

THE UNIVERSITY OF  
**O R E G O N**

EUGENE



PORTLAND

**YEAR SCHEDULE**  
*and*  
**REGISTRATION**  
**MANUAL**

**1924-25**



## UNIVERSITY CALENDAR, 1924-25

### FALL TERM

September 22, Monday	Physical examinations for entering students.
September 23, Tuesday	Freshman English examination. Other entrance examinations.
September 24, Wednesday	Registration material released.
September 24, Wednesday	Faculty meeting.
September 25, 26, Thursday, Friday	Registration days.
September 29, Monday	University classes begin. Late filing fees begin.
October 10, Friday	Last day for filing graduate cards.
October 31, November 1	Homecoming week-end.
November 5, Wednesday	Faculty meeting.
November 11, Tuesday	Armistice Day, a holiday.
November 27 to 30, Thursday to Sunday	Thanksgiving vacation.
December 3, Wednesday	Faculty meeting.
December 17, 18, 19, Wednesday, Thursday, and Friday	Term examinations.

### WINTER TERM

January 5, Monday	University classes begin.
January 7, Wednesday	Faculty meeting.
February 4, Wednesday	Faculty meeting.
February 23, Monday	A holiday for Washington's birthday.
March 4, Wednesday	Faculty meeting.
March 18, 19, 20, Wednesday, Thursday and Friday	Term examinations.
March 21, Saturday to March 29, Sunday	Spring vacation.

### SPRING TERM

March 30, Monday	University classes begin.
April 1, Wednesday	Faculty meeting.
May 6, Wednesday	Faculty meeting.
May 30, Saturday	Memorial Day, a holiday.
June 3, Wednesday	Faculty meeting.
June 10, 11, 12, Wednesday, Thursday, and Friday	Term examinations.
June 12, Friday	Flower and Fern procession 7 p. m. Failing and Beekman orations 8 p. m.
June 13, Saturday	Alumni Day.
June 14, Sunday	Baccalaureate sermon.
June, 15, Monday	Commencement.

### SUMMER SESSION, 1925

June 22, Monday	Summer session opens, Eugene and Portland.
July 31, Friday	Summer session closes.

# Campus Directory

## BUILDINGS

<i>Name of Building</i>	<i>Occupied by</i>
Architecture .....	Architecture, Fine Arts, Mechanics and Astronomy.
Arts .....	Fine Arts (Sculpture), Normal Arts.
Commerce Hall .....	Business Administration, Economics, History.
Deady Hall .....	Botany, Physics, Zoology.
Education .....	Education, History.
Extension .....	Extension, Household Arts.
Friendly Hall .....	Men's residence hall; Health Service.
Hendricks Hall .....	Women's residence hall.
Household Arts .....	Household Arts, Extension.
Johnson Hall (Administration Bldg.) .....	Drama, Greek, Geology, Philosophy, Mathematics, Registrar, Business Office, Administrative Officers, Deans (except professional schools).
Journalism .....	Journalism, Chemistry.
Journalism Annex (Shack) .....	Emerald, Associated Students, Graduate Manager, Physical Education Headquarters.
Library .....	Library.
Mary Spiller Hall .....	Women's residence hall.
McClure Hall .....	Chemistry, Psychology, University Press.
Men's Gymnasium .....	Physical Education for Men.
Music .....	Music.
Oregon Hall (old Education Bldg.) .....	Basement, Romance Languages; main floor, German, Latin, Mathematics, Political Science; upper floor, Law School.
Power House .....	University Depot and Post Office, Heating Plant.
R. O. T. C. ....	Military Science.
Sociology .....	Sociology, Drama, English, English Bureau, Architecture, Mechanics.
Susan Campbell Hall .....	Women's residence hall.
Villard Hall .....	English, Philosophy, assembly hall.
Woman's Building .....	Physical Education for Women, social halls.

## DEPARTMENTS

<i>Departments and Schools</i>	<i>Location</i>
Architecture .....	Architecture Building, Sociology Building.
Art, Fine .....	Architecture Building, Arts Building (sculpture).
Art, Normal .....	Arts Building.
Botany .....	Deady Hall.
Business Administration .....	Commerce Hall.
Chemistry .....	McClure Hall, Journalism Building.
Drama and the Speech Arts .....	Johnson Hall, Sociology Building.
Economics .....	Commerce Hall (for some classes in other buildings, see schedule of courses).
Education .....	Education Building, University High School.
English .....	Villard Hall, Sociology Building (for classes in other buildings, see schedule of courses).
Geology .....	Johnson Hall, Quartz Hall.
German .....	Oregon Hall, main floor.
Greek .....	Johnson Hall.
History .....	Commerce Hall, Education Building (for classes in other buildings, see schedule of courses).
Household Arts .....	Household Arts Building.
Journalism .....	Journalism Building, Journalism Annex (the Shack).
Latin .....	Oregon Hall, main floor.
Law .....	Oregon Hall, upper floor.
Mathematics .....	Oregon Hall, main floor; Johnson Hall.
Mechanics and Astronomy .....	Architecture Building, Sociology Building.
Military Science .....	R. O. T. C. Building.
Music .....	Music Building.
Philosophy .....	Johnson Hall, Villard Hall.
Physical Education .....	Men's Gymnasium (men); Women's Gym- nasium (-women); Journalism Annex (headquarters, and office of the dean; Friendly Hall and Infirmary (Health Service)).
Physics .....	Deady Hall.
Political Science .....	Oregon Hall, main floor.
Psychology .....	McClure Hall.
Romance Languages .....	Oregon Hall, basement.
Sociology .....	Sociology Building.
Zoology .....	Deady Hall, Research Building.

## OFFICERS OF THE UNIVERSITY

Campbell, P. L., President of the University .....	Johnson Hall, second floor.
Allen, Eric W., Dean of the School of Journalism .....	3 Journalism.
Bovard, John F., Dean of the School of Physical Education .....	Journalism Annex.
Dymont, Colin V., Dean of the College .....	Johnson Hall, second floor.
Douglass, M. L., Librarian .....	Library, basement.
Esterly, Virginia Judy, Dean of Women .....	107 Johnson Hall.
Fitch, Clara Lynn, Secretary of Administrative Offices .....	Johnson Hall, second floor.
Hale, William G., Dean of the School of Law .....	Oregon Hall, upper floor.
Johnson, Louis H., Comptroller of the University .....	Business Office, Johnson Hall, second floor.
Kilpatrick, Earl, Dean of the Extension Division .....	Extension Building.
Landsbury, John J., Dean of the School of Music .....	Music Building.
Lawrence, Ellis F., Dean of the School of Architecture and Allied Arts .....	Architecture Building.
Onthank, Karl W., Executive Secretary of the University .....	Johnson Hall, second floor.
Rebec, George, Dean of the Graduate School .....	112 Johnson Hall.
Robbins, E. C., Dean of the School of Business Administration .....	204 Commerce Building.
Sheldon, Henry D., Dean of the School of Education .....	Education Building.
Spencer, Carlton E., Registrar of the University .....	Johnson Hall, second floor.
Straub, John, Dean of Men .....	112 Johnson Hall.
Walker, Dean H., Student Adviser and Director of Loan Funds .....	Johnson Hall, second floor.
Young, Frederic G., Dean of the School of Sociology .....	201 Sociology.

COMMITTEES OF THE FACULTY

Advisory Council (elective)—President Campbell, Deans Sheldon, Hale, Robbins, Professors Gilbert, Packard, Barnett.

Academic Requirements—Spencer, Folts, Boynton, Stafford, H. R. Douglass.

Administration of Honors—Howe, Boynton, Conklin, Barnett.

Appointment Bureau—Rainey, Howe, DeCou, Cloran, R. C. Clark, Bovard, Tingle.

Athletics—Howe, Bovard, Earl.

Awards—Turnbull, Caswell, Cameron, Landsbury, Thacher.

Catalogue and Schedule—Boynton, Hall, Onthank, Stillman, Stetson. Mrs. Fitch, secretary.

Colloquium—Decker, Smith, Onthank.

Commencement and Assembly—Campbell, Straub, Gilbert, Dunn, Evans, Kerns.

Foreign Scholarships—Rebec, Dymont, Smith. Mrs. Fitch, secretary.

Free Intellectual Activities—Smith, Rebec, Allen, Kimball Young, Ernst, Mrs. McClain.

Gerlinger Cup—Esterly, Straub, Mrs. E. E. DeCou, Mrs. A. C. Dixon, Mrs. W. F. Jewett, Mrs. F. M. Wilkins, Mrs. P. L. Campbell, President of Associated Students, President of Women's League.

Graduate Council—Rebec, Conklin, Young, Sheldon, Ernst, Larsell, Schmidt, Boynton, Packard, Torrey. Mr. Spencer, secretary.

Intra-Mural Sports—DeCou, Scott, Alden, Decker, Ernst, Donald Barnes, Yocom.

Library—Douglass, Campbell, Sheldon, Allen, Rebec, Yocom, Wheeler.

Medical School Scholarship—Torrey, Shinn, Crosland.

Military Credits—Howe, Allen, Boynton.

Pre-engineering—Caswell, McAlister, Milne, Stafford, Hodge.

Publications—Allen, Young, Sheldon, Kilpatrick, Hale, Casey, Packard, Douglass, Robbins.

Religious and Moral Activities—Douglass, DeCou, Sweetser, Perkins, Evans, Williams, Carleton.

Research—Packard, Torrey, Milne, Stafford, Sheldon, Barnett, Donald Barnes.

Scholarship—Dymont, Bovard, Watson-Barnes, Gilbert, Sheldon. Mr. Spencer, secretary.

Student Advisory—Straub, Esterly, Dymont, Folts, Walker, Earl. Mr. Onthank, secretary.

Student Affairs—Esterly, Straub, Walker, Thomson, DeBusk, Lomax.

Student Living and Health—Walker, Bovard, University Physician, Sweetser, Decker, Kelly.

Advisory Members—Deans Straub and Esterly.

## Courses Which Fulfil Group Requirements

The courses listed below will satisfy group requirements when taken in sequence during three terms, to make a year of work in one subject.

### AVAILABLE FOR FRESHMEN

#### GROUP I. FOREIGN LANGUAGES AND ENGLISH

<i>Department</i>	<i>Course Number, Subject</i>	<i>Credit per term</i>
English, 1-2-3—	Outlines of English Literature .....	4 hours
5-6-7—	American Literature .....	3 hours
10-20-25—	English Poetry, Wordsworth, Ruskin .....	3 hours
Germanic Languages and Literature, 1a,b,c—	Elementary German .....	4 hours
21a,b,c—	Elementary Norwegian .....	3 hours
Greek, 1a,b,c—	Beginning Greek .....	4 hours
Latin, 1a,b,c—	Beginning Latin and Caesar .....	4 hours
Romance Languages, 1a,b,c—	First-year French .....	4 hours
11a,b,c—	First-year Spanish .....	4 hours
32a,b,c—	First-year Italian .....	3 hours

NOTE—This group may also be fulfilled by one year of second-year language, 4 hours: or third or fourth-year language, 3 hours.

#### GROUP II. SOCIAL SCIENCES

History, 3-4-5—	European History .....	3 hours
41-42a,b—	Modern Europe .....	4 hours
61-62-63—	English History .....	4 hours
Philosophy, 1a,b,c—	Introduction to Reflective Thinking .....	3 hours
Political Science, 1-2-3—	Modern Governments .....	4 hours

#### GROUP III. MATHEMATICS AND SCIENCE

Botany, 1-2-3—	General Botany .....	4 hours
Chemistry, 1a,b,c—	General Chemistry .....	5 hours
2a,b,c—	Elementary Chemistry .....	4 hours
Geology, 1a,b-2—	General and Historical Geology .....	4 hours
Mathematics—	Three terms of work in any lower division courses will fulfill the group.	
Physics, 1-2-3—	Essentials of Physics and	
11-12-13—	Lower Division Laboratory .....	3 hours
Zoology, 1a,b,c—	Animal Biology .....	4 hours

NOTE—The above courses, except mathematics, shall include not less than one credit-hour a week of laboratory.

#### GROUP IV. ARTS AND TECHNICAL TRAINING

Art—This group may be satisfied by 9 credit-hours of lower division courses in the School of Architecture and Allied Arts, provided that no one-hour course be accepted unless it has been taken and passed for three consecutive terms.

Business Administration, 8a,b,c—	Constructive Accounting .....	5 hours
Drama, 2a,b,c—	First-year Dramatic Company .....	3 hours
Household Arts, 1a,b,c—	Elementary Clothing .....	3 hours
5a,b,c—	Elementary Cooking .....	3 hours
31-11-12—	Textiles and Clothing .....	3 hours
15-16-17—	Foods and Food Problems or 25— Food Economics .....	3 hours
Music, 1a,b,c—	Elements of Musical Science .....	3 hours
12a,b,c—	Public School Music .....	3 hours

## AVAILABLE FOR SOPHOMORES

The following courses, not open to freshmen, also fulfill the group requirements.

## GROUP I. FOREIGN LANGUAGES AND ENGLISH

English—Literature, 40-41-42, Shakespeare .....	3 hours
Written and Spoken, 75a,b,c—Written and Spoken English .....	3 hours
75a,b,c—Written and Spoken English .....	3 hours
80a,b,c—Pre-legal English .....	3 hours
86-87-88—Public Speaking .....	3 hours
Written, 54-55-56—Narration and Exposition .....	3 hours
59a,b,c—Advanced Writing .....	3 hours

The above courses in written, and written and spoken English may fulfill either the group requirement or the written English requirement, but the same course may not be used to fulfill both.

## GROUP II. SOCIAL SCIENCES

Economics, 3a,b—Principles of Economics .....	4 hours
and 4—Economics of Business Organization .....	5 hours
or 105—Labor Problems .....	4 hours
or 113—Money, Banking and Crises .....	5 hours
Education, 51-52-53—Principles, Social Aspects, and Educational Psychology .....	3 hours
History, 1a,b,c—World History .....	4 hours
2a,b,c—World History (second year) .....	3 hours
71-72-73—American History .....	4 hours
Philosophy, 51-52-53—Logic, Ethics, and Introduction .....	3 hours
Sociology, 1a,b,c—Social Origins, Primitive Society and Psychological Foundations .....	3 hours

## GROUP III. MATHEMATICS AND SCIENCE

Physics, 4-5-6—General Physics .....	4 hours
11a,b,c—Beginners Psychology .....	4 hours

The above courses shall include not less than one credit-hour a week of laboratory.

## GROUP IV. ARTS AND TECHNICAL TRAINING

Drama, 51-52-53—Second-year Dramatic Company .....	4 hours
Music, 2-3-4—Contrapuntal, Formal, and Harmonical Analysis .....	3 hours

## Pedagogical Courses for Teachers' Certificates

The Oregon laws provide that graduates from the universities and colleges of Oregon who have completed 15 semester (22 term) hours in education courses may be issued a teaching certificate upon application to the state superintendent of public instruction.

Certain pedagogical courses offered by departments outside of the School of Education may be taken to satisfy not more than six of the 22 term hours required for the state certificate, but these courses do not count toward a major in education.

<i>Department</i>	<i>Course Number</i>	<i>Subject</i>
Architecture and Allied Arts .....	191a,b,c .....	Pedagogy of Art
English .....	130 .....	Teaching of English Composition
	175 .....	Teaching of English Literature
Germanic Languages and Lit. ....	130 .....	Teaching of Modern Languages
History .....	100 .....	Teaching of History
Household Arts .....	102 .....	Food Prep. for Social Workers
Latin .....	151c .....	Latin Pedagogy
Mathematics .....	101 .....	Teaching and Hist. of Mathematics
Music .....	12a,b,c .....	Public School Music
Physical Education .....	101a,b,c .....	Prin. and Technique of Teach.
	102a,b,c .....	Play'g'd. and Com. Recreation
	103-104-105 .....	Gym. and Coach. of Sports
	106-107-108 .....	Gym. and Coach. of Sports
	111a,b,c .....	Principles of Physical Ed.
	112-113-114-115 .....	Coaching of Major Sports
	121a,b,c .....	Theory and Prac. of Indiv. Gym.
Sociology .....	112 .....	Teaching of Social Science

## Fees and Deposits

(All fees to be paid each term in the third week after classes begin. Deposits (military and room) are payable once a year. The gymnasium suit fee is paid only once by each student).

### *Undergraduate Fees*

Registration fee ..... \$13.25 per term

This fee entitles the student to the use of the gymnasium, swimming pools, lockers, towels, etc.; to consultation, medical advice, infirmary or dispensary treatment (except that a small charge may be made for the medicine used); and to the use of the library and reading rooms, without any extra charge. This also entitles the student to membership in the Associated Students, which includes voting privileges, free admission to campus events, and a subscription to the Emerald.

Laboratory, locker, syllabus and course fees ..... See following pages

School or departmental fees—

School of Architecture and Allied Arts ..... \$12.00 per term  
 School of Business Administration ..... 5.00 per term  
 School of Journalism ..... 3.00 per term  
 School of Law ..... 10.00 per term

These fees are to be paid by students majoring in the schools listed, instead of individual course fees.

Non-resident fee ..... \$50.00 per term

Required of all students who are not residents of the state of Oregon; except that (a) ex-service men pay one-half of the non-resident fee or \$25.00 per term; and (b) law students are given a reduction to the amount of the law school tuition or departmental fee, making their non-resident fee \$40.00 per term.

Military Deposit ..... \$ 5.00 per year

This deposit is made by every student subject to military training before equipment is issued. Provided the student returns all of the articles issued to him, in good condition, the deposit is returned at the end of the year.

Gymnasium suit deposit, men ..... \$ 8.00

Women ..... 10.00

This deposit or fee is payable once during the four-year course, and entitles the student to a gymnasium suit including laundry and repairs. If the student does not remain in college the full four years, a proportion of the deposit will be returned. This deposit is payable at any time, but must be paid before equipment is issued.

### *Graduate Fees*

Graduate fee ..... \$ 8.00 per term

Graduate students are exempt from the non-resident fee, but are held for course or major fees, and penalty fees except that graduate students are given until the second Friday of each term to register. The graduate fee includes the use of the gymnasium, swimming pools, lockers, etc., of the library and reading rooms, and of the health service, but does not entitle the student to membership in the Associated Students or an Emerald subscription.

### *Penalty Fees*

Late registration fee ..... \$ 1.00

Cumulative fee ..... .25 per day

Students who do not file their Study-Programs in the Registrar's office before Monday, September 29, must pay a penalty fee of \$1.00 with a cumulative fee of 25 cents for each additional day of delay. This fee must be paid before the Study-Program can be filed.

Late payment fee ..... \$3.00

Students who fail to pay fees within the time set by the comptroller will be charged a late payment fee of \$3.00.

Change of course fee ..... \$ 1.00

A charge of \$1.00 will be made for each course dropped and each course added, except that on the first day of the winter and spring terms the Study-Program may be changed without the payment of any fee.

# UNIVERSITY OF OREGON YEAR SCHEDULE 1924-25

Registration fee \$13.25 per term

Non-resident fee \$50.00 per term

All afternoon classes begin 15 minutes after the hour.

By faculty regulation, all courses are announced over the name of a member of the permanent staff, of rank not lower than instructor. In some cases the actual instruction is delegated to a graduate assistant.

Course and laboratory fees given below are payable each term.

\*\* Signifies to be arranged.

## ARCHITECTURE AND ALLIED ARTS

Majors in the School of Architecture and Allied Arts do not pay the course (laboratory) fees listed below, but pay \$12 per term departmental fee. Students not majoring in the school pay the course fees given below.

Students using drawing boards pay a deposit fee of \$2.00 for each board furnished by the school. This fee is refunded upon return of the boards.

Course Number		Fee	Subject, Credit, Days and Hour	Room, Bldg.	Instructor
Fall	Winter	Spring	ARCHITECTURE		
		15 2.00	Construction I (1) M 8	203 Arch	Willecox
18a	18b	18c 2.00	Architectural History II (2) W Th 8	107 Arch	Lawrence
111a	111b	111c 2.00	Construction IV (1) W 8	203 Arch	Willecox
112a	112b	112c 2.00	Construction V (1) Th 8	203 Arch	Willecox
1a	1b	2.00	Graphics I (2) Tu Th 9	107 Arch	Adams
115a	115b	115c 2.00	Architectural History III (2) W Th 9	107 Arch	Lawrence
162a	162b	2.00	Graphic Statics (2) M W 9	206 Arch	Adams
		164 2.00	Wooden Trusses (2) M W 9	206 Arch	Adams
16a	16b	16c 2.00	Construction II (1) M 9-12	202 Arch	Willecox
17a	17b	17c 1.00	Architectural History I (1) Tu 10	Art Studio	Schroff
		55 2.00	Perspective (2) Tu Th 10	107 Arch	Adams
108a	108b	108c 2.00	Architectural Design VII (1) Th 10	206 Arch	Willecox-Brown
110a	110b	110c 2.00	Construction III (3) M W F 10	206 Arch	Brown
113a	113b	113c 2.00	Construction VI (2) W F 10	206 Arch	Adams
120a	120b	120c 2.00	Architectural Practice (1) Tu 10	203 Arch	Willecox
51		2.00	Descriptive Geometry (2) Tu F 11	107 Arch	Adams
		58 2.00	Stereotomy (2) Tu F 11	107 Arch	Adams
2a	2b	2c 2.00	Graphics II (2) Tu F 11	107 Arch	Adams
116a	116b	116c 2.00	Architectural History IV (2) M W 11	107 Arch	Schroff
106a	106b	106c 2.00	Architectural History V (1) Th 1	202 Arch	Lawrence-Brown
10a	10b	10c 2.00	Architectural Design I (1) Th 1-4	202 Arch	Lawrence-Willecox-Brown
11a	11b	11c 2.00	Architectural Design II (2) Tu Th 1-4	202 Arch	Lawrence-Willecox-Brown
12a	12b	12c 2.00	Architectural Design III (4) Tu Th 1-4 and **	202 Arch	Lawrence-Willecox-Brown
54a	54b	54c 2.00	Mechanical Drawing (2) M W 1-4	202 Arch	Adams
62a	62b	2.00	Surveying (2) Tu 1-5	107 Arch	Adams
105a	105b	105c 2.00	Architectural Design IV (4-6) Tu 9-5 Th 1-5	202 Arch	Lawrence-Willecox-Brown
107a	107b	107c 2.00	Architectural Design VI (10) Tu 9 a m-10 p m (other hours **)	202 Arch	Lawrence-Willecox-Brown
		57 2.00	Advanced Mechanical Drawing (2) **	**	Adams

.....	.....	163	2.00	Stresses (3) **	.....	**	.....	Adams
.....	.....	165	2.00	Hydraulics (3) **	.....	**	.....	McAlister
171	.....	.....	2.00	Masonry (4) **	.....	**	.....	Adams
175	.....	.....	2.00	Foundations (3) **	.....	**	.....	Adams
177a	177b	.....	2.00	Steel Trusses (2) **	.....	**	.....	Adams

