan
- 81-82-83 (*Not offered*)
- 102w-103s Sections: VIII-IX W Phelan; VIII-IX F Unger (3)
- 104 (*Not offered*)
- 201w IX-X M (3) Warren

## GENERAL STUDIES

### Communication

- 1w-2s Sections: I MTWF; VII MWThF (4)
- 1s Sections: V MWThF; VIII MWThF (4)
- 2w-3s Sections: I MWThF; I MTThS; II MTWF; II TThFS; III MTWF; III TThFS; IV MWThF; IV TThFS; V MTWF; VI MTWF; VII MTWF; VIII MTWF; IX MTWF (4)
- 3w V MWF (3)

### Family Life

- 1w,s Sections: II MWF; V MWF; VII MWF; II TThS (3) Dyer and others
- 14w,s IX MTWThF and X TTh (5)
- 15w,s IV MWF (3) Goldstein
- 20w,s II TThS (3) Price
- 25w,s III MWF (3) Hansen

### Humanities

- 1w Sections: III MTWThF Bowditch; IV MTWThF Swanson (5)
- 1s Sections: IV MTWThF Livingston; V MTWThF (5)
- 2w Sections: I MTWThF Bryan; II MTWThF Cronin; III MTWThF McClosky; IV MTWThF Ames; IV MTWThF Livingston; V MTWThF Sylvester; VI MTWThF Ramsland; VII MTWThF Castell; VIII MTWThF Parrish (5)
- 2s Sections: III MTWThF Bowditch; IV MTWThF Swanson (5)
- 3s Sections: I MTWThF Bryan; II MTWThF Cronin; III MTWThF McClosky; IV MTWThF Ames; V MTWThF Sylvester; VI MTWThF Ramsland; VII MTWThF Castell; VIII MTWThF Parrish (5)
- 4w,s V MTWThF (5)
- 12w-13s III MTWThF (5) Holmer

- 22w-23s Sections: II MWF Bowron; III MWF Turpie; VII MWF Tyler (3)
- 52w-53s Sections: II MTWThF Bentley; II MTWThF Shaw; VI MTWThF Wolf (5)
- 62w-63s Sections: I MTWThF Clark; VI MTWThF Unger (5)
- 72w-73s VII MWF (3) Hornberger
- 132w-133s Ar (2) Castell

### Natural Science

- 2w-3s II MTWThF and 1 hr. lab. ar. (5) Graubard
- 5w-6s Lect. IV MWF (3w,4s) Buchta (w), Thiel (s)
- Labs: VI-VII M; VIII-IX M; III-IV T; VI-VII W; III-IV Th; VI-VII Th; V-VII F; I-II S
- 8w-9s Lect. VI MW (3w,4s) Banks, Osterud
- Labs: I-II TTh; IX-X W and I-II S; IX-X MF
- 172w-173s IV MWF (3) Graubard

### Personal Orientation

- 1w,s Sections: I MWF Herbert; II MWF Herbert; VIII MWF Power; IX MWF Power (2)
- 11w,s II TTh and 1 hr. ar. (2)

### Social Science

- 1w-2s V MWF and 1 hr. ar. (4)
- 1s II TThS and 1 hr. ar. (4)
- 2w-3s 1 hr. ar. and one of the following sections: I MWF; II MWF; III MWF; IV MWF; V MWF; VI MWF; III TThS (4) Naftalin and others
- 3w II TThS and 1 hr. ar. (4)
- 12w-13s III MWF (3) Levi
- 102w-103s IV MWF and V F (3)

### GEOGRAPHY

- 11w,s Sections: III MTWThF; VIII MTWThF (5)
- 41w,s Sections: V MTWThF Kress; VI MTWThF Weaver (5)
- 43w,s II MTWThF (5) Broek
- 47 (*Not offered*)
- 101w I MWF (3) Broek
- 102w VII MWF (3) Weaver
- 103w IV MWF (3) Brown
- 104 (*Not offered*)
- 111 (*Not offered*)
- 120s I MWF (3) Broek
- 125s VII MWF (3) Weaver
- 133 (*Not offered*)
- 241 (*Not offered*)
- 252w VIII-IX T (Ar)
- 253s IX-X T (Ar) Weaver
- 301w,s Ar (Ar) Broek, Weaver

### GEOLOGY AND MINERALOGY

- 1w-2s Sections: IV TThS Wright; VII MWF Swain (3)
- Aw-Bs Sections: I-II MW; III-IV MW; VIII-IX TTh (2)

1s Sections: III TThS Wright; VI MWF Swain (3)  
 As Sections: I-II TTh; III-IV TTh; VI-VII TTh (2)  
 2w Sections: III TThS Wright; VI MWF Swain (3)  
 Bw Sections: I-II TTh; VI-VII MW; VI-VII TTh (2)  
 8w III MTWThF (5) Thiel  
 8s II MTWThF (5) Thiel  
 24w Lect. I MWF, Rec. VIII T, Lab. VI-VIII TTh (5) Gruner  
 61w Lect. II TThS, Lab. VII-VIII F and IX Th (3) Gruner  
 102w Lect. VI T, Lab. VII-VIII TTh (3) Thiel  
 103w-104s Ar (3) Swain  
 105s Lect. I TS, Lab. I-II Th (2) Grout  
 108w-109s Ar (3) Bell  
 111w I TThS (3) Schwartz  
 112s I TThS (3) Swain  
 114s IV MWF (3) Thiel  
 119w IV MWF (3) Wright  
 120s Ar (3) Wright  
 124w II MWF (3) Schwartz  
 131w-132s Lect. I MWF, Rec. VI M, Lab. VI-VII WF (5) Grout  
 137s Ar (3) Gruner  
 140w-141s Lect. II F (w), IV W (s), Lab. VIII-IX MW (3) Grout  
 144w VI-VIII TTh (3) Wright  
 145s VI-VIII TTh (3) Wright  
 147w Ar (4) Gruner  
 151w-152s III MWF (3) Bell  
 161w Ar (3) Gruner  
 166w-167s VI-VII MTTh (w), Ar (s) (3) Schwartz  
 170w,s Ar (3)

### GERMAN

1w-2s Sections: I MTWThF; II MTWThF (5)  
 1s Sections: I MTWThF; II MTWThF (5)  
 2w-3s Sections: I MTWThF; II MTWThF; III MTWThF; IV MTWThF; V MTWThF; VI MTWThF; VII MTWThF (5)  
 2aw-3as III MTWThF and lab. drill IV MTWThF (5)  
 2bw-3bs II MTWThF (5)  
 3w Sections: III MTWThF; VII MTWThF (5)  
 4w Sections: I MTWThF; VI MTWThF (5)  
 4s Sections: III MTWThF; VII MTWThF (5)  
 20w,s III MTWThF (5)  
 25w-26s IV MWF (3)  
 25aw-26as IV MWF (4)  
 28w-29s IV MWF (3)  
 33w,s Sections: II MTWThF; IV MTWThF (5)  
 42w-43s IV TTh (2)  
 51w-52s VI MF (2) Downs  
 54w-55s VI TTh (2) Uhle  
 57w III TThS (3) Pfeiffer  
 58s III TTh (2) Downs

59w,s Ar (1 or 2)  
 60w III MWF (3)  
 61 (Not offered)  
 62s II MWF (3) Pfeiffer  
 64w IV MWF (3) Burkhard  
 65s IV MWF (3) Burkhard  
 71w-72s III MWF (3) Burkhard  
 74w-75s VII MF (2) Downs  
 77s II MWF (3) Burkhard  
 80w VII MWF (3) Downs  
 90-91-92 (Not offered)  
 110-111-112 (Not offered)  
 114w Ar (3) Downs  
 125 (Not offered)  
 126 (Not offered)  
 130-131-132 (Not offered)  
 143-144-145 (Not offered)  
 151w-152s VIII-X T (3) Burkhard  
 153-154-155 (Not offered)  
 160-161-162 (Not offered)  
 163-164-165 (Not offered)  
 174w-175s VIII-X F (3) Pfeiffer  
 176-177 (Not offered)  
 183 (Not offered)  
 194s Ar (3) Downs  
 218-219-220 (Not offered)  
 253-254-255 (Not offered)

### HISTORY

1w-2s Lect. II MW (3) Deutsch, Bowditch  
 Sections: II T; II Th; II F; VI T; II Th  
 2w-3s Lect. II TTh (3) Wolf  
 Sections: I M; I T; I W; I Th; II M; II W; II F; II S; III T; III W; III Th; IV T; IV Th; VI M; VI W; VI Th; VII M; VII T; VII W; VII Th  
 5w-6s Lect. II MW (3) Burt  
 Sections: I T; I Th; II T; II Th; III T; III Th; VII T; VII Th  
 12w-13s IV MWF (3) Krey, Thompson  
 15w-16s VII TWTh (3) Jones  
 15Aw-16As Sections: VII MF Heller; VI TWTh Jones (5)  
 17s Lect. II TThS (5) Heaton  
 Sections: III TTh; VIII TTh  
 21w-22s Lect. II TTh; VIII TTh (3) Twyman  
 Sections: II F; IV T; IV Th; IV F; VI W; VI F; VII F; VIII M; IX M  
 50-51-52 (Not offered)  
 50a-51a-52a (Not offered)  
 51bw-52bs I TThS (3) Jones  
 54w-55s III MWF (3) Krey  
 53a-54a-55a (Not offered)  
 56-57-58 (Not offered)  
 57aw-58as IV MWF (3) Anderson  
 57bw-58bs III MWF (3) Anderson  
 60w-61s IV MWF (3) Steefel  
 62-63-64 (Not offered)  
 66w-67s I MWF (3) Deutsch  
 67aw-67bs II MWF (3) Deutsch  
 68w-69s VII MWF (3) Stephenson  
 69aw III MWF (3) Stephenson  
 70w-71s VII MWF (3) Thompson

- 71w-72s Lect. I MW (3) Ross, and 1 of the following sections: I F; III Th; VI F  
Lect. I MWF (3) Thompson  
73-74-75 (Not offered)  
74w-75as II MWF (3) Holmes  
77w-78s III TThS (3) Burt  
79bw VI MWF (3) Bowditch  
81w-82s I TThS (3) Heaton  
83as II MWF (3) Loehr  
84w-85s II TThS (3) Loehr  
87w-88s II MWF (3) Tyler  
87aw-88as III MWF (3) Tyler  
89s VI MWF (3) Bowitch  
91w-92s III TThS (3)  
94w-95s VI MWF (3) Beatty  
94aw-95as VIII MWF (3) Beatty  
98w-99s III MWF (3) Jordan  
130-131-132 (Not offered)  
139w-140s II MWF (3) Clausen  
144w-145s I MWF (3) Jordan  
151w-152s Ar (3) Jones  
154w-155s VIII-IX W (3) Krey  
157w-158s Ar (3)  
170-171-172 (Not offered)  
176-177-178 (Not offered)  
181w-182s VI-VII T (3) Heaton  
184w-185s VI-VII Th (3) Loehr  
191w-192s Ar (3)  
202w-203s IV S (1) Steefel and others  
209w-210s Ar (3) Loehr  
222w-223s Ar (3) Heaton  
225w-226s Ar (3) Steefel  
231w-232s Ar (3) Jones  
241w-242s Ar (3) Jones, Beatty
- 41w Lect.: I WF; IV MW (3) Ford  
Labs: VI-VII M; VI-VII W; VI-VII Th;  
VIII-IX M; VIII-IX W; I-II T; I-II  
Th; III-IV T; III-IV Th; VII-VIII T
- 51w Lect. V Th (3) Janson  
Labs: VIII-IX T; VIII-IX Th; III-IV T
- 51s Lect. V T (3) Patterson  
Labs: III-IV W; VI-VII Th; III-IV T;  
III-IV Th; III-IV F
- 52w Lect. V T (3) Kildow  
Labs: VIII-IX TTh; III-IV ThS; VI-VII  
MW; VIII-IX WF; III-IV MW; one  
lab. ar.
- 52s Lect. V T (3) Janson  
Labs: VIII-IX TTh; VI-VII WF; III-IV  
MF
- 55w,s Lect. VII M (3) Barnhart  
Lab. VIII-IX MW Barnhart  
Lect. II F (3) Wilson  
Labs: VI-VII WF; I-II MW; I-II TTh;  
III-IV TS
- 58w Ar (2) Barnhart  
65s IV MWF (3) Wilson  
66w,s Lect. VIII M (3) Kildow  
Labs: I-II TTh; VIII-IX WF
- 67w,s Lect. VII WF (3) Charnley (w), Jensen  
(s), Lab. III-IV
- 68s VI MWF (3) Charnley  
69s I MWF (3) Hage  
73s Sections: I MWF Kildow; VI MWF (3)  
74w VI MWF (3) Charnley  
82s VII MWF (3) Kildow  
86w,s VI MWF (3)  
94w II TThS (3) Barnhart  
94s I TThS (3) Gerald  
95s II TThS (3) Barnhart  
99w,s Ar (Ar) Staff
- 101w Sections: III TThS (3) Nafziger, Hovey;  
one sec. ar.
- 101s Sections: III TThS Duncan; III MWF  
Hage (3)
- 103s IV MWF (3) Ford  
104s VIII TTh (3) Barnhart  
109w-110s II MWF (3) Ford, Emery  
112w II MWF (3) Casey, Nafziger  
115s III MWF (3) Nafziger  
121w IV MWF (3) Gerald  
131w III MWF (3) Casey  
141w Lect. VI TTh, Rec. VII T (3) Staff  
142s VI-VII TTh (3) Staff  
150s VIII-IX Th (2) Emery  
177s IV MWF (3) Gerald  
205w,s Ar (3) Nafziger  
208s Ar (3) Gerald  
210w,s Ar (2 or 3) Casey, Nafziger, Gerald

## JAPANESE

- 2w-3s VII MTWThF (5) Syro-Boyarsky  
52w-53s VIII MWF (3) Syro-Boyarsky  
62w-63s Ar (3) Syro-Boyarsky

## JOURNALISM

- 5s II TThS (3) Ford  
10w,s Lect. V T (3) Nestler  
Labs: VI-VII MW; I-II WF  
11w II TThS (3) Ford  
12 (Not offered)  
13w Sections: I-II MWF Duncan; III-IV MWF  
Emery; VI-VII MWF Hage; I-II TThS  
Kearl; VI-VIII TTh Jensen (3)  
14w Sections: I-II MWF Hage; III-IV MWF  
Janson; VI-VII MWF Patterson; VIII-  
IX MWF Jensen; I-II TThS Hovey;  
III-IV TThS; VI-VIII TTh Charnley  
(3)  
14s Sections: I-II MWF Patterson; III-IV  
MWF Kearl; VI-VII MWF Jensen; I-II  
TThS Janson (3)  
15s Sections: I-II MWF Hovey; III-IV MWF  
Duncan; VI-VII MWF Patterson; VIII-  
IX MWF Jensen; I-II TThS Charnley;  
VI-VIII TTh Hage (3)  
18s III TThS (3)

## LINGUISTICS AND COMPARATIVE PHILOLOGY

- 128-129-130 (Not offered)  
132w Ar (3) Swanson  
121-122-123 (Not offered)  
125w-126s VII TThS (3) Greenberg

## MATHEMATICS

- 1w Sections: I MTWThF; V MTWThF; VI MTWThF (5)  
 1s Sections: I MTWThF; V MTWThF; VII MTWThF (5)  
 6w Sections: III MTWThF; VI MTWThF (5)  
 6s Sections: I MTWThF; V MTWThF; VI MTWThF (5)  
 7w Sections: II MTWThF; VII MTWThF (5)  
 7s Sections: III MTWThF; VI MTWThF (5)  
 8w Sections: I MTWThF; VIII MTWThF (5)  
 8s Sections: V MTWThF; VI MTWThF (5)  
 16w Sections: III MTWThF; V MTWThF (5)  
 15w-16s Sections: I MTWThF; V MTWThF (5)  
 20w Sections: IV MTWThF; VII MTWThF (5)  
 20s Sections: I MTWThF; VIII MTWThF (5)  
 21 (Not offered)  
 30w Sections: II MTWThF; VI MTWThF (5)  
 30s Sections: II MTWThF; VII MTWThF (5)  
 50w Sections: I MTWThF; IV MTWThF (5)  
 50s Sections: II MTWThF; VI MTWThF (5)  
 51w Sections: III MTWThF; VI MTWThF (5)  
 51s Sections: I MTWThF; IV MTWThF (5)  
 62w VII MWF (3) Hatfield  
 70 (Not offered)  
 103w I MWF (3) Carlson  
 105s Sections: III MTWThF; VI MTWThF (5)  
 106w V MWF (3) Graves  
 107s V MTWThF (5) Graves  
 109s I MTWThF (3) Carlson  
 110w,s Ar (3 to 6)  
 115w-116s III MWF (3) Gibbens  
 118 (Not offered)  
 119-120 (Not offered)  
 122w-123s IV TThS (3) Bearman  
 125 (Not offered)  
 131 (Not offered)  
 137s VII MWF (3) Hatfield  
 140 (Not offered)  
 142 (Not offered)  
 144-145-146 (Not offered)  
 149 (Not offered)  
 171w-172s II MWF (3) Kalisch  
 176w-177s III TThS (3) Loud  
 207w-208s II TThS (3) Hart  
 209 (Not offered)  
 212-213 (Not offered)  
 221s IV TThS (3) Cameron  
 246w II TThS (3) Cameron  
 247s II TThS (3) Cameron  
 252w-253s IV MWF (3) Olmsted  
 272w IV TThS (3) Cameron

## MUSIC

- Bw-Cs Ar (0)  
 Ew-Fs Ar (0)  
 1Tw-2Ts V MTWThF (3)  
 2Tw-3Ts Sections: II MTWThF; VII MTWThF (3) Feese  
 5Tw-6Ts Sections: I MTWThF; III MTWThF; VI MTWThF (4) Malcolm  
 1w,s I MTWTh (2) Berryman  
 7w-8s III MWF (3) Ferguson

- 11w,s VIII Th and lesson hrs. ar. (2-4)  
 11Cw,s VIII Th and II TTh or III TTh or VI TTh (2-4)  
 12w,s VIII Th and lesson hrs. ar. (2-4)  
 12Cw,s VIII Th and III TTh or VI TTh or VII MWF (2-4)  
 13w,s VIII Th and lesson hrs. ar. (2-4)  
 14w,s VIII Th and lesson hrs. ar. (2-4)  
 15w,s VIII Th and lesson hrs. ar. (2-4)  
 16w,s VIII Th and lesson hrs. ar. (2-4)  
 17w,s VIII Th and lesson hrs. ar. (2-4)  
 18w,s VIII Th and lesson hrs. ar. (2-4)  
 19w,s VIII Th and lesson hrs. ar. (2-4)  
 20w,s VIII Th and lesson hrs. ar. (2-4)  
 21w,s VIII Th and lesson hrs. ar. (2-4)  
 22w,s VIII Th and lesson hrs. ar. (2-4)  
 23w,s VIII Th and lesson hrs. ar. (2-4)  
 24w,s VIII Th and lesson hrs. ar. (2-4)  
 25w,s VIII Th and lesson hrs. ar. (2-4)  
 26w,s VIII Th and lesson hrs. ar. (2-4)  
 27w,s VIII Th and lesson hrs. ar. (2-4)  
 32w-33s III MWF (2) Oberg, Ivory  
 35w-36s II MWF (2) Ferguson  
 38w-39s II TTh (1) Jennings  
 41w-42s 7 p.m. T (1) Oberg plus 1 of the following sections:  
 IX M; IX W; IX F  
 V TTh (1) Ar  
 44w-45s Sections: IV MTWF Aliferis; VIII MTWF Aliferis; 7 p.m. W (1)  
 44Uw-45Us X TTh (1) Rymer  
 47w-48s Sections: IX MTTh; IX MWF (1) Prescott  
 51w-52s III TTh (2) Ivory  
 54w-55s VII WF (2) Kendall  
 57w-58s VI-VII TTh (3) Ferguson  
 61w-62s VI MWF (2) Stephens  
 64w-65s VIII WF (2) Hull  
 67w-68s Ar (1)  
 71w-72s I MWF (2) Kendall  
 74w-75s III MW (2) Aliferis  
 78w-79s Ar (2) Ferguson  
 81w-82s VIII MWF (2) Kendall  
 84w-85s Ar (2) Ferguson  
 87w-88s III TF (2)  
 91w-92s VI MWF (2) Stephens  
 94w-95s II TTh (1) Berryman  
 201w-202s VIII-IX MF and 1 hr. ar. (3) Ferguson  
 206w-207s Ar (3) Ferguson  
 210w-211s II MWF (3) Oberg  
 212w,s Ar (3 to 9) Oberg, Ferguson

## PHILOSOPHY

- 1Aw-3As VI MWF (3) Sellars, Wiggins  
 1w Sections: II MTWThF Hospers; VIII MTWThF Wiggins (5)  
 1s Lect. IV MWF (5) Sellars and 1 of the following sections: IV TTh; V TTh  
 Lect. VI MTWThF (5) Brodbeck  
 2w Lect. IV MWF (5) Castell and 1 of the following sections: IV TTh; V TTh  
 Lect. III MTWThF (5) Swanson  
 Lect. VI MTWThF (5) Brodbeck

- 2s Sections: II MTWThF Hospers; V MTWThF Brodbeck; VII MTWThF Holmer (5)
- 3w Sections: V MTWThF Brodbeck; VII MTWThF Wiggins (5)
- 3s Sections: III MTWThF Swanson; VIII MTWThF Wiggins (5)
- 10 (Not offered)
- 20 (Not offered)
- 51w-52s III MTWThF (5) Shaw
- 59w VI MWF (3) Hospers
- 71s IV MTWThF (5) Wiggins
- 73 (Not offered)
- 82w-83s III MWF (3) Brodbeck
- 102w-103s III TTh (2) Feigl
- 107w VIII MWF (3) Sellars
- 108 (Not offered)
- 111w VI MWF (3) Shaw
- 111A (Not offered)
- 112s VI MWF (3) Sellars
- 113w VII MWF (3) Holmer
- 114Aw VIII MWF (3) Castell
- 116s III MWF (3) Hospers
- 118w-119s Ar (3) Holmer
- 123w VII MWF (3) Conger
- 135s VI MWF (3) Castell
- 147s III MWF (3) Feigl
- 153w III MWF (3) Feigl
- 155s VII MTWThF (5) Conger
- 164s VIII MWF (3) Sellars
- 165w IV MWF (3) Wiggins
- 181w VI MWF (3) Conger
- 182s VI MWF (3) Conger
- 192w-193s Ar (3) Conger, Feigl, Castell, Sellars, and others
- 221w-222s Ar (3) Sellars
- 231w-232s Ar (3) Hospers
- 241-242-243 (Not offered)
- 245w-246s Ar (3) Feigl, Meehl
- 247-248-249 (Not offered)
- 251w-252s Ar (3) Feigl