FINE ARTS

26a	26b	26c	1.00	Color Theory (1) Tu 9	.....	Arch	.....	Hafen
20a	20b	20c	1.00	Elementary Still Life (1) M 9-12	.....	Studio Arch	.....	Hafen
23a	23b	23c	3.00	Water Color and Oil Painting I (1) [	Th 9-12	.....	.....	.....
35a	35b	35c	3.00	Water Color and Oil Painting II (1) [	.....	.....	.....	Schroff
45a	45b	45c	1.00	Art of the Book and Poster I (2)	.....	.....	.....	.....
46a	46b	46c	1.00	Art of the Book and Poster II (2)	W F 9-12 or W Th 7-10 p m	Design	.....	Zane
41a	41b	41c	1.00	Art Appreciation (1) Tu 10	.....	Studio Arch	.....	Schroff
141a	141b	141c	2.00	Civilization and Art Epochs (2) M W 11	.....	Studio Arch	.....	Schroff
42a	42b	42c	1.00	Decorative Design I (2)	.....	Design	.....	Zane
43a	43b	43c	1.00	Decorative Design II (2)	M 1-4 Tu 11	.....	.....	.....
142a	142b	142c	1.00	Decorative Design III (2)	.....	Design	.....	Zane
143a	143b	143c	1.00	Decorative Design IV (2)	M 1-4 Tu 11	.....	.....	.....
5a	5b	5c	6-9	Delineation I (2-3) M W 1-4 (Arch majors)	.....	Studio Arch	.....	Hafen-Schaefer
6a	6b	6c	6.00	Delineation II (2) M 1-4 (Arch majors)	.....	Studio Arch	.....	Hafen
7a	7b	7c	6.00	Delineation III (2) M 1-4 (Arch majors)	.....	Studio Arch	.....	Hafen
101a	101b	101c	3-6	Delineation IV (1-2) M W 1-4 (Arch majors)	.....	Studio Arch	.....	Hafen-Schaefer
102a	102b	102c	3.00	Delineation V (1) W 1-4 (Arch majors)	.....	Studio Arch	.....	Schroff-Hafen
135a	135b	135c	3.00	Mural Painting and Stained Glass (2) M W 1-4	.....	Studio Arch	.....	Schroff
27a	27b	27c	3-12	Elementary Modeling (1-4) Tu W Th 1-4 Th 7-10	.....	Studio Art	.....	Schaefer
31	32	33	3-12	Life Class (1-4) W Th F 1-4 Tu 7-10	.....	Studio Arch	.....	Hafen
131	132	133	3-12	Life Class (1-4) W Th F 1-4 Tu 7-10	.....	Studio Arch	.....	Schroff-Hafen
144a	144b	144c	5-20	Advanced Modeling (1-4) Tu W Th 1-4 Th 7-10	.....	Studio Art	.....	Schaefer
.....	145a	145b	.....	Artistic Anatomy (1) **	.....	Studio Arch	.....	Schroff

NORMAL ARTS

94a	94b	94c	2.00	Representation II (1) F 9-12	.....	Art	.....	Zane
191a	191b	191c	2.00	Pedagogy of Art (3) W 9-12	.....	Art	.....	Kerns
90a	90b	90c	2.00	Color Theory (1) Tu 10-12	.....	Art	.....	Kerns
197a	197b	197c	2.00	Home Decoration (junior year) (2) Tu Th 10	.....	**	.....	Zane
198a	198b	198c	2.00	Home Decoration (senior year) (1) W 1-4	.....	**	.....	Kerns
53a	53b	53c	1.50	Instrumental Drawing (1) Th 1-4	.....	Arch	.....	Adams
91a	91b	91c	3.00	Design I (2) Tu Th 1-4	.....	Art	.....	Kerns
92a	92b	92c	3.00	Design II (2) M W 1-4	.....	Art	.....	Kerns
93a	93b	93c	2.00	Representation I (1) F 1-4	.....	Art	.....	Zane
97	.....	.....	3.00	Applied Design I Tile (2) M W 1-4	.....	Art	.....	Avakian
.....	98	.....	3.00	Applied Design I Construction (2) M W 1-4	.....	Art	.....	Avakian
.....	99	.....	3.00	Applied Design I Basketry (2) M W 1-4	.....	Art	.....	Avakian
193	.....	.....	3.00	Applied Design II Weaving (2) Tu Th 1-4	.....	Art	.....	Avakian
.....	194a	194b	3.00	Applied Design II Pottery (2) Tu Th 1-4	.....	Art	.....	Zane
195a	195b	195c	2.00	Dress Design (3) F 1-4 other hours **	.....	Art	.....	Avakian
96a	96b	96c	3.00	Life and Costume (1) **	.....	Arch	.....	Hafen
Ed107a	107b	107c	.....	Practice Teaching (2-3) **	.....	**	.....	Zane

## BOTANY

Course Number		Fee	Subject, Credit, Days and Hour	Room, Bldg.	Instructor
Fall	Winter	Spring			
1	2	3	2.50	General Botany (4) Tu W F 8	105 Deady Sweetser
				Lab Tu W Th F n m or S a m	** Deady Taylor
8				Systematic Botany M W 9 Lab 9*	** Deady Sanborn
105			3.00	Plant Physiology (3) M W 9 Lab M 1-4	7 Deady Sweetser
	104		2.50	Economic Botany (3) M W 9 Lab M 1-4	7 Deady Sweetser
		9	2.50	Field and Systematic Botany (3) M W 9 Lab M 1-4	7 Deady Sweetser
108				Sanitation (3) Tu Th F 9	107 Deady Sweetser
	106	106	5.00	Bacteriology (4) Tu Th 9	107 Deady Sweetser
				Lab Tu Th or W F 1-4	** Deady Sweetser
101	102		5.00	Plant Histology (4) Tu Th 10 Lab M W 1-4	** Deady Sanborn
		103	2.50	Algae (3) Tu Th 10 Lab M W 1-4	** Deady Sanborn
110	110	110	2.50	Botanical Problem	** Deady **
111	111	111	2.50	Research Thesis	** Deady **
113	114	115		Seminar	** Deady **
116	116	116	5.00	Advanced Bacteriology Laboratory	** Deady **
117			1.00	Paleo-Botany	** Deady **
213	213	213	2.50	Botany Research	** Deady **
214	214	214	5.00	Bacteriology Research	** Deady **
215	215	215		Graduate Seminar	** Deady **

## BUSINESS ADMINISTRATION

Majors in the School of Business Administration pay a departmental fee of \$5.00 per term instead of course (laboratory) fees. All others pay course (laboratory) fees listed below.

8a	8b	8c	3.00	Constructive Accounting I (5) Tu W Th F 8 Lab F 10-12	5 Commerce Folts-Wood
8a	8b	8c	3.00	Constructive Accounting II (5) Tu W Th F 8 Lab S 10-12	7 Commerce Folts-Hempy
8a	8b	8c	3.00	Constructive Accounting III (5) M Tu Th F 8 Lab W 8-10	8 Commerce Folts-Fasset
8a	8b	8c	3.00	Constructive Accounting IV (5) Tu W Th F 8 Lab F 3-5	106 Commerce Folts-Storli
8a	8b	8c	3.00	Constructive Accounting V (5) Tu W Th F 8 Lab W 3-5	107 Commerce Folts-Noll
		10	3.00	Managerial Records III (3) M Tu 8 Lab W 1-3	206 Commerce Lomax
116			3.00	Law of Contracts (4) Tu W Th F 8	110 Johnson Decker
	117		3.00	Law of Bills and Notes (2) Tu W 8	110 Johnson Rosson
		118	3.00	Law of Agency (2) Th F 8	110 Johnson Rosson
		119	3.00	Law of Competition (2) Tu W 8	110 Johnson Carpenter
		120	3.00	Law of Credit Transactions (2) Th F 8	110 Johnson Rosson
175a	175b		3.00	Merchandising (3) M Tu Th 8	206 Commerce Nagley
186			3.00	Industries I (5) M Tu W Th F 8	101 Commerce Lomax
	186		3.00	Industries II (5) M Tu W Th F 8	101 Commerce Lomax
		160	3.00	Bank Management (4) M W Th 8	101 Commerce Folts
192a	192b	192c	3.00	Advanced Accounting Theory & Auditing (3) Tu W F 8	10 Commerce Myers
	9		3.00	Organization and Management III (3) M Tu W 9	106 Commerce Lomax
	9		3.00	Organization and Management I (3) M Tu W 9	106 Commerce Lomax
11			3.00	Labor Management I (3) M Tu W 9	107 Commerce Robbins
	11		3.00	Labor Management III (3) M Tu W 9	107 Commerce Robbins
		10	3.00	Managerial Records II (3) M W 9 Lab F 1-3	8 Commerce Lomax

114	3.00	Market Management I (5) M Tu W Th F 9	5	Commerce	Folts
115	3.00	Sales and Advertising Management (6) M Tu W Th F 9	5	Commerce	Mikesell
165a 165b	3.00	Investments (3) Tu Th F 9	5	Commerce	Nagley
166	3.00	Foreign Investments (3) Tu Th F 9	206	Commerce	Goettling
113	3.00	Finance Management I (5) M Tu W Th F 9	206	Commerce	Goettling
177	3.00	Advanced Salesmanship (3) Tu Th F 9	10	Commerce	Nagley
191a 191b	3.00	Accounting Theory & Auditing (3) Tu Th F 9	101	Commerce	Myers
204	3.00	Research Management (3) Tu Th F 9	10	Commerce	Mikesell
214	3.00	Graduate Labor Management (3) M Tu W 9	204	Commerce	Robbins
222	3.00	C P A Problems (5) M Tu W Th F 9	7	Commerce	Kelly
220	3.00	Graduate Management (3) Tu Th F 9	10	Commerce	Mikesell
245	3.00	Constructive Accounting VIII (5) M Tu W Th 10 Lab M 3-5	206	Commerce	Folts
8a 8b 8c	3.00	Organization and Management IV (3) M Tu W 10	106	Commerce	Lomax
9	3.00	Organization and Management II (3) M Tu W 10	106	Commerce	Lomax
10	3.00	Managerial Records I (3) M W 10 Lab W 1-3	106	Commerce	Lomax
11	3.00	Labor Management II (3) M Tu W 10	107	Commerce	Robbins
11	3.00	Labor Management IV (3) M Tu W 10	107	Commerce	Robbins
114	3.00	Market Management II (5) M Tu W Th F 10	5	Commerce	Mikesell
115	3.00	Sales and Advertising Management II (5) M Tu W Th F 10	5	Commerce	Nagley
113	3.00	Finance Management II (5) M Tu W Th F 10	5	Commerce	Folts-Hempy
152	3.00	Personal Efficiency I (3) M W F 10	10	Commerce	Nagley
152	3.00	Personal Efficiency II (3) M W F 10	107	Commerce	Nagley
180	3.00	Foreign Trade Principles (4) M W Th F 10	**		Goettling
181	3.00	Foreign Trade Technique (4) M W Th F 10	**		Goettling
182	3.00	International Finance (4) M W Th F 10	**		Goettling
184	3.00	Income Tax Procedure (3) W Th F 10	7	Commerce	Kelly
195a 195b	3.00	Cost Accounting (3) W Th F 10	7	Commerce	Kelly
210	3.00	Problems of Commercial Education (5) Tu W Th F 10	10	Commerce	Mikesell
211a 211b 211c	3.00	Graduate Accounting Theory (5) M Tu W Th F 10	101	Commerce	Myers
260	3.00	Graduate Thesis (3) M Tu W 10	10	Commerce	Mikesell
8a 8b 8c	3.00	Constructive Accounting X (5) M Tu W F 11 Lab Th 3-5	5	Commerce	Folts-Westover
8a 8b 8c	3.00	Constructive Accounting VII (5) M Tu W F 11 Lab Th 1-3	7	Commerce	Folts-Rehn
8a 8b 8c	3.00	Constructive Accounting IX (5) M Tu W F 11 Lab S 8-10	4	Commerce	Folts-Hempy
8a 8b 8c	3.00	Constructive Accounting VI (5) M Tu W F 11 Lab M 1-3	107	Commerce	Stillman
10	3.00	Managerial Records IV (3) M W 11 Lab Tu 1-3	206	Commerce	Lomax
170a 170b	3.00	Advertising (3) Tu W 11 Lab M 1-3	101	Commerce	Nagley
183 184 185	3.00	Foreign Trade Marketing (3) M W F 11	10	Commerce	Goettling
178	3.00	Life Insurance (3) M W F 1	7	Commerce	Kelly
179	3.00	Property Insurance (3) M W F 1	7	Commerce	Kelly
203a 203b 203c	3.00	Management Technique (3) M Tu W 1	10	Commerce	Robbins-Staff
8c 8a 8b	3.00	Constructive Accounting XI (5) M W Th F 2 Lab Tu 3-5	106	Commerce	Folts-Hempy
162	3.00	Forecasting (3) M Tu W 2	**		Mikesell
200a 200b	3.00	Graduate Constructive Accounting (3) Tu Th F 2	107	Commerce	Robbins-Hawkins
205a 205b 205c	3.00	Systems (3) M W F 2	101	Commerce	Myers
159 159 159	3.00	Senior Thesis (4) **	10	Commerce	Kelly
240 241 242	3.00	Graduate Seminar **	**		Goettling

CHEMISTRY

Course Number			Fee	Subject, Credit, Days and Hour	Room, Bldg.	Instructor
Fall	Winter	Spring				
106	107	108	....	Advanced Inorganic Chemistry (3) Tu W F 8	101 McClure	Tanner
6	.....	.....	6.00	Continuation Chemistry (4) Tu Th F 9 Lab Th or F 1-4	101 McClure	Shinn
.....	8a	8b	6.00	Organic Chemistry for Medical Students (4) Tu Th F 9 Lab M Tu or Th 1-4	101 McClure	Williams
116a	116b	116c	6.00	Physical Chemistry (4) Tu Th F 9 Lab M 1-4	** McClure	Stafford
1a	1b	1c	6.00	General Chemistry (5) M Tu W Th 10 Lab M W Th or F 1-4	101 McClure	Stafford
.....	.....	7	6.00	Physical Chemistry for Medical Students (4) M W F 10 Lab M W Th or F 1-4	104 Journ	Shinn
2a	2b	2c	6.00	Elementary Chemistry (4) Tu W F 11 Lab M W Th or F 1-4	101 McClure	Tanner
105a	105b	105c	6.00	Organic Chemistry (4) M W F 11 Lab Th 1-4	** McClure	Williams
3	4	5	6.00	Analytical Chemistry (4) M W Th F 1-4	101 McClure	Shinn
220	221	222	....	Seminar (1) Th 4	** McClure	Staff
109	110	111	6.00	Advanced Inorganic Laboratory (1) **	** McClure	Tanner
112	113	114	6.00	Advanced Analytical Chemistry **	** McClure	Shinn
120	.....	.....	.....	Advanced Organic Chemistry **	** McClure	Williams
123	124	125	6.00	Advanced Organic Laboratory **	** McClure	Williams
201	202	203	6.00	Research and Thesis Laboratory **	** McClure	Staff
204	205	206	....	Thesis **	** McClure	Staff

DRAMA AND THE SPEECH ARTS

1	1	1	....	Voice and Expression (2) M W 9	Guild Theatre	Reddie-Larsen
2a	2b	2c	5.00	First Year Dramatic Company (3) Tu Th F 9	Guild Theatre	Reddie-Larsen
151	152	153	10.00	Third Year Dramatic Company (5) M Tu W Th F 10	Guild Theatre	Banfield
51	52	53	5.00	Second Year Dramatic Company (4) M Tu W F 11	Guild Theatre	Reddie-Larsen
154	155	.....	.....	Technique of the Speaking Voice (3) M W F 11	203 Sociology	Banfield
.....	.....	156	3.50	Dramatization (3) Tu 1-4 2 m	Guild Theatre	Reddie-Larsen
201	202	203	15.00	Interpretation of Shakespeare (3) M W F 1	Guild Theatre	Reddie
.....	.....	204	.....	Advanced Technique of the Speaking Voice (3) M W F 2	Guild Theatre	Reddie-Banfield
161	162	163	15.00	The Company (5) M Tu W Th 7-9 2 m	Guild Theatre	Reddie
205	206	207	....	Seminar (2) **	**	Reddie

ECONOMICS

1	1	1	1.00	Economic History (5) M Tu W Th F 8	111 Johnson	Hoeber
3a	3b	.....	.....	Principles of Economics (4) Tu W Th F 8	105 Commerce	Gilbert
.....	.....	113	1.00	Money, Banking and Crises (5) M Tu W Th F 8	105 Commerce	Gilbert
.....	.....	114	.....	International Economic Policy (4) Tu W Th F 8	104 Journ	Hoover
1	.....	.....	1.00	Economic History (5) M Tu W Th F 9	105 Commerce	Crockatt
.....	1	.....	1.00	Economic History (5) M Tu W Th F 9	101 Sociology	Crockatt
.....	3a	3b	.....	Principles of Economics (4) Tu W Th F 9	105 Commerce	Wood
109	.....	.....	.....	Labor Management (4) Tu W Th F 9	101 Sociology	Wood
123	.....	.....	.....	Modern Industrial Tendencies (4) Tu W Th F 9	4 Commerce	Cameron
.....	125	.....	.....	Trusts and Combinations (4) Tu W Th F 9	4 Commerce	Cameron
.....	.....	124	.....	Natural Monopolies (4) Tu W Th F 9	4 Commerce	Cameron
.....	.....	153	.....	Railway Commissions (4) Tu W Th F 9	101 Sociology	Crockatt
1	.....	.....	1.00	Economic History (5) M Tu W Th F 10	107 Deady	Cameron
.....	.....	4	.....	Economics of Business Organization (5) M Tu W Th F 10	107 Deady	Cameron
3a	3b	.....	.....	Principles of Economics (4) M W Th F 10	105 Commerce	Gilbert
3a	3b	.....	.....	Principles of Economics (open only to Business Administration students) (4) M W Th F 10	Y M C A Hut	Hoover
.....	.....	113	1.00	Money, Banking and Crises (5) M Tu W Th F 10	105 Commerce	Gilbert

135	.....	.....	Railway Transportation (4) M W Th F 10	4	Commerce	Crockett
.....	136	.....	Ocean Transportation (4) M W Th F 10	4	Commerce	Crockett
.....	137	.....	Control of Carriers (4) M W Th F 10	4	Commerce	Crockett
.....	152	.....	Public Utility Regulation (4) M W Th F 10	107	Deady	Cameron
118a	118b	.....	Public Finance (4) M Tu W F 11	106	Commerce	Gilbert
.....	141	.....	Conservation of Natural Resources (3) M W F 11	106	Commerce	Gilbert
178	.....	.....	History of American Fiscal Policy (3) M W F 11	3	Deady	Wood
.....	167	.....	Labor and Agrarian Movements (3) M W F 11	3	Deady	Wood
.....	105	.....	Labor Problems (4) M Tu W F 11	3	Deady	Wood
115a	115b	115c	History of Economic Thought (3) M W F 2	105	Commerce	Cameron
138a	138b	.....	Traffic Problems (3) M W F 2	4	Commerce	Crockett
106	.....	.....	Labor Organization (4) M Tu W Th 3	105	Commerce	Wood
.....	107	.....	Labor Legislation (4) M Tu W Th 3	105	Commerce	Wood
.....	108	.....	Modern Theories of Social Reform (4) M Tu W Th 3	105	Commerce	Wood

### EDUCATION

52	.....	1.00	Social Aspects of Teaching (3) Tu W F 8	4	Educ	Stetson
.....	51	1.00	Introduction to Education (3) Tu W F 8	4	Educ	Rainey
.....	53	1.00	Educational Psychology (3) Tu W F 8	4	Educ	Spencer
106	.....	1.00	Observation of Teaching (3) Tu W F 8	3	Educ	Douglass
.....	105	.....	High School Problems (3) Tu W F 8	3	Educ	Stetson
.....	106	1.00	Observation of Teaching (3) Tu W F 8	3	Educ	Douglass
155	.....	1.00	Social Education (3) Tu W F 8	2	Educ	Elwell
.....	166	166	Individual Differences (3) Tu W F 8	2	Educ	Elwell
167	168	169	Educational Hygiene (3) Tu Th F 9	2	Educ	Douglass
171	.....	.....	School Administration (3) Tu Th F 9	3	Educ	Rainey
.....	172	173	Tests and Measurements (3) Tu Th F 9	3	Educ	Rainey
.....	105	.....	High School Problems (3) M W F 10	2	Educ	Spencer
.....	106	1.00	Observation of Teaching (3) M W F 10	2	Educ	DeBusk
181	.....	.....	H S Administration and Supervision (3) M W F 10	3	Educ	Stetson
.....	183	1.00	Advanced High School Teaching (3) M W F 10	3	Educ	Stetson
.....	184	1.00	Junior High School (3) M W F 10	3	Educ	Stetson
151	152	153	History of American Education (2) Tu Th 10	2	Educ	Rainey
53	.....	1.00	Educational Psychology (3) M W F 11	4	Educ	Spencer
.....	52	1.00	Social Aspects of Teaching (3) M W F 11	4	Educ	Stetson
.....	51	1.00	Introduction to Education (3) M W F 11	4	Educ	Rainey
161	162	163	Psychology of Childhood (3) M W F 11	2	Educ	DeBusk
105	.....	.....	High School Problems (3) M W F 11	3	Educ	Stetson
.....	106	1.00	Observation of Teaching (3) M W F 11	3	Educ	Douglass
.....	105	.....	High School Problems (3) M W F 11	3	Educ	Stetson
51	.....	1.00	Introduction to Education (3) M W F 2	4	Educ	Rainey
.....	53	1.00	Educational Psychology (3) M W F 2	4	Educ	Spencer
.....	52	1.00	Social Aspects of Teaching (3) M W F 2	4	Educ	Stetson
271	272	273	Research in Administration (**) F 2	**	Educ	Rainey
267	268	269	Seminar in Educational Hygiene (2) Tu 1:30-3:30	Office	Educ	DeBusk
160	160	160	Research in Educational Psychology and Hygiene (2) Th 3	**	Educ	DeBusk
251	251	251	Problems in Hist. 19th Century Ed. (**) Tu 3:30-5:30	Office	Educ	Sheldon
286	287	288	Research in Secondary Education (2) Th 3-5	3	Educ	Stetson
211	211	211	Seminar (1) Aternate Th 7:30	2	Educ	Sheldon-Staff
107	.....	107	Supervised Teaching **	**	Educ	Douglass
.....	107x	.....	Educational Literature (2 or 3) **	**	.....	Douglass-Spencer