### PHYSICS

- 2w-3s III MWF (3) Kruglak
- 2aw-3as Lect. III MWF (4) Kruglak  
Labs: I-II M; V-VI T; IX-X T; I-II W; I-II Th; V-VI F; IX-X F; Wall and assistants
- 3w VIII MWF (3)
- 3aw Lect. VIII MWF (4)  
Labs: I-II M; VI-VII M; VIII-IX Th
- 4s Lect. and Quiz: III MTWThF (5) Valasek  
Labs: V-VI M; VII-VIII M; I-II T; VII-VIII Th; IX-X F; Wall and assistants
- 5w-6s Lect. and Quiz: I MTWThF (5)  
Labs: III-IV M; V-VI M; VII-VIII M; III-IV T; VII-VIII T; IX-X T; V-VI W; V-VI Th; VII-VIII Th; VII-VIII F; Wall and assistants
- 7w-8s Lect. and Quiz: V MTWThF (5)  
Labs: III-IV M; VII-VIII M; I-II T; VII-VIII T; IX-X Th; VII-VIII F; Wall and assistants

- 7s Lect. and Quiz: VII MTWThF (5) Lofgren  
Labs: V-VI M; I-II T; III-IV T; V-VI Th; IX-X Th; III-IV F; Wall and assistants
- 8w-9s Lectures: II MTWThF Williams; II MTWThF Kruglak; IV MTWThF Lofgren (5)  
Labs: VII-VIII M; IX-X M; I-II T; VII-VIII T; V-VI W; I-II Th; III-IV Th; V-VI Th; VII-VIII Th; IX-X Th; I-II F; III-IV F; V-VI F; VII-VIII F; IX-X F; Wall and assistants
- 9w Lect. and Quiz: VII MTWThF Oppenheimer; IX MTWThF (5)  
Labs: I-II T; III-IV T; V-VI T; VII-VIII T; I-II Th; III-IV Th; V-VI F; IX-X F
- 73w II MWF (3) Nier
- 103w-105s I MTWThF (5) Nier
- 109w-111s VI MWF (3) Oppenheimer
- 110w,s-112w,s VI-IX TTh (3) Schmitt
- 114w,s Ar (3)
- 116w,s Ar (3)
- 118w,s Ar (3)
- 133w II TThS (3) Valasek
- 134w VII-IX TTh (3) Valasek
- 135 (Not offered)
- 136w,s VII-IX TTh (3) Valasek
- 146 Ar (3)
- 183w-185s IV MWF (3) Tate
- 192w-193s III MWF (3) Hill

### POLITICAL SCIENCE

- 1w-2s II MWF (3)
- 2w-3s Sections: IV MWF Christianson; I TThS (3)
- 5w,s VI MTWThF (5)
- 7w,s III MWF (3)
- 10w III TThS (3)
- 15w II TThS (3) Lippincott
- 15s III TThS (3)
- 25s VI MWF (3) Mills
- 52w-53s Lect. II TTh (3) Naftalin  
Labs: III T; III Th
- 85s II MWF (3) Mills
- 92w-93s Ar (Ar)
- 97 (Not offered)
- 102w II TThS (3) Anderson
- 103s II TThS (3) Anderson
- 104-105-106 (Not offered)
- 108w IV MWF (3) Short
- 117w I MWF (3)
- 118s I MWF (3)
- 121w II TThS (3) Ludwig
- 122s II TThS (3) Ludwig
- 125w VII MWF (3) Christianson
- 126w-127s IV TThS (3)
- 132w II MWF (3) Short
- 133s II MWF (3) Short
- 135 (Not offered)
- 138 (Not offered)
- 142w IV MWF (3) McClosky
- 143s IV MWF (3) McClosky
- 150w III MWF (3) Mills

151s III MWF (3) Mills  
 155s III MWF (3) Christensen  
 161w III TThS (3) Kirkpatrick  
 162s III TThS (3) Kirkpatrick  
 165w IV TThS (3) Kirkpatrick  
 166s IV TThS (3) Kirkpatrick  
 176w-177s III TThS (3) McLaughlin  
 181w-182s I TThS (3) McLaughlin  
 185w I MWF (3) Levi  
 186s I MWF (3) Levi  
 192w II MWF (3) Quigley  
 193s II MWF (3) Quigley  
 195 (Not offered)  
 196 (Not offered)  
 204w-205s VI-VII½ TTh (3)  
 207-208-209 (Not offered)  
 211w-212s VIII½-X½ TTh (3) Ludwig, Short  
 214w IV-V½ TTh (3) Christensen  
 217w-218s VII-VIII M (3) McClosky  
 219-220-221 (Not offered)  
 223w-224s VII-VIII T (3) Kirkpatrick  
 226w-227s VIII-IX TTh (3) Lippincott  
 228s VIII-IX M (3) Lippincott  
 236w-237s IV-V½ TTh (3) Anderson  
 239w Ar (3) McLaughlin  
 240s Ar (3) McLaughlin  
 243w-244s Ar (3) Mills  
 246w-247s VII-VIII W (3) Quigley  
 249w-250s Ar (3) Levi

## PSYCHOLOGY

Aw,s V MTWThF (5) Longstaff, MacCorquodale  
 1w-2s Sections: II MWF MacCorquodale; VIII MWF Heron (3)  
 1s-2s Sections: II MTWThFS; IV MTWThFS (6)  
 2w Sections: III MWF; V MWF (3) Elliott and others  
 3s III MWF (3) Longstaff and others  
 4w-5s I-II MW (2)  
 4s-5s Sections: V-VI MTThF; VII-VIII MTThF; IX-X MTThF; I-II TThFS (4) Tinker and others  
 5w Sections: I-II TTh, V-VI TTh; VII-VIII TTh; V-VI MW; VII-VIII MW; III-IV MW; IX-X TTh; IX-X MW; III-IV TS; I-II FS (2) Tinker and others  
 52s IV MWF (3) Heron  
 55s IV MWF (3) Tinker  
 56w VII MWF (3) Longstaff  
 70s VI MWF (3) Clark  
 86s II TThS (3) Elliott  
 91w-92s Ar (Ar) Elliott and others  
 102w-103s Sections: VII MWF; VIII WF (3) Tinker  
 114w II TThS (3) Elliott  
 125s-126s II MTWThFS (6)  
 126w II MWF (3) Paterson  
 127w,s Ar (3) Paterson, Longstaff  
 129w II MWF (3) Heron  
 130w Lect. IV TS (3) Paterson  
 Labs: V-VI F; VII-VIII F

130s Lect. IV TS (3) Paterson  
 Labs: VI-VII W; VIII-IX W  
 136w-137s VIII-IX M (2)  
 140w III TThS (3) Bird  
 145w IV MWF (3) Bird  
 146s IV MWF (3) Bird  
 147s III TThS (3) Bird  
 148w IV MWF (3) Hathaway  
 152w-153s Ar (3) Heron  
 160w III MWF (3) Longstaff, John  
 167w VIII MWF (3) Clark  
 168s Ar (3) Clark  
 171w-172s VI MWF (3) Meehl

## ROMANCE LANGUAGES

### French

1w-2s Sections: III MTWThF; VII MTWThF (5)  
 1s Sections: III MTWThF; VII MTWThF (5)  
 2w Sections: I MTWThF; IV MTWThF; VI MTWThF (5)  
 2aw III MTWThF and 1 of the following drill sections: VI MTWThF; VII MTWThF (5)  
 3w-4s Sections: III MTWThF; VI MTWThF (5)  
 3s Sections: I MTWThF; IV MTWThF; VIII MTWThF (5)  
 3as III MTWThF and 1 of the following drill sections: VI MTWThF; VII MTWThF (5)  
 4w Sections: III MTWThF; VII MTWThF (5)  
 20w VI MTWThF (5)  
 20s III MTWThF (5)  
 50w II TThS (3) Guinotte  
 52s Ar (1 or 2) Wirtz  
 54w-55s VI MWF (3) Fermaud  
 64w VII MWF (3) Guinotte  
 65s VII MWF (3) Guinotte  
 71w-72s IV MWF (3) Clefont  
 73w-74s III MTWThF (5) Brackney  
 76w-77s III MWF (3) Fermaud  
 100s VIII MWF and 1 hr. ar. (3) Guinotte  
 104w-105s VI F (3) Barton  
 107s Ar (3) Guinotte  
 111w II MWF (3) Barton  
 112s II MWF (3) Clefont  
 113w Ar (3) Desgranges  
 116w-117s IV MWF (3) Fermaud  
 119w-120s IV TTh and 1 hr. ar. (3) Sirich  
 121-122-123 (Not offered)  
 130 (Not offered)  
 131 (Not offered)  
 146 (Not offered)  
 156 (Not offered)  
 157 (Not offered)  
 158 (Not offered)  
 159s VII MWF (3) Fermaud  
 172w-173s Ar (1) Brackney  
 202w-203s Ar (2) Brackney  
 205w-206s Ar (2) Brackney  
 208w-209s Ar (2) Brackney  
 226w-227s IX-X F (2) Desgranges

**Italian**

- 2w IV MTWF (4) Nissen  
 3s IV MTWF (4) Nissen  
 5w VI MTWThF (5) Nissen  
 70 (Not offered)  
 71w II MWF (3) Nissen  
 72 (Not offered)  
 73s II MWF (3) Nissen  
 74 (Not offered)  
 160w II TTh and IV Th (3) Nissen  
 161-162 (Not offered)  
 164 (Not offered)

**Portuguese**

- 2w VII MTWThF (5) Luckey  
 3s VII MTWThF (5) Luckey

**Spanish**

- 1w-2s Sections: III MTWThF; VII MTWThF (5)  
 1s Sections: II MTWThF; VII MTWThF (5)  
 2w Sections: I MTWThF; IV MTWThF; VI MTWThF; VII MTWThF (5)  
 2aw II MTWThF and 1 of the following drill sections: VI MTWThF; VIII MTWThF (5)  
 3w-4s Sections: II MTWThF; VIII MTWThF (5)  
 3s Sections: I MTWThF; IV MTWThF; VI MTWThF; VII MTWThF (5)  
 3as II MTWThF and 1 of the following drill sections: VI MTWThF; VII MTWThF; VIII MTWThF (5)  
 4w Sections: II MTWThF; IV MTWThF; VI MTWThF (5)  
 20w III MTWThF (5)  
 20s Sections: III MTWThF; IV MTWThF (5)  
 52w Ar (1 or 2) Cúneo  
 54w-55s Sections: II MWF Floripe; III MWF Mills (3)  
 56s Lect. IV TTh, Lab. III-IV S (4) Cúneo  
 57w,s VII MTWThF (5) Cúneo  
 61w-62s III MWF (3) Floripe  
 66w-67s VI MWF (3) Pattison  
 68w-69s VI MTWThF (5) Grismer  
 71w-72s IV MWF (3) Cúneo  
 75w-76s II MWF (3) Shuler  
 77w-78s VI MTWThF (5) Luckey  
 104w-105s IV T (1) Pattison  
 111w-112s IV MWF (3) Pattison  
 115-116-117 (Not offered)  
 120 (Not offered)  
 131 (Not offered)  
 141w-142s VIII MWF (3) Irving  
 144w-145s VII MWF (3) Floripe  
 156w-157s VII MWF (3) Grismer  
 171-172-173 (Not offered)  
 174-175-176 (Not offered)  
 242w-243s IX-X F (2) Grismer  
 244-245-246 (Not offered)  
 248w-249s Ar (2) Irving  
 251w-252s VIII-IX W (2) Pattison  
 254w-255s Ar (2)

**RUSSIAN**

- 2w VII MTWThF (5) Niemi  
 3s VII MTWThF (5) Niemi  
 52w-53s VI MWF (3) Blinoff  
 57w-58s VII MWF (3) Blinoff  
 62w-63s VI TTh (2) Niemi  
 72w-73s VIII MWF (3) Niemi  
 81-82-83 (Not offered)  
 102w-103s V MWF (3) Niemi  
 131-132-133 (Not offered)

**SCANDINAVIAN**

- 2w VI MTWThF (5) Clausen  
 3s VI MTWThF (5) Clausen  
 5w-6s VII MWF (3)  
 8w II MTWThF (5) Lorenzen  
 9s II MTWThF (5) Lorenzen  
 11w-12s III MWF (3) Lorenzen  
 22w-23s V MWF (3) Gustafson and others  
 52w Ar (2) Gustafson  
 61s Ar (3) Clausen  
 71s Ar (3) Lorenzen  
 153s Ar (3) Lien  
 161 (Not offered)  
 162 (Not offered)  
 172w IV MWF (3) Gustafson  
 173s IV MWF (3) Gustafson  
 185 (Not offered)  
 192w-193s Ar (3) Gustafson  
 195 (Not offered)  
 215-216-217 (Not offered)  
 219w-220s Ar (Ar) Gustafson  
 222w-223s Ar (Ar) Gustafson

**SOCIOLOGY AND SOCIAL WORK****Sociology**

- 1w,s Lect. II TThS (5) Monachesi and others  
 Sections: I WF; II MW; IV MW; VI MW; VII MW; III TTh  
 1w Agr., For., and H.E. students only III TThS (3)  
 1s Agr., For., and H.E. students only I TThS (3)  
 2w,s Lect. I TThS (5) Caplow  
 Sections: I WF; II TTh; IV MW; VI TTh  
 7s III TThS (3) Caplow  
 14w,s IV MWF (3) Nelson, Marshall  
 14w Agr., For., and H.E. students only IV TThS (3) Nelson, Marshall  
 45w,s Lect. IV MWF (5)  
 Sections: VI-VII MW; VI-VII TTh  
 49w Sections: II MWF; II TThS Kyllonen (3)  
 49s Sections: I MWF; II TThS Kyllonen (3)  
 50w-51s II TThS and 3 hrs. observation for Seq. D students (Seq. D 4, others 3)  
 51w III TThS and 3 hrs. observation for Seq. D students (Seq. D 4, others 3)  
 53w,s III MWF (3) Vold  
 57 (Not offered)  
 91s III TThS (3)



95 (Not offered)  
 98w-99s Ar (3)  
 100s II MWF (3) Vold  
 102w VII MWF (3) Vold  
 103s III TThS (3) Monachesi  
 104 (Not offered)  
 111w VII MWF (3) Marshall  
 112s III MWF (3)  
 115w II TThS (3) Caplow  
 120w II TThS (3) Kirkpatrick  
 122w II MWF (3) Vold  
 123s II TThS (3) Kirkpatrick  
 140w,s II TThS (3) Chapin  
 141w,s IV TThS (3) Kirkpatrick  
 142 (Not offered)  
 143 (Not offered)  
 161s VI T and VI-VII Th (3) Marshall  
 162w I MWF (3) Nelson  
 171w IV MWF (3)  
 172s III TThS (3)  
 181s VIII-IX M (2) Nelson  
 183w III MWF (3)  
 185w-186s Ar (2)  
 200w,s Ar (Ar) Vold  
 204w-205s Ar (Ar)  
 207w-208s Ar (Ar) Chapin  
 210w-211s Ar (Ar)  
 216w Ar (Ar) Nelson  
 217s Ar (Ar) Nelson  
 234w,s Ar (Ar) Monachesi  
 239w Ar (3) Monachesi

### Social Work

200s III TThS (3) Doyle  
 201w III TThS (3) Doyle  
 206w-207s Ar (Ar) Staff  
 209w,s Ar (Ar) Doyle  
 211w-212s Ar MWF (Ar) Staff  
 215w,s-216w,s-217w,s Ar (Ar) Staff  
 219w,s IX-X Th (Ar) Staff  
 220s IV TThS (3) Scott  
 221w Sections: III TThS; IV TThS Scott (3)  
 222w III TThS (3) Fenlason  
 224 (Not offered)  
 225w,s IX-X T (Ar) Fenlason  
 226w IX-X Th (Ar) Mueller  
 227s VII-VIII Th (Ar) Shea  
 227w V-VI Th (Ar) Shea  
 229s VI-VII T (Ar) Fenlason  
 230s II TThS (3) Shea  
 239s Ar (2) Hincley  
 240 (Not offered)  
 250s IX T and VIII-IX Th (3) Mueller and others  
 252w-253s III TThS (3) Mueller  
 259w,s VI-VII Th (Ar) Mueller  
 260w IV TThS (3) Guilford  
 261s IV TThS (3) Guilford  
 262s IX-X T (2) Laabs  
 266w,s IX-X Th (Ar) Guilford  
 267s I TThS (3) Guilford  
 268w I TThS (3) Guilford  
 269w,s IX-X F (Ar) Kidneigh  
 275w I TThS (3) Kidneigh

279s IX-X M (Ar) Kidneigh  
 280s I TThS (3) Kidneigh  
 282As IV TThS (3) Konopka  
 282Bw II-III T (2) Konopka  
 283w II-III Th (2) Konopka  
 284s II T (1) Konopka  
 285s II-III Th (2) Konopka  
 287w VI-VII T (2) Konopka  
 288s VI-VII T (2) Konopka  
 289w,s VI-VII Th (Ar) Konopka  
 293w,s Ar (Ar)  
 299w,s IX-X Th (Ar) Monachesi  
 300w,s Ar (Ar) Staff

### SPEECH

1w-2s Sections: II MWF; III MWF; IV MWF; VII MWF; VIII MWF; II TThS Gilkinson and others (3)  
 1s Sections: II TThS; IV MWF; VI MWF Gilkinson and others (3)  
 2w Sections: I MWF; II MWF; III MWF; IV MWF; VI MWF; VII MWF; VIII MWF; I TThS; II TThS; III TThS; IV TThS Gilkinson and others (3)  
 3w III MWF (3) Gilkinson and others  
 3s Sections: I MWF; II MWF; III MWF; VI MWF; VII MWF Gilkinson and others (3)  
 5w-6s Sections: IV MTWThF; VI MTWThF; VII MTWThF Gilkinson and others (5)  
 5s Sections: III MTWThF; IV MTWThF; VIII MTWThF Gilkinson and others (5)  
 6w Sections: III MTWThF; IV MTWThF; VI MTWThF Gilkinson and others (5)  
 31s II TThS (3) Whiting  
 32w-33s Sections: II MWF Whiting (w), Turner (s); II TThS; III MWF (3)  
 33w II TThS (3) Moulton  
 51s II MWF (3) Gilkinson  
 56w-57s VII MWF (3) Gilkinson  
 61s VI MWF (3) Bryngelson  
 65w,s II MWF (3) Ziebarth  
 66w,s IV MWF (3)  
 67w,s I MWF (3) Irwin  
 72w-73s IV MWF (3) Graham  
 78w-79s III TThS (3)  
 79w II MWF (3) Graham  
 81w-82s I TThS (3) Thompson (w), Ar (s)  
 82w-83s Sections: IV MWF Thompson; VI MWF (3)  
 91w III TThS and IV TS (3) Graham  
 92s II TThS and IV TS (3) Andrus  
 93s III TThS and IV TS (3) Turner  
 97w,s Ar (1 to 3) Howell  
 102w-103s Sections: III MWF; VI MWF Howell (3)  
 105 (Not offered)  
 106w,s VII MWF (3) Howell  
 109 (Not offered)  
 112w-113s III MWF (3) Whiting  
 116w III MWF (1 to 3) Thompson  
 117s II MWF (1 to 3)

124w II TThS (3) Gilkinson  
 126s II TThS (3) Gilkinson  
 131s VI MWF (3) Graham  
 142w VII MWF (3) Irwin  
 143s VII MWF (3) Irwin  
 153w IV MWF (3) Hedgecock  
 155s IV MWF (3) Hedgecock  
 162w-163s VI T and VI-VII Th (3) Bryngelson  
 (w), Henrikson (s)  
 165w-166s VIII WF and ar. (3) Bryngelson  
 169w VII MWF (3) Henrikson  
 172w-173s VII T and VI-VII Th (3) Thompson  
 174-175-176 (Not offered)  
 182w-183s Ar (Ar) Bryngelson and others  
 192w-193s VIII M (3) Whiting  
 201w,s Ar (Ar) Staff  
 208w-209s Ar (Ar) Howell  
 211-212-213 (Not offered)  
 222w-223s Ar (Ar)  
 232w-233s Ar (Ar) Gilkinson  
 262w-263s Ar (Ar) Henrikson  
 292w-293s Ar (Ar) Bryngelson and others

### ZOOLOGY

2w-3s Lect. II TTh Minnich; IV WF Wodse-  
 dalek; VII TTh Olson; VIII MF Min-  
 nich (3w,4s)  
 Labs: I-II MF; III-IV MF; V-VI MF;  
 VII-VIII MF; IX-X MF; I-II TTh;  
 III-IV TTh  
 15w Lect. V TTh Dawson; VII TTh Dawson (3)  
 Labs: V-VI TTh; VII-VIII TTh; IX-X  
 TTh  
 22w Lect. III TThS (5) Eddy  
 Labs: VI-VIII TTh; VI-VIII MW; III-IV  
 MWF  
 50s Lect. III TThS, Lab. I-II TThS (5)  
 Steinbach  
 52w Lect. VIII MWF (5) Mickel  
 Labs: VI-VII MWF; IX-X MWF

53s Lect. VIII MWF (5) Eddy  
 Labs: VI-VII MW and VI-IX F; IX-X  
 MW and VII-X F  
 57w-58s VII-IX TTh (3) Warner  
 75s VI-VIII TTh (3) Wodsedalek  
 82w II MWF (3) Dawson  
 83s II MWF (3) Reed  
 107w-108s III-V TTh (3) Osterud  
 109w IV MWF (3) Minnich  
 110s IV MWF (3) Minnich  
 113w Lect. VI MF (3) Steinbach, Lab. VI-IX W  
 118w-119s Lect. VI TTh (3) Eddy, Lab. VII-  
 VIII TTh Hodson  
 120s VI-VIII TTh (3) Hodson  
 126w-127s Lect. I TTh (3) Mickel, Lab. I-III S  
 129w Lect. VI WF, Lab. VII-IX WF (4) Richards  
 132 (Not offered)  
 145w VII-IX TTh (3) Wallace  
 146s VII-IX TTh (3) Wallace  
 149w-150s II-IV TTh (3) Ringoen  
 155w Ar (3) Schmitt  
 161w VI-VIII TTh (3) Wodsedalek  
 171w VII MWF (3) Reed, Merrell  
 175s IX MWF (3) Reed  
 180s III-IV MWF (3) Ringoen  
 182w III MWF (3) Ringoen  
 198w-199s Ar (Ar)  
 101w-102s Ar (Ar)  
 202w-203s Ar (Ar)  
 212w-213s Ar (Ar)  
 218w-219s Ar (Ar)  
 222w-223s Ar (Ar)  
 230w-231s Ar (Ar)  
 234w-235s Ar (Ar)  
 238w-239s Ar (Ar)  
 242w-243s Ar (Ar)  
 252w-253s Ar (Ar)  
 262w-263s Ar (Ar)  
 292w-293s Ar (Ar)  
 297w-298s Ar (Ar)

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*The Bulletin of the*  
UNIVERSITY of MINNESOTA

Class Schedule  
Spring Quarter, 1948

Library Instruction, Military Science, Naval Science, Physical Education, Science, Literature, and the Arts, School of Chemistry, Education, Agriculture, Forestry, and Home Economics, Business Administration, Nursing, Public Health, and Medical Departments serving other colleges

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UNIVERSITY OF MINNESOTA  
Student's Copy of Spring Quarter Classes

EXAMPLE

Name .....