## CHEMISTRY

Course Number			Fee	Subject, Credit, Days and Hour	Room, Bldg.	Instructor
Fall	Winter	Spring				
106	107	108	.....	Advanced Inorganic Chemistry (3) Tu W F 8	101 McClure	Tanner
6	.....	.....	6.00	Continuation Chemistry (4) Tu Th F 9 Lab Th or F 1-4	101 McClure	Shinn
.....	8a	8b	6.00	Organic Chemistry for Medical Students (4) Tu Th F 9 Lab M Tu or Th 1-4	101 McClure	Williams
116a	116b	116c	6.00	Physical Chemistry (4) Tu Th F 9 Lab M 1-4	** McClure	Stafford
1a	1b	1c	6.00	General Chemistry (5) M Tu W Th 10 Lab M W Th or F 1-4	101 McClure	Stafford
.....	.....	.....	6.00	Physical Chemistry for Medical Students (4) M W F 10 Lab M W Th or F 1-4	104 Journ	Shinn
2a	2b	2c	6.00	Elementary Chemistry (4) Tu W F 11 Lab M W Th or F 1-4	101 McClure	Tanner
105a	105b	105c	6.00	Organic Chemistry (4) M W F 11 Lab Th 1-4	** McClure	Williams
3	4	5	6.00	Analytical Chemistry (4) M W Th F 1-4	101 McClure	Shinn
220	221	222	.....	Seminar (1) Th 4	** McClure	Staff
109	110	111	6.00	Advanced Inorganic Laboratory (1) **	** McClure	Tanner
112	113	114	6.00	Advanced Analytical Chemistry **	** McClure	Shinn
120	.....	.....	.....	Advanced Organic Chemistry **	** McClure	Williams
123	124	125	6.00	Advanced Organic Laboratory **	** McClure	Williams
201	202	203	6.00	Research and Thesis Laboratory **	** McClure	Staff
204	205	206	.....	Thesis **	** McClure	Staff

## DRAMA AND THE SPEECH ARTS

1	1	1	.....	Voice and Expression (2) M W 9	..... Guild Theatre	Reddie-Larsen
2a	2b	2c	5.00	First Year Dramatic Company (3) Tu Th F 9	..... Guild Theatre	Reddie-Larsen
151	152	153	10.00	Third Year Dramatic Company (5) M Tu W Th F 10	..... Guild Theatre	Banfield
51	52	53	5.00	Second Year Dramatic Company (4) MTu W F 11	..... Guild Theatre	Reddie-Larsen
154	155	.....	.....	Technique of the Speaking Voice (3) M W F 11	203 Guild Theatre	Banfield
.....	.....	156	3.50	Dramatization (3) Tu 1-4 2 m	..... Guild Theatre	Reddie-Larsen
201	202	203	15.00	Interpretation of Shakespeare (3) M W F 1	..... Guild Theatre	Reddie
.....	.....	204	.....	Advanced Technique of the Speaking Voice (3) M W F 2	..... Guild Theatre	Reddie-Banfield
161	162	163	15.00	The Company (5) M Tu W Th 7-9 2 m	..... Guild Theatre	Reddie
205	206	207	.....	Seminar (2) **	**	Reddie

## ECONOMICS

1	1	1	1.00	Economic History (5) M Tu W Th F 8	111 Johnson	Hoerber
3a	3b	.....	.....	Principles of Economics (4) Tu W Th F 8	105 Commerce	Gilbert
.....	.....	113	1.00	Money, Banking and Crises (5) M Tu W Th F 8	105 Commerce	Gilbert
.....	.....	114	.....	International Economic Policy (4) Tu W Th F 8	104 Journ	Hoover
1	.....	.....	1.00	Economic History (5) M Tu W Th F 9	105 Commerce	Crockatt
.....	1	.....	1.00	Economic History (5) M Tu W Th F 9	101 Sociology	Crockatt
.....	3a	3b	.....	Principles of Economics (4) Tu W Th F 9	105 Commerce	Wood
109	.....	.....	.....	Labor Management (4) Tu W Th F 9	101 Sociology	Wood
123	.....	.....	.....	Modern Industrial Tendencies (4) Tu W Th F 9	4 Commerce	Cameron
.....	125	.....	.....	Trusts and Combinations (4) Tu W Th F 9	4 Commerce	Cameron
.....	.....	124	.....	Natural Monopolies (4) Tu W Th F 9	4 Commerce	Cameron
.....	.....	153	.....	Railway Commissions (4) Tu W Th F 9	101 Sociology	Crockatt
1	.....	.....	1.00	Economic History (5) M Tu W Th F 10	107 Deady	Cameron
.....	.....	4	.....	Economics of Business Organization (5) M Tu W Th F 10	107 Deady	Cameron
3a	3b	.....	.....	Principles of Economics (4) M W Th F 10	105 Commerce	Gilbert
3a	3b	.....	.....	Principles of Economics (open only to Business Administration students) (4) M W Th F 10	..... Y M C A Hut	Hoover
.....	.....	113	1.00	Money, Banking and Crises (5) M Tu W Th F 10	105 Commerce	Gilbert

135			Railway Transportation (4) M W Th F 10	4	Commerce	Crockett
	136		Ocean Transportation (4) M W Th F 10	4	Commerce	Crockett
		137	Control of Carriers (4) M W Th F 10	4	Commerce	Crockett
	152		Public Utility Regulation (4) M W Th F 10	107	Deady	Cameron
118a	118b		Public Finance (4) M Tu W F 11	106	Commerce	Gilbert
		141	Conservation of Natural Resources (3) M W F 11	106	Commerce	Gilbert
178			History of American Fiscal Policy (3) M W F 11	3	Deady	Wood
	167		Labor and Agrarian Movements (3) M W F 11	3	Deady	Wood
		105	Labor Problems (4) M Tu W F 11	3	Deady	Wood
115a	115b	115c	History of Economic Thought (3) M W F 2	105	Commerce	Cameron
138a	138b		Traffic Problems (3) M W F 2	4	Commerce	Crockett
106			Labor Organization (4) M Tu W Th 3	105	Commerce	Wood
	107		Labor Legislation (4) M Tu W Th 3	105	Commerce	Wood
		108	Modern Theories of Social Reform (4) M Tu W Th 3	105	Commerce	Wood

### EDUCATION

52		1.00	Social Aspects of Teaching (3) Tu W F 8	4	Edue	Stetson
	51	1.00	Introduction to Education (3) Tu W F 8	4	Edue	Rainey
		53	Educational Psychology (3) Tu W F 8	4	Edue	Spencer
106		1.00	Observation of Teaching (3) Tu W F 8	3	Edue	Douglass
	105		High School Problems (3) Tu W F 8	3	Edue	Stetson
		1.00	Observation of Teaching (3) Tu W F 8	3	Edue	Douglass
155		1.00	Social Education (3) Tu W F 8	2	Edue	Elwell
	166	166	Individual Differences (3) Tu W F 8	2	Edue	Elwell
167	168	169	Educational Hygiene (3) Tu Th F 9	2	Edue	Douglass
171			School Administration (3) Tu Th F 9	3	Edue	Rainey
	172	173	Tests and Measurements (3) Tu Th F 9	3	Edue	Rainey
		105	High School Problems (3) M W F 10	2	Edue	Spencer
		1.00	Observation of Teaching (3) M W F 10	2	Edue	DeBusk
181			H S Administration and Supervision (3) M W F 10	3	Edue	Stetson
	183	1.00	Advanced High School Teaching (3) M W F 10	3	Edue	Stetson
		1.00	Junior High School (3) M W F 10	3	Edue	Stetson
151	152	153	History of American Education (2) Tu Th 10	2	Edue	Rainey
53		1.00	Educational Psychology (3) M W F 11	4	Edue	Spencer
	52	1.00	Social Aspects of Teaching (3) M W F 11	4	Edue	Stetson
		1.00	Introduction to Education (3) M W F 11	4	Edue	Rainey
161	162	163	Psychology of Childhood (3) M W F 11	2	Edue	DeBusk
105			High School Problems (3) M W F 11	3	Edue	Stetson
	106	1.00	Observation of Teaching (3) M W F 11	3	Edue	Douglass
		1.00	High School Problems (3) M W F 11	3	Edue	Stetson
	51	1.00	Introduction to Education (3) M W F 2	4	Edue	Rainey
		1.00	Educational Psychology (3) M W F 2	4	Edue	Spencer
		1.00	Social Aspects of Teaching (3) M W F 2	4	Edue	Stetson
271	272	273	Research in Administration (**) F 2	**	Edue	Rainey
267	268	269	Seminar in Educational Hygiene (2) Tu 1:30-3:30	Office	Edue	DeBusk
160	160	160	Research in Educational Psychology and Hygiene (2) Th 3	**	Edue	DeBusk
251	251	251	Problems in Hist. 19th Century Ed. (**) Tu 3:30-5:30	Office	Edue	Sheldon
286	287	288	Research in Secondary Education (2) Th 3-5	3	Edue	Stetson
211	211	211	Seminar (1) Aternate Th 7:30	2	Edue	Sheldon-Staff
107		107	Supervised Teaching **	**		Douglass
	107x		Educational Literature (2 or 3) **	**		Douglass-Spencer

Course Number		Fee	ENGLISH		Room, Bldg.	Instructor
Fall	Winter	Spring	Subject, Credit, Days and Hour			
LITERATURE						
1	2	3	.50	Outlines of English Literature (4) Tu W Th F 8	107 Villard	Howe-Whitfield
40	41	42	.50	Shakespeare (3) Tu W F 8	108 Villard	Hawes
		152	.50	Classic Poets (3) Tu W F 8	101 Villard	Perkins
5	6	7	.50	American Literature (3) Tu Th F 9	107 Villard	Perkins
100a	100b	100c	2.00	World Literature (second year) (2) M W 9	103 Villard	Ernst
150			.50	Romantic Poets (3) Tu Th F 9	103 Villard	Hawes
	151		.50	Victorian Poets (3) Tu Th F 9	103 Villard	Hawes
1	2	3	.50	Outlines of English Literature (4) M W Th F 10	107 Villard	Hawes
99a	99b	99c	2.00	World Literature (first year) (2) Tu Th 10	103 Villard	Ernst
	133a	133b	.50	Anglo-Saxon (3) M W F 10	104 Villard	Perkins
185	186	187	.50	English Novel (3) M W F 10	108 Villard	Watson
1	2	3	.50	Outlines of English Literature (4) M Tu W F 11	107 Villard	Howe-Palmer
1	2	3	.50	Outlines of English Literature (4) M W Th F 1	108 Villard	Howe-Morrow
5	6	7	.50	American Literature (3) M W F 1	107 Villard	Burgess
146	147	148	.50	American Prose Writers (2) Tu Th 1	105 Villard	Burgess
	154		.50	Browning (3) M W F 1	103 Villard	Hawes
		175	.50	Teaching of English Literature (5) M Tu W Th F 1	103 Villard	Hawes
10			.50	English Poetry (3) M W F 2	107 Villard	Howe
	20		.50	Wordsworth (3) M W F 2	107 Villard	Howe
		25	.50	Ruskin (3) M W F 2	107 Villard	Howe
131			.50	History of English Language (3) M W F 2	104 Villard	Perkins
	135		.50	Chaucer (3) M W F 2	104 Villard	Perkins
205	205	205	.50	Seminar (3) Tu Th 2	106 Villard	Howe
140	141	142	.50	American Novel (3) M W F 3	105 Villard	Burgess
143	144	145	.50	American Poetry (2) Tu Th 3	105 Villard	Burgess
170a	170b	170c	.50	History of English Literature (3) **	202 Villard	Ernst
183a	183b	183c	.50	Shaftesbury and the Romantic Revolt (3) **	202 Villard	Ernst
* WRITTEN ENGLISH						
50a	50b	50c	.50	Report Writing (2) M Th 8	101 Villard	Rowe
50a	50b	50c	.50	Report Writing (2) Tu F 8	101 Soc	Rowe
130			.50	Teaching of English Composition (3) Tu W F 8	101 Villard	Perkins
50a	50b	50c	.50	Report Writing (2) M W 9	101 Villard	Rowe
57a	57b	57c	.50	Short Story Writing I (2) M W 9	104 Journ	Thacher
57a	57b	57c	.50	Short Story Writing II (2) Tu Th 10	104 Journ	Thacher
54	55	56	.50	Narration and Exposition (3) M W F 10	105 Villard	Rowe
59a	59b	59c	.50	Advanced Writing (3) M W F 10	101 Villard	Snyder
110a	110b	110c	.50	Playwriting (3) M W F 10	202 Villard	Mrs. Ernst
59a	59b	59c	.50	Advanced Writing (3) M W F 11	103 Villard	Rowe
50a	50b	50c	.50	Report Writing (2) M W 1	103 Villard	Snyder
51	52	53	.50	Magazine Writing (2) Tu Th 1	107 Villard	Perkins
103a	103b	103c	.50	Advanced Short Story Writing (2) Tu Th 3	104 Journ	Thacher
107a	107b	107c	.50	Authorship (2) Tu Th 3	104 Journ	Thacher

\* No courses in this division are open to freshmen.

\* WRITTEN AND SPOKEN ENGLISH

75a	75b	75c	.50	Written and Spoken English (3) Tu W F 8	103	Villard	Snyder
75a	75b	75c	.50	Written and Spoken English (3) Tu Th F 9	104	Journ	Snyder
89	90	91	.50	Extempore Speaking (2) Tu Th 9		Villard Hall	Brown
89	90	91	.50	Extempore Speaking (2) M W 9	107	Villard	Rosson-Patterson
86			.50	Public Speaking—Oration (3) M W F 10		Villard Hall	Brown
	87		.50	Public Speaking—Masterpieces (3) M W F 10		Villard Hall	Brown
		88	.50	Public Speaking—Lectures (3) M W F 10		Villard Hall	Brown
75a	75b	75c	.50	Written and Spoken English (3) M W F 10	103	Villard	Hoeber
75a	75b	75c	.50	Written and Spoken English (3) M W F 11	108	Villard	Brown
80a	80b	80c	.50	Pre-legal English (3) M W F 11		Villard Hall	Hoeber
82	83	84	.50	Argumentation (2) Tu F 11	206	Soc	Merrill
89	90	91	.50	Extempore Speaking (2) Tu Th 1		Villard Hall	Rosson-Patterson

\* No courses in this division are open to freshmen except Extempore Speaking, which does not fulfill the written English requirement.

GEOLOGY

1a	1b		2.00	General Geology (4) Tu Th F 9 Lab W Th or F 1-3 or 3-5	110	Johnson	Smith-Hodge
		2	2.00	Historical Geology (4) Tu Th F 9 Lab W Th or F 1-3 or 3-5	110	Johnson	Packard
102a	102b		2.00	Non-Metallic Ore Deposits (4) Tu Th F 9 Lab Tu 1-4	4	Johnson	Smith
		107	2.00	Metallic Ore Deposits (4) Tu Th F 9 Lab Tu 1-4	4	Johnson	Hodge
111			1.00	Stratigraphy (3) M W 9 Lab Th 1-4	109	Johnson	Packard
		115	2.00	Lithology (3) M W 9 Lab Tu Th 1-4	4	Johnson	Hodge
		101	2.00	Structural Geology (3) M W 9 Lab Th 1-4	3	Johnson	Smith
1a	1b		2.00	General Geology (4) M W F 10 Lab W Th or F 1-3 or 3-5	110	Johnson	Smith-Hodge
		2	2.00	Historical Geology (4) M W F 10 Lab W Th or F 1-3 or 3-5	110	Johnson	Packard
17a	17b	17c	3.50	Mineralogy (4) Tu Th 10 Lab M W 1-4	4	Johnson	Hodge
106a	106b	106c	2.00	Petrography (4) M W F 10 Lab Th F 1-4	4	Johnson	Hodge
108a			1.00	Elementary Paleontology (4) Tu Th 10 Lab Tu W 1-4	109	Johnson	Packard
		108b	1.00	Invertebrate Paleontology (4) Tu Th 10 Lab Tu W 1-4	109	Johnson	Packard
		118	1.00	Tertiary Faunas (4) Tu Th 10 Lab Tu W 1-4	109	Johnson	Packard
		9		Development and History of Life (3) M W F 11	3	Johnson	Packard
		10		Geologic History of Vertebrates (3) M W F 11	3	Johnson	Packard
		8		Geologic History of Man (3) M W F 11	3	Johnson	Packard
11	12	13	1.50	Geography (4) M W F 11 Lab M 1-3	110	Johnson	Smith
		122		Geologic History of Pacific Countries (3) **	109	Johnson	Smith
140	140	140	6.00	Principles of Assaying **	**		**
201	201	201		Seminar **	**		**
202	202	202		Advanced Geology **	**		**
208	208	208		Advanced Paleontology **	**		**

GERMANIC LANGUAGES AND LITERATURE

Course Number			Fee	Subject, Credit, Days and Hour	Room, Bldg.	Instructor
Fall	Winter	Spring				
3a	3b	3c	....			
133	134	135	....	Second Year German (4) Tu W Th F 8	109 Oregon	Thorstenberg
115			....	History of German Literature (2) M Th 8	106 Oregon	Schmidt
	130		....	Goethe's Faust (3) Tu W F 8	106 Oregon	Schmidt
			....	Teaching of Modern Languages (3) Tu W F 8	106 Oregon	Schmidt
		104	....	German Fiction (3) Tu W F 8	106 Oregon	Schmidt
	1a	1b	1c	Elementary German (4) Tu W Th F 9	106 Oregon	Schmidt
	1a	1b	1c	Elementary German (4) Tu W Th F 9	109 Oregon	Thorstenberg
206a	206b	206c	....	German Seminar (3) M 9 Tu 10-12	106 Oregon	Schmidt
	1a	1b	1c	Elementary German (4) M W Th F 10	109 Oregon	Thorstenberg
	3a	3b	3c	Second Year German (4) M W Th F 10	106 Oregon	Schmidt
	4a	4b	4c	Scientific German (3) M W F 11	109 Oregon	Thorstenberg
101a	101b	101c	....	Classical German (3) M W F 11	106 Oregon	Schmidt
	1a	1b	1c	Elementary German (4) M W Th F 1	106 Oregon	Schmidt-McGrew
	21a	21b	21c	Elementary Norwegian (3) M W F 2	109 Oregon	Thorstenberg
123	124	125	....	Scandinavian Literature (3) **	109 Oregon	Thorstenberg
131a	131b	131c	....	Advanced German Composition (2) **	106 Oregon	Schmidt
132a	132b	132c	....	German Conversation (2) **	** Oregon	Schmidt-McGrew
136a	136b	136c	....	Advanced Swedish (3) **	109 Oregon	Thorstenberg
160	161	162	....	Literary and Cultural Life of the Scandinavian Countries (2) **	109 Oregon	Thorstenberg
202a	202b		....	Old High German (3) **	104 Oregon	Schmidt

GREEK

	1a	1b	1c	....	Beginning Greek (4) Tu W Th F 9	111 Johnson	Straub
	50a	50b	50c	....	Xenophon, Homer, and Greek Grammar (4) M W Th F 10	111 Johnson	Straub-Johnstone
	100a	100b	100c	....	New Testament Greek (4) M Tu W Th F 11	111 Johnson	Straub
	75a	75b	75c	....	Development of Greek and Roman Civilization (3) M Tu Th 2	107 Oregon	Johnstone
	150a	150b	150c	....	Plato and Aristotle (3) **	112 Johnson	Johnstone

HISTORY

	61	62	63	.50	English History (4) Tu W Th F 8 Quiz **	105 Oregon	Donald Barnes
	104	105	106	.50	Intellectual History (3) Tu W F 8	4 Commerce	Fish
	191	192		....	Asia and the Pacific (3) Tu W F 8	3 Deady	Walter Barnes
			181	....	Latin-American History (3) Tu W F 8	3 Deady	Walter Barnes
	2a	2b	2c	.50	World History (second year) (3) Tu Th F 9	4 Education	Fish
			51	....	Europe Since 1871 (5) M Tu W Th F 9	106 Commerce	Walter Barnes
	111	112	113	.50	Ancient History (3) Tu Th F 9 Quiz **	8 Commerce	Donald Barnes
	1a	1b	1c	.50	World History (4) M W Th F 10 Quiz **	4 Education	Sheldon
	71	72	73	.50	American History (4) M W Th F 10 Quiz **	8 Commerce	Clark
	100			....	Teaching of History (3) Tu 10, M W 3	8 Commerce	Clark
	107a	107b	107c	.50	History of Civilization (4) M W Th F 10	4 Education	Sheldon
	3	4	5	.50	European History (3) M W F 11 Quiz **	105 Commerce	Fish
	171	172	173	.50	American History (3) M W F 11	8 Commerce	Clark
	41	42a	42b	....	Modern Europe (4) M W Th F 2 Quiz **	8 Commerce	Walter Barnes
		143		....	The French Revolution (3) M W Th 3	8 Commerce	Walter Barnes
		146		....	Recent Russia (2) M Th 3	8 Commerce	Walter Barnes
	201a	201b	201c	....	Problems 19th Century (2) Tu 3-5	2 Education	Sheldon

276a	276b	276c	....	Oregon History (2) Th 4-6 .....	8	Commerce	.....	Clark
261a	261b	261c	....	Problems English Economic History (2) Tu 7-9 p m .....	4	Commerce	.....	Donald Barnes

NOTE—Two terms of any lower division history course are required for credit.

#### HOUSEHOLD ARTS

110	111	112	2.00	Household Management (3) Tu W F 8 .....	H A	.....	Tingle-Davis
31	.....	.....	2.00	Textiles (3) Tu Th F 9 .....	H A	.....	Davis
.....	11	12	2.00	Clothing (3) Tu Th F 9 .....	H A	.....	Davis
95a	95b	95c	2.00	Color and Line in Clothing (1) M 9, Lab ** .....	H A	.....	Davis
25	.....	.....	2.00	Food Economics (3) M W F 10 .....	H A	.....	Gurley
.....	35	.....	2.00	Home Nursing (3) M W F 10 .....	H A	.....	Gurley
.....	36	.....	2.00	Food for the Sick (1) Tu 10 .....	H A	.....	Gurley
.....	.....	135	2.00	Care of Children (3) M W F 10 .....	H A	.....	Gurley
5a	5b	5c	4.00	Elementary Cooking (3) ** Lab ** .....	H A	.....	Gurley
15	16	.....	4.00	Foods (3) M W F 11 .....	H A	.....	Tingle
.....	.....	17	2.00	Food Problems (3) M W F 11 .....	H A	.....	Tingle
18	19	20	2.00	Food Laboratory (1) 11-2 day ** .....	H A	.....	Gurley
.....	25	25	2.00	Food Economics (3) M W F 11 or ** .....	H A	.....	Gurley
1a	1b	1c	2.00	Elementary Clothing (3) M W F 1-3 .....	H A	.....	Davis
100	.....	.....	4.00	Nutrition (3) ** .....	H A	.....	Tingle
.....	101	.....	4.00	Nutrition Problems (3) ** .....	H A	.....	Tingle
102	103	.....	2.00	Food Preparation for Social Workers (3) ** .....	H A	.....	Tingle
.....	.....	105	3.00	Camp Cookery (2) ** .....	H A	.....	Tingle
120	121	122	.....	Food Selection (1) ** .....	H A	.....	Tingle
.....	175a	175b	.....	Home Economics Journalism (2) ** .....	H A	.....	Tingle-Allen

#### JOURNALISM

Majors (except freshmen) in the School of Journalism pay a departmental fee of \$3.00 per term instead of course (laboratory) fees. All others pay course fees listed below.