This work sheet should be retained for your personal information during the first weeks of classes.

<i>Course and Section.....</i>	<i>Zool. 2 Sec. 1</i>
<i>Room and Building.....</i>	<i>Bot. Aud</i>
<i>Instructor .....</i>	<i>Minnich</i>

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
I						
II						
III						
-IV						
V						
VI						
VII						
VIII						
IX						
X						

HAVE  
YOU  
CHECKED  
ALL  
SECTION  
NUMBERS

*Classes  
Convene  
March 29*

## REGISTRATION TALLY PROCEDURE

Students must indicate department, course number, section number, and course title clearly on their registration blank and keep a duplicate of their registration for reference when classes begin.

All students, including graduate students, must have their blanks tallied at each college in which they are taking courses that are being controlled.

IBM cards for controlled classes obtained at the tally offices listed below must be attached to the student's registration blank when it is turned in. It is the responsibility of every student to see that IBM cards obtained correspond to the course and section numbers listed on his registration blank. Registration blanks will not be accepted unless IBM cards are attached for all classes for which control is maintained.

A manual tally is maintained at 136E, and IBM cards are not issued for classes tallied at that office.

Courses being controlled and offices at which control is maintained are as follows:

### AGRICULTURE, FORESTRY, AND HOME ECONOMICS

All courses are tallied at Office of Admissions and Records, University Farm, with following exceptions:

Ag.En. 18, 21, 43, 53, 72, 73 tallied at 136E  
H.Ec. 1, 20, 31, 34, 52, 56A, 56B tallied at 106F for SLA students

### BUSINESS ADMINISTRATION

All courses are controlled except: B.A. 183, Econ. 32, 33, 34, 39, 42, 206, 209, 244, 251.

Controlled courses are tallied at 106VH, with following exceptions:

Econ. 8, 9, 28 tallied at 136E  
Other Econ. courses tallied at 106F for all students except those registered in the School of Business Administration.

### EDUCATION

Courses listed are controlled and tallied as indicated:

Art.Ed. 16, 19, 88, 155, 156, 184 tallied at 204Bu  
Art.Ed. 3, 4, 8, 23, 24C, 26C, 28C, 31, 50C, 51, 63, 67C, 68C, 70C, 73C, 77, 78, 79, 124E, 170E tallied at 106F  
Ed. 51A, 51B, 51C tallied at 204Bu  
Ind.Ed. 7, 10, 11, 12 tallied at 204Bu  
Mu.Ed. 6 tallied at 204Bu

### GENERAL COLLEGE

All courses are controlled and tallied at 108WeH

### INSTITUTE OF TECHNOLOGY

All courses are controlled.

Controlled courses tallied at 136E, with following exceptions:

Chem.  
Inorg. 2 (Sec. 1c); 11 (Sec. 1) tallied at Office of Admissions and Records, University Farm  
Inorg. 2 (Sec. 1b); 7 (Sec. 1b); 11 (Sec. 2, 3, 4, 5, 6); 12 (Sec. 1b, 2b) tallied at 106F  
Anal. 7 tallied at 106F  
Org. 62 tallied at 106F

### MEDICAL SCHOOL

Courses listed are controlled and tallied as indicated:

Bact. 53 tallied at 106F

P.H. 52a, 52b tallied at Office of Admissions and Records, University Farm  
P.H. 3 (Sec. 1) 111, 121 tallied at 106F  
P.H. 3 (Sec. 2) tallied at 136E

### SCIENCE, LITERATURE, AND THE ARTS

Courses listed are controlled.

Controlled courses tallied at 106F unless otherwise indicated:

Arch. DP I, II, III, IV; M-I, II  
Bact. 53 (see Medical School)  
Chem. (see Institute of Technology)  
Comp. B, C, 4, 5, 6, 7, 24, 28, 29  
Draw. 41, 42, 43, 81, 82, 83, 86, 87  
Eng. 23 (Sec. 1, 2, 3) 39, 55, 56  
Gen.Stud.  
Com. 1, 2, 3  
F.L. 1, 14, 15, 20, 25  
Hum. 1, 2, 3, 13, 23, 53, 63, 73, 133  
Nat.Sci. 3, 6, 9  
Per.Or. 1, 11  
Soc.Sci. 1, 2, 3  
Geog. 11, 41, 53  
Geol. A, B, 93, 105 (Sec. 1), 112, 114, 120, 132, 141, 45  
Geol. 11, 105, (2, 3, 4) tallied at 136E  
Germ. 1, 2, 3, 3a, 3b, 4, 20, 33  
Germ. 26, 26a, 29 tallied at 136E  
Hist. 2, 3, 6, 22  
Jour. 5, 10, 14, 15, 51, 52, 55, 66, 67, 68, 69, 73, 101  
Lib. 1  
Math. 1, 6, 7, 8, 16, 20, 21, 30, 50, 51, 105, 108  
Mu. 1, 2T, 3T, 6T, 8, 33, 36, 39, 42, 45, 45U  
Phil. 1, 1A, 2, 2A, 3, 3A, 52  
Phys. 3, 3a, 4, 6, 112, 136  
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P.H. (see Medical School)  
Rom.Lang.  
Fren. 1, 2, 3, 3a, 4, 20  
Span. 1, 2, 3, 3a, 4, 20  
Soc. 1 (5 cred.), 2, 45, 49  
Soc. 1 (3 cred.) tallied at Office of Admissions and Records, University Farm  
Sp. 1, 2, 3, 5, 6, 33, 61, 65, 66, 67, 79, 83, 103, 105, 106, 143, 155  
Zool. 3, 53

## EXPLANATIONS

**Course numbering**—A course is designated by a department name, course number, and section number (if more than one section is offered). Numbers preceded by a dash (—) identify lecture, recitation or laboratory sections.

Junior College courses in the College of Science, Literature, and the Arts (primarily for freshmen and sophomores) are numbered from 1 to 49. Senior College courses in the College of Science, Literature, and the Arts are numbered as follows: courses primarily for juniors and seniors, from 50 to 99; for juniors, seniors, and graduates, from 100 to 199; for graduates only, from 200 up. This system is not uniformly followed by departments in other colleges than Science, Literature, and the Arts.

**Credits**—The number of credits is indicated in parentheses following the room.

### Class Hour Schedule

	Main Campus	University Farm
I Hour	8:00- 8:50	7:45- 8:35
II Hour	9:00- 9:50	8:45- 9:35
III Hour	10:00-10:50	9:45-10:35
IV Hour	11:00-11:50	10:45-11:35
V Hour	12:00-12:50	11:45-12:35
VI Hour	1:00- 1:50	12:45- 1:35
VII Hour	2:00- 2:50	1:45- 2:35
VIII Hour	3:00- 3:50	2:45- 3:35
IX Hour	4:00- 4:50	3:45- 4:35
X Hour	5:00- 5:50	4:45- 5:35
XI Hour	6:00- 6:50	5:45- 6:35
XII Hour	7:00- 7:50	6:45- 7:35

**Instructors, hours, and rooms not listed will be arranged.** Students should contact department concerned to obtain this information.

**Prerequisites and course fees**—For prerequisites see *Combined Class Schedule*; for course descriptions see college bulletin.

### Buildings

A, Armory	CMU, Coffman Memorial Union
Ad, Administration, University Farm	CoH, Ada Comstock Hall
Adm, Administration	CS, Carpenter Shop, University Farm
Ag, Agronomy, University Farm	CSP, Cold Storage Plant, University Farm
AgrBot, Agricultural Botany, University Farm	CSS, Corn Seed Stocks, University Farm
AH, Appleby Hall	CWI, Child Welfare Institute
BB, Bull Barn, University Farm	DCB, Dairy Cattle Barn, University Farm
BCB, Beef Cattle Barn, University Farm	DeH, Dexter Hall, University Farm
BeH, Berry House, University Farm	DH, Dining Hall, University Farm
BFH, Botany Field House, University Farm	DHD, Dining Hall Dormitory, University Farm
Bo, Botany	E, Main Engineering
BoG, Botany Greenhouse	EdH, Eddy Hall
Bot, Botany, University Farm	EE, Electrical Engineering
BrH, Brewster Hall, University Farm	En, Engineering Bldg., University Farm
Bu, Burton Hall	Ex, Experimental Engineering
C, Chemistry Building	F, Folwell Hall
CCS, Center for Continuation Study	
CH, Cooke Hall	



- FCFH, Farm Crops Field House, University Farm  
 FdH, Field House  
 G, Greenhouse (13th and University Ave. S.E.)  
 GH, Green Hall, University Farm  
 Gy, Gymnasium, University Farm  
 HB, Horse Barn, University Farm  
 HE, Home Economics, University Farm  
 HH, Haecker Hall, University Farm  
 HL, Hydraulic Laboratory, Hennepin Island  
 HoB, Home Building, University Farm  
 Hospitals  
 CI, Cancer Institute  
 EH, Eustis Hospital  
 EMH, Elliot Memorial Hospital  
 HS, Health Service  
 PW, Psychiatric Ward  
 TM, Todd Memorial Hospital  
 UD, University Dispensary  
 HP, Heating Plant  
 Hr, Horticulture, University Farm  
 HS, Health Service, University Farm  
 IA, Institute of Anatomy  
 J, Jones Hall  
 L, Law Building  
 Lib, Library Building  
 LsPav, Livestock Pavilion, University Farm  
 MB, Music Building, University Farm  
 ME, Mechanical Engineering  
 MeH, Meredith Hall, University Farm  
 MeS, Medical Sciences  
 MEx, Mines Experiment station  
 MH, Millard Hall  
 MNH, Museum of Natural History  
 MS, Machinery Shop, University Farm  
 MSh, Meat Shop, University Farm  
 Mu, Music Building  
 MurH, William J. Murphy Hall  
 NGW, Norris Gymnasium for Women  
 NH, Nicholson Hall  
 NMA, Northrop Memorial Auditorium  
 OD, Old Dairy, University Farm  
 OSL, Oak Street Laboratories  
 P, Pillsbury Hall  
 Pe, Pendergast Hall, University Farm  
 PG, Poultry Group, University Farm  
 Ph, Physics  
 PH, Power House, University Farm  
 PiH, Pioneer Hall  
 PoH, Louise M. Powell Hall  
 PP, Plant Pathology, University Farm  
 Psy, Psychology  
 Pt, Pattee Hall  
 SaH, Sanford Hall  
 SB, Swine Barn, University Farm  
 SBH, State Board of Health  
 SH, Seed House, University Farm  
 ShH, Shevlin Hall  
 SnH, Snyder Hall, University Farm  
 So, Soils, University Farm  
 SS, Storehouse and Shops  
 St, Stock Pavilion, University Farm  
 Stad, Stadium  
 Stor, Storehouse, Oak and University  
 TCH, Temporary, Court of Hospital  
 TEH, Temporary, East of Haecker Hall, University Farm  
 TH, Thatcher Hall, University Farm  
 TNCE, Temporary, North Court of Engineering  
 TNHS, Temporary, North of Health Service  
 TNL, Temporary, North of Library  
 TNM, Temporary, North of Mines (AH)  
 TNUH, Temporary, North of University High School  
 TSA, Temporary, South of Administration, University Farm  
 TSB, Temporary, South of Botany  
 TSCE, Temporary, South Court of Engineering  
 TSE, Temporary, South of Engineering  
 TSF, Temporary, South of Folwell  
 TSH, Temporary, South of Haecker Hall, University Farm  
 TSMa, First Temporary, South of Mines (AH)  
 TSMb, Second Temporary, South of Mines (AH)  
 TSMc, Third Temporary, South of Mines (AH)  
 TSP, Temporary, South of Powell Hall  
 TSV, Temporary, South of Vincent  
 UHS, University High School  
 VB, Veterinary Barn, University Farm  
 Ve, Veterinary, University Farm  
 VH, Vincent Hall  
 WeH, Westbrook Hall  
 WeiH, Weigley House, University Farm  
 WuH, Wulling Hall  
 Z, Zoology Building

## COURSE FEES

*The following courses, if offered, require payment of course fees as indicated.*

Aeronautical Engineering Laboratory fee, required of all sophomores, juniors, and seniors in aeronautical engineering .....	\$ 3.00 per quarter
46, Orientation course in Link Flying	
No fee for Aero Engineers; other students .....	42.00 per quarter
47, Basic Instrument Course, all students .....	7.00 per hour
48, Advanced Instrument Course, all students .....	7.00 per hour
49, Refresher Course, all students .....	7.00 per hour
Minimum 6 hours or \$42.00	
Agricultural Biochemistry: Deposit required	
Agricultural Education 82, 91, 199E .....	1.50 per credit
Agricultural Engineering 5, 6, 13, 14, 19, 20, 21, 23, 24, 25, 33, 35, 40, 72	1.00 per quarter
43, 41 .....	6.00 per quarter
42 .....	3.00 per quarter
American Studies 21, 71 (Hum. 21, 71) .....	1.00 per quarter
Architecture DP I-II-III-IV-V, M-I-II-III, 160, 262, IHP-I-II .....	1.00 per quarter
AD I-II-III, Arch 40 .....	3.00 per quarter
AD IV .....	10.00 per quarter
Art Education 4, 6, 8, 23, 24A-B-C, 26A-B-C, 28A-B-C, 61, 62, 63	
66A-B, 67A-B-C, 68A-B-C, 124E .....	1.00 per quarter
70A-B-C, 73A-B-C, 74, 75, 76, 77, 78, 79, 170, 173	1.50 per quarter
84, 86, 87, 88, 184, 185 .....	1.50 per credit
Astronomy 20 .....	1.00 per quarter
Botany 1, 2, 3, 50, 51, 52, 53, 54, 113, 114, 115 .....	1.50 per quarter
118, 119, 121, 127, 130, 132, 134, 137, 165, 197, 198, 199 .....	1.50 per quarter
4, 5 .....	2.25 per quarter
120, 123, 146, 147, 148, 154 .....	3.00 per quarter
Business Administration 65 (Jour. 65) 112, 130, 139, 150, 151, 170, 171	1.00 per quarter
Chemistry: Deposit required	
Communications 1 .....	1.00 per quarter
Drawing 65 (Jour. 65) .....	1.00 per quarter
Economics 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43—(for one or more of these courses) .....	2.50 per quarter
Education 51A-B-C, 71A-B-C .....	1.50 per credit
Ed.C.I., Curriculum and Instruction. All courses .....	1.50 per credit
Ed.T., Methods and Directed Teaching. All courses .....	1.50 per credit
Entomology 51, 52, 117, 119, 121, 125, 126, 127, 144, 145, 146 (Budget 2028) .....	1.50 per quarter
General College 10A .....	1.00 per quarter
22A-B-C, 23A-B-C-D, 23AX-BX-CX-DX, 24A-B-C, 24AX-BX-CX, 25A-B-C, 28, 32A-B-C, 32AX-BX-CX, 33A-B-C, 33AX-BX-CX .....	1.50 per quarter
26A, 26B .....	5.00 per quarter
Family Life 14 .....	3.00 per quarter
Geology A, B, 23, 24 .....	1.00 per quarter
Home Economics Education 91, 93, 197, 199E .....	1.50 per credit
History of Art 10 (Budget 2014-2100) .....	5.00 per quarter

## CLASS SCHEDULE

Humanities 1, 11, 21, 51, 61, 71 .....	\$1.00 per quarter
Industrial Education 1, 5, 10, 11, 50, 70, 75 .....	1.50 per credit
Journalism, general fee .....	1.00 per quarter

The general fee of \$1 is charged students registered for courses in Journalism (including B.A. 65, Draw. 65, and Fine Arts 10) with the exception of Journalism 5. The fee is \$1 per quarter regardless of the number of courses taken.

*The following courses have fees in addition to the \$1 general fee:*

51, 58, 67, 68 (in addition to general fee) .....	2.00 per quarter
41, 52, 55 (in addition to general fee) .....	3.00 per quarter
10, 66 (in addition to general fee) .....	5.00 per quarter

Library Tuition (for all Library courses except Lib. 1)  
 Students taking 12 credits or more of library courses will pay full tuition rate for Library—\$42 (residents), \$75 (nonresidents) and may take other courses with no college tuition charge. Students taking less than 12 credits of library courses will pay the library rate for library courses and the college rate for other courses except that no student will be charged more than \$42 (resident), \$75 (nonresident) regardless of courses pursued.

Mechanical Engineering 1-9, 12-18, 110-114 .....	2.00 per quarter
Methods and Directed Teaching. All courses .....	1.50 per credit
Music 11-27, Mu. Ed. 225E, one individual lesson per week, 2 credits .....	30.00 per quarter
Two individual lessons per week, 4 credits .....	60.00 per quarter
Class lessons in courses 11C, 12C, 2 credits .....	15.00 per quarter
A, B, C, D, E, F one individual lesson per week, no credit .....	30.00 per quarter
Music Education 4-6, 50-65, P.T., 50A-B .....	1.50 per credit
Natural Science 4, 5, 6 .....	1.00 per quarter
7, 8, 9 .....	1.50 per quarter
Pharmacognosy 55, 56, 57 .....	2.00 per quarter
162, 163 .....	5.00 per quarter
Physical Education (men) 53, 54, 55, 73, 74, 75, 199 .....	1.50 per credit
Physical Education (women) 1-6, 54, 71 .....	1.75 per quarter
21A-B-C, 41A-B-C .....	3.50 per quarter

Maximum course fee of \$3.50 per quarter on the above courses regardless of the number of courses taken.

50-51 (one or both) .....	2.00 per quarter
57A-B, 61A-B-C, 64, 65A-B, 73A-B-C, 83, 90A-B-C .....	1.50 per credit
Physics 1a, 2a, 3a, 4-9, 52, 110, 112, 134, 136, 144, 145, 154 .....	2.00 per quarter
Psychology 4, 5, 130, 135, 136, 137 .....	1.00 per quarter
Public Health 65, 66, 67, 119, 129, 138, 139, 173, 190 .....	1.00 per credit
80, 111, 121, 131, 140, 150 .....	1.00 per quarter
169 .....	100.00 per course
Rhetoric 1 (Communications) 12, 22, 28, 54, 59 .....	1.00 per quarter
Social Work 210-217 .....	3.50 per quarter
Speech 1, 2, 3, 5, 6, 51, 55, 56, 57, 61, 65, 67, 81, 82, 83 .....	1.00 per quarter
31, 32, 33, 34, 66, 71, 72, 73, 78, 79, 91, 92, 93, 111, 112, 113, 131 .....	2.00 per quarter
Zoology 22, Lab. .....	7.00 per quarter
1, 2, 3, 14, 15, 21, 50, 51, 52, 53, 75, 81, 100, 101, 102, 107, 108, 109, 110, 111, 113, 116, 117, 118, 119, 121, 125, 126, 127, 128, 132, 143, 144, 145, 146, 149, 150, 155, 160, 161, 170, 171, 180 .....	1.50 per quarter

## LIBRARY INSTRUCTION

- 1—1, II MW, 3Lib (2) Russell, Moen
- 2, IV MW, 3Lib (2) Handahl
- 3, VI MW, 3Lib (2) Hofer
- 53 II MWF, 5Lib (4) Hayner
- 54 I MWF, 5Lib (3) Phillips
- 55 II MWF, (3) Strout
- 56 III Th, 5Lib (1) McDiarmid
- 57 (3) Ar
- 61 (3 to 4½) Ar
- 64 I TTh, 5Lib (2) Strout
- 71 IV MWF, 5Lib (3) Hayner
- 72 III MWF, 5Lib (3)
- 76 I TThS, 316Lib (3) Jones and others
- 77 IV MWF, 316Lib (3) Methven and others
- 78 III TS, 316Lib (2) Jones and others
- 79 II MWF, 316Lib (3) Kingsley
- 80 Ar (4) Methven
- 84 III MWF, (3) Hummel
- 85 Ar (1 to 3) McDiarmid, Strout, Hayner and others
- 126 II TThS, (3) Russell

## MILITARY SCIENCE AND TACTICS

- 3—1, III M, 103A (1)
- IX-X Th, AGym
- 2, VII M, 103A (1)
- IX-X Th, AGym
- 6—1, II W, T-2A (1)
- IX-X Th, AGym
- 2, VIII W, T-2A (1)
- IX-X Th, AGym
- 153—1, I MWF, A (3)
- IX-X Th, AGym
- 2, IV MWF, A (3)
- IX-X Th, AGym
- 156—1, II MWF, A (3)
- IX-X Th, AGym
- 2, VI MWF, A (3)
- IX-X Th, AGym

## NAVAL SCIENCE AND TACTICS

- 113—1, III MWF, 205A, VIII-IX T, Drill Floor
- (3) Comdr. Lyon
- 2, IV MWF, 205A, VIII-IX T, Drill Floor
- (3) Comdr. Lyon
- 3, VII MWF, 205A, VIII-IX T, Drill Floor
- (3) Comdr. Lyon
- 213—1, II MWF, 12A, VIII-IX T, Drill Floor (3)
- Lt. Koch
- 2, VI MWF, 12A, VIII-IX T, Drill Floor
- (3) Lt. Koch
- 3, VII MWF, 12A, VIII-IX T, Drill Floor
- (3) Lt. Koch
- 313—1, III MWF, 202 A, VIII-IX T, Drill Floor
- (3) Lt. Comdr. Blocker
- 2, VI MWF, 202A, VIII-IX T, Drill Floor
- (3) Lt. Comdr. Blocker
- 413 IV MWF, 202A, VIII-IX T, Drill Floor (3)
- Lt. Towne
- 413S IV, VI, T, VII MTW, 202A, VIII-IX T,
- Drill Floor (4) Lt. Comdr. Hill

## PHYSICAL EDUCATION FOR MEN

- 1C—1, II MWF, (1) Ostrander and staff
- 2, III MWF, (1)

- 3, IV MWF, (1)
- 4, VI MWF, (1)
- 5, II TThS, (1) Boyce
- 6, III TThS, (1)
- 7, III MWFS, (1) Osell
- 8, IV MWFS, (1)
- 9, VIII MWFS, (1)
- 2C—1, III MWF, (1) Thorpe
- 2, VI MWF, (1) Kelly
- 3, VII MWF, (1) Brain
- 4, VIII MWF, (1) Smith
- 5, VIII MWF, (1)
- 6, VII MWF, (1) Chisholm
- 7, IV MWF, (1)

## PHYSICAL EDUCATION FOR WOMEN

3,6

Canoeing

- 1, III MWF, 58NGW (1½)
- 2, VI TTh, 58NGW (1)

Swimming, Beginning

- 3, IV MWF, 50NGW
- 4, II TTh, 50NGW

Swimming, Advanced Beginning

- 5, VI MWF, 50NGW
- 6, II TTh, 50NGW

Swimming, Intermediate

- 1, VIII MWF, 58 NGW
- 3, II MWF, 58NGW

Swimming, Advanced and Diving IV MWF, 58NGW

Swimming, Advanced and Synchronized, VIII MWF, 58NGW

Red Cross Life Saving 2, IX MWF, 58NGW

Water Safety Instructor's Courses VII MWF, 58NGW

Individual Body Building 1, IV MWF, 153aNGW

Archery, Intermediate II TTh, 60NGW

Golf, Elementary

- 1, IV MWF, 60NGW
- 2, I MWF, 60NGW

Golf, Intermediate

- 1, VII MWF, 60NGW
- 2, VIII MWF, 60NGW

Golf, Advanced, Ar

- Tennis, Elementary and Advanced Elementary
- 3, IV MWF, 151NGW

—4, I MWF, 151 NGW

—5, I TTh, 151NGW

—6, II MWF, 151NGW

—7, VI MWF, 60NGW

Tennis, Intermediate and Advanced

—1, III MWF, 151NGW

—2, III TTh, 151NGW

Horseback Riding

—3, Elementary 3:00 Th, 201NGW

—4, Interm. and Adv. 4:00 Th, 201NGW

Square and Round Dances 2, II MWF, 151NGW

Modern Dance, Elementary

—2, VIII MWF, 151NGW

—3, IV MWF, 153NGW

Modern Dance, Intermediate and Advanced 2, VI MWF, 151NGW

Softball

—1, III MWF, 153NGW

—2, VIII MWF, 153NGW

# COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

## AMERICAN STUDIES

- 23—1, III MWF, 308F (3) Turpie
- 2, II MWF, 308F (3) Turpie
- 3, VII MWF, 221Bu (3) Tyler
- 73 VII MWF, 110P (3) Hornberger
- 92 IX-X M, 111TSF (2) Smith
- 212 IX-X W, 111TSF (3) Smith

## ANTHROPOLOGY

- 42 VI MTWThF, 166Ph (5) Roberts
- 80 II TThS, 6WeH (3) Wallis
- 109 I TThS, 6WeH (3) Greenberg
- 117 I MWF, 6WeH (3) Roberts
- 119 II MWF, 6WeH (3) Wallis
- 124 Ar, Wallis, Greenberg, Roberts, Wilford
- 132 III TThS, 6WeH (3) Greenberg
- 161 VII MWF, 6WeH (3) Wallis
- 170 IV MWF, 6WeH (3) Greenberg
- 206 Ar (3) Wallis, Roberts, Greenberg, Wilford

## ART

### Architecture

- DP-I—1, II-III TTh, 417E (2) Sabean
- 2, II-III TTh, 417E (2) Young
- 3, VI-VII TTh, 417E (2) Sabean
- 4, VI-VII TTh, 417E (2) Young
- 5, VIII-IX TTh, 417E (2) Sabean
- M-I VI-VIII MW, 405E (2) Sabean
- 40 Lect. VI MWF, 304E (5) Ar
- 1, VII-VIII MWF, 402E Ar
- 2, VI-VIII TTh, 402E Ar
- 53 IV MWF, 304E (3) Robertson
- 63 Ar (2) Robertson
- DP-II—1, I-IV S, 417E (2) Turner
- 2, I-IV S, 417E (2) Turner
- 3, I-IV S, 417E (2) Young
- 4, VI-VII MF, 417E (2) Turner
- 5, VI-VII MF, 417E (2) Young
- DP-III—1, II-III MW, 417E (2) Turner
- 2, II-III MF, 417E (2) Turner
- 3, II-III WF, 417E (2) Turner
- DP-IV VI-VIII MW, 417E (2) Turner
- M-II VI-VIII MW, 405E (2) Sabean
- AD-I VI-VIII MTWThF, 405E (5) McClure
- AD-II VI-VIII MTWThF, 305E (5) Cerney

### Art Education

- 3—1, I-II MWF, 104J (3) Lien
- 2, VI-VII MWF, 104J (3) Mrs. Torbert
- 3, III-IV TThS, 104J (3) Wiggin
- 4—1, I-II MF, 207bJ (2) Johnson
- 2, III-IV MF 207bJ (2) Mrs. Torbert
- 3, VI-VII MF, 207bJ (2) Whiteside
- 8—1, I-II MF, 207aJ (2) Morris
- 2, III-IV MF, 207aJ (2) Whiteside
- 3, VI-VII MF, 207aJ (2) Haley
- 4, VIII-IX MF, 207bJ (2) Hulse
- 5, I-II MF, 203aJ (2) Whiteside
- 6, III-IV MF, 203aJ (2) Morris
- 7, VIII-IX MF, 207aJ (2) Haley
- 8, III-IV MF, 203J (2) Rollins

- 23—1, I-II TTh, 203J (2) Quirt
- 2, V-VI TTh, 203J (2) Morris
- 24C—1, I-II TTh, 207aJ (2) Rollins
- 2, VI-VII TTh, 207aJ (2) Haley
- 26C—1, I-II TTh, 207bJ (2) Haley
- 2, VI-VII TTh, 207bJ (2) Quirt
- 28C VIII-IX TTh, 207aJ (2) Quirt
- 31—1, I-II MWF, 11J (3) Verrall
- 2, III-IV MWF, 11J (3) Johnson
- 3, VIII-IX MWF, 11J (3) Johnson
- 50C III-IV MWF, 104J (3) Stoick
- 51 I-II TThS, 104J (3) Wiggin
- 63—1, I-IV S, 203aJ (2) Quirt
- 2, I-II TTh, 203aJ (2) Morris
- 3, III-IV TTh, 203aJ (2) Haley
- 67C—1, I-III F, 109J (2) Wiggin
- 2, VIII-X T, 109J (2) Wiggin
- 68C VI-VIII Th, 1J (2) Rollins
- 70C—1, I-II TThS, 11J (3) Rood
- 2, III-IV TThS, 11J (3) Rood
- 73C—1, I-II TThS, 10J (3) Lupori
- 2, III-IV TThS, 10J (3) Lupori
- 3, VI-VIII TTh, 10J (3) Lupori
- 77 VII-VIII MWF, 4J (3) Berglund
- 78 VII-VIII MWF, 4J (3) Berglund
- 79 III-IV MWF, 2J (3) Berglund
- 124E VI-IX F, 203J (2) Rollins
- 170E VII-IX TTh, 11J (3-9) Rood
- 173E VIII-IX TTh, 11J (3) Lupori

### Drawing

- 41-42-43—1, I-II MWF, 260TNL (2) Doseff, Socha
- 2, III-IV MWF, 260TNL (2) Doseff, Socha
- 3, VI-VII MWF, 260TNL (2) Doseff, Socha
- 81-82-83 Ar, 250TNL (3) Doseff, Socha
- 86-87 Ar, 250TNL (3) Doseff, Socha

### History of Art

- 3 III TThS, MurAud (3) Arnason
- 10 Lect. V T, 420 MurH (3) Nestler
- 1, VI-VII MW, 20MurH, Nestler
- 2, I-II WF, 20MurH, Nestler
- 59 VI MWF, 3MNH (3) Bishop
- 73 VII MWF, 3 MNH (3) Bishop
- 159 IV MWF, 3MNH (3) Bishop
- 203 Ar, (3) Arnason

## ASTRONOMY

- 11 IV MTWF, 166Ph (5) Luyten
- 53 II MWF, 358Ph (3) Luyten

## BOTANY

- 3—1 Lect. III TTh, BoAud (4) Banks
- 2 Lect. VI TTh, BoAud (4) Banks
- 1, III, IV TTh, 1,4,5Bo
- 2, V, VI TTh, 1,4,5Bo
- 3, VII, VIII TTh, 1,4,5Bo
- 4, IX, X TTh, 1,4,5Bo
- 5, I, II WF, 1,4,5Bo

- 6, III, IV WF, 1,4,5Bo  
 —7, V, VI WF, 1,4,5Bo  
 —8, VII, VIII WF, 1,4,5Bo  
 52 Lect. VI MW, Balcony Bo (3) Ownbey  
 Lab. VII, VIII MW, Balcony Bo  
 54 III, IV TThS, 209Bo (3) Abbe  
 115 VI, VII, VIII TTh, Balcony Bo (3) Ownbey  
 127 II, III, IV MWF, 209Bo (5) Abbe  
 133 VI, VII, VIII MWF, 214Bo (5) Cooper  
 137 I, II, III TTh, 215Bo (5) Lawrence  
 143 9:30-10:45 TTh, 110Bo (3) Frenkel  
 148—1, VI, VII, VIII, IX, X T, 104Bo (2) Brown  
 —2, VI, VII, VIII, IX, X Th, 104Bo (2)  
 Brown  
 165 VI, VII MWF, 202Bo (3) Dahl  
 199 Ar  
 203 Ar Abbe  
 207 Ar Tryon  
 223 Ar Cooper, Lawrence  
 227 Ar Brown, Frenkel  
 231 Ar Dahl  
 235 Ar

**CHILD WELFARE**

- 10 V TTh, 202Pt (2) Cummings  
 40 VI TTh, 202Pt (3) Fuller  
 80—1, IV MWF, 202Pt (3) Martin  
 —2, III TThS, 202Pt (3) Hansen  
 132 II MWF, 202Pt (3) Harris  
 135 VII, VIII TTh, 204EPt (2), (4), or (6)  
 Harris  
 141 VIII, IX Th, 202Pt (2) Blodgett  
 142 II TThS, 202Pt (3) Blodgett  
 152 VIII TTh, 204EPt (2), (4), or (6) Fuller  
 160 III MWF, 202Pt (3) Burkland  
 185 VI MWF, 202Pt (3) Templin  
 223 Ar 204EPt (Ar)  
 225 Ar 202Pt (Ar) Harris  
 227 VIII, IX F, 202Pt (Ar) Roff  
 232 IX M, 202Pt (Ar) Roff  
 272 (Ar) Harris and others  
 275 Ar 204EPt (Ar) Cummings  
 291 Ar 205Pt (Ar) Blodgett

**CLASSICS****Greek**

- 3 I MTWThF, 115F (5) Walton  
 53 IX MWF, 205F (3) Swanson  
 73 II TThS, 316F (3) Walton  
 173 Ar 116F (3) Walton

**Latin**

- 3 IV MTWThF, 4F (5) Forbes  
 63 V TWF, 306F (3) Forbes  
 75 V M, 213F (1) Swanson  
 133 III MWF, 17F (3) Swanson  
 173 Ar 116F (3) Walton  
 243 III, IV S, 302Lib (3) Heller

**Classics**

- 16 VII MF, 209NH (2) Heller  
 24 Lect. IV MW, 110F (3) Heller

- 1, IV F, 110F Heller  
 —2, V F, 10F Swanson  
 43 V MW, 114F (2) Heller  
 108 VIII MWF, 115F (3) Swanson  
 193 V TTh, 115F (2) Walton

**ENGLISH****English**

- 23—1, III MTWThF, 301F (5) Jackson  
 —2, VI MTWThF, 301F (5) Moore  
 —3, VII MTWThF, 303F (5) Montgomery  
 24 Lect. IV MW, 110F (2) Swanson  
 —1, IV F, 110F  
 —2, V F, 10F  
 39 VII MWF, 301F (3) Bellow  
 43 V MW, 114F (2) Heller  
 54 VI MWF, 304F (3) Phelan  
 55—1, I TThS, 113F (3) Hessler  
 —2, III TThS, 107TSF (3) O'Connor  
 —3, VI MWF, 104F (3) Culhane  
 —4, VII MWF, 110F (3) Atkins  
 —5, VIII MWF, 303F (3) Buckley  
 56—1, II TThS, 322F (3) Moore  
 —2, III TThS, 311F (3) Christie  
 —3, VI MWF, 311½F (3) Atkins  
 —4, VIII MWF, 227F (3)  
 62 VI MWF, 113F (3) Dunn  
 67 IV MWF, 113F (3) Dunn  
 75 III MTWF, 113F (4) Dunn  
 99 Ar, 111F (3) Hessler  
 103 II MWF, 115F (3) Allen  
 113 I MWF, 305F (3) Turpie  
 129 VI MWF, 204F (3) Hillhouse  
 135 IV MWF, 10F (3) Brown  
 136 VI MWF, 4F (3) Brown  
 149 III MWF, 311½F (3) Clark  
 150 II TThS, 302F (3) Montgomery  
 151 IV MTWF, 109TSF (4) Jackson  
 155 III TThS, 6F (3) Bowron  
 168 II MWF, 203F (3) Unger  
 173 II MWF, 304F (3) Allen  
 174 VII MWF, 218P (3) Allen  
 182 II MWF, 105F (3) H. N. Smith  
 186 IX, X W, 311½F (3) Bentley  
 189 VII MWF, 253TSF (3) Monk  
 199 III MWF, 115F (3) Monk  
 233 IX, X T, 312Lib (3) Brown  
 261 IX, X Th, 339Lib (3) Hillhouse  
 276 IX, X M, 312Lib (3) Monk  
 279 IX, X F, 301Lib (3) Hornberger

**Composition**

- B I MTWThF, 101NH (5)  
 C—1, I MTWThF, 105F (5)  
 —2, II MTWThF, 102F (5)  
 —3, III MTWThF, 227F (5)  
 —4, IV MTWThF, 321F (5)  
 —5, V MTWThF, 3F (5)  
 —6, VI MTWThF, 212F (5)  
 —7, VII MTWThF, 114F (5)  
 —8, VIII MTWThF, 11F (5)

- 4—1, III TThS, 322F (3)  
 —2, IV TThS, 322F (3)  
 —3, V MWF, 322F (3)  
 —4, VIII MWF, 125F (3)  
 5—1, II TThS, 100NH (3)  
 —2, III TThS, 100NH (3)  
 —3, IV TThS, 115F (3)  
 —4, V MWF, 205F (3)  
 —5, VIII MWF, 306F (3)  
 6—1, I MWF, 9F (3)  
 —2, II MWF, 322F (3)  
 —3, III MWF, 107TSF (3)  
 —4, IV MWF, 11F (3)  
 —5, V MWF, 202F (3)  
 —6, VI MWF, 107TSF (3)  
 —7, VII MWF, 227F (3)  
 —8, VIII MWF, 102F (3)  
 7 V MWF, 304F (3)  
 27—1, I MWF, 227F (3) Helton  
 —2, II MWF, 316F (3) Culhane  
 —3, III MWF, 316F (3)  
 —4, IV MWF, 316F (3) Culhane  
 —5, V MWF, 204F (3)  
 —6, VI MWF, 316F (3) Gimmestad  
 —7, VII MWF, 316F (3)  
 —8, VIII MWF, 212F (3) Seeley  
 —9, I TThS, 227F (3) R. Smith  
 —10, II TThS, 321F (3)  
 —11, III TThS, 316F (3) Bean  
 —12, VI TTh, VII T, 213F (3) McLaughlin  
 28—1, I MWF, 213F (3) MacLachlin  
 —2, II MWF, 321F (3) Rice  
 —3, III MWF, 322F (3) Scanlon  
 —4, IV MWF, 322F (3) Del Plaine  
 —5, VI MWF, 157TSF (3) Buckley  
 —6, VII MWF, 304F (3) Mrs. Smith  
 29—1, II TThS, 110F (3) Hessler  
 —2, III MWF, 110F (3) Atkins  
 —3, III MWF, 305F (3)  
 65 VI MWF 209½F (3)  
 71—1, VIII, IX M, 304F (3) Phelan  
 —2, VIII, IX M, 226F (3) McGehee  
 103—1, VIII, IX W, 304F (3) Phelan  
 —2, VIII, IX F, 304F (3) Bellow  
 104 IV TThS, 304F (3) Unger

## GENERAL STUDIES

### Communication

- 1—1, V MWF, 9F (3)  
 —2, VIII MWF, 9F (3)  
 2—1, I MWF, 103TSF (3)  
 —2, VII MWF, 8F (3)  
 —3, II TThS, 203TSF (3)  
 3—1, I MWF, 10F (3)  
 —2, II MWF, 10F (3)  
 —3, III MWF, 10F (3)  
 —4, IV MWF, 107TSF (3)  
 —5, V MWF, 203TSF (3)

- 6, VI MWF, 203TSF (3)  
 —7, VII MWF, 10F (3)  
 —8, VIII MWF, 10F (3)  
 —9, IX MWF, 10F (3)  
 —10, I TThS, 10F (3)  
 —11, II TThS, 10F (3)  
 —12, III TThS, 10F (3)

### Family Life

- 1—1, II MWF, 103TSF (3) Stevens  
 —2, II MWF, 107TSF (3) Koontz  
 —3, II TThS, 103TSF (3) Dyer  
 —4, II TThS, 107TSF (3) Koontz  
 —5, V MWF, 6F (3) Stevens  
 —6, V MWF, 107TSF (3) Aldrich  
 —7, VII MWF, 107TSF (3) Aldrich  
 —8, VII MWF, 109TSF (3) Koontz  
 —9, II TThS, 207TSF (3)  
 14 VIII MTWThF, IX TTh, 5UHS (5)  
 MacKenzie  
 15 III MWF, 206WeH (3) Esteros  
 20 II TThS, 153TSF (3) Price  
 25 I TThS, 202 Pt (3) Hansen

### Humanities

- 1 III MTWThF, JAud (5)  
 2—1, IV MTWThF, 301F (5) Swanson  
 —2, IV MTWThF, 209NH (5) Livingston  
 3—1, I MTWThF, 311F (5) Bryan  
 —2, II MTWThF, JAud (5) Cronin  
 —3, II MTWThF, 301F (5) Shaw  
 —4, III MTWThF, NHAud (5) McClosky  
 —5, III MTWThF, 159TSF (5) Bowdich  
 —6, IV MTWThF, 206Pt (5) Ames  
 —7, V MTWThF, 301F (5) Loban  
 —8, V MTWThF, 2F (5) Sylvester  
 —9, VI MTWThF, 206Pt (5) Bellow  
 —10, VII MTWThF, 308F (5) Castell  
 —11, VIII MTWThF, 209NH (5) Parish  
 13 III MTWThF, 203TSF (5) Beach  
 23—1, III MWF, 308F (3) Turpie  
 —2, II MWF, 308F (3) Turpie  
 —3, VII MWF, 221Bu (3) Tyler  
 53—1, I MTWThF, 322F (5) Bentley  
 —2, VI MTWThF, 133 Ph (5) Wolf  
 63 I MTWThF, 301F (5) Clark  
 73 VII MWF, 110P (3) Hornberger  
 133 Ar, (2) Castell

### Natural Science

- 3 II MTWThF, 166Ph (5) Graubard  
 6 Lect. IV MWF, 110P (4) Theil  
 —1, VIII-IX M, 20, 22P  
 —2, III-IV Th, 20, 22P  
 —3, VI-VII F, 20, 22P  
 —4, III-IV T, 20, 22P  
 9 Lect. II MW, BoAud (4) Dahl, Minnick  
 —1, I-II TTh, Tryon, Osterud  
 —2, IX-X W, I-II S, Tryon, Osterud  
 —3, IX-X MF, Tryon, Osterud  
 73 V MWF, 145Ph (3) Graubard

**Personal Orientation**

- 1—1, I MWF, 253TSF (2) Herbert  
 —2, II MWF, 253TSF (2) Herbert  
 —3, VIII MWF, 253TSF (2) Power  
 —4, IX MWF, 253TSF (2) Power  
 11, II TTh, 1 hr ar, 253TSF (2) Cunningham

**Social Science**

- 1 II MTWF, 145Ph (4)  
 2 V MTWF, 207NH (4) Kyllonen  
 3—1, II MTWF, 207NH (4) Kampelman  
 —2, III MTWF, 207NH (4)  
 —3, IV MTWF, 111NH (4) Naftalin  
 —4, V MTWF, 111NH (4) Berg  
 71 VI MTWThF, 207NH (5) Wiggin

**GEOGRAPHY**

- 11—1, II MTWThF, 103Bu (5)  
 —2, III MTWThF, 103Bu (5)  
 41—1, V MTWThF, 103Bu (5) Kress  
 —2, VI MTWThF, 103Bu (5) Weaver  
 53 IV MWF, 103Bu (3) Brown  
 104 VII MW, 103Bu (2) Weaver  
 120 I MWF, 103Bu (3) Davis  
 253 IX-X T, 103Bu (Ar) Weaver  
 301 Ar Davis, Brown, Weaver

**GEOLOGY AND MINERALOGY**

- 1—1, III TThS, 2P (3) Wright  
 —2, VI MWF, 2P (3) Swain  
 2—1, IV TThS, 210P (3) Wright  
 —2, VII MWF, 210P (3) Swain  
 B—1, I, II MW, 22P (2)  
 —2, III, IV MW, 22P (2)  
 —3, VIII, IX TTh, 22P (2)  
 A—1, I, II TTh, 22P (2)  
 —2, VI, VII TTh, 22P (2)  
 —3, VI, VII MW, 22P (2)  
 8 II MTWThF, 2P (5) Thiel  
 93 VIII, IX T, VI, VII TTh, 105P (3)  
 104 Ar 101P (3) Swain  
 105 Lect. I TS, 210P (2) Grout  
 Lab. I, II Th, 200P (I.T. Labs Ar.)  
 109 Ar (3) Bell  
 112 I TThS, 110P (3) Swain  
 113 Ar 207P (3) Schwartz  
 114 IV MWF, 210P (3) Thiel  
 117 Ar 105P (3) Bell  
 120 II MWF, 220P (3) Wright  
 122 Ar 208P (3) Thiel  
 123 Ar 100P (3) Gruner  
 132 Lect. I MWF, 210P (5) Grout  
 Rec. VI M, 210P  
 Lab. VI, VII WF, 2P  
 137 Ar 200P, 100P (3) Gruner  
 141 Lect. IV W, 200P (3) Grout  
 Lab. VIII, IX MW, 200P  
 142 Ar 200P (3) Grout  
 145 VI, VII, VIII TTh, 220P (3) Sharp  
 153 III MWF, 105P (3) Bell  
 167 Ar 207P (3) Schwartz