130	131	132	3.00	Reporting (3) Tu W F 8 .....	105	Journ	.....	Turnbull		
30	31	32	2.00	Elementary Newswriting (2) M W 9 .....	105	Journ	.....	Turnbull		
50	51	52	3.00	Publishing .....	} Combination Course }	(3) Tu Th 9	105	Journ	.....	Allen
53	54	55	3.00	Printing .....			Lab W F 9	105	Shop	.....
E57a	E57b	E57c	.50	Short Story I (2) M W 9 .....	104	Journ	.....	Thacher		
E57a	E57b	E57c	.50	Short Story II (2) Tu Th 10 .....	105	Journ	.....	Thacher		
58	58	58	.50	Proofreading (1) Tu 10 .....	7	Journ	.....	Turnbull		
193	194	195	3.00	Editing (5) M Tu W Th F 10 .....	104	Journ	.....	Allen		
120	121	122	3.00	The Specialized Press (3) M Tu W 11 .....	104	Journ	.....	Casey		
125	.....	.....	3.00	Law of the Press (3) not given 1924-25 .....	.....	.....	.....	Hale		
160	161	162	3.00	Advertising (3) M W F 1 .....	104	Journ	.....	Thacher		
E103a	E103b	E103c	.50	Advanced Short Story (2) Tu Th 3 .....	104	Journ	.....	Thacher		
E107a	E107b	E107c	.50	Authorship (2) Tu Th 3 .....	104	Journ	.....	Thacher		
106a	106b	106c	1.00	Copyreading ** .....	8	Journ	.....	Turnbull		
107	108	109	1.00	Advanced Copyreading ** .....	8	Journ	.....	Turnbull		
.....	127	128	3.00	Home Economics Journalism ** .....	**	.....	.....	Tingle-Allen		
163	164	165	3.00	Advertising Typography (1-2) ** .....	.....	Shop	.....	Hall		
186	187	188	.....	Advertising Practice (1-2) M Tu W Th F ** .....	104	Journ	.....	Thacher		
169a	169b	169c	.....	Advanced Seminar ** .....	104	Journ	.....	Thacher		
183	184	185	3.00	Business Management (Seniors) (2) ** .....	.....	Press Office	.....	Allen-Hall		

LATIN

Course Number Fee			Subject, Credit, Days and Hour	Room, Bldg.		Instructor
Fall	Winter	Spring				
51a	51b	51c	Latin Elegy and Drama (3) Tu W F 8	108	Oregon	Dunn
52a			Latin Prose Composition and Sight Translation (2) M Th 8	108	Oregon	Dunn
	52b	52c	Ovid, Catullus, Caesar (2) M Th 8	108	Oregon	Dunn
1a	1b	1c	Beginning Latin and Caesar (4) Tu W Th F 9	107	Oregon	Johnstone
21a	21b	21c	Horace, Vergil, and Livy (3) M W F 10	107	Oregon	Dunn
22a	22b		Latin Prose Composition and Sight Translation (2) Tu F 11	107	Oregon	Johnstone
		22c	Plautus, Terence, Martial (2) Tu F 11	107	Oregon	Johnstone
2a	2b	2c	Cicero's Orations and Vergil's Aeneid (4) M W Th F 1	107	Oregon	Johnstone
101a	101b	101c	Cicero, Selected Letters (3) M W F 1	108	Oregon	Dunn
102a	102b	102c	Horace, Juvenal, Tacitus (2) W Th 2	108	Oregon	Dunn
151a			Latin Prose Composition and Sight Translation (3) M W F 3	107	Oregon	Dunn
	151b		Roman Life, Mythology and Contributions (3) M W F 3	107	Oregon	Dunn
		151c	Latin Pedagogy (3) M W F 3	107	Oregon	Dunn

LAW

Law School registration fee \$10.00 per term. For schedule of professional courses in the School of Law apply to the dean of the school. Law courses are not open to freshmen or sophomores.

MATHEMATICS

2			Intermediate Algebra (4) Tu W Th F 8	1	Johnson	Smail
	3		Advanced Algebra (4) Tu W Th F 8	1	Johnson	Smail
		6	Mathematics of Finance (4) Tu W Th F 8	**		Smail
8a	8b	8c	Unified Mathematics (4) Tu W Th F 8	101	Oregon	Milne
		4	Plane Trigonometry (4) Tu W Th F 8	**		Staff
		101	Teaching and History of Mathematics (3) Tu W F 8	1	Johnson	DeCou
102a	102b	102c	Differential and Integral Calculus (4) Tu W Th F 9	1	Johnson	DeCou
201a	201b	201c	Theory of Functions (3) Tu Th F 9	101	Oregon	Milne
8a	8b	8c	Unified Mathematics (4) M W Th F 10	101	Oregon	Smail
104			Higher Algebra (3) M W F 10	1	Johnson	DeCou
	108		Analytical Trigonometry (3) M W F 10	1	Johnson	DeCou
		106	Solid Analytical Geometry (3) M W F 10	1	Johnson	DeCou
5			Analytical Geometry (4) M Tu W F 11	101	Oregon	Milne
	61a	61b	Differential and Integral Calculus (4) M Tu W F 11	101	Oregon	Milne
113			Advanced Analytical Geometry (3) Tu W F 11	1	Johnson	DeCou
	103a	103b	Differential Equations (3) Tu W F 11	1	Johnson	DeCou
3			Advanced Algebra (4) M W Th F 1	101	Oregon	Smail
	6		Mathematics of Finance (4) M W Th F 1	1	Johnson	Smail
		7	Elements of Statistical Methods (4) M W Th F 1	101	Oregon	Milne
	2		Intermediate Algebra (4) M W Th F 1	109	Oregon	Staff
		3	Advanced Algebra (4) M W Th F 1	1	Johnson	Staff
		4	Plane Trigonometry (4) M W Th F 1	101	Oregon	Milne
109			Foundations of Algebra (3) M W F 2	101	Oregon	Smail
	107a	107b	Advanced Calculus (3) M W F 2	101	Oregon	Smail

### MECHANICS AND ASTRONOMY

101a	101b	101c	.....	Analytical Mechanics (3) M W F 10 .....	108	Arch	.....	McAlister
201	.....	.....	.....	Theory of Elasticity (4) M Tu W F 11 .....	108	Arch	.....	McAlister
.....	202a	202b	.....	Hydrodynamics (4) M Tu W F 11 .....	108	Arch	.....	McAlister
.....	121a	121b	.....	General Astronomy (3) ** .....	108	Arch	.....	McAlister
165	.....	2.00	.....	Hydraulics ** .....	108	Arch	.....	McAlister
.....	161a	161b	4.00	Strength of Materials (3) ** .....	108	Arch	.....	McAlister
170a	170b	.....	2.00	Reinforced Concrete (3) ** .....	108	Arch	.....	McAlister

### MILITARY SCIENCE

All students taking military pay a deposit of \$5 a year, which is returned at the end of the year.

1	2	3	1.00	Freshman Military—Basic (1) Tu Th F 9, W Th F 10, M Tu F 11, M W Th 1, M W F 2, Tu W Th 3 .....	.....	R O T C	.....
4	5	6	1.00	Sophomore Military—Basic (1) M W 9, Tu Th 10, M W 10, M W 11, Tu F 11, Tu Th 2 Drill ** .....	.....	R O T C	.....
11	12	13	1.00	Freshman Military Science (2) ** .....	.....	R O T C	.....
14	15	16	1.00	Sophomore Military Science (2) ** .....	.....	R O T C	.....
101	102	103	1.00	Advanced Junior Military (3) ** .....	.....	R O T C	.....
121	122	123	1.00	Advanced Senior Military (3) ** .....	.....	R O T C	.....

### MUSIC

1a	1b	1c	9.00	Elements of Musical Science (3) Tu W F 8 .....	.....	Music	.....	Beck
9	10	11	9.00	History and Appreciation of Music (2) M Th 8 .....	.....	Music	.....	Beck
2	.....	.....	9.00	Contrapuntal Analysis (3) Tu Th F 9 .....	.....	Music	.....	Landsbury
.....	3	.....	9.00	Formal Analysis (3) Tu Th F 9 .....	.....	Music	.....	Landsbury
.....	4	.....	9.00	Harmonical Analysis (3) Tu Th F 9 .....	.....	Music	.....	Landsbury
12a	12b	12c	9.00	Public School Music (3) M W F 2 .....	.....	Music	.....	Beck
13a	13b	13c	.....	Scientific Music Reading Th 2 .....	.....	Music	.....	Beck
21a	21b	21c	.....	Orchestra (1/3) M 8 p m Tu 7:30 p m .....	.....	Music	.....	Underwood
6	.....	.....	9.00	Keyboard Harmony (2) ** .....	.....	Music	.....	Landsbury
7	.....	.....	.....	Historical Music Seminar (1) ** .....	.....	Music	.....	Beck-Staff
22a	22b	22c	.....	Ensemble (1) ** .....	.....	**	.....	Underwood
24	25	26	.....	Violin Class (limited to five) (1) ** .....	.....	Music	.....	Underwood
30a	30b	30c	9.00	Orchestral Organization (2) ** .....	.....	**	.....	Underwood
130a	130b	130c	9.00	Advanced Orchestral Organization (2) ** .....	.....	**	.....	Underwood
50	50	50	.....	Piano Seminar ** .....	.....	**	.....	Thacher-Staff
101	.....	.....	.....	Strict Counterpoint (2) ** .....	.....	Music	.....	Landsbury
.....	102a	102b	.....	Double Counterpoint, Canon and Fugue (2) ** .....	.....	Music	.....	Landsbury
Ed107a	107b	107c	.....	Supervised Teaching (2 1/3) M Tu W Th F ** .....	.....	**	.....	Beck
.....	131	132	.....	Modulation (2) ** .....	.....	Music	.....	Landsbury
.....	140	.....	.....	Philosophy of Music (special permission) (3) ** .....	.....	Music	.....	Landsbury
201	.....	.....	.....	Seminar (special permission) ** .....	.....	Music	.....	Landsbury
204	204	204	.....	Practical Artistry (special permission) ** .....	.....	Music	.....	Landsbury

NOTE—Applied Music. Piano—Thacher, Evans, ½ credit, \$30; 1 credit, \$55; Aurora Underwood, ½ credit, \$25; 1 credit, \$45; Sloane, ½ credit, \$25; 1 credit, \$45. Voice—McGrew, ½ credit, \$30; 1 credit, \$55; Siefert, ½ credit, \$30; 1 credit, \$55; Pench, ½ credit, \$20; 1 credit, \$35. Violin—Underwood, ½ credit, \$30; 1 credit, \$55; Lampshire, ½ credit, \$15; 1 credit, \$27.50; O'Reilly, ½ credit, \$12; 1 credit, \$25. Cello—Teshner, ½ credit, \$\*\*; 1 credit, \$\*\*. Organ—Evans, ½ credit, \$30; 1 credit, \$55. Flute—Clark, ½ credit, \$15; 1 credit, \$27.50.

## PHILOSOPHY

Course Number			Fee	Subject, Credit, Days and Hour	Room, Bldg.	Instructor
Fall	Winter	Spring				
1a	1b	1c	.50	Introduction to Reflective Thinking (3) Tu Th F 9	101 Villard	Marti
51			.50	Elementary Logic (3) M W F 11	101 Villard	Miller
	52		.50	Elementary Ethics (3) M W F 11	101 Villard	Miller
		53	.50	Introduction to Philosophy (3) M W F 11	101 Villard	Miller
106			.50	British Philosophy (3-4) Tu W Th 1	111 Johnson	Miller
	105		.50	Continental Philosophy Before Kant (3-4) Tu W Th 1	111 Johnson	Miller
		107	.50	From Kant to Hegel (3-4) Tu W Th 1	111 Johnson	Miller
101a	101b	101c	.50	History of Philosophy (3-4) M W F 2	111 Johnson	Rebec
108a	108b	108c	.50	Nineteenth Century Thought (3-4) M W Th 2	101 Villard	Marti
125a	125b	125c	.50	Philosophy of History (3-4) Tu Th F 2	111 Johnson	Rebec
119			.50	Philosophy of Religion (3-4) M Tu W 3	101 Villard	Marti
	114		.50	Inductive Logic (Logic of Scientific Method) (3-4) M Tu W 3	101 Villard	Marti
		111	.50	Advanced Ethics (3-4) M Tu W 3	101 Villard	Marti
115			.50	Advanced Theoretical Logic (3-4) M Tu Th 3	111 Johnson	Miller
	112		.50	Plato's Republic (3-4) M Tu Th 3	111 Johnson	Miller
		113	.50	Aristotle's Ethics (3-4) M Tu Th 3	111 Johnson	Miller
151	152	153	....	Undergraduate Seminar **	111 Johnson	Staff
201a	201b	201c	....	Graduate Seminar **	111 Johnson	Staff

## PHYSICAL EDUCATION

### For Men

51	52	53	....	Elementary Physical Education I (1) Tu Th F 9	Men's Gym	P E Staff
51	52	53	....	Elementary Physical Education II (1) M W F 10	Men's Gym	P E Staff
51	52	53	....	Elementary Physical Education III (1) M W F 11	Men's Gym	P E Staff
51	52	53	....	Elementary Physical Education IV (1) M W F 2	Men's Gym	P E Staff
51	52	53	....	Elementary Physical Education V (1) M W F 3	Men's Gym	P E Staff
54	55	56	....	Advanced Physical Education I (1) Tu Th F 9	Men's Gym	P E Staff
54	55	56	....	Advanced Physical Education II (1) M W F 10	Men's Gym	P E Staff
54	55	56	....	Advanced Physical Education III (1) M W F 11	Men's Gym	P E Staff
54	55	56	....	Advanced Physical Education IV (1) M W F 2	Men's Gym	P E Staff
54	55	56	....	Advanced Physical Education V (1) M W F 3	Men's Gym	P E Staff
57	58	59	....	Restricted Exercise (1) M W F 11	Men's Gym	P E Staff
100a	100b		....	Physiology of Exercise (3) Tu W F 8	121 Woman's	Bovard
71a	71b	71c	....	Introduction to Physical Education (2) M W 9	Men's Gym	Scott
81a	81b	81c	....	Fundamentals of Physical Education (2) M W 9	121 Woman's	P E Staff
102a	102b	102c	....	Playground and Community Recreation (2-3) M W 9 Lab S 9-11	Women's Gym	Stupp
64	65	66	....	Physical Education Elective (1) Tu 10 S 10-12	Men's Gym	P E Staff
73a	73b	73c	....	Physical Education (major course) (1) Tu 10 S 10-12	Men's Gym	P E Staff
83a	83b	83c	....	Advanced Physical Education (major course) (1) Tu 10 S 10-12	Men's Gym	P E Staff
101a	101b	101c	....	Technique of Teaching (2) Tu Th 10	206 Woman's	Manchester
		75	....	Kinesiology (4) M Tu W F 11	121 Woman's	Manchester
60a	60b	60c	....	Personal Hygiene (1) Th 1	110 Johnson	Oberteuffer

111a	111b	111c	.....	Principles of Physical Education (3) M W F 1 .....	Men's Gym .....	Scott
112	.....	.....	.....	Coaching of Football (2) Tu Th 2 .....	Men's Gym .....	Maddock
.....	113	.....	.....	Coaching of Basketball (2) Tu Th 2 .....	Men's Gym .....	Reinhart
.....	.....	114	.....	Coaching of Baseball (2) Tu Th 2 .....	Men's Gym .....	Reinhart
.....	.....	115	.....	Coaching of Track (2) Tu Th 2 .....	Men's Gym .....	Hayward
121a	121b	121c	.....	Theory and Practice of Individual Gym (2) M 10 Lab M W F 3 or M W F 4 .....	206 Woman's .....	Thomson
160a	160b	160c	.....	Thesis ** (1) .....	** .....	Scott

For Women

F, indicates freshman standing; So, sophomore standing; J, junior standing; S, senior standing.

1	2	3	.....	Elementary Physical Education II (1) Tu Th F 10 F .....	Women's Gym .....	Stupp-Buckley
1	2	3	.....	Elementary Physical Education I (1) M W F 11 F .....	Women's Gym .....	Shelly
1	2	3	.....	Elementary Physical Education V (1) M Tu Th 2 F .....	Women's Gym .....	Buckley
1	2	3	.....	Elementary Physical Education III (1) M W F 3 F .....	Women's Gym .....	Page
1	2	3	.....	Elementary Physical Education IV (1) Tu Th F 4 F .....	Women's Gym .....	Stupp-Page
4	5	6	.....	Advanced Physical Education I (1) M W F 10 So .....	Women's Gym .....	Shelly
4	5	6	.....	Advanced Physical Education II (1) Tu Th F 3 So .....	Women's Gym .....	Stupp
4	5	6	.....	Advanced Physical Education III (1) M W F 4 So .....	Women's Gym .....	Page
7	8	9	.....	Individual Gym I (1) Tu Th F 9 .....	206 Woman's .....	Buckley
7	8	9	.....	Individual Gym II (1) M W F 10 .....	206 Woman's .....	Buckley
7	8	9	.....	Individual Gym III (1) M W F 11 .....	206 Woman's .....	Thomson
7	8	9	.....	Individual Gym IV (1) M W F 2 .....	206 Woman's .....	Thomson
7	8	9	.....	Individual Gym V (1) M W F 3 .....	206 Woman's .....	Thomson
7	8	9	.....	Individual Gym VI (1) M W F 4 .....	206 Woman's .....	Thomson
60a	60b	60c	.....	Personal Hygiene (1) M Tu W or Th 1 Quiz ** F .....	121 Woman's .....	Stuart
100a	100b	.....	.....	Physiology of Exercise (3) Tu W F 8 J .....	121 Woman's .....	Bovard
133	134	135	.....	Theory of Dancing (1) Th 8 S .....	121 Woman's .....	Stupp
21a	21b	21c	.....	Fundamentals of Physical Education (2) M W 9 So .....	121 Woman's .....	Bovard-Manchester
102a	102b	102c	.....	Playground and Community Recreation (2-3) M W 9 Lab S 9-11 J .....	Women's Gym .....	Stupp
103	104	105	.....	Gymnastics and Coaching of Sports (maors) (1) Tu Th F 9 J .....	Women's Gym .....	Manchester
125a	125b	125c	.....	Advanced Theory and Practice of Individual Gym (elective) (3) M W 9 Lab Tu or Th 2-4 S .....	206 Woman's .....	Thomson
132a	132b	132c	.....	Advanced Educational Interpretative Dancing (elective) (1) Tu Th F 9 S .....	Women's Gym .....	Stupp
11a	11b	11c	.....	Introduction to Physical Education (2) Tu Th 10 F .....	121 Woman's .....	Alden
13a	13b	13c	.....	Physical Education (majors) (1) M W F 10 and F 8 F .....	Women's Gym .....	Manchester-Stupp
101a	101b	101c	.....	Principles and Technique of Teaching (2) Tu Th 10 J .....	206 Woman's .....	Manchester
23a	23b	23c	.....	Physical Education (majors) (1) M W F 11 So .....	Women's Gym .....	Manchester-Page
.....	75	.....	.....	Kinesiology (4) M Tu W F 11 J .....	121 Woman's .....	Manchester
111a	111b	111c	.....	Principles of Physical Education (3) M W F 11 S .....	121 Woman's .....	Alden
106	107	108	.....	Gymnastics and Coaching of Sports (majors) (1) M W F 2 S .....	Women's Gym .....	Manchester-Page
131a	131b	131c	.....	Educational Interpretative Dancing (majors) (1) M Tu Th 2 J .....	Women's Gym .....	Stupp
121a	121b	121c	.....	Theory and Practice of Individual Gym (2) M 10 Lab M W F 3 or M W F 4 J .....	206 Woman's .....	Thomson
160a	160b	160c	.....	Thesis (1) S ** .....	** .....	Staff

Voluntary Physical Education—open to all classes:

Basketball for beginners Tu Th 4 .....	** .....	Shelly
Team Sports M Tu W Th 5 .....	** .....	Staff
Advanced Interpretative Dancing W 7:30-9 .....	** .....	Stupp

(Registration by election only)

Course Number		Fee	PHYSICS		Room, Bldg.	Instructor
Fall	Winter Spring		Subject, Credit, Days and Hour			
1	2	3	1.00	Essentials of Physics (2) M Th 8	105	Deady Boynton
111	112	113	4.00	Advanced General Physics (3) Tu Th 9 Lab Tu or Th 1-4	3	Deady Caswell
114	115	116	4.00	Electrical Measurements (3) M W 9 Lab Tu or Th 1-4	3	Deady Boynton
130	130	130	.....	Journal Club ** F 9	3	Deady Boynton-Caswell
230	230	230	.....	Seminar ** F 9	3	Deady Boynton-Caswell
4	5	6	4.00	General Physics I (4) M W F 10 Lab any p m 1-4 Quiz Tu or Th 10 or Tu 11	105	Deady Caswell
211	212	213	.....	Advanced Electrical Theory (3) M W F 10	3	Deady Boynton
4	5	6	4.00	General Physics I (4) M W F 10 Lab any p m 1-4 Quiz Tu or Th 10 or Tu 11	105	Deady Caswell
11	12	13	3.00	Lower Division Laboratory (1) any p m 1-4	101	Deady Boynton
100	100	100	4.00	Laboratory Arts ** 1-4	101	Deady Caswell
120	120	120	4.00	Advanced Laboratory ** 1-4	8	Deady Boynton-Caswell
214	215	216	4.00	Advanced Electrical Laboratory (1-2) ** 1-4	8	Deady Boynton
200	200	200	4.00	Research Laboratory **	8	Deady Boynton-Caswell

NOTE—No credit is given in the sequences 1-2-3, 4-5-6 or 111-112-113 for less than two terms work. Course 1-2-3 does not meet curriculum requirement for majors in chemistry, mathematics, medicine, physics or pre-engineering, for which 4-5-6 is prescribed. Course 1-2-3 will not satisfy the group requirement unless accompanied by 11-12-13 and both carried successfully for the full year. Courses 100, 120, 130, 200, and 230 may be registered repeatedly, as the work assigned varies each term.

Course Number		Fee	POLITICAL SCIENCE		Room, Bldg.	Instructor
108	.....	.....	.....	Political Parties (4) Tu W Th F 8	107	Oregon Barnett
.....	105	.....	.....	City Government (4) Tu W Th F 8	107	Oregon Barnett
.....	.....	106	.....	Political Theory (4) Tu W Th F 8	107	Oregon Barnett
2	.....	.....	1.00	Modern Governments (4) Tu W Th F 9	105	Oregon Barnett
.....	1	.....	.....	Modern Governments (4) Tu W Th F 9	108	Villard Hoover
.....	.....	.....	.....	Modern Governments (4) Tu W Th F 9	108	Villard Hoover
.....	2	.....	1.00	Modern Governments (4) Tu W Th F 9	105	Oregon Barnett
.....	.....	3	.....	Modern Governments (4) Tu W Th F 9	105	Oregon Hoover
.....	1	.....	.....	Modern Governments (4) M W Th F 10	105	Oregon Barnett
.....	.....	2	1.00	Modern Governments (4) M W Th F 10	105	Oregon Barnett
.....	.....	3	.....	Modern Governments (4) M W Th F 10	105	Oregon Hoover
.....	.....	103	.....	Municipal Corporations (4) M W Th F 10	105	Oregon Barnett
110a	110b	.....	.....	International Politics (4) M Tu W F 11	105	Oregon Hoover
.....	.....	104	.....	International Law (4) M Tu W F 11	105	Oregon Barnett

Course Number		Fee	PSYCHOLOGY		Room, Bldg.	Instructor
106a	106b	.....	.....	Adolescence (3) Tu W F 8	206	McClure Conklin
.....	.....	118	.....	Abnormal (3) Tu W F 8	206	McClure Conklin
140	.....	.....	.....	Technical Applications (Advertising) (2) M Th 8	206	McClure Crosland
.....	141	.....	.....	Technical Applications (Reading and Printing) (2) M Th 8	206	McClure Crosland
.....	.....	142	.....	Technical Applications (Exhibitional) (2) M Th 8	206	McClure Crosland
11a	11b	11c	2.50	Beginners (4) Tu Th F 9 Lab any p m 1-4 or S 9-12	206	McClure Crosland
12a	12b	12c	.....	Beginners (without lab) (3) Tu Th F 9	105	Deady K. Young
203	.....	.....	.....	Methodology (2) M W 9	201	McClure Conklin
.....	201a	201b	.....	History of Psychology (2) M W 9	201	McClure Conklin
103	104	105	.....	Systematic (3) M W F 10	206	McClure Wheeler
.....	.....	.....	.....	Advanced Experimental (2) Tu Th 10	201	McClure Wheeler

.....	209	.....	.....	Behaviorism (2) Tu Th 10	.....	201	McClure	.....	Wheeler
.....	.....	.....	206	Advanced Physiological Psychology (2) Tu Th 10	.....	201	McClure	.....	Wheeler
11a	11b	11c	2.50	Beginners (4) M Tu W 11 Lab any p m 1-4 or S 9-12	.....	206	McClure	.....	Wheeler-Gilbert
12a	12b	12c	.....	Beginners (without lab) (3) M Tu W 11	.....	107	Deady	.....	Conklin
109	.....	.....	.....	Psychology of Learning (3) M W F 11	.....	201	McClure	.....	Crosland
.....	124a	124b	.....	Psychology for Medical Students (3) M W F 11	.....	105	Joufn	.....	Crosland
.....	111	.....	.....	Character and Personality (3) M Tu W 11	.....	102	Soc	.....	K. Young
.....	.....	186	.....	Criminal Psychology (3) M Tu W 11	.....	102	Soc	.....	K. Young
11a	11b	11c	2.50	Beginners (4) M W F 2 Lab any p m 1-4 or S 9-12	.....	105	Deady	.....	Wheeler
12a	12b	12c	.....	Beginners (without lab) (3) M W F 2	.....	108	Villard	.....	Conklin-Gilbert
107a	107b	107c	.....	Research and Thesis **	.....	.....	**	.....	Conklin
107a	107b	107c	.....	Research and Thesis **	.....	.....	**	.....	Wheeler
.....	115	116	.....	Special Problems in Social Psychology **	.....	.....	**	.....	K. Young
117a	117b	117c	2.50	Advanced Laboratory (2) **	.....	201	McClure	.....	Wheeler-Cutsforth
.....	134	.....	.....	Advanced Social Psychology (Crowd Behavior) (2-3) **	.....	.....	**	.....	K. Young
.....	135	.....	.....	Advanced Social Psychology (Institutional) (2-3) **	.....	.....	**	.....	K. Young
207a	207b	207c	.....	Research and Thesis **	.....	.....	**	.....	Conklin
207a	207b	207c	.....	Research and Thesis **	.....	.....	**	.....	Wheeler
210	.....	.....	.....	Attention and Perception (2) **	.....	.....	**	.....	Crosland
.....	211	.....	.....	Memory and Image (2) **	.....	.....	**	.....	Crosland
.....	.....	218	.....	Association (2) **	.....	.....	**	.....	Crosland
.....	215	216	.....	Special Problems in Social Psychology (1-3) **	.....	.....	**	.....	K. Young
217a	217b	217c	.....	Seminar **	.....	.....	**	.....	Staff

## ROMANCE LANGUAGES

### FRENCH

1a	1b	1c	.....	First-year French (4) Tu W Th F 8	.....	2	Oregon	.....	Cornier
2a	2b	2c	.....	Second-year French (4) Tu W Th F 8	.....	4	Oregon	.....	Gouy
1a	1b	1c	.....	First-year French (4) Tu W Th F 9	.....	4	Oregon	.....	Gouy
2a	2b	2c	.....	Second-year French (4) Tu W Th F 9	.....	2	Oregon	.....	Cornier
104a	104b	104c	.....	French Literature (4th year) (3) Tu Th F 9	.....	6	Oregon	.....	Cloran
108a	108b	108c	.....	Scientific French (3rd year) (1) M 9 (Prerequisite, 2 years college French)	.....	4	Oregon	.....	Gray
1a	1b	1c	.....	First-year French (4) M W Th F 10	.....	2	Oregon	.....	Cloran-Pellion
2a	2b	2c	.....	Second-year French (4) M W Th F 10	.....	4	Oregon	.....	Gray
110a	110b	110c	.....	Readings from French Historians (3rd year) (3) M W F 10	.....	6	Oregon	.....	Cornier
206a	206b	206c	.....	Old French (1) Tu 10	.....	3	Oregon	.....	Cloran
1a	1b	1c	.....	First-year French (4) M Tu W F 11	.....	2	Oregon	.....	Gray
2a	2b	2c	.....	Second-year French (4) M Tu W F 11	.....	6	Oregon	.....	Cornier
103a	103b	103c	.....	French Literature (3rd year) (3) M W F 11	.....	4	Oregon	.....	Cloran
105a	105b	105c	.....	French Composition and Conversation (3rd year) (3) M W F 1	.....	2	Oregon	.....	Cornier
107a	107b	107c	.....	French Pronunciation (3rd year) (1) Th 1	.....	4	Oregon	.....	Gouy
1a	1b	1c	.....	First-year French (4) M Tu W Th 2	.....	1	Oregon	.....	**
2a	2b	2c	.....	Second-year French (4) M Tu W Th 2	.....	4	Oregon	.....	Gray
105a	105b	105c	.....	French Composition and Conversation (3rd year) (3) M W F 2	.....	2	Oregon	.....	Gouy
106a	106b	106c	.....	French Composition and Conversation (4th year) (2) Tu Th 2	.....	2	Oregon	.....	Gouy
1a	1b	1c	.....	First-year French (4) M Tu W Th 3	.....	4	Oregon	.....	Gray
111a	111b	111c	.....	French Classics (3) M W F 3	.....	5	Oregon	.....	Gouy
1c	.....	.....	.....	Third-term French (first year) (5) M Tu W Th F 4	.....	5	Oregon	.....	Cloran-Pellion
.....	3a	3b	.....	Second-year French (short course) (5) M Tu W Th F 4	.....	5	Oregon	.....	Cloran-Pellion
.....	1a	1b	.....	First-year French (beginning) (5) M Tu W Th F 4	.....	4	Oregon	.....	**

ROMANCE LANGUAGES—(Continued)

			ITALIAN				
32a	32b	32c	.....	First-year Italian (3) Tu W F 8	6	Oregon	Cloran
33a	33b	33c	.....	Second-year Italian (2) M W 9	3	Oregon	Cloran
			SPANISH				
11a	11b	11c	.....	First-year Spanish (4) Tu W Th F 8	1	Oregon	Espinosa
12a	12b	12c	.....	Second-year Spanish (4) Tu W Th F 8	5	Oregon	Thompson
114a	114b	114c	.....	Spanish Literature (2) M Th 8	6	Oregon	Cloran
11a	11b	11c	.....	First-year Spanish (4) Tu W Th F 9	5	Oregon	Thompson
12a	12b	12c	.....	Second-year Spanish (4) Tu W Th F 9	1	Oregon	Espinosa
11a	11b	11c	.....	First-year Spanish (4) M W Th F 10	1	Oregon	Cuevas
12a	12b	12c	.....	Second-year Spanish (4) M W Th F 10	5	Oregon	Thompson
11a	11b	11c	.....	First-year Spanish (4) M Tu W F 11	5	Oregon	Thompson
12a	12b	12c	.....	Second-year Spanish (4) M Tu W F 11	1	Oregon	Cuevas
11a	11b	11c	.....	First-year Spanish (4) M W Th F 1	6	Oregon	Dallera
12a	12b	12c	.....	Second-year Spanish (4) M W Th F 1	5	Oregon	Espinosa
115a	115b	115c	.....	Spanish Composition and Conversation (3rd year) (3) M W F 1	1	Oregon	Cuevas
117a	117b	117c	.....	Spanish Composition and Conversation (4th year) (2) Tu Th 1	1	Oregon	Cuevas
11a	11b	11c	.....	First-year Spanish (4) M Tu W Th 2	5	Oregon	Espinosa
20a	20b	20c	.....	Second-year Spanish (commercial) (4) M Tu W Th 2	6	Oregon	Dallera
116a	116b	116c	.....	Spanish Composition (3rd year) (2) Tu Th 3	5	Oregon	Thompson
160a	160b	160c	.....	Commercial Spanish (3rd year) (3) M W F 3	6	Oregon	Dallera
161a	161b	161c	.....	Advanced Commercial Spanish (4th year) (Latin America) (2) Tu Th 3	6	Oregon	Dallera
11c	.....	.....	.....	Third-term Spanish (first year) (5) M Tu W Th F 4	1	Oregon	Cuevas
.....	13a	13b	.....	Second-year Spanish (short course) (5) M Tu W Th F 4	1	Oregon	Cuevas
.....	11a	11b	.....	First-year Spanish (beginning) (5) M Tu W Th F 4	6	Oregon	Dallera

NOTE—Students who have credit for two years of high school French or Spanish take second year in college. Students who have credit for one year of high school French or Spanish take 1c or 11c in college. Students who have credit for three years of high school French or Spanish take third year in college.

SOCIOLOGY

1a	1b	1c	.....	Social Origins, Primitive Society, Psychological Foundations I (3) Tu W F 8	102	Soc	Albig
104a	104b	.....	.....	Principles of Sociology I (5) M Tu W Th F 9	102	Soc	Albig
.....	.....	105	.....	The New Social Order (5) M Tu W Th F 9	102	Soc	Albig
202a	202b	202c	.....	Sociological Systems (3) Tu Th F 9	201	Soc	Young
1a	1b	1c	.....	Social Origins, Primitive Society, Psychological Foundations II (3) M W F 10	102	Soc	Albig
.....	112	.....	.....	Teaching of the Social Sciences (1) Tu 10	101	Soc	Young
136a	136b	.....	.....	Theory of Social Progress (3) M W F 10	101	Soc	Young
.....	.....	140	.....	Community Organization and Development (3) M W F 10	101	Soc	Young
162	.....	.....	.....	Social Unrest (1-2) Th 10	101	Soc	Parsons
.....	153	.....	.....	Criminology (1-2) Th 10	101	Soc	Parsons
.....	.....	154	.....	Matrimonial Institutions and Divorce (1-2) Th 10	101	Soc	Parsons
.....	.....	120	.....	Sociology and Ethics (3) M Tu F 11	102	Soc	Albig
203	.....	.....	.....	Social Survey (3) M W F 11	101	Soc	Young
.....	204	.....	.....	Social Statistics (3) M W F 11	101	Soc	Young
.....	.....	205	.....	Town, City, and Regional Planning (3) M W F 11	101	Soc	Young
104a	104b	.....	.....	Principles of Sociology II (5) M Tu W Th F 3	101	Soc	Parsons
151a	151b	151c	.....	Introduction to the Social Problem (2) Th 2-4	102	Soc	Albig
109	110	111	.....	Social Work Seminar and Conference **	**	**	Parsons

### ZOOLOGY

1a	1b	1c	3.50	Animal Biology (4) Tu W 8 Lab I M F 1-3, II M F 3-5, III Tu Th 1-3, IV Tu Th 3-5, V W 1-3 S 8-10, VI W 3-5 S 10-12	Villard Hall	Torrey
A	A	A	.....	Conferences (½) Th 8	Villard Hall	Torrey
101	.....	.....	5.00	Human Physiology (4) Tu W F 8 Lab I Tu 1-4, II W 1-4, III Th 1-4	.....	Torrey-Richards
.....	111	.....	5.00	Human Physiology (4) Tu W F 8 Lab I Tu 1-4, II W 1-4, III Th 1-4	.....	Torrey-Richards
.....	.....	102	4.00	General Physiology (4) Tu W 8 Lab I M W 1-4, II Tu Th 1-4	.....	Torrey-Richards
108	.....	.....	5.00	Comparative Anatomy (4) M Th 8 Lab I M F 1-4, II Tu Th 1-4, III W 1-4 S 9-12	.....	Huestis
.....	109	.....	5.00	Mammalian Anatomy (3) Th 8 Lab I M F 1-4, II Tu Th 1-4	.....	Huestis
.....	.....	124	3.00	Field Zoology (4) M Th 8 Lab **	.....	Huestis
107	.....	.....	5.00	Cytology and Comparative Histology (4) M W 9 Lab I M F 1-4, II Tu Th 1-4, III W 1-4 S 9-12	.....	Yocom
.....	104	.....	5.00	General Embryology (4) M W 9 Lab Tu Th 1-4	.....	Yocom
.....	.....	103	5.00	Vertebrate Embryology (4) M W 9 Lab I M F 1-4, II Tu Th 1-4, III W 1-4 S 9-12	.....	Yocom
10	.....	.....	.....	Organic Evolution (2) Tu Th 10	.....	Huestis
.....	115	.....	2.00	Genetics (3) Tu Th 10 Lab **	.....	Huestis
.....	.....	12	.....	Heredity (2) Tu Th 10	.....	Huestis
116	.....	.....	5.00	Protozoology (4) Tu Th 10 Lab Tu Th 1-4	.....	Yocom
.....	117	.....	5.00	Parasitology (4) Tu Th 10 Lab Tu Th 1-4	.....	Yocom
.....	.....	110	5.00	Advanced Invertebrate Zoology (4) Tu Th 10 Lab Tu Th 1-4	.....	Yocom
201a	201b	201c	.....	Seminar (1) Tu 7:30 p m	**	Torrey
5	5	5	4.00	Microscopical Technique (1) **	**	Yocom
120	120	120	5.00	Special Problems **	**	Staff

All other graduate courses to be arranged.

## Graduation Requirements

All candidates for undergraduate degrees must fulfill the requirements listed below. In addition, each candidate must comply with the prescribed curriculum of his school or department.

**Credit.** Credit for work completed in the University is figured in term-hours, by which is meant the work covered in one recitation, or one laboratory period per week for one term, or equivalent. A term hour is assumed to represent three hours a week for twelve weeks of a student's time, which may be assigned to work in the class-room, laboratory, or outside preparation.

**Quantity of Work.** In order to be graduated a student must have earned not less than 186 term-hours of credit in the University.

**Quality of Work.** Of the 186 hours required for graduation at least 140 must have been earned with a grade above V.

The grading system used by the University groups students in the following classes: All students who pass are assigned to one of the first five classifications.

I. Unusual excellence.

II. High quality. Classes I and II together constitute approximately the highest fourth or fifth of the class.

III. Satisfactory.

IV. Fair. Grades III and IV constitute from 55 to 65 percent of the class.

V. Passing. Approximately from 15 to 20 per cent of the class.

Inc., incomplete. Quality of work satisfactory, but unfinished for reasons acceptable to the instructor, and additional time granted.

**Group Requirements.** Each student must complete in the lower division (during the freshman and sophomore years) at least one year-course of not less than three hours each term in any three of the following four groups:

I. a. *English* (except prescribed work). b. *Languages.* Foreign language, ancient or modern.

II. *Social Science.* Including history, economics, political science, philosophy, sociology, education.

III. a. *Mathematics,* any three courses of lower division work. b. *Science,* including botany, chemistry, geology, physics, psychology and zoology. Each of these sciences shall include not less than one credit hour a week of laboratory time.

IV. *Arts and Technical Training.* a. *Arts.* Drama and the speech arts, fine arts, normal art and household arts, each including not less than one credit hour a week of laboratory or practice time. b. *Architecture.* In the school of architecture and allied arts, year courses, totalling nine hours. c. *Music.* d. *Accounting.*

**Major Requirements.** Each student must satisfy the requirements of his major department by taking courses in that department as prescribed by his adviser amounting to not less than 36 term-hours of which not less than 24 term-hours shall be advanced courses of the type described as "upper division," or junior and senior work. This major requirement is waived only in the case of certain rather rigid professional curricula which have been specifically authorized by the faculty.

**Degree Requirements.** Two year-courses in a foreign language, in addition to that offered for entrance, are required for the degree of B.A., and 36 term-hours in either science or social sciences for the B.S.

**Residence.** At least 45 term-hours must be earned in residence at the University of Oregon. The remainder of the requisite work is sometimes done through the Extension Division by correspondence, subject to the rule which applies to all students that not more than 60 term-hours earned by correspondence may be applied toward a degree. The 45 term-hours immediately preceding graduation must be earned with the University of Oregon (except in the department of pre-engineering), although not necessarily in residence.

### Required Subjects:

Physical Education. All students must take physical education throughout the freshman and sophomore years.

Military Training must be taken by all men during the freshman and sophomore years.

Personal Hygiene must be taken by all women to the extent of three term-hours during the freshman year.

English. One year-course of written English as prescribed by the school or department. This course may not be taken in the freshman year.

**Restrictions.** Not more than one year (48 term-hours) of law, or of Portland medical work may be applied to any degree other than professional degrees. Not more than six hours of applied music may count toward any degree other than bachelor of music. (Note: This rule refers only to applied music, such as piano, voice, violin, organ, etc., not to theoretical music courses).

# Curricula of Schools and Departments

## ARCHITECTURE AND ALLIED ARTS

### COURSES OF STUDY IN ARCHITECTURE

#### DESIGN OPTION

(Five-year course leading to the Degree of Bachelor of Architecture)

FIRST YEAR		Fall	Winter	Spring
Graphics I .....	2	2		
Delineation I .....	2	2		3
Design I .....	1	1		1
Construction I .....				1
History I .....	1	1		1
Electives—Approved by advisers .....	8-9	8-9		8-9
Military Science (men) or Personal Hygiene (women) .....	1	1		1
Physical Education .....	1	1		1
	16-17	16-17		16-17

Electives recommended: mathematics, language, English, music, science (physics, chemistry, geology, zoology).

SECOND YEAR				
Graphics II .....	2	2		2
Delineation II .....	2	2		2
Design II .....	2	2		2
History II .....	2	2		2
Physical Education .....	1	1		1
Military Science (men) .....	1	1		1
Electives .....	6-7	6-7		6-7
	16-17	16-17		16-17

Electives recommended as in first year, with the addition of written English, logic, ethics, and elementary philosophy.

THIRD YEAR				
Delineation III .....	2	2		2
Design III .....	4	4		4
History III .....	2	2		2
Construction II .....	1	1		1
Construction III .....	3	3		3
(continued)				
Electives .....	4-5	4-5		4-5
	16-17	16-17		16-17

Electives recommended as above with the following additions: public speaking, astronomy, principles of economics.

FOURTH YEAR				
Delineation IV .....	2	1		1
Design IV .....	4	5		6
Design V .....	1	1		1
Construction IV .....	1	1		1
Construction V .....	1	1		1
Construction VI .....	2	2		2
Electives .....	5-6	5-6		4-5
	15-17	15-17		16-17

Electives recommended as in other years, with the addition of: world literature, aesthetics, psychology.

FIFTH YEAR				
Delineation V .....	1	1		1
Design VI .....	10	10		10
Design VII .....	1	1		1
History IV .....	2	2		2
Practice .....	1	1		1
	15	15		15

## STRUCTURAL OPTION

The freshman year is identical with that of the Design Option

Electives in the freshman year should include advanced algebra, trigonometry, and analytic geometry.

SOPHOMORE	Fall	Winter	Spring
General Physics .....	4	4	4
Calculus .....	4	4	4
Architectural History II .....	2	2	2
Architectural Design II .....	2	2	2
Construction II .....	1	1	1
Elementary Mechanics .....		3	3
Physical Education .....	1	1	1
Military Science (men) .....	1	1	1
	<u>15</u>	<u>18</u>	<u>18</u>

JUNIOR	Fall	Winter	Spring
Mechanics .....	3	3	3
Architectural History III .....	2	2	2
Construction IV .....	1	1	1
Principles of Economics .....	4	4	4
Surveying .....		2	2
Strength of Materials .....		3	3
Wooden Trusses .....			2
Stresses .....			3
Masonry .....	4		
Graphic Statics .....	2	2	
Written English .....	2	2	2
	<u>18</u>	<u>19</u>	<u>18</u>

SENIOR	Fall	Winter	Spring
Reinforced Concrete .....	3	3	
Heating and Ventilation .....	3		
Electric Lighting and Wiring .....		3	
Mechanical Appliances .....			3
Arches .....	3	3	
Foundations .....	3		
Steel Trusses .....	2	2	
Steel Frame Buildings .....		2	2
Construction V .....	1	1	1
Architectural Practice .....	1	1	1
Civilization and Art Epochs .....	2	2	2
Hydraulics .....			3
Thesis .....			5
	<u>18</u>	<u>17</u>	<u>17</u>

## COURSE OF STUDY FOR MAJORS IN FINE ARTS

FRESHMAN	Fall	Winter	Spring
Elementary Still Life and Cast drawing .....	1	1	1
Decorative Design I .....	2	2	2
Art Appreciation .....	1	1	1
Color Theory .....	1	1	1
Modeling .....	1	1	1
Foreign Language .....	4	4	4
Science or Social Science group .....	3-4	3-4	3-4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	<u>15-16</u>	<u>15-16</u>	<u>15-16</u>
SOPHOMORE	Fall	Winter	Spring
Life Class .....	2	2	2
Oil Painting I .....	1	1	1
Decorative Design II .....	2	2	2
Book and Poster I .....	2	2	2
Foreign Language (continuation) .....	3-4	3-4	3-4
Written English or History and Appreciation of Music .....	2-3	2-3	2-3
Elective .....	3	3	3
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
	<u>15-17</u>	<u>15-17</u>	<u>15-17</u>

JUNIOR			
	Fall	Winter	Spring
Oil Painting II .....	1	1	1
Civilization and Art Epochs .....	2	2	2
Decorative Design III .....	2	2	2
Life Class .....	4	4	4
Artistic Anatomy .....	1	1	1
Advanced Modeling .....	1	1	1
Written English or Elective .....	2-3	2-3	2-3
Elective .....	3	3	3
	15-16	15-16	15-16
SENIOR			
Life Class .....	4	4	4
Mural Decoration and Stained Glass .....	2	2	2
Decorative Design IV .....	2	2	2
Advanced Modeling .....	1	1	1
Oil and Water Color .....	1	1	1
Electives .....	5-7	5-7	5-7
	16	16	16

## COURSE OF STUDY FOR MAJORS IN NORMAL ART

FRESHMAN			
	Fall	Winter	Spring
<b>Major Subjects (required):</b>			
Design I, 91 .....	2	2	2
Representation I, 93 .....	1	1	1
Applied Design I, 97 .....	2	2	2
Color Theory 23 .....	1	1	1
<b>Minor Subjects:</b>			
French (required) .....	4	4	4
Electives, English outlines, history, music, social science, mathematics, laboratory science, physical education or household arts .....	3-4	3-4	3-4
<b>Required Freshman Subjects:</b>			
Physical Education .....	1	1	1
Personal Hygiene .....	1	1	1
	15-16	15-16	15-16
SOPHOMORE:			
<b>Major Subjects (required):</b>			
Representation II, 94 .....	1	1	1
Design II, 92 .....	2	2	2
Life and Costume 95 .....	1	1	1
Instrumental Drawing 53 .....	1	1	1
Art Appreciation .....	1	1	1
<b>Minor Subjects:</b>			
French .....	3-4	3-4	3-4
Education 51, 52, 53 .....	3	3	3
Written English .....	3	3	3
Physical Education .....	1	1	1
	16-17	16-17	16-17
JUNIOR			
<b>Major Subjects (required):</b>			
Pedagogy 191 .....	2	2	2
Dress Design 195 .....	3	3	3
Pen and Pencil 110 .....	1	1	1
Modeling 24 .....	1	1	1
Applied Design II, 193 .....	2	2	2
<b>Minor Subjects:</b>			
World History (required) .....	4	4	4
<b>Elective:</b>			
History, social science, language, mathematics, laboratory science, physical education, music, world literature, or household arts .....	3-4	3-4	3-4
	16-17	16-17	16-17
SENIOR			
<b>Major Subjects (required):</b>			
Home Decoration 197 .....	3	3	3
Civilization and Art Epochs 141 .....	2	2	2
Life Class 131 .....	1	1	1
Oil and Water Color or Modeling .....	1	1	1
Supervised Teaching .....	3	3	2
<b>Minor Subjects: One course in following subjects: history, music, social science, mathematics, laboratory science, physical education or household arts .....</b>			
	4	4	4
	14	14	13

**BOTANY**  
**COURSE OF STUDY FOR MAJORS**

	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
<b>FRESHMAN</b>			
General Botany .....	4	4	4
French, German or Spanish .....	4	4	4
Chemistry or Animal Biology .....	4	4	4
History .....	3-4	3-4	3-4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	17-18	17-18	17-18
<b>SOPHOMORE</b>			
Systematic, Economic, and Field Botany .....	3	3	3
General Physics .....	4	4	4
French, German or Spanish (continuation) .....	3-4	3-4	3-4
Education 51, 52, 53 or elective .....	3	3	3
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
	15-16	15-16	15-16
<b>JUNIOR</b>			
Plant Histology .....	4	4	4
Sanitation and Bacteriology .....	3	4	4
Written English .....	3	3	3
Education .....	3-4	3-4	3-4
Elective .....	3	3	3
	16-17	16-17	16-17
<b>SENIOR</b>			
Botanical Problem .....	2-3	2-3	2-3
Plant Physiology and advanced Botany .....	3-4	3-4	3-4
Botany Seminar .....	1	1	1
Education or electives .....	7-8	7-8	7-8
	15-16	15-16	15-16

Majors in Botany not intending to teach will take electives instead of the education courses prescribed.