- 213 Ar Bell, Swain  
 214 Ar Grout, Schwartz  
 215 Ar Schwartz  
 216 Ar Schwartz  
 241 Ar  
 243-244 Ar Grout, Gruner, Schwartz, Thiel, Sharp

**GERMAN**

- 1—1, I MTWThF, 209½F (5)  
 —2, II MTWThF, 212F (5)  
 2—1, I MTWThF, 209F (5)  
 —2, II MTWThF, 209½F (5)  
 3—1, I MTWThF, 207F (5)  
 —2, II MTWThF, 207F (5)  
 —3, III MTWThF, 207F (5)  
 —4, IV MTWThF, 209F (5)  
 —5, V MTWThF, 209F (5)  
 —6, VI MTWThF, 207F (5)  
 3a Demonstration III MTWThF, 204F  
 Laboratory Drill IV MTWThF, 209½F (5)  
 3b I MTWThF, 212F (5)  
 4—1, III MTWThF, 212F (5)  
 —2, VII MTWThF, 209F (5)  
 20 III MTWThF, 153TSF (5)  
 26—1, II MWF, 2F (3)  
 —2, II TThS, 2F (3)  
 —3, IV MWF, 9F (3)  
 —4, IV TThS, 9F (3)  
 26a IV MTWF, 213F (4)  
 29 IV MWF, 5F (3)  
 33 II MTWThF, 213F (5)  
 43 IV TTh, 212F (2)  
 52 VI MF, 209F, (2) Downs  
 55 VI TTh, 209F (2)  
 58 III TTh, 3F (2) Downs  
 59 Ar (1 or 2)  
 60 IV MWF, 226F (3)  
 61 II MWF, 9F (3)  
 65 IV MWF, 207F (3) Burkhard  
 72 III MWF, 6F (3)  
 112 VIII, IX, X W, 302F (3) Downs  
 165 VIII, IX, X F, 209F (3) Pfeiffer  
 183 VIII, IX, X W, 209F (3) Downs  
 255 VIII, IX, X T, 209F (3) Burkhard

**HISTORY**

- 2 Lect. II MW, BuAud (3) Deutsch  
 —1, II T, 213TNUH  
 —2, II Th, 213TNUH  
 —3, VI T, 213TNUH  
 —4, VI Th, 111Pt  
 3—1, Lect. II TTh, MurAud (3) Wolf and one  
 of the following sections  
 —1, I M, 14P  
 —2, I T, 213TNUH  
 —3, I Th, 213TNUH  
 —4, I F, 14P  
 —5, II M, 213TNUH  
 —6, II W, 213TNUH  
 —7, II S, 213TNUH  
 —8, IV T, 213TNUH



- 9, IV Th, 213TNUH  
 -10, VIII T, 213TNUH  
 -11, VIII Th, 213TNUH  
 -2, Lect. VII MW, BuAud (3) Wolf and one  
 of the following sections  
 -12, I W, 14P  
 -13, IV T, 112Bu  
 -14, VI Th, 213TNUH  
 -15, VII T, 213TNUH  
 -16, VII Th, 213TNUH  
 -17, VII F, 213TNUH  
 -18, VIII T, 202TNUH  
 -19, I M, 221Bu  
 -20, I T, 109TSF  
 -21, II M, 109TSF  
 -22, IV T, 221Bu  
 -23, VI Th, 111Bu  
 -24, VII Th, 111Bu  
 6 Lect. II MW, 206Pt (3) Rife  
 -1, I T, 9F  
 -2, I Th, 9F  
 -3, II T, 9F  
 -4, II Th, 9F  
 -5, III T, 9F  
 -6, III Th, 9F  
 -7, V T, 9F  
 -8, VII T, 9F  
 13-1, IV MWF, 221Bu (3) Thompson  
 -2, VII MWF, 112Bu (3) Thompson  
 16 VII TWTh, 209NH (3) Jones  
 16A VII MF, 209NH (5) Heller  
 VII TWTh, 209NH Jones  
 17 Lect. II TThS, 112Bu (5) Heaton  
 -1, III TTh, 112Bu  
 -2, VIII TTh, 112Bu  
 22-1, Lect. II TTh, 206Pt (3) Osgood, Loehr  
 -2, Lect. VIII TTh, 211 NH (3)  
 -1, II F, 213TNUH  
 -2, IV T, 111Bu  
 -3, IV Th, 111Bu  
 -4, IV F, 102NH  
 -5, VI F, 111Pt  
 -6, VII F, 202TNUH  
 -7, VIII M, 202TNUH  
 -8, IX M, 213TNUH  
 -9, VI W, 202TNUH  
 -10, VII M, 202TNUH  
 52a I TThS, 112Bu (3) Jones  
 55a III MWF, 221Bu (3) Krey  
 58 IV MWF, 111Bu (3) Steefel  
 58a IV MWF, 112Bu (3) Anderson  
 58b VI MWF, 111Bu (3) Anderson  
 67 I MWF, 211 NH (3) Deutsch  
 67b II MWF, 221Bu (3) Deutsch  
 69 VII MWF (3) 111NH  
 71 I TThS, 111Bu (3) Thompson  
 72-1, Lect. I MW, MurAud (3) Willson  
 -1, I F, 115 Psy  
 -2, I F, 221Bu  
 -3, III Th, 213TNUH  
 -4, VI F, 202TNUH  
 -5, VIII F, 202TNUH  
 -2, Lect. I MWF, 111Bu (3) Thompson  
 75 II MWF, 111Bu (3) Willson  
 78 III TThS, 221Bu (3) Warner  
 79c VIII MWF, 221Bu (3) Bowditch  
 82 I TThS, 111Pt (3) Heaton  
 83a II MWF, 116SnH (3) Loehr  
 85 I TThS, 221Bu (3) Loehr  
 88 II MWF, 112Bu (3) Tyler  
 88a III MWF, 112Bu (3) Tyler  
 92a III TThS, 111Bu (3) Osgood  
 92a III MWF, 111Bu (3) Twyman  
 95 VI MWF, 213NH (3) Beatty  
 95a VIII MWF, 112Bu (3) Beatty  
 99 III MWF, 301Lib (3) Jordan  
 145 I MWF, 112Bu (3) Jordan  
 155 VIII, IX W, 339Lib (3) Krey  
 158-(Recent European History) Ar (3) Deutsch  
 -(Seventeenth Cent. France) VII, IX M,  
 106aBu (3) Wolf  
 172 VIII, IX Th, 314Lib (3) Willson  
 182 VI, VII T, 111Bu (3) Heaton  
 185 VI, VII Th, 301Lib (3) Loehr  
 192-(Third Party Movement since Civil War)  
 VI, VII T, 328Lib (3) Stephenson  
 -(Phases of Early American Social and In-  
 tellectual History) VI, VII Th, 328Lib  
 (3) Tyler  
 -(The Mississippi Valley) VIII, IX W, 328Lib  
 (3) Osgood  
 203 IV S, 111Bu (1) Steefel and others  
 210 Ar, 102Bu Osgood, Loehr  
 223 Ar (3) Heaton  
 226 Ar, 102Bu (3) Steefel  
 242 Ar, 316Lib (3) Jones, Beatty

### JAPANESE

- 3 VII MTWThF, 6F (5) Syro-Boyersky  
 53 VIII MWF, 6F (3) Syro-Boyersky  
 63 Ar (3) Syro-Boyersky

### JOURNALISM

- 5 II TThS, 311MurH (3) Ford  
 10 Lect. V T, 420MurH (3) Nestler  
 -1, VI, VII MW, 20MurH Nestler  
 -2, I, II WF, 20MurH Nestler  
 14-1, I, II MWF, 212MurH (3) Patterson  
 -2, III, IV MWF, 212MurH, (3) Janson  
 -3, VIII, IX MWF, 212MurH (3) Hovey  
 -4, I, II TThS, 210MurH (3) Kearl  
 15-1, I, II MWF, 210MurH (3) Hovey  
 -2, III, IV MWF, 210MurH (3) Duncan  
 -3, VI, VII MWF, 212MurH (3) Patterson  
 -4, VIII, IX MWF, 210MurH (3) Jensen  
 -5, I, II TThS, 212MurH (3) Charnley  
 -6, VI, VII, VIII TTh, 212MurH (3) Hage  
 51 Lect. V T, 311MurH (3) Patterson  
 -1, III, IV W, 206MurH Eddy  
 -2, VI, VII Th, 320MurH Janson  
 -3, III, IV T, 206MurH Janson  
 52 Lect. V T, 308MurH (3) Janson  
 -1, VIII, IX TTh, 206MurH, 315MurH  
 Janson  
 -2, VIII, IX TTh, 315MurH, 320 MurH  
 Patterson  
 -3, VI, VII WF, 206MurH, 315MurH Eddy

- 55—1, Lect. VII M, 302MurH (3) Barnhart  
 —2, Lect. II F, 308MurH (3) Wilson  
 —1, VIII, IX MW, 315MurH Wilson  
 —2, I, II MW, 315MurH Wilson  
 —3, III, IV MF, 315MurH Barnhart  
 —4, I, II TTh, 315MurH Wilson  
 —5, VI, VII TTh, 315MurH Wilson  
 65 IV MWF, 105MurH (3) Wilson  
 66 Lect. VIII M, 311MurH (3) Kildow  
 —1, VIII, IX WF, 20MurH Kildow  
 —2, I, II TTh, 20MurH Kildow  
 67 Lect. VII WF, 302MurH (3) Jensen  
 Lab. III, IV Ar, 202MurH Jensen  
 68 VI MWF, 302MurH (2) Charnley  
 69 I MWF, 308MurH (3) Hage  
 73—1, I MWF, 311MurH (3) Kildow  
 —2, VI MWF, 420MurH (3) Sabine  
 82 VI MWF, 311MurH (3) Kildow  
 86 VI MWF, 308MurH (3) Gerald  
 94 I TThS, 308MurH (3) Gerald  
 95 II TThS, 308MurH (3) Barnhart  
 99 Ar  
 101—1, III TThS, 308MurH (3) Duncan  
 —2, III MWF, 308MurH (3) Hage  
 103 IV MWF, 311MurH (3) Ford  
 104 VIII TTh, 311MurH (2) Barnhart  
 110—1, II MWF, 105MurH (3) Ford  
 —2, II MWF, 311MurH (3) Emery  
 112—1, VI, VII TTh, 105MurH, 302MurH (3)  
 Casey  
 —2, VI, VII TTh, 105MurH, 308MurH (3)  
 Emery  
 —3, VI, VII TTh, 105MurH, 311MurH (3)  
 Hovey  
 —4, VI, VII TTh, 105MurH, 405MurH (3)  
 Charnley  
 —5, VI, VII TTh, 105MurH, 420MurH (3)  
 Duncan  
 115 III MWF, 311MurH (3) Nafziger  
 150 VIII, IX Th, 405MurH (2) Emery  
 177 III TThS, 311MurH (3) Gerald  
 205 Ar (3) Nafziger  
 210 Ar (2 or 3) Casey, Nafziger, Gerald

### LINGUISTICS AND COMPARATIVE PHILOLOGY

- 108 VIII MWF, 115F (3) Swanson  
 109 I TThS, 6WeH (3) Greenberg  
 130 IV MWF, 111TSF (3) Swanson

### MATHEMATICS

- 1—1, I MTWThF, 206Pt (5)  
 —2, V MTWThF, JAud (5)  
 —3, VII MTWThF, JAud (5)  
 6—1, I MTWThF, 114F (5)  
 —2, V MTWThF, 102F (5)  
 —3, VI MTWThF, 105F (5)  
 7—1, III MTWThF, 102F (5)  
 —2, VI MTWThF, 102F (5)  
 8—1, V MTWThF, 101F (5)  
 —2, VI MTWThF, JAud (5)  
 —3, VIII MTWThF, 166Ph (5)

- 16—1, I MTWThF, 102F (5)  
 —2, V MTWThF, 112Bu (5)  
 20—1, I MTWThF, JAud (5)  
 —2, VIII MTWThF, JAud (5)  
 21 IV MWF, 101F (3)  
 30—1, II MTWThF, 125F (5)  
 —2, VII MTWThF, 102F (5)  
 50—1, II MTWThF, 101F (5)  
 —2, VI MTWThF, 101F (5)  
 51—1, I MTWThF, 101F (5)  
 —2, IV MTWThF, 105F (5)  
 105 III MTWThF, 104F (5)  
 108 IV MWF, 104F (3) Gibbens  
 110 Ar (3)  
 120 III MWF, 101F (3) Kalisch  
 123 IV TThS, 104F (3) Bearman  
 125 II MWF, 104F (3) Bussey  
 137 VII MWF, 104F (3) Carlson  
 146 III TThS, 101F (3) Hatfield  
 208 II TThS, 104F (3) Cameron  
 213 IV MWF, 102F (3) Olmsted  
 247 IV TThS, 102F (3) Cameron

### MUSIC

- 1 I MTWTh, 3Mu (2) Berryman  
 2T V MTWThF, 103Mu (3)  
 3T—1, II MTWThF, 3Mu (3) Feese  
 —2, II MTWThF, 103Mu (3) Kittleson  
 —3, VII MTWThF, 3Mu (3) Feese  
 —4, VII MTWThF, 103Mu (3) Kittleson  
 6T—1, I MTWThF, 103Mu (4) Malcolm  
 —2, III MTWThF, 3Mu (4) Malcolm  
 —3, VI MTWThF, 3Mu (4) Malcolm  
 8 III MWF, 104Mu (3) Ferguson  
 11 VIII Th, MuAud lesson hrs ar (2 to 4)  
 11C VIII Th, MuAud and one of the following  
 sections (2 to 4)  
 —1, II TTh, 207Mu, Hunter  
 —2, III TTh, 207Mu, Hunter  
 —3, VI TTh, 207Mu, Hunter  
 12 VIII Th, MuAud lesson hrs ar (2 to 4)  
 12C VIII Th, and one of the following sec-  
 tions (2)  
 —1, III TTh, 211Mu, Schuessler  
 —2, VI TTh, 211Mu, Schuessler  
 —3, VII MW, 211Mu, Schuessler  
 13 VIII Th, MuAud lesson hrs ar (2 to 4)  
 14 VIII Th, MuAud lesson hrs ar (2 to 4)  
 15 VIII Th, MuAud lesson hrs ar (2 to 4)  
 16 VIII Th, MuAud lesson hrs ar (2 to 4)  
 17 VIII Th, MuAud lesson hrs ar (2 to 4)  
 18 VIII Th, MuAud lesson hrs ar (2 to 4)  
 19 VIII Th, MuAud lesson hrs ar (2 to 4)  
 20 VIII Th, MuAud lesson hrs ar (2 to 4)  
 21 VIII Th, MuAud lesson hrs ar (2 to 4)  
 22 VIII Th, MuAud lesson hrs ar (2 to 4)  
 23 VIII Th, MuAud lesson hrs ar (2 to 4)  
 24 VIII Th, MuAud lesson hrs ar (2 to 4)  
 25 VIII Th, MuAud lesson hrs ar (2 to 4)  
 26 VIII Th, MuAud lesson hrs ar (2 to 4)  
 27 VIII Th, MuAud lesson hrs ar (2 to 4)  
 33 III MWF, MuAud (2) Oberg, Ivory  
 36 Lect. II MW, 4Mu (2) Ferguson  
 Rec. II F, 4Mu (2) Ferguson

- 39 II TTh, 2Mu (1) Jennings  
 42—1, 7:00 p. m. T, NMA (1) Oberg  
 (Strings) IX M, 4Mu  
 (WW and Brass) IX W, 4Mu  
 (Full Orchestra) IX F, 4Mu  
 —2, VI TTh, 4NMA (1)  
 45—1, IV MTWF, MuAud (3) Aliferis  
 —2, VIII MTWF, 5NMA (3) Aliferis  
 —3, 7:00 p.m. W, 5NMA (3) Mogck  
 45U X TTh, 102Hr(UF) (1) Rymer  
 48—1, IX MTTh, 4NMA (3) Prescott  
 —2, IX MWF, 4NMA (3) Prescott  
 52 III TTh, 104Mu (2) Ivory  
 55 VII WF, 104Mu (2) Kendall  
 58 VI, VII TTh, 104Mu (3) Ferguson  
 62 VI MWF, 104Mu (2) Stephens  
 65 VIII WF, 209Mu (2) Hull  
 68 Ar (1)  
 72 I MWF, 2Mu (2) Kendall  
 75 III MW, 103Mu (2) Aliferis  
 79 Ar (2) 102Mu Ferguson  
 82 VIII MWF, 103Mu (2) Kendall  
 85 Ar 102Mu (2) Ferguson  
 88 III TF, 2Mu (2) Aliferis  
 92 VI MWF, 104Mu (2) Stephens  
 95 II TTh, 206Mu (1) Berryman  
 202 VIII, IX MF, 104Mu, and Conf. hr ar (3)  
 Ferguson  
 207 Ar 102Mu (3) Ferguson  
 211 II MWF, 105Mu (3) Oberg  
 212 Ar 106Mu (3 to 9) Oberg, Ferguson

### PHILOSOPHY

- 1A—1, III MWF, 216NH (3) Brodbeck  
 —2, VIII MWF, 322F (3) Holmer  
 1 IV MTWThF, 133Ph (5)  
 2A II MWF, 216NH (3) Wiggins  
 2—1, V MTWThF, 133Ph (5) Cerf  
 —2, VII MTWThF, 216NH (5) Holmer  
 3A VI MWF, 209NH (3) Sellars  
 3—1, III MTWThF, 133Ph (5) Swanson  
 —2, VI MTWThF, 216NH (5) Holmer  
 52 III MTWThF, 213NH (5) Shaw  
 71 VI MTWThF, 207NH (5) Wiggin  
 108 VIII MWF, 316F (3) Sellars  
 115 VII MWF, 305F (3) Cerf  
 116 III MWF, 304F (3) Wiggins  
 135 VI MWF, 311F (3) Castell  
 147 IV MWF, 305F (3) Brodbeck  
 155 VII MTWThF, 322F (5) Conger  
 182 VI MWF, 209TSF (3) Conger  
 193 Ar (3) Conger, Castell, Sellars, and others  
 232 VII, VIII T and 1 hr. ar, 306F (3) Sellars  
 243 Ar (3) Brodbeck  
 246 Ar (3) Brodbeck

### PHYSICS

- 3 III MWF, 150Ph (3) Wall  
 3a Lect. III MWF, 150Ph (4) Wall and  
 assistants  
 —1, I, II M  
 —2, V, VI T

- 3, IX, X T  
 —4, I, II Th (Pharmacy students only)  
 —5, IX, X F  
 —6, XII, XIII M  
 —7, IX, X W  
 4 Lect. and Quiz, III MTWThF, 166Ph (5)  
 Valasek  
 —1, VII, VIII M, Wall and assistants  
 —2, VI, VII T  
 —3, VI, VII W  
 —4, VII, VIII Th  
 —5, I, II S  
 6 Lect. and Quiz, I MTWThF, 150Ph (5) Wall  
 —1, VII, VIII M, Wall and assistants  
 —2, V, VI M  
 —3, VII, VIII M  
 —4, III, IV T  
 —5, VII, VIII T  
 —6, III, IV Th  
 —7, VII, VIII Th  
 —8, III, IV F  
 —9, VII, VIII F  
 —10, I, II S  
 —11, III, IV S  
 7 Lect. VII MTWThF, 150Ph (5) Lofgren  
 —1, V, VI M, Wall and assistants  
 —2, I, II T  
 —3, I, II Th  
 —4, V, VI Th  
 —5, IX, X Th  
 —6, III, IV F  
 —7, V, VI F  
 —8, III, IV S  
 8—1, Lect. II MTWThF, 133Ph (5)  
 —2, Lect. V MTWThF, 150Ph  
 —1, III, IV M  
 —2, VII, VIII M  
 —3, I, II T  
 —4, VII, VIII T  
 —5, IX, X Th  
 —6, VII, VIII F  
 —7, IX, X F  
 —8, I, II S  
 9—1, Lect. II MTWThF, 150Ph (5) Williams  
 —2, Lect. IV MTWThF, 150Ph (5) Ney  
 —3, Lect. VI MTWThF, 150Ph (5) Kruglak  
 —1, I, II M, Wall and assistants  
 —2, III, IV M  
 —3, V, VI M  
 —4, VII, VIII M  
 —5, IX, X M  
 —6, I, II T  
 —7, III, IV T  
 —8, VII, VIII T  
 —9, XII, XIII T  
 —10, V, VI W  
 —11, VII, VIII W  
 —12, XII, XIII W  
 —13, I, II Th  
 —14, III, IV Th  
 —15, V, VI Th  
 —16, VII, VIII Th  
 —17, IX, X Th  
 —18, XII, XIII Th

- 19, I, II F  
 —20, III, IV F  
 —21, V, VI F  
 —22, VII, VIII F  
 —23, IX, X F  
 —24, XII, XIII F  
 —25, I, II S  
 —26, III, IV S  
 —27, V, VI S
- 105 I MTWThF, 133Ph (5) Nier  
 111 VII MWF, 145Ph (3) Oppenheimer  
 112 VI, VII, VIII, IX TTh, 49Ph (3) Schmitt  
 118 Ar (3)  
 136 VII, VIII, IX TTh, Ar (3) Valasek  
 185 IV MWF, 145Ph (3) Tate  
 193 III MWF, 111McS (3) Hill

## POLITICAL SCIENCE

- 2—1, II MWF, 213NH (3)  
 —2, I MWF, 209NH (3)  
 3—1, IV MWF, BuAud (3) Mr. Christensen  
 —2, I TThS, 211NH (3)  
 5 VI MTWThF, 111NH (5) Miss Christensen  
 7 II TThS, 211NH (3) Turner  
 15 III MWF, 209NH (3)  
 25 VI MWF, 211NH (3) Mills  
 52 Lect. II TTh, 107NH (3) Naftalin  
 —1, III T, 107NH Naftalin  
 —2, III Th, 107NH Naftalin  
 85 II MWF, 211NH (3) Mills  
 93 Ar  
 97 III MWF, 106NH (3) Mills  
 103 II TThS, 111NH (3) Latham  
 106 III TThS, 103NH (3) McLaughlin  
 118 I MWF, 216NH (3) Anderson  
 122 II TThS, 109TSF (3) Ludwig  
 125 VII MWF, 106NH (3) Mr. Christensen  
 127 IV TThS, 102NH (3) Latham  
 133 II MWF, 209NH (3) Short  
 143 IV MWF, 211NH (3) McClosky  
 155 III MWF, 110P (3) Mr. Christensen  
 162 III MWF, 2P (3)  
 166 IV MWF, 207NH (3)  
 171 III TThS, 206Pt (3) Mr. Bird  
 182 I TThS, 2P (3) McLaughlin  
 186 I MWF, 213NH (3) Levi  
 193 II MWF, 106NH (3) Quigley  
 205 1:00 to 2:20 TTh, 13Lib (3) Latham  
 212 3:30 to 5:20 TTh, 13Lib (3) Latham, Ludwig,  
 Short  
 218 VII-VIII M, 211TSF (3) McClosky  
 237 11:00 to 12:20 TTh, 211TSF (3) Anderson  
 240 Ar (3) McLaughlin  
 244 Ar (3) Mills  
 247 VII-VIII W, 211TSF (3) Quigley  
 249 VIII T, 200NH (3) Levi