**BUSINESS ADMINISTRATION**  
**COURSE OF STUDY IN ACCOUNTING**

	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
<b>FRESHMAN</b>			
Constructive Accounting .....	4	4	4
*Elective .....	5	5	5
Economic History .....	4	4	5
*Elective .....	4	4	4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	15	15	15
<b>SOPHOMORE</b>			
Written and Spoken English .....	3	3	3
Principles of Economics .....	4	4	5
Money and Banking .....	3	3	3
Organization and Management .....	3	3	3
Records and Statistical Management .....	3	3	3
Labor Management .....	1	1	1
*Elective .....	1	1	1
Military Science .....	1	1	1
Physical Education .....	1	1	1
	15	15	16
<b>JUNIOR</b>			
Finance Management .....	5	5	5
Market Management .....	4	4	4
Salesmanship and Advertising Management .....	4	2	2
Law of Contracts .....	4	2	2
Law of Sales of Personal Property .....	3	3	3
Law of Agency .....	3	3	3
Law of Partnership .....	4	4	3
Law of Corporation .....	2	2	2
Accounting Theory and Auditing .....	2	2	2
Public Finance .....	2	2	2
Conservation of National Resources .....	2	2	2
*Elective .....	2	2	2
	18	18	17

	Fall	Winter	Spring
SENIOR			
Advanced Accounting Theory and Auditing .....	3	3	3
Elective .....	4		
Senior Thesis .....		4	
Personal Efficiency Management .....		2	
Advanced Problems in Management .....			4
Income Tax .....	3		
Cost Accounting .....		3	3
Seminar .....	2	2	2
*Elective .....	4	2	4
	<hr/>	<hr/>	<hr/>
	16	16	16
GRADUATE			
C. P. A. Problems .....	3	3	3
Systems .....	5	5	5
Seminar .....	2	2	2
Law .....	5	5	5
	<hr/>	<hr/>	<hr/>
	15	15	15

\* All electives starred must be selected from courses given outside the School of Business Administration.

## COURSE OF STUDY IN FINANCE

	Fall	Winter	Spring
FRESHMAN			
Constructive Accounting .....	4	4	4
*Elective .....	5		
Economic History .....		5	
*Elective .....	4	4	4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	<hr/>	<hr/>	<hr/>
	15	15	15
SOPHOMORE			
Written and Spoken English .....	3	3	3
Principles of Economics .....	4	4	
Money, Banking and Crises .....			5
Organization and Management .....	3		
Records and Statistical Management .....		3	
Labor Management .....			3
*Elective .....	4	4	4
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
	<hr/>	<hr/>	<hr/>
	16	16	17
JUNIOR			
Salesmanship and Advertising Management .....	5		
Finance Management .....		5	
Marketing Management .....			5
Law of Contracts .....	4		
Law of Agency .....		2	
Law of Sales of Personal Property .....		2	
Law of Partnership .....			2
Law of Competition .....			2
Public Finance .....	4	4	
Conservation of National Resources .....			3
*Elective .....	3	3	3
	<hr/>	<hr/>	<hr/>
	16	16	15
SENIOR			
**Elective .....	4	4	4
Investments .....	3	3	
International Banking .....			5
Banking Procedure and Practice .....		4	
Life Insurance .....	3		
Senior Thesis .....			4
*Elective .....	4	4	4
Personal Efficiency Management .....		2	
	<hr/>	<hr/>	<hr/>
	14	17	17

\*Electives to be selected from courses listed outside of the School of Business Administration.

\*\*Elective in business administration to be selected upon consultation with adviser.

## COURSES OF STUDY IN FOREIGN TRADE

	FRESHMAN	Fall	Winter	Spring
Economic History .....		5		
*Elective .....			5	5
Constructive Accounting .....		4	4	4
Foreign Language .....		4	4	4
Military Science (men) or Personal Hygiene (women) .....		1	1	1
Physical Education .....		1	1	1
		15	15	15
SOPHOMORE				
Written and Spoken English .....		3	3	3
Organization and Management .....		3		
Labor Management .....			3	
Records and Statistical Management .....				3
Principles of Economics .....		4	4	
Money, Banking and Crises .....				5
Foreign Language (continuation) .....		4	4	4
Military Science .....		1	1	1
Physical Education .....		1	1	1
		16	16	17
JUNIOR				
Salesmanship and Advertising Management .....		5		
Finance Management .....			5	
Marketing Management .....				5
Railroad Economics .....		4		
Water Transportation .....			4	
Control of Carriers .....				4
Law of Contracts .....		4		
Law of Agency .....			2	
Law of Sales of Personal Property .....			2	
Law of Competition .....				2
Law of Partnership .....				2
*Elective .....		4	4	4
		17	17	17
SENIOR				
**Elective .....		4	4	
Personal Efficiency Management .....			2	
Advanced Management Problems .....				4
Principles of Foreign Trade .....		3		
Technique of Foreign Trade .....			3	
International Finance .....				5
*Elective .....		4	4	4
Senior Thesis .....		4		
		15	13	13

\*Electives to be selected from courses listed outside of the School of Business Administration.

\*\*Electives in Business Administration to be selected upon consultation with adviser.

## BUSINESS ADMINISTRATION AND HOUSEHOLD ARTS

	FRESHMAN	Fall	Winter	Spring
Constructive Accounting .....		4	4	4
Economic History .....		5		
*Elective .....			5	5
Textiles and Clothing .....		3-4	3-4	3-4
Physical Education .....		1	1	1
Personal Hygiene .....		1	1	1
		14-15	14-15	14-15
SOPHOMORE				
Written and Spoken English .....		3	3	3
Principles of Economics .....		4	4	
Organization and Management .....				3
Money, Banking, and Crises .....				3
Food Economics and Foods .....		3-4	3-4	3-4
Elective .....		4	4	4
Physical Education .....		1	1	1
		16	16	16

JUNIOR			
	Fall	Winter	Spring
Salesmanship and Advertising Management .....	5		
Marketing Management .....		5	
Finance Management .....			5
Foods or Clothing (advanced courses) .....	3	3	3
Contracts .....	4		
Agency .....		2	
*Elective .....			2
Bills and Notes .....		2	
Law of Partnership .....			2
*Elective .....	4	4	4
	16	16	16

SENIOR			
	Fall	Winter	Spring
Food or Nutrition Problems .....	3		
Home Nursing .....		3	
Child Care .....			3
Advertising .....	3	3	
Advanced Problems in Management .....			4
*Elective .....	4		
**Elective .....		2-4	
Personal Efficiency Management .....		2	
*Elective .....	4	4	4
Senior Thesis .....			4
	14	16	15

\*Electives to be selected from courses listed outside of the School of Business Administration.

\*\*Electives in Business Administration to be selected upon consultation with adviser.

THE SIX-YEAR BUSINESS ADMINISTRATION-LAW COURSE

FRESHMAN			
	Fall	Winter	Spring
Constructive Accounting .....	4		4
*Elective .....	5		5
Economic History .....		5	
*Elective .....	4	4	4
Military Science .....	1	1	1
Physical Education .....	1	1	1
	15	15	15

SOPHOMORE			
	Fall	Winter	Spring
Labor Management .....	3		
Records and Statistical Management .....		3	
Organization and Management .....			3
Principles of Economics .....	4	4	
Money and Banking .....			5
Written and Spoken English .....	3	3	3
*Elective .....	4	4	4
Military Science .....	1	1	1
Physical Education .....	1	1	1
	16	17	17

JUNIOR			
	Fall	Winter	Spring
Finance Management .....	5		
Marketing Management .....		5	
Salesmanship and Advertising Management .....			5
Public Finance .....	4	4	
Conservation of National Resources .....			3
*Elective .....	4		
Advanced Problems in Management .....			4
Production Management .....		2	
*Elective .....	3	3	3
	16	14	15

\*Electives to be selected from courses listed outside of the School of Business Administration.

*Advanced Work.* The Law School part of this combined course will consist of the regular law course of three years. The first year of work in the Law School is fully prescribed, and consists of the following courses: Agency, Contracts, Criminal Law, Personal Property, Procedure I (introduction to law and the use of law books), Procedure II (brief-making), Real Property, and Torts. In the second and third year some election is provided for, and selection may be made from the following courses: Bankruptcy, Bills and Notes, Corporations (private) Corporations (municipal), Constitutional Law, Equity, Evidence, Insurance, Mortgages, Code Pleading, Oregon Practice, Office Practice, Trial Practice, Public Utilities, Real Property, Sales, Trusts, and Wills.

CHEMISTRY			
COURSE OF STUDY FOR MAJORS			
	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
<b>FRESHMAN</b>			
General Chemistry .....	5	5	5
Mathematics (Advanced Algebra, Analytical Geometry, Trigonometry) .....	4	4	4
German or French .....	4	4	4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	15	15	15
<b>SOPHOMORE</b>			
Analytical Chemistry .....	4	4	4
German or French .....	3-4	3-4	3-4
General Physics .....	4	4	4
Calculus .....	4	4	4
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
	16-18	16-18	16-18
<b>JUNIOR</b>			
Organic Chemistry .....	4	4	4
Electrical Measurements, General Geology, Animal Biology, or Sanitation and Bacteriology .....	3-4	3-4	3-4
Written English .....	3	3	3
World History and World Literature, or other social science group .....	4-6	4-6	4-6
	15-17	15-17	15-17
<b>SENIOR</b>			
Physical Chemistry .....	4	4	4
Courses in advanced chemistry .....	3	3	
Seminar .....	1	1	1
Electives, including optional thesis .....	8-9	8-9	11-12
	16-17	16-17	16-17

## DRAMA AND THE SPEECH ARTS

COURSE OF STUDY FOR MAJORS			
	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
<b>FRESHMAN</b>			
First Year Dramatic Company .....	3	3	3
Modern European Language .....	3-4	3-4	3-4
History or Laboratory Science .....	3-4	3-4	3-4
Color Theory .....	1	1	1
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
Elective .....	1-3	1-3	1-3
	15-17	15-17	15-17
<b>SOPHOMORE</b>			
Second Year Dramatic Company .....	4	4	4
Foreign Language (continuation) .....	3-4	3-4	3-4
Shakespeare .....	3	3	3
World Literature (first year) .....	2	2	2
Education 51, 52, 53, or Beginners Psychology, or Short Story .....	2-3	2-3	2-3
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
	16-17	16-17	16-17
<b>JUNIOR</b>			
Third Year Dramatic Company .....	5	5	5
Technique of the Speaking Voice and Dramatization .....	3	3	3
Foreign Language .....	2-3	2-3	2-3
World Literature (second year) .....	2	2	2
World History or Elective or Education or Norm (for intending teachers) .....	3-4	3-4	3-4
	15-17	15-17	15-17
<b>SENIOR</b>			
The Company .....	5	5	5
Foreign Language .....	1-3	1-3	1-3
Education or Norm (for intending teachers) .....	5-6	5-6	5-6
Elective .....	4-8	4-8	4-8
	14-16	14-16	14-16

NOTE: Students must have satisfied the University requirement of one year of written English through short story, playwriting, or some other accepted course. This course may be taken in the senior year.

## ECONOMICS

## COURSE OF STUDY FOR MAJORS IN ECONOMICS

	Freshman	Sophomore	Junior	Senior
	<b>FRESHMAN</b>			
Modern Governments .....	Fall 4	Winter 5	Spring 4	
Economic History .....	4	4	4	
Mathematics or Laboratory Science .....	4	4	4	
Elementary or Second Year Language .....	4	4	4	
Military Science (men) or Personal Hygiene (women) .....	1	1	1	
Physical Education .....	1	1	1	
Elective .....	2-3	2-3	2-3	
	16-17	17-18	16-17	
	<b>SOPHOMORE</b>			
Principles of Economics .....	4	4		
Labor Problems or Conservation of Nat. Res. ....			2-4	
Foreign Language (continuation of first year) .....	3-4	3-4	3-4	
Psychology .....	3	3	3	
Military Science (men) .....	1	1	1	
Physical Education .....	1	1	1	
Elective .....	4	4	4	
	16-17	16-17	16-17	
	<b>JUNIOR</b>			
Trusts and Combinations, Public Utilities, and Modern Industrial Tendencies, or Transportation (three term courses) .....			5	
Principles of Sociology .....	5	5		
New Social Order .....			5	
Written English .....	3	3	3	
Electives .....	3-4	3-4	3-4	
	16-17	16-17	16-17	
	<b>SENIOR</b>			
Public Finance, and Money and Banking, or Organized Labor, Labor Legislation .....	4	4	4-5	
History of Economic Thought .....	3	3	3	
Electives .....	9	9	9	
	16	16	16-17	

NOTE: Second, third, and fourth year electives are sufficient in number to provide for the two year-courses in world history and world literature, and (in the case of any intending to teach in the high schools) for pedagogy.

## COURSE IN TRAINING FOR PUBLIC SERVICE

	Freshman	Sophomore	Junior	Senior
	<b>FRESHMAN</b>			
Modern Governments .....	Fall 4	Winter 4	Spring 5	
Economic History .....	4	4	4	
Constructive Accounting .....	4	4	4	
French or German .....	4	4	4	
Physical Education .....	1	1	1	
Military Science (men) or Personal Hygiene (women) .....	1	1	1	
Elective .....	3	3	3	
	17	17	18	
	<b>SOPHOMORE</b>			
Principles of Economics .....	4	4		
Economics of Business Organization .....			5	
Acct. Theory and Practice .....	3	3	3	
French or German .....	3-4	3-4	3-4	
City Government .....	4			
Law of Competition .....		2		
Constitutional Law .....			4	
Physical Education .....	1	1	1	
Military Science (men) .....	1	1	1	
	16-17	16-17	17-18	
	18	18	19	

	JUNIOR	Fall	Winter	Spring
Trusts and Monopolies .....	5			
Public Utilities .....			5	
Industrial Tendencies .....				5
Advanced Accounting and Auditing .....	4	4		4
Public Finance .....	4	4		
Business Finance .....				5
Principles of Sociology .....	5	5		
New Social Order .....				5
	SENIOR			
Railway Economics .....	4			
Water Transportation .....			4	
Control of Carriers .....				4
Manager's Use of Accounting .....	5			
Cost Accounting for Industrials .....			3	3
Utility Commissions .....	3			
Railway Commissions .....			3	
Labor Commissions .....				3
Written English .....	2-3	2-3		2-3
Elective .....	3	3		3
	15-17	15-16	15-16	15-16

## EDUCATION

## COURSE FOR TEACHERS OF SCIENCE

This course, leading to the degree of bachelor of science in education, is characterized by its substitution of an extensive training in the fundamental sciences, which are commonly taught in high schools, for the customary major requirement in a single department. It prescribes basic courses in botany, physics, zoology and geology, and further requires that the student shall select some one of the sciences as a specialty, which is to be pursued for at least a year beyond the prescribed fundamental course.

	FRESHMAN	Fall	Winter	Spring
Botany (or zoology) .....	4	4	4	4
Geology .....	4	4	4	4
Group and other elective .....	5-7	5-7	5-7	5-7
Physical Education .....	1	1	1	1
Military (men) or Personal Hygiene (women) .....	1	1	1	1
	15-17	15-17	15-17	15-17
	SOPHOMORE			
Physics .....	4	4	4	4
Zoology (or botany) .....	4	4	4	4
Education .....	3	3	3	3
Group and other elective .....	4-5	4-5	4-5	4-5
Physical Education .....	1	1	1	1
Military (for men) .....	1	1	1	1
	16-18	16-18	16-18	16-18
	JUNIOR			
Written English .....	3	3	3	3
Advanced elected Science .....	3-4	3-4	3-4	3-4
Observation of Teaching .....				6
Electives .....	10	10		6
	16-17	16-17	15-16	15-16
	SENIOR			
Practice Teaching .....				
Department Methodologies .....				
Electives .....				

The electives of the first two years must include at least one year-course of not less than three hours per term in either the first or the fourth group. They may well include such subjects as literature, foreign language, history or government, chemistry, mathematics, mechanics, mechanical drawing or household arts.

The upper division courses will include the courses in Education and Practice Teaching required for certification and at least two methodology courses (6 term hours). The remaining hours may be taken as free elective. Additional courses in the sciences already begun, or courses in mathematics, chemistry, physiology, astronomy or graphics will appeal to those who wish as complete a grasp as possible of the range of high school science.

## PROFESSIONAL CURRICULA

The following courses of study show the work in the School of Education which should be followed by students whose special interest lies in the fields of secondary education, school administration, or special positions with defectives and delinquents. Related work in the college or in other schools of the University is shown only when it is necessary in building the proper curriculum.

## COURSES IN EDUCATION FOR MAJORS IN SECONDARY EDUCATION

## A. Principals and Supervisors (45 hours required).

SOPHOMORE			
	Fall	Winter	Spring
Education 51, 52, 53 .....	3	3	3
JUNIOR			
High School Problems and Theory and Observation of Teaching (any two terms) .....	3	3	
Junior Electives; 6 to 9 hours from—			
Mental Tests and Individual Differences .....	3	3	3
Educational Hygiene .....	3	3	3
Psychology of Childhood .....	3	3	3
SENIOR			
*Supervised Teaching (either semester) .....	5	2	
Advanced Cycle; any three courses from—			
High School Administration and Supervision .....			
Measurement in Secondary Education .....			
Advanced Course in High School Teaching .....			
The Junior High School .....	3	3	3
Senior Electives; 6 hours from—			
History of American Education .....	2	2	2
Tests and Measurements .....	3	3	
Social Education .....	3		
School Administration .....			3
Research and Seminar (3 to 6 hours) .....	2	2	2

## B. High School Teachers (36 hours required).

SOPHOMORE			
	Fall	Winter	Spring
Education 51, 52, 53 .....	3	3	3
High School Problems and Theory and Observation of Teaching (any two terms) .....	3	3	
Hygiene of Learning or Individual Differences .....			3
JUNIOR OR SENIOR			
Special Methods in Preferred Subject .....			
SENIOR			
*Supervised Teaching (either semester) .....	5	2	
Advanced Course in High School Teaching or Measurements in Secondary Education .....		3	
Junior High School .....			3
Electives in Education; 3 to 6 hours from—			
Social Education .....	3		
Tests and Measurements .....	3	3	
History of American Education .....			2
*Normal graduates or teachers of considerable experience will be excused from practice teaching.			

## SUGGESTED COURSES IN EDUCATION FOR MAJORS IN SCHOOL ADMINISTRATION

SOPHOMORE			
	Fall	Winter	Spring
Elementary Cycle in Education .....	3	3	3
JUNIOR			
Mental Tests .....	3	3	
High School Problems .....			3
Theory and Observation of Teaching; Educational Hygiene .....	3	3	3
SENIOR			
Educational Tests and Measurements .....	3	3	
Organization of Common School Curricula .....		3	3
Social Education .....	3		
School Administration .....			3
Research in School Administration .....	1-4	1-4	1-4
*Supervised Teaching .....		5	
Six hours from the following courses:			
History of American Education .....	2	2	2
High School Administration and Supervision .....	3		
The Junior High School .....			3

\*Normal graduates and teachers with considerable experience are exempted from observation and practice teaching.

COURSES RECOMMENDED FOR MAJORS PREPARING FOR SPECIAL POSITIONS  
WITH DEFECTIVES AND DELINQUENTS

	SOPHOMORE	Fall	Winter	Spring
Elementary cycle in education .....		3	3	3
JUNIOR				
Psychology of Childhood .....		3	3	3
Introduction to Philanthropy .....		2	2	2
Social Pathology .....		2	2	2
Social Education .....		4		
Electives .....		4	8	8
Recommended that part of electives be in psychology.				
SENIOR				
Mental Tests .....		3	3	3
Educational Tests and Measurements .....				4
Systematic Psychology .....		3	3	3
Social Work .....		2	2	2
Electives .....		8	8	5
Three hours electives must be in education.				
FIFTH YEAR—FOR GRADUATES				
<i>Major:</i>				
Thesis .....		3	3	3
Advanced Educational Psychology .....		2	2	2
Research .....		2	2	2
Electives .....		3	3	3
<i>Minor:</i>				
Advanced Experimental Psychology .....		2		
Advanced Physiological Psychology .....			2	
Higher Thought Processes and Volition .....				2
Electives .....		3	3	3

For social workers the fifth year is to be taken in the School of Social Work in Portland.