## PSYCHOLOGY

- A V MTWThF, BuAud (5) Longstaff  
 1-2—1, II MTWThFS, MNHAud (6) Mrs. Bird  
 —2, IV MTWThFS, NHAud (6) Mrs. Bird  
 2—1, VIII MWF, BuAud (3) Herron  
 —2, IX MWF, BuAud (3) MacCorquodale

- 3 III MWF, BuAud (3) Paterson, Longstaff,  
 and others  
 4-5—1, V, VI MTThF, 211Psy (4) Tinker and  
 others  
 —2, VII, VIII MTThF, 211 Psy (4)  
 —3, IX, X MTThF, 211 Psy (4)  
 —4, I, II TThFS, 211Psy (4)  
 5—1, I, II MW, 211Psy (2)  
 —2, 6:20-8:10 p.m. TTh, 211 Psy (2)  
 52 IV MWF, 111Pt (3) Heron  
 55 IV MWF, 211 Psy (3) Tinker  
 70 VI MWF, 112Bu (3) Clark  
 86 II TThS, 111Bu (3) Elliott  
 92 Ar, Elliott, Mr. Bird, Paterson, Tinker,  
 Heron, Longstaff, Clark, Meehl  
 103 VII MWF, VIII WF, 116Psy (3) Tinker  
 125-126 II MTWThFS, 115Psy (6) McClelland  
 127 Ar (3) Paterson, Longstaff, McClelland  
 130 Lect. IV TS, 211Psy (3) Paterson  
 —1, VI, VII W, 211Psy  
 —2, VIII, IX W, 211Psy  
 137 VIII, IX M, 115Psy (2) McClelland  
 141 III TThS, 206Pt (3) Mr. Bird  
 146 IV MWF, 115Psy (3) Mr. Bird  
 153 Ar (3) Heron  
 168 Ar (3) Clark  
 172 VI MWF, 115Psy (3) Meehl  
 200-201-202 Ar  
 203-204-205 Ar  
 210-211-212 Ar  
 215-216-217 Ar  
 220 Ar  
 225 Ar  
 230-231-232 Ar  
 250-251-252 Ar  
 256 Ar  
 260-261-262 Ar  
 265-266-267 Ar  
 270-271-272 Ar (1)  
 281-282-283 Ar  
 286 II TThS, 111Bu (3) Elliott  
 291 Ar  
 295-296-297 Ar

## ROMANCE LANGUAGES

## French

- 1—1, III MTWThF, 5F (5)  
 —2, VII MTWThF, 202F (5)  
 2—1, III MTWThF, 205F (5)  
 —2, VII MTWThF, 212F (5)  
 3—1, I MTWThF, 202F (5)  
 —2, VI MTWThF, 5F (5)  
 —3, VIII MTWThF, 201F (5)  
 3a Demonstration III MTWThF, 206F plus  
 Laboratory Drill, (5) Sirich  
 —1, VI MTWThF, 115F  
 —2, VI MTWThF, 17F  
 —3, VII MTWThF, 17F  
 —4, VII MTWThF, 157TSF  
 4—1, III MTWThF, 202F (5)  
 —2, VI MTWThF, 6F (5)  
 20 III MTWThF, 8F (5)  
 52 Ar (1 or 2)

- 55 VI MWF, 202F (3) Fermaud  
 65 I MWF, 203F (3) Guinotte  
 72 IV MWF, 201F (3) Clefton  
 74 III MTWThF, 209½F (5) Brackney  
 77 III MWF, 203F (3) Fermaud  
 105 VI F, 203F (1) Barton  
 107 Ar (3) Guinotte  
 112 Ar (3) Clefton  
 120 IV TTh and 1 hr ar, 203F (3) Sirich  
 123 IV MWF, 115F (3) Desgranges  
 157 VII MWF, 125F (3) Brackney  
 173 Ar (1) Brackney  
 203 VII, VIII T, 316F (2) Brackney  
 206 VII, VIII Th 316F (2) Brackney  
 227 IX, X F, 203F (2) Fermaud

*Italian*

- 3 IV MTWF, 302F (4) Nissen  
 74 II MWF, 302F (3) Nissen  
 164 II TTh and 1 hr ar (3) Nissen

*Portuguese*

- 3 VII MTWThF, 206F (5)

*Spanish*

- 1—1, II MTWThF, 5F (5)  
 —2, VII MTWThF, 5F (5)  
 2—1, III MTWThF, 207TSF (5)  
 —2, VII MTWThF, 205F (5)  
 —3, IX MTWThF, 207F (5)  
 3—1, I MTWThF, 206F (5)  
 —2, IV MTWThF, 202F (5)  
 —3, VI MTWThF, 114F (5)  
 —4, VII MTWThF, 113F (5)  
 3a Demonstration II MTWThF, 8F (5)  
 plus Laboratory Drill  
 —1, VI MTWThF, 10F  
 —2, VII MTWThF, 4F  
 —3, VIII MTWThF, 8F  
 4—1, II MTWThF, 202F (5)  
 —2, VIII MTWThF, 202F (5)  
 20—1, III MTWThF, 201F (5)  
 —2, IV MTWThF, 206F (5)  
 55—1, II TThS, 201F (3)  
 —2, III TThS, 303F (3) Mills  
 56 Lect. VII MW, 203F (5) LeFort  
 Lab. VII, VIII, IX Th, 203F  
 57 VII MTWThF, 311F (5) Cuneo  
 62 VI MWF, 206F (3)  
 67 VI MWF, 205F (3) Pattison  
 69 VI MTWThF, 3F (5)  
 72 IV MWF, 203F (3) LeFort  
 76 II MWF, 206F (3) Shulet  
 105 IV T, 201F (1) Pattison  
 117 VII MWF, 9F (3) Grismer  
 142 VIII MWF, 110F (3) LeFort  
 145 III MWF, 4F (3)  
 176 IV MWF, 6F (3) Pattison  
 246 Ar (2) Grismer  
 252 VIII, IX W, 203F (2) Pattison  
 255 VIII, IX W, 203F (2)

## RUSSIAN

- 3 VII MTWThF, 100NH (5) Niemi  
 53 VI MWF, 101NH (3) Blinoff  
 58 V MWF, 103TSF (3) Blinoff  
 73 VIII MWF, 111TSF (3) Niemi  
 103 V MWF, 203F (3) Niemi

## SCANDINAVIAN

- 3 VI MTWThF, 12F (5)  
 6 VII MWF, 12F (3)  
 9 II MTWThF, 12F (5) Lorenzen  
 12 III MWF, 12F (3)  
 23 V MWF, 12F (3) Gustafson and staff with  
 lect. by Blegen, Steefel, Stephenson, and  
 others  
 61 Ar (3)  
 71 Ar (3)  
 153 Ar (3) Lien  
 162 Ar (3) Gustafson  
 173 IV MWF, 12F (3) Gustafson  
 183 VIII, IX, X W, 12F (3)  
 193 Ar (3) Gustafson  
 217 Ar Gustafson  
 223 Ar Gustafson

## SOCIOLOGY AND SOCIAL WORK

*Sociology*

- 1—1, Lect. II TThS, NHAud (5) Monachesi  
 and others, and one of the following sections  
 —1, I WF, 109TSF  
 —2, II MW, 157TSF  
 —3, IV MW, 159TSF  
 —4, VI MW, 211TSF  
 —5, VII MW, 209TSF  
 —6, III TTh 157TSF  
 —2, Lect. VII MWF, NHAud (5) Johanson  
 and others, and one of the following sections  
 —7, III MW, 107NH  
 —8, V MW, 109TSF  
 —9, V TTh, 100NH  
 —10, VI WF, 239TSF  
 —11, VIII TTh, 107NH  
 —12, VIII WF, 107NH  
 1 III TThS, 102Hr(UF) (3)  
 2 Lect. I TThS, MNHAud (5) Caplow and  
 others  
 —1, I WF, 102NH  
 —2, II TTh, 102NH  
 —3, IV MW, 102NH  
 —4, VI TTh, 103NH  
 14 IV MWF, 107NH (3) Nelson, Marshall  
 45 Lect. IV MWF, 106NH (5) Johnson  
 —1, VI, VII MW, 102NH  
 —2, VI, VII TTh, 102NH  
 48 VII MWF, 107NH (3) Vold  
 49—1, I MWF, NHAud (3) Kyllonen  
 —2, II TThS, 213NH (3) Kyllonen  
 51 II TThS, VI Th and 3 hrs. of observation  
 for sequence D students, 209NH (5) Nagel  
 53 III MWF, 111NH (3) Vold

- 91 III TThS, 209NH (3) Fenlason  
 99 Ar (3)  
 101 II TThS, 106NH (3) Chapin  
 102 II MWF, 107NH (3) Vold  
 112 VIII, IX M, 102NH (2) Nelson  
 113 VI T, VI, VII Th, 101NH (3) Marshall  
 115 I MWF, 116SnH(UF) (3)  
 118 II TThS, 216NH (3) Kirkpatrick  
 119 IV TThS, 213NH (3) Kirkpatrick  
 132 III TThS, 106NH (3) Monachesi  
 145 III TThS, 111NH (3) Smith  
 164 Ar (2)  
 200 Ar Vold  
 205 Ar Schneider  
 208 Ar Chapin  
 217 Ar Nelson  
 234 Ar Monachesi

## Social Work

- 200 III TThS, 102NH (3) Doyle  
 207 Ar  
 209 Ar Doyle  
 210 Ar MWF, (Ar)  
 212 Ar MWF, (Ar)  
 215 Ar MWF, (Ar)  
 216 Ar MWF, (Ar)  
 217 Ar MWF, (Ar)  
 219 IX, X Th, 101NH (Ar)  
 220 IV TThS, 101NH (3) Scott  
 224 IX, X Th, 103NH (Ar) Scott  
 225 IX, X T, 103NH (Ar) Fenlason  
 227 IX, X T, 111TSF (Ar) Shea  
 229 IX, X Th, 111TSF (Ar) Fenlason  
 230 III TThS, 218P (3) Shea  
 238 IV T, Ar (1)  
 239 Ar (2) Hinckley  
 244 VIII, IX Th, 202Pt (2)  
 246B VI MWF, Ar (3) Meehl  
 250 IX T, VIII, IX Th, 106NH (3) Mueller and  
 medical staff  
 253 III TThS, 253TSF (3) Mueller  
 255 IV TThS, 102IA (3) Weaver  
 259 Ar Mueller  
 261 IV TThS, 103NH (3) Guilford  
 262 IX, X T, 101NH (2) Laabs  
 263 III TThS, 106NH (3) Monachesi  
 265 Ar Monachesi  
 266 Ar Guilford  
 267 I TThS, 102NH (3) Guilford  
 269 IX, X F, 103NH (Ar) Kidneigh  
 270B VII MWF, 106NH (3) Christensen  
 277 VIII, IX Th, 405MurH (2) Emery  
 279 IX, X M, 103NH (Ar)  
 280 I TThS, 106NH (3) Kidneigh  
 282 IV, V T, IV S, 106NH (3) Konopka  
 283 Ar (3) Konopka  
 289 Ar Konopka  
 293 Ar (3)  
 299 VI, VII Th, (Ar)  
 300 Ar

## SPEECH

- 1—1, II TThS, 306F (3)  
 —2, IV MWF, 205F (3)  
 —3, VI MWF, 11F (3)

- 2—1, II MWF, 311½F (3)  
 —2, III MWF, 124F (3)  
 —3, IV MWF, 153TSF (3)  
 —4, VII MWF, 3F (3)  
 —5, VIII MWF, 101F (3)  
 —6, II TThS, 11F (3)  
 3—1, I MWF, 316F (3)  
 —2, II MWF, 11F (3)  
 —3, III MWF, 11F (3)  
 —4, IV MWF, 103TSF (3)  
 —5, VI MWF, 207TSF (3)  
 —6, VII MWF, 153TSF (3)  
 5—1, III MTWThF, 321F (5)  
 —2, IV MTWThF, 124F (5)  
 —3, VIII MTWThF, 311F (5)  
 6—1, IV MTWThF, 124F (5)  
 —2, VI MTWThF, 322F (5)  
 —3, VII MTWThF, 11F (5)  
 31 II TThS, 19Mu (3) Thompson  
 33—1, I MWF, 19Mu (3) Turner  
 —2, II MWF, 19Mu (3) Whiting  
 —3, I TThS, 19Mu (3)  
 51 II MWF, 305F (3)  
 57 VII MWF, 311½F (3) Gilkinson  
 61 VI MWF, 308F (3) Bryngelson  
 65 II MWF, 302MurH (3) Ziebarth  
 66 III MWF, 302MurH (3) Newgord  
 67 I MWF, 306F (3) Irwin  
 73 IV MWF, 19Mu (3)  
 79 IV TThS, 19Mu (3) Graham  
 82 I TThS, 308F (3) Rarig  
 83—1, IV MWF, 308F (3) Rarig  
 —2, IV MWF, 306F (3) Thompson  
 —3, VI MWF, 306F (3) Bystrom  
 92 III TThS, Scene Shop NH (3) Andrus  
 97 Ar (1 to 3) Rarig, Howell  
 103—1, III MWF, 306F (3) Howell  
 —2, VI MWF, 213F (3) Howell  
 105 III MWF, 311F (3) Rarig  
 106 VII MWF, 302F (3) Howell  
 113 III MWF, 19Mu (3) Whiting  
 117 IV TThS, Ar (1 to 3) Thompson  
 121 II TThS, 305F (3) Gilkinson  
 131 VI MWF, 305F (3) Gordon  
 143 VII MWF, 306F (3) Irwin  
 155 II MWF, 306F (3) Hedgecock  
 163 VI T, VI, VII Th, 306F (3) Henrikson  
 166 VIII WF and Ar 406F (3) Bryngelson  
 176 VII T, VI, VII Th, Ar (3) Whiting  
 183 Ar Rarig, Bryngelson, Gilkinson, Howell,  
 Whiting  
 186 IX, X W, 311½F (3) Bentley  
 201 Ar  
 209 Ar Howell  
 213 VIII-IX Th, 10Mu (Ar) Thompson  
 223 Ar Rarig  
 233 Ar Gilkinson  
 263 Ar Bryngelson  
 293 Ar Rarig, Bryngelson, Gilkinson, Whiting

## ZOOLOGY

- 3—1, Lect. II TTh, BoAud (4) Minnich  
 —2, Lect. IV WF, BoAud (4) Wodsedalek

## CLASS SCHEDULE

—3, Lect. VII TTh, BoAud (4) Olson	120 VI, VII, VIII TTh, 15Ad(UF) (3) Hodson
—4, Lect. VIII WF, BoAud (4) Dawson	127 Lect. I TTh, 211Z (3) Mickel
—1, I, II MF, 101Z	Lab. I, II, III S, 402Z
—2, III, IV MF, 101Z	146 VII, VIII, IX TTh, 208Z (3) Wallace
—3, V, VI MF, 101Z	150 II, III, IV TTh, 209Z Ringoen
—4, VII, VIII MF, 101Z	175 IX MWF, 211Z (3) Reed
—5, IX, X MF, 107Z	180 III, IV MWF, 313Z (3) Ringoen
—6, I, II TTh, 107Z	199 Ar (5 or more)
—7, III, IV TTh, 101Z	102 Ar
50 Lect. III TThS, 211Z (5) Steinbach	203 Ar Mickel
Lab. I, II TThS, 18Z	213 Ar Eddy
53 Lect. VIII MWF, 313Z (5) Eddy	219 Ar Minnich, Steinbach
—1, VI, VII MW, VI, VII, VIII, IX F, S-3Z	223 Ar Schmitt
—2, IX, X MW, VII, VIII, IX, X F, S-3Z	231 Ar Ringoen
58 VII, VIII, IX MW, 307 MNH (3) Warner	235 Ar Ringoen
75 VI, VII, VIII TTh, 204Z (3) Wodsedalek	239 Ar Wodsedalek
83 II MWF, 313Z (3) Reed	243 Ar Osterud
108 III, IV, V TTh, 208Z (3) Osterud	253 Ar Reed
111 III, IV MWF, 211Z (3) Minnich	263 Ar Wallace
119 Lect. VI TTh, 211Z (3) Eddy	293 Ar
Lab. VII, VIII TTh, Hodson	298 Ar

**SCHOOL OF CHEMISTRY**  
INSTITUTE OF TECHNOLOGY

**INORGANIC CHEMISTRY**

- 2 Lect. II TThS, 100C (4) Nebergall  
Quiz VII-VIII Th, 100C  
Lab. I-III W, VIII-X T, ArC
- 7 Lect. II TThS, 325C (5) Johnson  
Quiz VIII-IX Th, 325C  
Lab. I-II M, I-III W, ArC
- 11—1, Lect. VI MWF, 100C (4) Nebergall  
Lab. VII-VIII MW, ArC  
—2, Lect. VI MWF, 225C (4) Pervier  
Lab. VII-IX W, ArC  
—3, Lect. VIII MWF, 225C (4) Lindeke  
Lab. VII-X Th, ArC  
—4, Lect. X MWF, 100C (4) Pray  
Lab. VI-VII MW, ArC  
—5, Lect. VII MWF, 100C (4) Maynard  
Lab. V-VIII Th, ArC  
—6, Lect. VII MWF, 325C (4) Brasted  
Lab. V-VIII Th, ArC
- 12—1, Lect. II MWF, 100C (5) Sneed  
Lab. I-III TTh, ArC  
—2, Lect. II MWF, 410C (5) O'Brien  
Lab. I-III TTh, ArC
- 102 (3) Barber
- 105 VII MWF, 225C (3) O'Brien, Reyerson,  
Maynard
- 107 (3) O'Brien
- 108 (3) Pray
- 110 Heisig
- 136 (1) Ar
- 303 Ar

**ANALYTICAL CHEMISTRY**

- 2 Lect. VI M, 410C (5) Meehan  
Quiz VI F, 410C, 455C, 325C  
—1, Rec. VI W, 111C, 315C, 325C, 455C  
Lab. VII-IX MWF 310C  
—2, Rec. VI W, 115C, 215C  
Lab. I-III TThS, 310C  
—3, Rec. VI Th, 115C, 215C  
Lab. Any 9 hours selected from VI-IX T;  
VII-IX Th; I-IV S, 310C
- 7 Lect. VI T, 410C (4)  
Quiz VI Th, 410C  
Rec. I S, 111C, 215C, 315C  
Lab. VII-IX TTh; II-III S, 310C
- 98 (5) Kolthoff, Sandell, Meehan
- 102 VI-IX MWF, 310C (5) Meehan
- 103 (3) Sandell
- 108 (2 or 3) Sandell
- 109 (3) Peck
- 127 (2 or 3) Meehan
- 133 Ar (2)
- 134 Ar (2)
- 137 IV T, 315C (1) Kolthoff

- 138 (3)
- 203 (3) Kolthoff
- 303 Ar Kolthoff, Sandell, Meehan

**ORGANIC CHEMISTRY**

- 62—1, Lect. IV MWF, 100C (4) Koelsch  
Lab. Conf. V T, 410C  
Quiz IV T, 410C, 325C  
—1, VI-IX W, 390C  
—2, VI-IX Th, 390C  
—3, I-IV Th, 390C  
—4, I-IV S, 390C  
—5, VI-IX F, 390C  
—2, Lect. IV TThS, 100C (4) Dodson  
Lab. Conf. IV M, 455C, 225C  
Quiz IV W, 455C, 225C  
—1, VI-IX M, 390C  
—2, VI-IX T, 390C  
—3, VI-IX W, 390C  
—4, VI-IX Th, 390C  
—5, VI-IX F, 390C
- 63 Lect. III MWF, 410C (3) Parham  
Quiz III Th, 410C
- 64 Lab. Conf. III S, 410C  
—1, II-IV, VI-VIII T, 390C  
—2, VI-VIII TTh, 390C
- 98 (5) Ar
- 107 IV MWF 325C (3) Smith
- 130 Ar. (3) Lauer
- 139 (2 to 5) Arnold
- 143 I MWF, 215C (3)
- 203 (1)
- 303 Ar

**PHYSICAL CHEMISTRY**

- 98 Ar (5)
- 103 Lect. IV MWF, 410C (3) MacDougall,  
Livingston, Lipscomb  
Rec. IV S
- 106—1, Lect. VI M, 325C (1 or 2) Livingston,  
Lipscomb  
Lab. VII-VIII, M, VI-VIII W, 190C  
—2, Lect. VI Th, 325C (1 or 2)  
Lab. VI-VIII T, VII-VIII Th, 190C  
—3, Lect. VI M or VI Th, 325C (1 or 2)  
Lab. VI-VIII F, II-III S, 190C
- 118 II TThS, 225C (3) Lipscomb
- 131 IV MWF, 111C (3) Reyerson
- 134 Ar Reyerson
- 203 II MWF, 225C (4)
- 209 (3) Ar
- 213 Ar
- 216 (3) Crawford
- 223 (1) Reyerson
- 252 Ar (1)
- 254 Ar (3)
- 303 Ar



# COLLEGE OF EDUCATION

## EDUCATION

- 51A—1, I MWF, 111Pt (3) Miller  
—2, III TThS, 111Pt (3) Van Wageningen  
51B—1, I MWF, 200Pt (3) Beck  
—2, I MWF, 202Pt (3) Cary  
—3, III MWF, 111Pt (3) Eckert  
—4, III MWF, 111Bu (3)  
—5, VII MWF, 202Pt (3) Anderson  
51C—1, IV MWF, 200Pt (3) Grim  
—2, I TThS, 200Pt (3) Anderson  
71C III MWF, 200Pt (5) H. Johnson  
—1, I, II TTh, 202TNUH  
—2, III, IV TTh, 202TNUH  
81 III MWF, 214MH (3) Grout  
W Ar Grim

## AGRICULTURAL EDUCATION

- 1 Ar (1) Field  
81 IV MWF, 301Hr (3) Field  
82 III MWF, 301Hr (3) Field  
91 Ar (6)  
104 III TTh, 301Hr (2) Field  
199 Ar Field, Peterson  
221 Ar (3) Field, Peterson  
232 Ar (3 to 9) Field, Peterson  
291 Ar Field, Peterson

## ART EDUCATION

- 16 Lect. IV T, JAud (3) Gayne and others  
Lab. III T, III, IV Th 109J Gayne  
19 Lect. IV T, MNHAud (3) Gayne and others  
—1, I-II TTh, 109J Gayne  
—2, VI-VII MW, 109J Gayne  
88 Ar MF, (4)  
155 VIII-IX WF, 109J (3) Torbert  
156 IX-X T, 104J (3) Lien  
184 VII TTh, 109J (3) Gayne  
284 Ar  
295 Ar

## CURRICULUM AND INSTRUCTION

- 61 VI MWF, 200Pt (3) Wesley  
65 VI TTh, 200Pt (2) Schrupp  
104 IX-X T, 101NH (2) Nolte  
107 III MWF, 302MurH (3) Tyler  
114 I TThS, UHS (3) Starr  
117 I-II S, 101NH (3) Archer  
122 I-II S, UHS (2) Smith  
129 VIII-IX M, UHS (2) Pearce, Griffiths  
130 VIII-IX W, 111Pt (2) Fuller  
135 III-IV S, UHS (2 or 3) Dugan  
139 IX-X Th, and 1 hr ar, 112TNUH (3) Meyer  
145 I-II S, and 1 hr ar, UHS (3) Bond  
157 Ar, 220Bu (3) H. Johnson  
170B I-II S, and 1 hr ar, 109Psy (3) Bossing  
171 Ar, (2 to 6) Bossing, Cook, Archer  
173A III-IV S, UHS (3) Cook  
173B III-IV S, and 1 hr ar, 109Psy (2) Bossing

- 176 VIII WF, and ar, 109Psy (3) Bryngelson and staff  
191 I-II S, (2) D. Johnson  
199E Ar Grim  
201 IX-X T, 226Bu (3) Wesley  
205 Ar Wendt  
207 Ar (1 to 3) Tyler  
215 Ar Grout  
216 Ar Grout  
217 Ar Grout  
222 IX-X W, 200Pt (with or without cr) Bossing, P. Johnson, Smith, Wesley  
225 Ar Boardman  
226 IX-X Th, 106UHS, Bond, H. Johnson, Cook, Archer  
227 Ar Archer  
228 Ar Peik, Cooper, Anderson, Eckert  
238 Ar 107TNUH (3, 6, or 9) Meyer  
252 I-II S, and 1 hr ar, 107NH (3) Eckert  
261 Ar, 220Bu (3) H. Johnson  
263 III-IV S, UHS (3) H. Johnson  
266 IV MWF, 103TNUH (3) Boardman  
271—1, Ar (2 or 3) Bossing, Cook, Archer  
—2, IX-X M, UHS (3) for UHS Staff members only, Stout  
273 Ar (2 to 9) Bond  
293 IX-X F, 221Bu and 1 hr ar (3) P. Johnson  
296 IX-X M, 221Bu (Ar) Smith

## EDUCATIONAL ADMINISTRATION

- 210 I MWF, 213TNUH (3) Neale  
218 IX-X W, 221Bu (Ar) Boardman, Bossing  
226 I, II T, I Th, 157TSE (3) Neale  
228 Ar (1 or 3) 224Bu Neale  
235 Ar 224Bu (Ar) Neale  
265 III MWF, 202TNUH (3) Boardman  
270 Ar Boardman, Bossing

## EDUCATIONAL PSYCHOLOGY

- 60 II MWF, 111Pt (3) Van Wageningen  
115 IX-X W, 109Psy (2) Van Wageningen  
120 VII MWF, 200Pt (3) Cook  
142 VII MWF, 111Bu (3) Bond  
150 V W, and ar, 213TNUH (2 to 6) Bond  
158 III MWF, 206Pt (3) Edwards  
159 III MWF, 109Psy (3) Wrenn  
184 II TTh, 109Psy (2) Van Wageningen  
218 II MWF, 200Pt (3) P. Johnson  
221 IX-X T, 109Psy (2) Van Wageningen  
226 IV MWF, 213TNUH (3) Wrenn  
233 VI-VII W, 111Pt (ar) Edwards, Wrenn, Dugan  
240 Ar 216Bu (2) P. Johnson  
243 Ar 216Bu (2) P. Johnson  
253 Ar Miller, Bond, Cook, Anderson, Van Wageningen  
254 III-IV S, 1 hr ar, 111TSE (3) P. Johnson  
281 Ar (2-3) Edwards, Wrenn, Dugan, Hagenah  
292 III MWF, 213TNUH (3) Miller  
294 IV TThS, 200Pt (3) Anderson

## HISTORY AND PHILOSOPHY OF EDUCATION

- 71 IV MTWThF, 109Psy (5) Alexander
- 76 VII MWF, 109Psy (3) Beck
- 110 IX-X Th, 111Pt (3) Cary
- 131 IX-X M, 111Pt (3) Beck
- 155 VI MWF, 213TNUH (3) Alexander
- 180 VII TTh, 206Pt (3) Cary
- 181 I-II S, UHS (3) Cary, Beck
- 241 Ar Wesley, Alexander

## HOME ECONOMICS EDUCATION

- 91 VIII MWF, IX M, 114HE (5) Rose, Kafka
- 92 VII TTh, 114HE (2) Rose, Kafka
- 93 Ar (2) Rose
- 94 Ar (2) Kafka, others
- 192 VIII TTh, 213HE (2 or 3) Arny
- 194B VIII TTh, III-IV S, 114HE (3) Ford
- 243 III-IV S, 114HE (3) Rose
- 292 VI MWF, 114HE (3) Arny
- 293 Ar (1 to 9) Arny, Rose
- 295 IX Th, 114HE, Arny, Rose

## INDUSTRIAL EDUCATION

- 7 II,III,IV TTh, 201TNUH (3) Ledbetter
- 10 VII, VIII MWF, 15TNUH (3) Nelson
- 11 I,II,III,IV S, 6A Pt (2) La Berge
- 12 VI,VII,VIII TTh, 15TNUH (3) Kavanaugh
- 44 IX,X M, 202TNUH (2) Widdowson
- 50ABC Ar (2) Nelson
- 66 IX, X Th, 202TNUH (2) Smith
- 101 II MWF, 202TNUH (3) Micheels
- 105 I MWF, 202TNUH (3) Smith
- 109 IX, X T, 202TNUH (2) Widdowson
- 115 III,IV S and 1 hr ar, 202TNUH (3) Micheels
- 135 IV MWF, 202TNUH (3) Micheels
- 172 I,II S, and hrs ar, 202TNUH (3) Smith
- 200 Ar, (3, 6, or 9) Smith, Micheels

## METHODS AND DIRECTED TEACHING

- 51B III MWF, and 1 hr ar, 12MeS (4) Harrington, Boyle
- 52 Ar
- 53B Ar (5 to 8) Bond
- 54A Ar (3) Staudenmaier
- 54B Ar (5)
- 54C Ar (3 to 5)
- 58 VIII MTWThF, 200Pt (5) Peterson
- 66B VI-VII T, 202TNUH (2) Smith
- 66C VIII TTh, and 6 hrs ar, 115Psy (3) Brink
- 67C VIII TTh, and 6 hrs ar, 111Pt (3) D. Johnson
- 68C IX MW, and 6 hrs ar 110UHS (3) P. Johnson
- 70C IX MW, and 6 hrs ar, 109UHS (3) Birkmaier

- 71C IX MW, and 6 hrs ar, 109UHS (3) Birkmaier
- 73C IX MW, and 6 hrs ar, 111Bu (2) Price
- 77A IX M, and 15 hrs ar, 200Pt (4) Fuller
- 77B IX M, and 15 hrs ar, 200Pt (4) Fuller
- 77C IX M, and 15 hrs ar, 200Pt (4) Fuller
- 82 IX MW, 110 UHS, (2) Odland
- 84C Ar (2) Rickman
- 85C Ar (1 cred. for minors, 2 cred. for majors) Rickman
- 88C VIII TTh, and 6 hrs ar, 111Bu (3) Brink

## MUSIC EDUCATION

- 6 I MTWF, 4NMA (2) Prescott
- 53 III MWF, 4Mu (3) Winslow
- 62 IX-X W, and 6 hr ar, 4Mu (3) Winslow
- 64 VI MWF, 4NMA (3) Prescott
- 65 II TThS, 104Mu (3) Ivory
- 68 I-II MWF, 104Mu (4) Ivory
- 104E IV MWF, 4Mu (3) Winslow
- 224E Ar (2 to 6) Winslow, others
- 225E Ar (2 to 4)

## NURSING EDUCATION

- 28 Ar (3)
- 29B Ar (6)
- 33B Ar (6)
- 34B Ar (6)
- 37B Ar (6)
- 40B Ar (6) Weise
- 46B Ar (12)
- 47B Ar (21½)
- 52B Ar (6)
- 57B Ar (11)
- 60 V MWThF, 113MeS (4) Randall
- 65 VII,VIII TTh, 111MeS (4) R. Harrington
- 67 VI F and Field, 108TSB (6) Randall
- 68 IV MWF, 104IA (3) Johnston
- 69 IV MWF, 304IA (3) Randall
- 71 VI MWF, and 1 hr ar, 15MeS (3) Harrington
- 72 VIII T, VIII,IX Th, 113MeS (3) Boyle

## PHYSICAL EDUCATION FOR MEN

- 4C VII-VIII TTh, 215CH (1) MacMillan, Kelly, Svendsen
- 5C III-IV TTh, 215CH (1) Ostrander, Chisholm, Mohr
- 6C V MWF, Pool CH (1) Thorpe, Ostrander
- 7C II-III TTh, Gym CH (1) Piper, Bartelma, Ostrander, Chisholm
- 8 VI MWF, 214CH (1) Brain, Bolstad
- 9B V, VI T, VI Th, GymCH (1) Piper, Bell
- 11C V M, and 2 hr ar, 205CH (1) Fitzgerald
- 23C V F, and 2 hr ar, 205CH (1) Fitzgerald
- 32 I MWF, 205CH (3) Bartelma
- 58 VII MWF, 205CH (3) Fitzgerald
- 59 I MWF, 214CH, (2) Osell

60 III TThS, 205CH (3) Stein  
 63 III MWF, 214CH (3) Piper  
 64B IX-X F, 214CH (2) Thompson  
 67 II TThS, 205CH (2) Bierman  
 69 VI TTh, 215CH (2) Kelly  
 75 V M, and 5 hr ar (2) Piper  
 79 VII MW, 214CH (2) Osell, Ostrander  
 103 VI MWF, 205CH (3) Osell, Hauser  
 112E VI MWF, 215CH (8) Fitzgerald  
 116E IV MWF, 214CH (3) Fitzgerald  
 135 I MWF, 215CH (3) Keller  
 199E Ar  
 234 II MWF, 214CH (3) Nordly  
 242 II TThS, 214CH (3) Fitzgerald  
 250 IV MWF, 214CH (3) Nordly  
 261 Ar Nordly, Haislet

### PHYSICAL EDUCATION FOR WOMEN

21C—9, III MW, 60NGW, IV T, 201NGW (½)  
 —10, VII TTh, 60NGW (½)  
 —11, VIII TTh, 58NGW (½)  
 —12, VI TTh, 151NGW (½)

26 VI MW, 201NGW (1)  
 41C—13, VI TTh, 60NGW (½)  
 —14, VIII TTh, 60NGW (½)  
 —15, VI MWF, 58NGW (1)  
 —16, II TTh, 151NGW (½)  
 —17, III TTh, 60NGW (½)  
 54 VIII MW, and 1 hr ar, 201NGW (2)  
 57B III TThS, 58NGW (2) Larson  
 60—1, II TThS, 201NGW (3)  
 —2, VII MWF, 201NGW (3)  
 61C II MWF, 60NGW, IV T, 201NGW (3)  
 Rugh  
 65A I TThS, 60NGW (2) Jaeger  
 66 VI MWF, 153NGW (1) Jaeger  
 73A I MWF, 153NGW (3) Bockstruck  
 88 VIII TTh, and 1 hr ar, 151NGW (2)  
 90C Lect. II TTh, 3NGW, Lab. IV T, 201NGW  
 (8) Starr  
 95 II MWF, 3NGW (3) Baker  
 112E 3:00-4:30 TTh, 3NGW (3) Baker  
 114E I TThS, 201NGW, (3) Starr

# COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

## AGRICULTURAL BIOCHEMISTRY

- 1 II MTWThF, 107 En (5) Mann
- 5 I TThS, 102Hr (3) Siminovitch
- 6 II MWF, 116 SnH (3) Schultze
- 103 Lect. VI MWF, 113 SnH (3) Jenness  
Lab. VII, VIII, IX MWF, 102SnH (3)
- 105 I MWF, 102 Hr (3) Siminovitch
- 106 II MWF, 116SnH (3) Schultze
- 108 IV MWF, 113SnH (3) Geddes
- 110 VI, VII, VIII, IX MWF, 102SnH (3-5)  
Geddes, Bottomley
- 117 Ar 314SnH (3) Kennedy
- 118 Ar (3-5)
- 122 II MWF, 113SnH (3) Briggs
- 123 III MWF, 113 SnH (3) Sandstrom
- 132 VI, VII, VIII MW, 208SnH (2) Briggs
- 133 VI, VII, VIII TTh, 202SnH (2) Sandstrom
- 203 Ar (2-5)
- 205 Ar 314 SnH (1-3)
- 208 Ar 314SnH (1) Geddes
- 212 Ar (3) Schultze
- 224 Ar 113SnH (1)

## AGRICULTURAL ECONOMICS

- 2-1, I MTWThF, 109HH (5) Lowe
- 2, I MTWThF, 301Ad (5) Halvorson
- 3, III MTWThF, 210 HH (5) Lowe
- 4, III MTWThF, 100HH (5) Halvorson
- 3 II MTWThF, 109HH (5) Lowe
- 8 III TThS, 311HH (3) Jenness
- 40 II MWF, 312HH (3) Cox
- 47 Lect. IV MWF, 311HH (4) Koller  
Lab. VIII, IX F
- 80 I TThS, 312HH (3) Engene
- 103 II TThS, 100HH (3) Pond
- 104 III MWF, 312HH (3) Pond
- 107 VIII, IX MWF, 312HH (3) Engene
- 126 I TThS, 100HH (3) Waite
- 135 III TThS, 312HH (3) Waite
- 142 III MW, 311HH (2) Cox
- 150 2:30-4:00 p.m. TTh, 312HH (3) Koller
- 172 1:30-3:00 p.m. MWF, 312HH (3) Dowell
- 226 Ar (3) Pond
- 270 Ar (3) Dowell

## AGRICULTURAL ENGINEERING

- 3 III-IV MWF, 303En (3) Otis
- 6 VI, VII, VIII, IX TTh, 303, 41, 48En (4)  
Otis, Christopherson
- 12 II MWF, 217En (3) Schwantes
- 14 VI, VII M, VI, VII, VIII WF, 37, 49,  
216En (4) Torrance, Johnson
- 18 Lect. VI TTh, 216En (3) Torrance  
Lab. VII-VIII TTh, 37En
- 19 Lect. VI T, 217En (3) Allred  
Lab. VII, VIII, IX TTh, 305En Manson
- 20 Lect. VI M, 217En (3) Manson, Allred  
Lab. VII, VIII, IX MF, 305En
- 21 Lect. V M, 105En (5) Manson  
Lab. VI, VII, VIII, IX MWF, 305En

- 35-1, Lect. I MWF, 101En (5) Hustrulid
- 2, Lect. III TThS, 101En (5) Hustrulid
- 1, Lab. I, II TTh, 102En, Hustrulid
- 2, Lab. VI, VII MF, 102En, Tyler
- 3, Lab. VI, VII TTh, 102En, Tyler
- 4, Lab. VIII, IX MF, 102En, Tyler
- 5, Lab. VIII, IX TTh, 102En, Tyler
- 37 I MWF, 103En (3) Tyler
- 41 I, II MWF, 20, 106En (3) Dent
- 42 VI, VII, VIII WF, 20, 106En (3) Dent
- 43 I, II, III, IV S-2 hrs. ar, 20, 106En (3)  
Dent
- 53 Lect. II TS, 303En (3) Otis  
Lab. III, IV TS, 303En
- 72 Lect. III MF, 101En (3) Hustrulid  
Lab. VI, VII, VIII, IX W, 5, 6En
- 73 Lect. II MF, 105En (3) Strait  
Lab. VI, VII, VIII, IX Th
- 103 Ar 305En (2-6) Manson
- 113 Ar 303En (2-6) White, Otis, Christopherson
- 114 Ar (3) Otis, Christopherson
- 123 Ar (2-6) Schwantes, Hustrulid, Strait
- 124 Ar 105En (3) Schwantes
- 125 Ar 101En (3) Hustrulid
- 203 Ar 305En (2-6) Manson
- 213 Ar 303En (2-6) Otis, Christopherson
- 223 Ar (2-6) Schwantes, Hustrulid, Strait

## AGRICULTURAL JOURNALISM

- 55 I TThS ar (3)

## AGRONOMY AND PLANT GENETICS

- 1 IV MWF, 202Ag (3) Dunham
- 22 I, II MWF, 201Ag (3) Lambert
- 122 I, II MWF, 201Ag (3) Lambert
- 133 VI, VII MWF, 201,202Ag (4) Schmid
- 134 Ar 408Ag (2) Staff
- 201 Ar (3-9) Dunham, Schmid
- 241 Ar Wilcox, Hayes, Rinke, Thomas
- 242 VIII, IX F, 408Ag (1)

## ANIMAL AND POULTRY HUSBANDRY

### *Animal Husbandry*

- 1 II MTWThF, CSt (4) Harvey
- 5 III, IV MWF, CSt (3) Harvey
- 52 VI, VII, VIII TTh, MSh (3) Anderson
- 107 Lect. IV TS, MSh (3) Anderson  
Lab. VI, VII, VIII F, MSh
- 113 VI, VII, VIII MW, 3St (3) Peters

### *Poultry Husbandry*

- 1 IV MTWF, 230TSH (4) Canfield
- 51 Lect. VII TTh, 135 TSH (3) Canfield  
Lab. VIII TTh
- 202 Ar (3) Winters
- 203 Ar 3St (3) Green
- 205 Ar 3St (2) Winters
- 207 Ar 3St (3) Ferrin
- 210 Ar 3St (1) Peters

- 212 Ar MSh (3-9) Anderson  
 213 Ar (3-9) Peter, Ferrin, Winters, Harvey  
 214 Ar (3-9) Sloan, Canfield, Shoffner  
 215 Ar (3-9) Sloan

## DAIRY HUSBANDRY

- 1 III MWF, 107En (3) Combs, Norris  
 4 Ar 110HH (3) Combs  
 9 VI, VII, VIII F, DCB (1) Gilmore  
 10 Ar 22HH (1) Coulter  
 20 VI MF, VI, VII W, 100HH (4) Olson  
 51 IV MW, VI, VII, VIII Th, 210HH (3) Olson  
 112 IV TS, VI, VII, VIII T, 1, 210HH (3) Combs, Thomas  
 113 I, II, III TTh, 102HH (3) Coulter, Olson  
 115 Ar 212HH (3) Olson  
 116 I MWF, 210HH (3) Petersen  
 117 Ar 210HH (3) Gilmore  
 204 Ar 214HH, Fitch, Petersen, Gullickson, Gilmore  
 207 Ar 214HH, Combs, Coulter  
 214 Ar Macy, Olson

ENTOMOLOGY AND  
ECONOMIC ZOOLOGY

- 5 Lect. VIII MWF, 102Hr (5) Milliron  
 —1, Lab. VI, VII MWF, 302Ad  
 —2, Lab. IX, X MWF, 302Ad  
 21 VI, VII, VIII MWF, (3 or 5) Haydak  
 114 Lect. I MW, 307Ad (3) Haydak  
 Lab. 2 hrs ar  
 119 VI, VII, VIII TTh, 211Z (3) Eddy  
 120 Lect. VI TTh, 307Ad (3) Hodson  
 Lab. VII, VIII TTh, 15Ad  
 127 Lect. I TTh, 211Z (3) Mickel  
 Lab. I, II, III S, 402Z  
 140 Lect. VI TTh, 8Ad (4) Richards  
 Lab. VII, VIII, IX TTh, 8Ad  
 146 VII, VIII, IX TTh, 208Z (3) Wallace  
 150 Ar 302Ad (3) Granovsky  
 166 Lect. III TTh, 100Ad (3) Marshall  
 Lab. I, II, III S, 100Ad  
 167 Given at Cloquet (3) Marshall  
 170 I MWF, 100Ad (3) Smith  
 177 Lect. VI MWF, 18Ad (5) Cutkomp  
 Lab. VII, VIII, IX WF, 18Ad  
 197 Ar (5 or more)  
 201-204 Ar Mickel  
 205-208 Ar Granovsky  
 209-212 Ar Granovsky  
 213-216 Ar Hodson  
 217-220 Ar Hodson  
 221-224 Ar Cutkomp, Granovsky, Hodson  
 225-228 Ar Richards  
 229-232 Ar Richards  
 233-236 Ar Marshall  
 237-240 Ar  
 261-264 Ar Burroughs  
 265-268 Ar Richards  
 269-272 Ar Haydak

## FORESTRY

- 4 Lect. II MWF, AudGH (4) Rees  
 Lab. VI-VII-VIII ar  
 9 Lect. IV MW, AudGH (3) Brown  
 —1, Lab. VI, VII, VIII M, 206GH  
 —2, Lab. VI, VII, VIII W, 206GH  
 —3, Lab. II, III, IV S, 206GH  
 10 VI MWF, AudGH (3) Hansen and Duncan  
 49 III-IV TS, 211GH (2) Rees  
 111 VI, VII, VIII, IX T, 206GH (3) Brown  
 112 VI, VII, VIII, IX Th, 206GH (3) Brown  
 116 VI, VII, VIII MW, 211GH (3) Rees  
 119 Lect. IX T, 209GH (4) Kaufert  
 Lab. VI, VII, VIII TTh  
 120 IV MWF (3)  
 125 III TThs, 201GH (3) Kaufert  
 128 given at Cloquet (6) Schantz-Hansen  
 132 given at Cloquet (6)  
 142 II MWF, 202GH (3) Hossfeld  
 151 V MWF, 203GH (3) Zivnaska  
 152 I TThs, 201GH (3) Rees  
 157 Ar (2)  
 159 (1)