## NORMS

After September, 1924, the University of Oregon will recommend no graduate to the state superintendent of public instruction for the general high school certificate who has not completed either (a) a major course of study and one "norm" of academic work; or (b) two such norms of academic work, in each case in addition to the professional requirements specified in the Oregon school law; provided, however, that students electing to take the two-norm course as distinct from a major course and one norm shall be required to register as students in the School of Education and proceed to the degree of Bachelor of Science in Education.

Following is the list of norms, intended to correspond to the main lines of high school teaching which are undertaken by the University's graduates.

## LIST OF NORMS

I. ENGLISH	<i>No. of Course—Title</i>	<i>Term Hours</i>
	5,6,7—American Literature .....	9
	130—Teachers' Course, Composition .....	3
	1,2,3—Outlines of English Literature .....	12
	20—Wordsworth .....	3
	40,41,42—Shakespeare .....	9
	175—Teaching of Literature .....	5
		41
II. HISTORY, CIVICS, ECONOMICS		
	61,62,63—English History or	
	41,42,43—Modern European History .....	12
	71,72,73—American History .....	12
	1—American Government .....	4
	3a,b—Principles of Economics .....	8
	—Sociology .....	3
		39

	<i>Term Hours</i>
<b>III. MATHEMATICS</b>	
3—Advanced Algebra .....	4
4—Plane Trigonometry .....	4
5—Analytical Geometry .....	4
61a,b—Differential and Integral Calculus .....	8
105—Theory of Equations and Determinants .....	3
101—History and Teaching of Mathematics .....	3
	26
<b>IV. LATIN</b>	
21a,b,c—Horace, Vergil and Livy .....	9
22a,b—Latin Prose Composition .....	4
22c—Platus, Terence, Martial .....	2
51a,b,c—Latin Elegy and Drama .....	9
52a—Latin Prose Composition (2nd year) .....	2
52b,c—Ovid, Catullus and Caesar (Civil War) .....	4
151c—Latin Pedagogy .....	3
	33
<b>V. FRENCH</b>	
1a,b,c—Elementary French .....	12
2a,b,c—Second Year French .....	12
103a,b,c—French Literature .....	9
105a,b,c—French Conversation .....	9
	42
For 103 students may substitute French Composition 106 and French Pronunciation 107.	
<b>VI. SPANISH</b>	
11a,b,c—Elementary Spanish .....	12
12a,b,c—Second Year Spanish .....	12
113a,b,c—Spanish Literature .....	9
115a,b,c—Spanish Conversation .....	9
	42
For 113 students may substitute Spanish Conversation 117 or Commercial Spanish 160.	
<b>VII. SCIENCE GROUP A (BIOLOGICAL)</b>	
1,2,3—General Botany .....	12
1a,b,c—Animal Biology .....	12
1a,b and 2—General Geology .....	12
—Pedagogical course in one subject .....	3
	39
<b>VIII. SCIENCE GROUP B (EXACT SCIENCES)</b>	
4,5,6—General Physics .....	12
101—History and Teaching of Physics .....	3
2a,b,c—Elementary Chemistry .....	12
114-115-116—Electrical Measurements (9 term hours) and	
100—Laboratory Arts (3 term hours) or	
3,4,5—Analytical Chemistry .....	12
	39
For 114-115-116 students may substitute Essentials of Physics 1-2-3, or Advanced General Physics 111-112-113.	
<b>IX. MUSIC</b>	
1—Elements of Musical Science .....	9
9,10,11—History and Appreciation of Music .....	6
2—Contrapuntal Analysis .....	3
3—Formal Analysis .....	3
—Applied Music (Piano, voice, violin, organ) .....	2
12a,b,c—Public School Music Methods .....	9
13a,b,c—Scientific Music Reading .....	3
—Practice teaching at least one year .....	7
	42
<b>X. PHYSICAL EDUCATION</b>	
Introduction to Physical Education .....	9
Fundamentals of Physical Education .....	9
102a,b,c—Play and Playground Management .....	7
101a,b,c—Technique of Teaching .....	6
—Coaching, at least one course .....	2
—Participation in three sports under supervision (no credit) .....	—
	33

## ENGLISH

## COURSE OF STUDY FOR MAJORS

## LITERATURE OPTION

	Freshman	Sophomore	Junior	Senior
Outlines of English Literature .....	4	3	3	3
American Literature .....	3	3	3	3
Latin, French, or German .....	4	4	4	4
English History .....	4	4	4	4
Military Science (men) or Personal Hygiene (women) .....	1	1	1	1
Physical Education .....	1	1	1	1
	16-17	16-17	16-17	
English Poetry, Wordsworth, Ruskin .....	3	3	3	
Shakespeare,* or Written English, or Education 51, 52, and Elective .....	3	3	3	
Latin, French, or German (continuation) .....	3-4	3-4	3-4	
Psychology or General Geology (lab.) .....	4	4	4	
Military Science (men) .....	1	1	1	
Physical Education .....	1	1	1	
Elective .....	2	2	2	
	17	17	17	

\* Majors expecting to teach must elect Education 51 and 52, but must then make provision for Shakespeare from the electives of the junior year.

	Junior	Senior
Romantic Poets, Victorian Poets, Classic Poets .....	3	3
English Novel .....	3	3
Written English* .....	2-3	2-3
Latin, French, or German (continuation) .....	3	3
Observation Teaching, Teaching of Composition, and Teaching of Literature † .....	3	3
Minor, Norm or Elective .....	2-4	2-4
	16-18	16-18

\* Required for degree unless taken in sophomore year.  
† Required only of those intending to teach.

	Senior
Anglo-Saxon* .....	3
History of English Literature † .....	3
Living Writers .....	4
Seminar ‡ .....	3
Supervised Teaching and Norm (for intending teachers), or Minor, or Elective .....	6-8
	15-17

\* Required of students contemplating graduate work in English.  
† For candidates for honors and for intending teachers.  
‡ For candidates for honors.

## WRITING OPTION

	Freshman	Sophomore	Junior	Senior
Written English .....	2-3	2-3	2-3	2-3
Outlines of English Literature .....	4	4	4	4
Latin, French or German .....	4	4	4	4
General Geology .....	4	4	4	4
Military Science (men) or Personal Hygiene (women) .....	1	1	1	1
Physical Education .....	1	1	1	1
	16-17	16-17	16-17	
Written English .....	2-3	2-3	2-3	
American Literature .....	3	3	3	
Foreign Language (continuation) .....	3-4	3-4	3-4	
Military Science (men) .....	1	1	1	
Physical Education .....	1	1	1	
Education* 51, 52, 53, or English History .....	3-4	3-4	3-4	
Electives .....	1-4	1-4	1-4	
	17	17	17	

CURRICULA

JUNIOR	Fall	Winter	Spring
Written English .....	2-3	2-3	2-3
Shakespeare .....	3	3	3
Foreign Language (continuation) .....	2-3	2-3	2-3
(1) Teaching of Composition, Observation of Teaching, Teaching of Literature .....	3	3	5
Minor, Norm or elective .....	4-7	4-7	4-7
	16-17	16-17	16-17
SENIOR			
Written English .....	2-5	2-5	2-5
Wordsworth * .....	3	3	3
Anglo-Saxon, and Chaucer † .....	3	3	3
History of English Literature ‡ .....	3	3	3
Supervised Teaching and Norm (for intending teachers) or Minor or elective .....	4-15	4-15	4-15
	16-17	16-17	16-17

\* For intending teachers.

† Required of students contemplating graduate work in English.

‡ For candidates for honors and intending teachers.

COURSE OF STUDY FOR PRE-LIBRARY TRAINING

FRESHMAN	Fall	Winter	Spring
English Outlines .....	4	4	4
First year French (or other language) .....	4	4	4
Animal Biology or Botany .....	4	4	4
History or Elective .....	3-4	3-4	3-4
Physical Education .....	1	1	1
	16-17	16-17	16-17
SOPHOMORE			
Second year French .....	4	4	4
American Literature or literature elective .....	3	3	3
World History .....	4	4	4
Principles of Economics .....	4	4	4
Essentials of Geology .....	1	1	1
Physical Education .....	1	1	1
	16	16	16
JUNIOR			
Second Foreign Language .....	4	4	4
French Literature, or Education 51, 52, 53, or Elective .....	3-4	3-4	3-4
World Literature .....	2	2	2
Psychology or Physics .....	3-4	3-4	3-4
Written English .....	2-3	2-3	2-3
	15-16	15-16	15-16
SENIOR			
Principles of Sociology .....	5	5	3
Introduction to Philosophy .....	2	2	2
Chemistry and Its Relationships .....	4	4	4
Second Foreign Language .....	3	3	3
English Literature .....	2-4	2-4	2-4
Extempore Speaking or elective .....	2	2	2
World Literature (second year) .....	1	1	1
Art Appreciation .....	1	1	1
	16-17	16-17	16-17

GEOLOGY

COURSES OF STUDY FOR MAJORS

FRESHMAN	Fall	Winter	Spring
General Geology, including Historical Geology in spring term	4	4	4
Mathematics (Advanced Algebra, Analytical Geometry, and Trigonometry) .....	4	4	4
Elementary Chemistry .....	4	4	4
Social Science elective .....	3	3	3
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	17	17	17

	Fall	Winter	Spring
SOPHOMORE			
Mineralogy .....	4	4	4
General Physics, or Animal Biology .....	4	4	4
Written English .....	2-3	2-3	2-3
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
Elective .....	3-4	3-4	3-4
	15-17	15-17	15-17
JUNIOR			
Structural Geology .....	3		
Lithology .....		5	
Principals of Stratigraphy .....			3
Physiology, or Descriptive Geometry and Architecture 62a,b	2-3	2-3	2-3
Foreign Language (continuation) .....	3-4	3-4	3-4
Electives, Education (for those intending to teach) Physi- ography, Geography, etc. ....	4-7	4-7	4-7
	16-17	16-17	16-17
<i>For Geology Specials:</i>			
SENIOR			
Economic Geology:			
Non-metallic .....	4		
Metallic Ore Deposits (102b,c) .....		4	4
Petrography .....	4	4	4
Applied Geology (or physiography sequence) .....	3	3	3
Geology Electives .....	3-4	3-4	3-4
Electives (Education for those intending to teach) .....	4	4	4
Seminar .....	1	1	1
	15-16	15-16	15-16
<i>For Paleontology Specials</i>			
Elementary Paleontology .....	4		
Invertebrate Paleontology .....		4	
Tertiary Faunas or Mesozoic Faunas .....			4
Geologic History of North America .....	3		
Geologic History of Pacific Coast .....		3	
Geologic History of Pacific Countries .....			3
Seminar .....	1	1	1
Electives (Education for those intending to teach) .....	8	8	8
	16	16	16
<i>For Geography Specials:</i>			
JUNIOR OR SENIOR			
Geologic History of Man .....	3		
Advanced Physiography .....	3	3	
Geography of Pacific or Geologic History of Pacific Countries		2	3
Advanced Geography .....	2	2	2
Seminar .....	1	1	1
Elective (Education for those intending to teach) .....	8-9	8-9	8-9
	17-18	16-17	14-15

## GERMANIC LANGUAGES AND LITERATURE

## COURSE OF STUDY FOR MAJORS

	Fall	Winter	Spring
FRESHMAN			
German .....	4	4	4
Science (laboratory) .....	4	4	4
Modern Governments or History .....	3-4	3-4	3-4
Outlines of English Literature .....	4	4	4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	17	17	17
SOPHOMORE			
German (continuation) .....	3-4	3-4	3-4
Second language—Latin, Scandinavian or Romance .....	3-4	3-4	3-4
History or Economics .....	4	4	4
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
Education 51, 52, 53, or elective .....	2-4	2-4	2-4
	15-17	15-17	15-17

	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
<b>JUNIOR</b>			
German (continuation) .....	2-3	2-3	2-3
Additional courses in German .....	3	3	3
Second language—Latin, Scandinavian or Romance .....	3-4	3-4	3-4
Philosophy, Psychology, or English .....	3	3	3
Education, Sociology or elective .....	4-5	4-5	4-5
	15-18	15-18	15-18
<b>SENIOR</b>			
Advanced courses in German .....	5-6	5-6	5-6
Second language (continuation of previous two years) .....	3	3	3
Electives (advanced courses in philosophy, education, or literature recommended) .....	3-5	3-5	3-5
Written English .....	2-3	2-3	2-3
	15-17	15-17	15-17

## HISTORY

## COURSE OF STUDY FOR MAJORS

	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
<b>FRESHMAN</b>			
Modern European or English History .....	4	4	4
Elementary or second-year Language .....	4	4	4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
Elective or Norm .....	5-6	5-6	5-6
	15-16	15-16	15-16
<b>SOPHOMORE</b>			
American History .....	4	4	4
Foreign Language (continuation of first year) .....	3-4	3-4	3-4
Psychology (with laboratory) .....	4	4	4
Principles of Economics .....	4	4	
Education 51 .....			3
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
	17-18	17-18	17-18
<b>JUNIOR</b>			
Written English .....	2	2	2
Two History courses .....	6	6	6
Modern Governments .....	4	4	4
Education 52, 53, 106 (for teachers) or electives in minor subject or Norm .....	3-4	3-4	3-4
	15-16	15-16	15-16
<b>SENIOR</b>			
History courses .....	6	6	6
Education (for teachers) and electives in minor subject or general electives .....	9-11	9-11	9-11
	15-17	15-17	15-17

Electives suggested as allied to history: sociology; English literature; world literature; organic evolution (zoology); history of philosophy; of art; philosophy of history; economic geography; geologic history of man.

## HOUSEHOLD ARTS

Pursuant to a ruling of the board of higher curricula, the work in household arts does not constitute a major department, but offers service work for students whose special line of interest lies in the college or the professional schools. For such students certain home-making groups of courses have been arranged with specialization allowed either on food or the clothing option. A typical sequence of courses in preparation for home-making, which will require only three or four hours a term follows. If only three years are desired, the clothing courses may be omitted, and the course begun at the second year. A two year sequence may be similarly arranged.

## FOUR-YEAR HOME-MAKING SEQUENCE

	FIRST YEAR	Fall	Winter	Spring
Textiles and Clothing .....		3	3	3
Color and Line in Clothing .....		1	1	1
SECOND YEAR				
Foods and Food Economics or Food Problems .....		3	3	3
Food Laboratory .....		1	1	1
THIRD YEAR				
Sanitation (Botany) or Food Economics .....		3-4		
Home Nursing .....			3	
Food for the Sick .....			1	
Child Care .....				3-4
FOURTH YEAR				
Nutrition Problems or Food Problems .....		3-4		
Household Management .....			3	3

The head of the household arts department may be chosen by students as adviser, but the major requirement must be fulfilled in some other department.

## JOURNALISM

## COURSES OF STUDY

The School of Journalism offers five separate courses called options, and a considerable number of variations of these options for persons preparing for various specialties. The options are writer's option, advertising option, manager's option, news executive's option and five-year journalism course. Of these the writer's option is given as typical:

## WRITER'S OPTION

	FRESHMAN	Fall	Winter	Spring
Elementary Newswriting .....		2	2	2
Foreign Language .....		4	4	4
Political Science .....		4	4	4
Animal Biology or Geology .....		4	4	4
Military Science (men) or Personal Hygiene (women) .....		1	1	1
Physical Education .....		1	1	1
		16	16	16
SOPHOMORE				
Publishing and Printing .....		4	4	4
Proof-reading .....		1	1	1
World History .....		4	4	4
World Literature, first year .....		2	2	2
Foreign Language, second year .....		3-4	3-4	3-4
Short Story .....		2	2	2
Military Science (men) .....		1	1	1
Physical Education .....		1	1	1
		16-18	16-18	16-18
JUNIOR				
Reporting .....		3	3	3
Copy-reading .....		1	1	1
Trade Journalism .....		3	3	
Law of the Press .....				3
World Literature, second year .....		2	2	2
Principles of Economics .....		4	4	
Economics .....				3-5
Elective .....		3	3	3
		16	16	16
SENIOR				
Editing .....		5	5	5
Sociology or Economics .....		3-5	3-5	3-5
Elective .....		6	6	3
Interpretative News Writing .....				3
		16	16	16

# CURRICULA

49

## LATIN

### COURSE OF STUDY FOR MAJORS

FRESHMAN	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
Horace, Vergil and Livy .....	3	3	3
Latin Prose Composition and Sight Translation .....	2	2	
Plautus, Terence, Martial .....			2
First or second-year Greek or French .....	4	4	4
European or English History .....	3-4	3-4	3-4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	15	15	15
SOPHOMORE			
Latin Elegy and Drama .....	3	3	3
Latin Prose Composition and Sight Translation .....	2		
Ovid, Catullus, Caesar .....		2	2
Continuation of other language taken in first year .....	3-4	3-4	3-4
Physical or biological science with laboratory .....	4	4	4
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
Elective .....	2-3	2-3	2-3
	16-17	16-17	16-17
JUNIOR			
Horace and Juvenal .....	2	2	2
Tacitus .....			2
Cicero (course 101a,b) .....	2	2	
Latin Prose Composition and Sight Translation .....			2
Continuation of language of first and second years .....	3	3	3
Ancient History .....	3	3	3
*Written English .....	2-3	2-3	2-3
Education 51, 52, and 53 or elective .....	3	3	3
	15-16	15-16	15-16
SENIOR			
Latin Prose Composition and Sight Translation .....	3		
Roman Life, Mythology, and Contributions .....		3	
Latin Pedagogy .....			3
The Roman Historians (a course in the original) .....	3	3	3
World History .....	4	4	4
World Literature .....	2	2	2
Education or elective .....	4-6	4-6	4-6
	15-17	15-17	15-17

\* In satisfaction of written English requirement.

## LAW

For the curriculum of the Law School and advice as to a pre-legal course in the college, consult the dean of the Law School.

## MATHEMATICS

### COURSE OF STUDY FOR MAJORS

FRESHMAN	<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
Advanced Algebra .....	4		
Plane Trigonometry .....		4	
Analytical Geometry .....			4
General Chemistry or other laboratory science .....	4	4	4
French or German .....	4	4	4
Social Science .....	3-4	3-4	3-4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	17-18	17-18	17-18
SOPHOMORE			
Calculus .....	4	4	4
French or German .....	3-4	3-4	3-4
Education or Written English .....	3	3	3
Physical Education .....	1	1	1
Military Science (men) .....	1	1	1
General Physics or Elective .....	4	4	4
	16-17	16-17	16-17

	Fall	Winter	Spring
<b>JUNIOR</b>			
Advanced Analytical Geometry .....	3		
Differential Equations .....		3	3
Second course in Mathematics or elective .....	3	3	3
Education or Elective .....	3	3	3
Mechanics, Advanced Physics or Elective .....	3	3	3
Written English or Elective .....	3-5	3-5	3-5
	15-17	15-17	15-17
<b>SENIOR</b>			
Course in Mathematics .....	3	3	3
Second course in Mathematics or elective .....	3	3	3
Elective (including necessary education for intending teachers) .....	10	10	10
	16	16	16

## MEDICINE

### COURSE OF STUDY IN MEDICINE

	Fall	Winter	Spring
<b>FIRST YEAR</b>			
*Animal Biology .....	4	4	4
*General Chemistry .....	5	5	5
Outlines of English Literature or American Literature .....	4-3	4-3	4-3
German or French or Mathematics .....	4	4	4
*Military Science (men) or Personal Hygiene (women) .....	1	1	1
*Physical Education .....	1	1	1
Conferences and Clinics .....	½	½	½
	18-19	18-19	18-19
<b>SECOND YEAR</b>			
**Cytology .....	4		
**Genetics .....		3	
Elective .....			3
Chemistry (course 6) .....	4		
*Organic Chemistry (course 8a,b) .....		4	4
*General Physics .....	4	4	4
German or French .....	3-4	3-4	3-4
*Military Science (men) .....	1	1	1
*Physical Education .....	1	1	1
	17-18	16-17	16-17
<b>THIRD YEAR</b>			
**Physiology .....	4		
Psychology for Medical Students .....		3	3
**General Physiology .....			4
*Written English .....	2-3	2-3	2-3
*Social Science .....	3-4	3-4	3-4
Physical Chemistry (course 7) .....	4		
Elective .....	3	3-7	3-4
	16-17	16-17	16-17

\* Required either for admission to the fourth year or to satisfy requirements for graduation.

\*\* Recommended as a group from which to select the required courses (totalling eight hours) in advanced biology.

### PRE-NURSING COURSE OF STUDY

#### TWO YEAR COURSE

	Fall	Winter	Spring
<b>FIRST YEAR</b>			
Animal Biology .....	4	4	4
General Chemistry .....	5	5	5
Social Science (or English) .....	3-4	3-4	3-4
Personal Hygiene .....	1	1	1
Physical Education .....	1	1	1
Conferences and Clinics .....	½	½	½
	15½	15½	15½

SECOND YEAR			
Human Physiology .....	5	4	
Bacteriology .....			4
Foods and Nutrition .....	3	3	3
Written English (or social science) .....	2-3	2-3	2-3
Psychology for Medical Students .....		3	3
Physical Education .....	1	1	1
Elective .....	5	3	3
	16-17	16-17	16-17

THREE YEAR COURSE

FIRST YEAR			
Animal Biology .....	4	4	4
General Chemistry .....	5	5	5
*Foreign Language, Social Science or English .....	4	4	4
Personal Hygiene .....	1	1	1
Physical Education .....	1	1	1
Conference and Clinics .....	1/2	1/2	1/2
	15 1/2	15 1/2	15 1/2

\* For students proceeding to degree of bachelor of arts.

SECOND YEAR			
Foods and Nutrition .....	3	3	3
*Foreign Language (continuation) .....	3-4	3-4	3-4
Chemistry (course 6) .....	4		
Organic Chemistry (course 8a,b) .....		4	4
Physical Education .....	1	1	1
Elective .....	4-5	4-5	4-5
	15-17	15-17	15-17

\*For students proceeding to degree of bachelor of arts.

THIRD YEAR			
Human Physiology .....	5	4	
Bacteriology .....			4
Psychology for Medical Students .....		3	3
Written English .....	2-3	2-3	2-3
Elective .....	8-9	6-8	6-8
	15-17	15-17	15-17

MILITARY SCIENCE

COURSE OF STUDY RECOMMENDED FOR MAJORS

	FRESHMEN		
	Fall	Winter	Spring
Military Science .....	2	2	2
Mathematics .....	4	4	4
French or Spanish .....	4	4	4
Physics or Chemistry .....	4	4	4
Physical Education .....	1	1	1
	15	15	15
SOPHOMORE			
	Fall	Winter	Spring
Military Science .....	2	2	2
Mathematics .....	4	4	4
French or Spanish .....	3-4	3-4	3-4
Physics or Chemistry .....	4	4	4
Physical Education .....	1	1	1
Social Science elective .....	3-4	3-4	3-4
	17-19	17-19	17-19
JUNIOR			
	Fall	Winter	Spring
Military Science .....	3	3	7
Mathematics, or Physics, or Chemistry, Advanced courses .....	4	4	
French or Spanish .....	3	3	3
Written English .....	2-3	2-3	2-3
Elective .....	3-5	3-5	3-5
	16-18	16-18	16-18
SENIOR			
	Fall	Winter	Spring
Military Science .....	6	6	6
French or Spanish .....	3	3	3
*Elective .....	7-8	7-8	7-8
	16-17	16-17	16-17

## MUSIC

## REQUIREMENTS FOR A MAJOR IN MUSIC

	Piano hours	Voice hours
Major subject, piano, organ, stringed instruments, etc. ....	72	
Major subject, voice .....		36
Minor subjects .....	9	9
Science and History of Music and allied subjects .....	30	30
Modern Language .....	24	
Modern Language (including one year of Italian) .....		36
English .....	9	9
Electives .....	36	60
Physical Education .....	6	6
Totals .....	186	186

In case a student majors in voice or violin, his minor subjects must be piano or organ. In case he majors in organ, his minor subject must be voice, with an additional minor in piano.