## HOME ECONOMICS

- 1 II MWFS, 313HE (4) Bayor  
 3—1, III, IV MWF, 304HE (3) Milner  
 —2, VI, VII, VIII TTh, 304HE (3) Milner  
 4 VI, VII MWF, 304HE (3) Milner  
 6 Ar Cafeteria (3) Dunning  
 10 II TTh, 203HE (2) McNeal and others  
 14 VIII MTWThF, IX TTh 5UHS (5) MacKenzie  
 15 III MWF, 206WeH (3) Esteros  
 17—1, IV MWF, 213HE (3) Studley  
 —2, V MWF, 213HE (3) Studley  
 20—1, II MWFS, 203HE (4) Myren  
 —2, III MTWTh, 203HE (4) Weesner  
 21—1, II, III MWF, 402HE (3) Rasmussen  
 —2, VII, VIII, IX 402HE (3) Myren  
 22—1, VI, VII MWF, 112HE (3) Weesner  
 —2, VI, VII, VIII TTh, 112HE (3) Walter  
 24—1, II, III MTWF, 401HE (5) Paulsen  
 —2, IV, V MTWF, 401HE (5) Myren  
 25 III, IV TThs, 110HE (3) Rasmussen  
 27 VI, VII, VIII TTh, 401HE (3) Weesner  
 31—1, III MWF, 213HE (3) Gibler  
 —2, VI MWF, 203HE (3) Nymon  
 34 II MTWTh, 102Hr (4) Nymon  
 40—1, III, IV MTWThF, 103HE (5) Francis  
 —2, VI, VII MTWThF, 103HE (5) Nelson  
 —3, VIII, IX MTWThF, 103HE (5) Nelson  
 41—1, III, IV MTWF, V TF, 207HE (5) Nelson  
 —2, III, IV MTWF, V MW, 105-106HE (5) Trammell  
 —3, VII, VIII MTThF, IX TTh, 207HE (5) Trammell  
 45 Lect. V TTh, 213HE (6) Ames  
 —1, Lab. 8:00-11:00 am, Cafeteria  
 —2, Lab. 8:00-11:00am, Cafeteria  
 46 Lect. III W, Cafeteria (3) Dunning  
 —1, Lab. IV, V MF, Cafeteria  
 —2, Lab. IV, V TTh, Cafeteria

- 50—1, III, IV MWF, 307HE (3) Gorham
- 2, III, IV TThS, 307HE (3) Bayor
- 53 VI, VII MWF, 305HE (3) Gorham
- 54 V, VI, VII TTh, 305HE (3) Gorham
- 56B VI, VII MWF, 402HE (3)
- 65 Lect. III ThS, 313HE (3) Dunning  
Lab. III, IV T, 313HE
- 79 II MWF, 213HE (3) Biester
- 85 VII MWF, VIII M, 203HE (4) Jeary
- 86—1, I and other hours, Home Management  
House (4) Studley
- 2, I and other hours, Home Management  
House (4) Jeary
- 120 VIII MWF, 313HE (3) Esteros
- 142 VI, VII, VIII TTh, 107HE (3) Turnbull
- 146 VI, VII, VIII MW, 107HE (3) Turnbull
- 171 Lect. III MW, 110HE, III F ar (3)  
Leichsenring  
Lab. IV, V ar
- 173 Lect. II TThS, 213HE (4) Gibler  
—1, Lab. VI, VII F, 105HE  
—2, Lab. VIII, IX F, 105HE
- 177 VI, VII, VIII, MW, 307HE (3) Leichsenring
- 178 Lect. V M, 313 HE (2) Gibler  
—1, Lab. VI, VII, VIII T, U Hosp.  
—2, Lab. VI, VII, VIII Th, U Hosp.
- 179 IV MW, 106HE (2) Nymon
- 180 VI, VII, VIII MW, VI, VII F, 401HE (5)  
Paulsen
- 209 Ar (1) Phelps
- 279 Ar (1) Biester
- 296 Ar (1-5) Noble, Rose
- 299 Ar (1) Rose

**HORTICULTURE**

- 10 III MWF, 8Hr (3) Phillips
- 14 VI, VII, VIII T, VI, VII Th, 8Hr (3)  
Longley
- 22 VI, VII, VIII MW, 8Hr (3) Longley
- 32 II MWF, 302Hr (3) Krantz, Hutchins
- 40 VI, VII, VIII, IX F, 8Hr (2) Weir
- 51 VI, VII, VIII T, VI, VII Th, 102Hr (3)  
Phillips
- 192 Ar (2-4) Alderman, staff
- 247 Ar (9 or less)
- 249 Ar Krantz, Currence, Hutchins, Wilcox

**ORIENTATION**

- 1 V M, 107En (1) McFarland

**PLANT PATHOLOGY AND BOTANY**

- 1 VII, VIII, IX MWF, 103, 105PP (5) Moore
- 3 Lect. III Th, 106-107AgrBot (3) Larson  
Quiz IV Th, 106-107AgrBot  
—1, Lab. III, IV T  
—2, Lab. III, IV S
- 10 I MWF, I, II TThS, 103, 105PP (5)  
Christensen
- 51 Ar 104, 106PP (2-5) Christensen
- 53 IV MWF, 106AgrBot (3) Larson
- 107 VI, VII, VIII TTh, 110PP (3 or 5) Dossdall
- 119 VI, VII, VIII TTh, 104, 106PP (3) Mader,  
Moore

- 122 VII, VIII, IX MWF, 103, 105PP (3) Chris-  
tensen, Moore
- 163 Ar 300AgrBot (3) Landon, Stakman
- 205 Ar Stakman and others
- 209 Ar Stakman, Christensen, Dossdall
- 213 Ar 401PP, Stakman
- 217 Ar 103, 106PP, Kernkamp
- 250 Ar Landon
- 253 Ar 300AgrBot, Landon
- 256 Ar Landon
- 262 Ar 401PP, Stakman

**RHETORIC**

- 1-2-3 All students who are registering for Rhetoric for the first time this quarter will meet in Green Hall Auditorium the first period each day for the first week of the quarter. After a week of diagnosis they will be sectioned according to their needs and abilities. All sections will then continue to meet during the first period, but for only three days a week.  
All students who have taken some Rhetoric, but who have not completed their Communications requirement, will meet in room 107 Agricultural Engineering the first period of the first Monday of the quarter where sections will be assigned.
- 22—1, II MWF, 311En (3) Woods
- 2, III MWF, 311En (3)
- 3, IV MWF, 312En (3) Laird
- 4, VII MWF, 312En (3) Lafer
- 5, II TThS, 312En (3) Laird
- 6, III TThS, 312En (3) Hagen
- 7, IV TThS, 120TSA (3) Woods
- 31 III MTWThF, 308En (5) Thurston
- 32 II TThS, 110TSA (3) Humphrey
- 33 II MWF, 307En (3) Seidenkranz
- 34 IV F, 217En (1) Brown
- 51—1, IV MWF, 308En (3) Thurston
- 2, III TThS, 110TSA (3) Humphrey
- 3, IV TThS, 307En (3) Seidenkranz
- 54—1, II MWF, 120TSA (3) Laird
- 2, II TThS, 120TSA (3) Drake
- 59 III TThS, 120TSA (3) Drehr
- 60 IV MWF, 311En (3) Woods

**SOILS**

- 5 II TThS, 204So (3) Rost
- 104 VI, VII, VIII, IX, X TThS, 201, 204So (3)  
McMiller
- 109 IV MWF, 204So (3) McMiller
- 202 ar (2-5)
- 203 ar 101aSo (1) Rost
- 208 II TThS, 204So (3) Rost

**VETERINARY MEDICINE**

- 52 I TThS, 103 Ve (3) Boyd, Kernkamp
- 201 Ar Boyd, Kernkamp, Fenstermacher, Pomeroy
- 205 Ar Boyd, Kernkamp, Fenstermacher, Pomeroy
- 209 Ar Boyd, Kernkamp, Fenstermacher, Pomeroy
- 213 Ar Boyd
- 217 Ar (1)
- 230 Ar

# SCHOOL OF BUSINESS ADMINISTRATION

## ECONOMICS

- 3 Lect. III TTh, BuAud (5) Stehman and others
- 1, I TThS, 205VH
  - 2, II MWF, 205VH
  - 3, II TThS, 205VH
  - 4, III MWF, 205VH
  - 5, III MWF, 203TSV
  - 6, IV MWF, 115VH
  - 7, IV TThS, 207TSV
  - 8, V MWF, 207VH
  - 9, VI MWF, 257TSF
  - 10, VII MWF, 205VH
  - 11, VIII MWF, 205VH
  - 12, IX MWF, 205VH
- 5 Lect. II T, BuAud (5) Kozelka and others
- 1, I MWThF, 207TSV
  - 2, I MWThF, 209TSV
  - 3, II MWThF, 207TSV
  - 4, II MWThF, 209TSV
  - 5, III MWThF, 207TSV
  - 6, IV MWThF, 221VH
  - 7, V MWThF, 1VH
  - 8, VI MWThF, 115VH
  - 9, VI MWThF, 209TSV
  - 10, VII MWThF, 115VH
  - 11, VIII MWThF, 221VH
  - 12, IX MWThF, 221VH
- 7 Lect. I MW, NMA (5) Upgren and others
- 1, I TThS, 221VH
  - 2, II MWF, 115VH
  - 3, II TThS, 115VH
  - 4, III MWF, 115VH
  - 5, III TThS, 115VH
  - 6, IV TThS, 113VH
  - 7, V MWF, 221VH
  - 8, VI MWF, 207TSV
  - 9, VII MWF, 207TSV
  - 10, VIII MWF, 115VH
- 9-1, II MWF, 210VH (3) Filipetti and others
- 2, IV MWF, 207TSV (3)
  - 3, VI MWF, 203TSV (3)
- 22 Lect. I T, CAud (4) Heilman and others
- 1, I MWF, 115VH
  - 2, III TThS, 306VH
  - 3, IV MWF, 307VH
  - 4, IV TThS, 306VH
  - 5, VI MWF, 210VH
  - 6, VII MWF, 203TSV
- 23 Lect. VI T, BuAud (4) Heilman and others
- 1, I MWF, 306VH
  - 2, I TThS, 306VH
  - 3, II MWF, 306VH
  - 4, II TThS, 306VH
  - 5, III MWF, 307VH
  - 6, IV TThS, 307VH
  - 7, V MWF, 307VH
  - 8, VI MWF, 306VH
  - 9, VII MWF, 306VH
  - 10, VIII MWF, 306VH
- 26-1, I MWF, 307VH (3) Heilman and others
- 2, III TThS, 307VH (3)
  - 3, V MWF, 2VH (3)

- 27-1, II MTWThF, 307VH (5)
- 2, VIII MTWThF, 209TSV (5)
- 28 I, MWF, 335EE (3) Palmer
- 30-1, MWF, 420MurH (3)
- 2 II MWF, 420MurH (3)
- 32 VI MTWThF, 209VH (1) Donaldson and others
- 33 IV MTWThF, 209VH (1) Donaldson and others
- 34 IV MTWThF, 211VH (1) Donaldson and others
- 39-1, I MTWThF, 211VH (3) Donaldson and others
- 2, II MTWThF, 211VH (3)
- 42 I MWF, VII-VIII Th, 209VH (3) Donaldson and others
- 50 VIII MWF, 1VH (3) Graves
- 84 I TThS, 113VH (3) Garver
- 99 Ar
- 106 VI MWF, 221VH (3)
- 110 VII MWF, 113VH (3) Garver
- 123 I MWF, 221VH (3) Mudgett
- 126 II MWF, 2VH (3) Myers
- 142-1, I MWF, 207VH (3) Burns
- 2, IV TThS, 207NH (3) Burns
- 3, VII MWF, 207VH (3)
- 149-1, III TThS, 207VH (3) Myers
- 2, IV MWF, 4VH (3)
- 155-1, II MWF, 1VH (3) Stehman
- 2, VI MWF, 4VH (3) Borak
- 3, VII MWF, 1VH (3)
- 161 Lect. I TTh NHAud (3) Childs and others
- 1, I M, 2VH
- 2, II M, 203TSV
- 3, II W, 203TSV
- 4, III S, 205VH
- 5, IV T, 115VH
- 6, IV Th, 115VH
- 7, VI T, 221VH
- 8, VII Th, 221VH
- 9, VIII T, 221VH
- 162 VI MWF, 207VH (3) Hoffman
- 164-1, III TThS, 1VH (3) Hoffman
- 2, I MWF, 106NH (3) Hoffman
- 175-1, II TThS, 1VH (3) Garver
- 2, III MWF, 1VH (3) Boddy
- 3, VII MWF, 4VH (3)
- 176 I MWF, 4VH (3) Blakey
- 178 II MWF, 6VH (3) Canoyer
- 179 VI MWF, 205VH, (3) Vaile
- 193 III MWF, 221VH (3) Blakey
- 206 VIII½-IX TTh, 206VH (3) Vaile
- 209 VII-VIII½ TTh, 206VH (3) Boddy
- 244 VIII½-IX MW, 206VH (3) Upgren
- 251 VII-VIII½ MW, 206VH (3) Yoder

## BUSINESS ADMINISTRATION

- 53 Lect. IV Th, BuAud (3) Neville and others
- 1, TS, 6VH
  - 2, I TS, 207TSV
  - 3, I TS, 209TSV
  - 4, II TS, 6VH
  - 5, II TS, 207TSV

- 6, II TS, 209TSV  
 -7, III TS, 6VH  
 -8, III TS, 207TSV  
 -9, VI TTh, 6VH  
 -10, VI TTh, 207TSV  
 -11, VII TTh, 4VH  
 -12, VII TTh, 207TSV  
 56 I TThS, 207VH (3) Neville  
 57 IV TThS, 2VH (3)  
 58-1, IV MWF, 207VH (3) Blakey  
   -2, IV TThS, 207VH (3) Borak  
   -3, VII MWF, 133Ph (3) Borak  
 61 III TThS, 113VH (3) Graves  
 68 III MWF, 2VH (3) Lewis  
 69 III TThS, 2VH (3) Canoyer  
 70 VI MWF, 2VH (3) Belcher  
 71-1, I MWF, 1VH (3)  
   -2, IV MWF, 1VH (3) Nightingale  
 72 II MWF, 4VH (3) Nightingale  
 76 IV TThS, 6VH, (3) Belcher  
 77 Lect. III M, CAud (3) Vaile and others  
   -1, I WF, 2VH  
   -2, II TTh, 203TSV  
   -3, III ThS, 203TSV  
   -4, IV WF, 203TSV  
   -5, V WF, 113VH  
   -6, VI TTh, 113VH  
   -7, VII TTh, 113VH  
   -8, VIII WF, 2VH  
 86-1, III MWF, 113VH (3) Donaldson  
   -2, VI MWF, 113VH (3) Donaldson  
 88-1, III TThS, 313Z (3) Lewis  
   -2, VII MWF, 2VH (3) Vaile  
 89-1, I TThS, 1VH (3) Filipetti and others  
   -2, II MWF, 325C (3) Filipetti and others  
   -3, III MWF, 4VH (3) Filipetti and others  
   -4, VIII MWF, 133Ph (3)  
 90 III-IV W, 306VH (1) Boehmler  
 91 Lect. VI T, 4VH (1) Boehmler  
   -1, V Th, 307VH  
   -2, VI Th, 307VH  
   -3, VII W, 307VH  
   -4, VIII W, 307VH  
 93-1, VII-VIII M, 307VH (1) Boehmler  
   -2, VII-VIII T, 307VH (1) Boehmler  
   -3, VIII-IX F, 307VH (1) Boehmler  
 94-1, V-VI T, 307VH (1)  
   -2, VII-VIII Th, 307VH (1)  
   -3, VI-VII F, 307VH (1)
- 99 Ar  
 102-1, II TThS, 4VH (3) Boddy and others  
   -2, III MWF, 207VH (3)  
   -3, IV TThS, 1VH (3)  
   -4, VI MWF, 313Z (3)  
 109-1, II TThS, 313Z (3)  
   -2, IV MWF, 2VH (3) Reighard  
 112-1, II TThS, 207VH (3) Mudgett and others  
   -2, III MWF, 225C (3)  
   -3, IV MWF, 2P (3)  
   -4, VIII MWF, 207VH (3)  
 118 Lect. IV M, 213NH (3) Lund  
   -1, VI-VII TTh, 306VH  
   -2, VIII-IX TTh, 306VH  
 130-1, I TThS, 4VH (3)  
   -2, VIII MWF, 113VH (3)  
 133-1, II TThS, 2VH (3) Ostlund  
   -2, IV MWF, 6VH (3)  
 134 VI MWF, 6VH (3) Nelson  
 135 II MWF, 113VH (3) Reighard  
 136 III TThS, 221VH (3) Reighard  
 139 III TThS, 4VH (3)  
 145 IV MWF, 113VH (3) Myers  
 148 III MWF, 6VH (3) Uppgren  
 151-1, II MWF, 207VH (3) Lund  
   -2, VII MWF, 6VH (3)  
 153-1, I TThS, 2VH (3) Ostlund  
   -2, I MWF, 113VH (3)  
 157 VIII-IX-X½ TTh, 207VH (4) Heilman  
 158 I MWF, 6VH (3) Heilman  
 167-1, IV TThS, 4VH (3) Yoder and others  
   -2, VI MWF, 1VH (3) Yoder and others  
 171 Lect. III M, 301VH (3) Immer  
   -1, III-IV W, 301VH  
   -2, III-IV F, 301VH  
 181G VII MWF, 301VH (3) Filipetti  
 182-B, VII MWF, 221 VH (3) Stehman  
   -C, VI-VII½ TTh, 1VH (3) Vaile  
   -D, VII½-VIII TTh, 1VH (3) Yoder  
   -E, VII-VIII T, VI Th, 211VH (3) Donaldson  
   -F, VI½-VII TTh, 205VH (3) Mudgett  
   -G, VIII MWF, 4VH (3) Filipetti  
   -H, IV MWF, 205VH (3) Graves  
   -I, VII-VIII½ TTh, 6VH (3) Nightingale  
 183 Ar  
 184 II MWF, 221VH (3) Filipetti  
 194 IV MWF, 209TSV (3) Longstaff



# MEDICAL SCHOOL

For complete listing of courses see the *Bulletin of the Medical School.*

## ANATOMY

- 1 Lect. I ThS, 304 IA (4) Miller
- 3 Lect. II TThS, 304 IA (5) Frantz
- 60 Lect. IV MWF, 102 IA (6) Hartman
- 103 Lect. VI MTWTh, 102 IA (9) Kirschbaum
- 107 Lect. I MWThF, 15MeS (6) Wells

## BACTERIOLOGY

- 1 Lect. IV MWF, 113MeS (4) Marwin  
Lab. III MWF
- 52 Lect. VI MWF, 12MeS (4½) Hoyer  
Lab. VII,VIII MWF
- 53 Lect. VIII MWF, 15MeS (5) DeKruif,  
Stuhlberg  
Lab. VII,IX MWF
- 102 IV MWF, 15MeS (4) Ziegler
- 114 Lect. VII TTh, III S, 214 MH (4) Skinner  
Lab. VIII TTh, IV S
- 120 VI MWF, 113MeS (3) McLimans
- 123 III TThS, 113MeS (3) Halvorson

## PHYSIOLOGY

- 4 Lect. VIII T, VII,VIII Th, 129MH (4)  
Hemingway  
Conference VII T, 129MH
- 59 Lect. III, IV M, IX F, 111MeS (5) King  
Quiz VI Th, 111MeS  
Lab. II,III,IV T, 301MH
- 60 Lect. IV MWF, II S, 12MeS (6) Lifson  
Conference II T, 12MeS  
Lab. Sec. 1 (Med Tech) VII,VIII,IX F,  
301MH  
Lab. Sec. 2 (5-yr nurses) II,III,IV Th,  
301MH
- 201 V,VI M, 214MH (1) Visscher

## NURSING

- 1 IX T, 111MeS (1) Kitchell
- 12 III MW, 113MeS, Lab ar, (3) Enos
- 14 VI MW, Ar (2) Coe
- 16 II,III,IV TTh, PoHAMph (2) Love
- 19 VI MTWTh, PoHAMph (4) Staff
- 20 IX M, PoHAMph (1) Shey
- 21 VII MW, PoHAMph (2) Erickson
- 25 V W, VII F, PoHAMph (2) Martens
- 41 VIII MWF, PoHAMph (3) Gautefald
- 42 VIII,IX TTh, PoHAMph (3) Robertson
- 45 VIII,IX F, 1326 PoH (2) Love

## PUBLIC HEALTH

- 3—1, VI MW, BuAud (2) Thomson
- 2, VI TTh, NHAud (I.T. students only) (2)  
Thomson

- 4 I TTh, 129MH (2) Thomson
- 50 II MWF, 129MH (3) Thomson
- 51 IV MWF, 129MH (3) Cowen
- 52a VI MW, 313HE (UF) (2) Todd
- 52b—1, VII,VIII T, 01MerH (UF) (1)
- 2, VII,VIII Th, 01MerH (UF) (1)
- 56 VI,VII,VIII TTh, ar (3) Kernan
- 59 VII MWF, 129MH (3) Grout, Thomson
- 60 IV TS, 129MH (2) Myers
- 62 III MWF, 129MH (3) Taylor
- 63 IV MWF, ar (3) Mickey
- 65 Ar
- 66 Ar
- 67 Ar
- 70 Ar 01MerH (UF) Taylor
- 100 Lect. II MWF, 214MH (5) Anderson  
—1, III TTh, 129MH  
—2, VI TTh, 129MH
- 102 II TThS, 129MH (3) Whittaker, Olson,  
Pierce
- 103 II,III MWF, ar Kabler
- 122 III MWF, 15MeS (3) Anderson
- 126 VI MWF, 129MH (3) Foker
- 127 VII MWF 113MeS (1)
- 129 Ar
- 133 I TThS, 214MH, (3) Clarke
- 135 I F, 129MH (1) Boies and others
- 136 I W, 129MH (1) Hanson and others
- 137 I M, 129MH (1) Irwin, Jordan
- 138 Ar Aldrich, Mouw, and others
- 141 VIII MWF, 102IA (3) Weaver
- 170 IV MWF, 108TSB (3) Taylor
- 171 Ar Taylor
- 173 Ar Taylor
- 174 Ar Taylor
- 190 Ar Grout
- 200 Ar Anderson, Diehl, and others
- 210 IX,X M, 129MH Anderson and staff
- 227 Ar Grout

## Biostatistics

- 110 I TThS, 104IA (3) Treloar
- 111—1, III, IV MWF, 118MH (2) Treloar
- 2, III, IV TThS, 118MH (2) Treloar
- 3, VI, VII TThF, 118MH (2) Treloar
- 4, VII, VIII TThF, 118MH (2) Treloar
- 113 Ar Olson, Adams
- 116 Ar Whittaker
- 120 III TThS, 12MeS (3) Treloar
- 121—1, I, II MWF, 12MeS (2)
- 2, I, II, TThS, 118MH (2)
- 3, VI, VII, VIII MW, 118MH (2)
- 164 II,III,VII,VIII TTh, 206TSB (5)
- 167 III,IV MWF, 206TSB (4)
- 200 Ar Anderson, Diehl, and others
- 201 Ar Treloar
- 211 Ar (1) Treloar

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