Minor subjects may be continued as elective and in special cases a reasonable number of these excess hours be deducted from the major requirements.

The student is urged to choose his electives from the College of Literature, Science and the Arts.

A public recital from memory is required of all the candidates for the degree of bachelor of music.

The above requirements are for students taking the professional degree of Bachelor of Music. Students standing for this degree will be allowed more credit for the work in applied music (piano, voice, violin, etc.).

## PUBLIC SCHOOL MUSIC

This course prepares the student for teaching and supervising music in the grade and high schools. The student is assumed to have the ability to play moderately difficult choruses or accompaniments. The course as at present outlined covers a period of two years. It includes:

Public School Methods .....	One year
Practice Teaching (minimum) .....	One year
History and Appreciation of Music .....	One year
The Elements of Musical Science .....	One year
Scientific Music Reading .....	One year
Analysis of Music .....	Two terms
Education .....	One year
Chorus or Glee Club experience.	

## PHYSICAL EDUCATION

## COURSE OF STUDY FOR MAJORS

	FRESHMAN		
	Fall	Winter	Spring
Introduction to Physical Education .....	2	2	2
Physical Education for freshman majors .....	1	1	1
Animal Biology .....	4	4	4
Elementary Chemistry .....	4	4	4
Foreign Language .....	4	4	4
Military Science (men) .....	1	1	1
Personal Hygiene (men or women) .....	1	1	1
	16-17	16-17	16-17
	SOPHOMORE		
Fundamentals of Physical Education .....	2	2	2
Physical Education for sophomore majors .....	1	1	1
Zoology, Comparative and Mammalian Anatomy .....	4	4	
Kinesiology .....			4
Education 51, 52, 53 .....	3	3	3
Beginner's Psychology .....	3-4	3-4	3-4
Foreign Language .....	3-4	3-4	3-4
Military Science (men) .....	1	1	1
	16-17	16-17	16-17

JUNIOR			
	Fall	Winter	Spring
Principles and Technique of Gymnastic Teaching .....	2	2	2
Play and Playground Management .....	3	3	3
Physiology of Exercise .....	3	4	
Theory and Practice of Individual Gymnastics .....	3	3	3
Observation Teaching .....			3
General Botany or Geology .....	4	4	4
Advanced Gymnastics and Coaching of Sports (women) .....	1	1	1
Technique of Dancing (women) .....	1	1	1
Coaching of Major Sports (men) .....	2	2	2
	15	17	17
SENIOR			
Principles of Physical Education .....	3	3	3
Advanced Gymnastics and Coaching of Sports (women) .....	1	1	1
Theory of Dancing .....	1	1	1
Thesis in Physical Education .....	1	1	1
Supervised Teaching .....	3	3	3
Elective .....	3-5	3-5	3-5
Written English .....	2	2	2
Electives, Educational Dancing, Principles of Individual Gymnastics .....	1-3	1-3	1-3
	17	17	17

COURSE FOR COACHING

Minimum hours for recommendation to coach one or more sports as a side line. (This is not a norm in physical education).

1. Regular Physical Education for freshmen and sophomores, courses 51-52-53, 54-55-56 .....	6 hours
2. Hygiene (Personal), course 60a,b,c .....	3 hours
3. Principles of Physical Education .....	9 hours
4. Theory and Practice of Coaching .....	
Any or all of the following courses:	
Football .....	2 hours
Baseball .....	2 hours
Basketball .....	2 hours
Track .....	2 hours

PHYSICS

COURSE OF STUDY FOR MAJORS

FRESHMAN			
	Fall	Winter	Spring
Advanced Algebra, Trigonometry, Analytical Geometry .....	4	4	4
Elementary Chemistry .....	4	4	4
Foreign Language (German or French) .....	4	4	4
Mechanical Drawing .....	2	2	2
Military (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	16	16	16
SOPHOMORE			
General Physics .....	4	4	4
Calculus .....	4	4	4
Foreign Language (continuation) .....	3-4	3-4	3-4
Elective, group II or IV .....	3-5	3-5	3-5
Military (men) .....	1	1	1
Physical Education .....	1	1	1
	16-17	16-17	16-17
JUNIOR			
Advanced General Physics .....	3	3	3
Electrical Measurements .....	3	3	3
Advanced Analytical Geometry and Differential Equations .....	3	3	3
Written English .....	3	3	3
Elective .....	4	4	4
	16	16	16
SENIOR			
Physics, advanced course .....	3-9	3-9	3-9
Thesis .....	0-3	0-3	0-3
Journal Club .....	1-2	1-2	1-2
Electives .....	3-9	3-9	3-9
	15-17	15-17	15-17

A maximum rather than a minimum of mathematics and chemistry should be taken. Descriptive geometry and advanced mechanical drawing should be elected sophomore year if possible.

Upper division courses in mechanics can be counted as physics major work.

Journal Club, seminar and thesis work, required of seniors and candidates for the master's degree, demand a reading knowledge of German. Doctorate work requires both German and French.

Prospective teachers will elect the introductory group in education (51-52-53), in sophomore year, physics 101 and some form of practice teaching, either physics 100, education 107, or a laboratory assistantship in senior year, and complete the total of 22 required hours in education. This outline permits the completion of the norms in exact sciences and mathematics.

### COURSE OF STUDY IN RADIO-PHYSICS

This course of study conforms to the requirements for major students in physics, and is identical for the first three years with the electrical option in pre-engineering. The five-year course leads to the degree of bachelor of arts (or bachelor of science) and master of science.

FRESHMAN	Fall	Winter	Spring
Advanced Algebra, Trigonometry, Analytic Geometry	4	4	4
Elementary Chemistry	4	4	4
Foreign Language (German or French)	4	4	4
Mechanical Drawing	2	2	2
Military Science (men)	1	1	1
Physical Education	1	1	1
	16	16	16
SOPHOMORE	17-18	17-18	17-18
General Physics	4	4	4
Calculus	4	4	4
Foreign Language (continuation)	3-4	3-4	3-4
Analytical Chemistry	4	4	4
Essentials of Geology	4	4	4
Military Science (men)	1	1	1
Physical Education	1	1	1
	17	17	18
JUNIOR	17-18	17-18	17-18
Advanced General Physics	3	3	3
Electrical Measurements	3	3	3
Advanced Analytical Geometry and Differential Equations	3	3	3
Descriptive Geometry and Advanced Mechanical Drawing	2	2	2
Elementary Surveying	2	2	2
Economics	4	4	5
	16	17	18
SENIOR	17	17	16
Electron Theory	3	3	3
Analytical Mechanics	3	3	3
Written English	3	3	3
Elements of Accounting	3	3	3
Business Management, Finance and Law	5	5	4
	17	17	16
GRADUATE	17	18	18
Advanced Electrical Theory and Thesis	5	5	5
Thermodynamics	3		
Strength of Materials		4	
Advanced Chemistry	4		
Higher Mathematics	3		
Kinematics	2		
	17	18	18

81-1 The University gives no instruction in shop work, but an approved course in shop work must be taken in addition to the subjects listed above.

as both upper division courses in the fall and winter semesters in the spring term or laboratory for either the first or second year in order to meet the requirements for the R.A. degree, a student must earn at least 22 credit hours in a five-year course.

POLITICAL SCIENCE

COURSE OF STUDY FOR MAJORS

FRESHMAN	Fall	Winter	Spring
Modern Governments .....	4	4	4
Mathematics or Science .....	4	4	4
French or German .....	4	4	4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	14	14	14
SOPHOMORE			
Political Parties .....	4		
Economic History .....		5	
Constitutional Law .....			4
Principles of Economics .....	4	4	
Economics of Business Organization .....			4
French or German (continuation) .....	3-4	3-4	3-4
American History .....	4	4	4
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
	17	18	17
JUNIOR			
Public Finance .....	4	4	
International Law .....			4
Labor Problems, Organized Labor and Labor Legislation .....	4	4	4
Modern European History .....	4	4	4
Written English .....	2-3	2-3	2-3
Elective .....	2-3	2-3	2-3
	16-18	16-18	16-18
SENIOR			
English Constitutional History .....	3	3	
American Foreign Relations .....			4
Research in Political Science .....	2	2	2
Political Theory .....		4	
International Political Organization .....			4
Elective .....	3		3
Principles of Sociology .....	5	5	
	16	17	16

PRE-ENGINEERING

COURSE OF STUDY FOR PRE-ENGINEERING STUDENTS

FRESHMAN	Fall	Winter	Spring
Advanced Algebra, Trigonometry, Analytical Geometry .....	4	4	4
Elementary or General Chemistry .....	4-5	4-5	4-5
German or French* .....	4	4	4
Mechanical Drawing .....	2	2	2
Physical Education .....	1	1	1
Military Science (men) .....	1	1	1
	16-17	16-17	16-17

\* Students who are definitely planning to enter any technical school which does not require a foreign language for the professional degree may be permitted to substitute an approved elective for French or German in the freshman year.

SOPHOMORE	Fall	Winter	Spring
Calculus .....	4	4	4
General Physics .....	4	4	4
French, German or Spanish* .....	3-4	3-4	3-4
Analytical Chemistry* .....	4	4	4
Physical Education .....	1	1	1
Military Science (men) .....	1	1	1
	17-18	17-18	17-18

\* Sophomores may substitute general geology in the fall and winter terms and an approved elective in the spring term, or mineralogy, for either the foreign language or the analytical chemistry of that year. In order to meet the requirements for the B.A. degree, a student must earn at least 24 credit hours in a foreign language.

## JUNIOR

The regular program of the junior year consists of certain required subjects plus a number of electives, the latter becoming prescribed also according to the branch of engineering or technical work contemplated, the prescriptions being indicated by the letters immediately following the subject as listed, thus:

- (c) Required for civil engineering.
- (e) Required for mechanical or electrical engineering.
- (k) Required for chemical engineering.
- (m) Required for mining.

Variations from this program are made to meet the requirements of individual institutions.

REQUIRED SUBJECTS	Fall	Winter	Spring
Advanced Analytical Geometry and Calculus .....	3		
Descriptive Geometry .....	2	2	
Advanced Mechanical Drawing .....			2
Advanced General Physics .....	3	3-5	3-5
Principles of Economics .....	4	4	
Advanced Economics .....			4-5
Written English .....	2-3	2-3	2-3
ELECTIVE SUBJECTS			
Lettering (ce) .....	2		
Surveying (cem) .....		2	2
Analytical Mechanics (ce) .....	3	3	3
Electrical Measurements (e) .....	3	3	3
Strength of Materials .....		4	4
Kinematics .....	2-3	2-3	2-3
Differential Equations .....	3	3	
Applied Mathematics .....	3	3	
Advanced Inorganic or Analytical Chemistry (k) .....	3-4	3-4	3-4
Organic Chemistry (k) .....	4	4	4
Physical Chemistry .....	4	4	4
Mineralogy (m) .....	4	4	4
Principles of Stratigraphy (m) .....	3		
Economic Geology (m) .....		3	3
Structural Geology .....			2
Field Geology .....			2
Principles of Assaying .....		4-6	
Graphic Statics .....	2	2	
Practical Astronomy .....			3
Bacteriology .....		4	4
English .....		4	4
Constructive Accounting .....	3	3	3

Shop work and surveying are prescribed during the summers following the sophomore and junior years whenever necessary to prepare student for admission to the technical school.

## PSYCHOLOGY

## PROFESSIONAL PSYCHOLOGICAL PROGRAM

The following program of undergraduate courses is designed for the guidance of students who expect to proceed immediately to graduate work for the degree of doctor of philosophy in this or any university.

It should be observed that this program is made up with a minor in biological subjects given in the department of zoology. Although the staff of the department of psychology consider this to be ideally the best program, practically many students should substitute (in the upper division) sufficient work in the school of education to make possible a graduate minor in that subject in whatever institution they may desire to do their graduate work.

If the schedule in either freshman or sophomore years should permit, the student is strongly urged to take mathematics 4, 7a, and 7b (analytical geometry and calculus).

FRESHMAN	Fall	Winter	Spring
Animal Biology .....	4	4	4
French or German .....	4	4	4
Chemistry .....	4	4	4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
Elective .....	2-3	2-3	2-3
	16-17	16-17	16-17

SOPHOMORE			
	Fall	Winter	Spring
Beginners Psychology .....	4	4	4
Organic Evolution, Heredity and Eugenics, Genetics .....	2	2	3
German or French (continuation) .....	3-4	3-4	3-4
*Social Science or Education .....	3-4	3-4	3-4
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
	15-16	15-16	16-17

\*Intending teachers should elect the sophomore group in Education. Others are recommended to the philosophy group, logic, ethics, and introduction to philosophy

JUNIOR			
Systematic Psychology .....	3	3	3
Advanced Psychology Laboratory .....	2	2	2
Psychology of Learning .....	3		
Abnormal Psychology .....		3	
Principles of Psychoanalytic Psychology .....			2
Human Physiology .....	4	4	
Written English .....	2-3	2-3	2-3
Elective .....	2-3	2-3	2-3
	15-17	15-17	15-17
SENIOR			
Adolescence .....	3	3	
Statistical Methods, Mental Measurements .....		3	3
Individual and the Group, Racial Psychology, and Character and Personality .....	3	3	3
History of Philosophy .....	3	3	3
Thesis .....	2	2	2
Elective .....	3	3	3
	14	17	14

Students are advised to elect a sufficient amount of work in French and German in addition to the hours prescribed above so as to make possible a reading knowledge of scientific French and German.

#### NON-PROFESSIONAL PSYCHOLOGICAL PROGRAM

The following course of study is arranged for the guidance of undergraduate students who desire to major in psychology but who do not expect to become professional psychologists.

FRESHMAN			
	Fall	Winter	Spring
Animal Biology .....	4	4	4
French or German .....	4	4	4
Social Science requirement .....	3-4	3-4	3-4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
Elective .....	2-3	2-3	2-3
	16	16	16
SOPHOMORE			
Beginners Psychology .....	4	4	4
Language (continuation) .....	3-4	3-4	3-4
Written English .....	3	3	3
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
Elective .....	3-4	3-4	3-4
	16	16	16
JUNIOR			
Systematic Psychology, or Adolescence, Statistical Methods and Mental Measurements .....	3	3-6	3
Advanced Laboratory .....	2	2	2
Learning, Abnormal Psychology, and Psychoanalysis .....	3	3	3
*Electives .....	8-9	5-9	8-9
	16-17	16-17	16-17

SENIOR			
Systematic Psychology, or Adolescence, Statistical Methods and Mental Measurements	3	3-5	3
Individual and the Group, Racial Psychology, and Character and Personality	3	3	3
Thesis	2	2	2
History of Philosophy	3	3	3
Elective	3-5	2-5	2-5

\* Introduction to philosophy is recommended in the spring term. Further work in the social sciences and literature is advised. Courses in zoology, organic evolution, and heredity and eugenics, will be found highly desirable corollaries.

### APPLIED PSYCHOLOGY PROGRAM

The following course of study is designed for persons who plan to take up applied psychology, such as juvenile court work, personnel work, and work in educational and correctional institutions with those who constitute abnormal and subnormal problems. The work is largely technical training in the psychological and educational tests and measurements, abnormal psychology, personnel, social psychology as it applies to modern industrialism, with the sociological backgrounds necessary for interpretation. Under this program the student will major in psychology and minor in sociology, although in special instances his future plans might make it advisable for him to minor in education or economics.

FRESHMAN			
	Fall	Winter	Spring
Animal Biology	4	4	4
French or German	4	4	4
Modern Governments	4	4	
Economic History			5
Military Science (men) or Personal Hygiene (women)	1	1	1
Physical Education	1	1	1
Elective	2-3	2-3	2-3
	16-17	16-17	17-18
SOPHOMORE			
Beginners Psychology	4	4	4
French or German	3-4	3-4	3-4
Principles of Economics	4	4	
Labor Problems			4
World History	4	4	4
Military Science (men)	1	1	1
Physical Education	1	1	1
	16-18	16-18	16-19
JUNIOR			
Education 51, 52, 53	3	3	3
Written English	2	2	2
Principles of Sociology	5	5	
The New Social Order			5
Geologic History of Man	3		
Social Anthropology		3	
Race Psychology			3
Statistics	3		
Mental Measurements		3	
Criminal Psychology or Character and Personality			3
	16	16	16
SENIOR			
Advanced Social Psychology	3	3	3
Adolescence	3	3	
Abnormal Psychology			3
Psychology of Childhood	3	3	3
{ Labor Organization	3		
{ Labor Legislation		3	
{ Modern Theories of Social Reform			3
Advanced Psychology Laboratory	2	2	2
Electives (History of Philosophy advised)	6	6	6
	17	17	17

Students following this program should plan for a fifth or graduate year in order to obtain adequate preparation. In this type of work there is little demand for people who have only an undergraduate training.

It is obvious that the relation of the minors to the majors must be somewhat tentative. Hence there is provided a considerable number of choices. Still others might be included from sociology.

If a student were to minor in economics his work would consist chiefly in such

courses as organized labor, labor legislation, and social insurance, and courses bearing perhaps on economic theory or social economics.

If minorning in education the student's work would consist chiefly in such courses as: social education, psychology of childhood, research in mental tests, mental hygiene, and the like.

## ROMANCE LANGUAGES

## COURSE OF STUDY FOR MAJORS

	Fall	Winter	Spring
<b>FRESHMAN</b>			
French or Spanish .....	3-4	3-4	3-4
Second Foreign Language, or Science, or Social Science Group	4	4	4
Mathematics, Laboratory Science, or Social Science (group requirement) .....	3-4	3-4	3-4
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
Elective .....	3-4	3-4	3-4
	16-17	16-17	16-17
<b>SOPHOMORE</b>			
French or Spanish (continuation) .....	3-4	3-4	3-4
Second course in French or Spanish or Written English .....	2-3	2-3	2-3
Second Language .....	3-4	3-4	3-4
Science, or Social Science, or Education (for intending teachers) .....	3-4	3-4	3-4
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
Elective .....	2-3	2-3	2-3
	16-17	16-17	16-17
<b>JUNIOR</b>			
Major Language .....	3-6	3-6	3-6
Second Romance Language .....	3-6	3-6	3-6
Electives, norm or Written English .....	6-9	6-9	6-9
	15-17	15-17	15-17
<b>SENIOR</b>			
Romance Language courses .....	9-10	9-10	9-10
Electives (including Education for intending teachers) .....	6-7	6-7	6-7
	15-17	15-17	15-17

## SOCIOLOGY

## COURSES OF STUDY FOR MAJORS

The distinctive line of social activity the student has in view will naturally determine the combination of courses to be selected. The following courses are suggested as a nucleus:

	Fall	Winter	Spring
<b>FRESHMAN</b>			
Modern European or English History .....	4	4	4
Animal Biology .....	4	4	4
Foreign Language .....	4	4	4
Elective .....	1-3	1-3	1-3
Military Science (men) or Personal Hygiene (women) .....	1	1	1
Physical Education .....	1	1	1
	16-17	16-17	16-17
<b>SOPHOMORE</b>			
Social Origins, Primitive Society and Culture, and Psychological Foundation .....	3	3	3
Beginner's Psychology .....	4	4	4
Foreign Language (continuation) .....	3-4	3-4	3-4
Principles of Economics and Labor Problems .....	4	4	4
Military Science (men) .....	1	1	1
Physical Education .....	1	1	1
	16-17	16-17	16-17

	JUNIOR	Fall	Winter	Spring
Principles of Sociology .....		5	5	
The New Social Order .....				5
Education 51, 52, 53 (for those intending to teach) .....		3	3	3
Minor, norm, or elective .....		8-10	8-10	8-10
		16-18	16-18	16-18
	SENIOR			
Theory of Social Progress .....		3	3	
Community Organization and Development .....				3
Advanced sociology electives .....		3	3	3
Education (for those intending to teach) .....		3	3	3
Minor, norm, or elective .....		7-10	7-10	7-10
		17-19	17-19	17-19

## SOCIAL WORK COURSE OF STUDY

Candidates for a bachelor degree may transfer to the Portland School of Social Work at the beginning of the senior year. In the case of candidates for the A.B. degree the student will be careful to observe the language requirements for that course which must be completed on the campus, as the two years spent in the Portland School scarcely permit of pursuing a language course. Candidates for the B.S. degree, who are relieved from a year of language required of the A.B. candidates will substitute a natural science, preferably chemistry.

	FRESHMAN	Fall	Winter	Spring
European or English History .....		3-4	3-4	3-4
Modern Language .....		4	4	4
Animal Biology .....		4	4	4
Modern Governments or Outlines of English Literature .....		4	4	4
Military Science (men) or Personal Hygiene (women) .....		1	1	1
Physical Education .....		1	1	1
		17-18	17-18	17-18
	SOPHOMORE			
Social Origins, Primitive Society and Culture, and Psychological Foundations .....		3	3	3
Beginner's Psychology .....		4	4	4
Principles of Economics and Labor Problems .....		4	4	4
Modern Language (continuation) .....		3-4	3-4	3-4
Military Science (men) .....		1	1	1
Physical Education .....		1	1	1
		15-17	15-17	15-17
	JUNIOR			
Principles of Sociology .....		5	5	
New Social Order .....				5
Theory of Social Progress .....		3	3	
Community Organization .....				3
Social Work Seminar .....		2	2	2
Written English .....		3	3	3
Psychology or Economics .....		3	3	3
		16	16	16

## ZOOLOGY

An undergraduate major in zoology will comprise:

- (a) Course 1—Normally a first year course.  
(b) 30 term-hours of upper division courses to be selected, in consultation with the department, according to the interest of the individual student.  
(c) At least 5 term-hours under (b) of research—normally a senior course.  
(d) A dissertation based on (c).
- General Chemistry, (normally a first year course), one year of college physics, and another year of natural science, or mathematics.
- Reading knowledge of French or German—both languages if possible.
- Fulfillment of group and all other requirements of the University for a bachelor's degree.

## NORMS

In order to be recommended to the state superintendent of public instruction for the general high school certificate the prospective teacher should have completed either (1) a major course of study and one "norm" of academic work in a special subject or group of subjects, or (2) two such "norms" of academic work. This work is, of course, in addition to the professional requirements specified by the Oregon school law. Students who elect to take the two norm course as distinct from the major course and one norm, register as majors in the School of Education.

*For details concerning the norms, see page 42.*