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INSIDE BACK COVER

# Welcome to SOU

## The University

Southern Oregon University (SOU) is a contemporary, public liberal arts university with selected professional programs at the bachelor's and master's levels. One of seven institutions in the Oregon University System (OUS), SOU provides intellectual and personal growth through quality education. The University emphasizes critical thinking, career preparation, and the capacity to live and lead in a multicultural, global society. Recently, the *New York Times* named Southern Oregon University a "hidden gem" of higher education.

SOU serves the whole of southern Oregon and the northernmost counties of California. The University is a major partner in the economic, cultural, and environmental developments of this vast area, offering students valuable opportunities to participate. Designated a Center of Excellence in the Fine and Performing Arts by the Oregon University System, SOU is also gaining recognition for its outstanding education and research in science fields and technology.

SOU's culture of close faculty-student relationships is ideal for undergraduate instruction. Classes are taught by faculty with the highest degrees in their fields (93 percent) in a friendly, service-oriented environment. Hands-on experiences in research and community projects complement classroom, laboratory, and studio learning. An Accelerated Baccalaureate Degree Program and other special programs and certificates are also available.

The University's rising national reputation is based on its faculty's notable research and creative talents, as well as its practical liberal learning. Southern is one of twenty-four institutions across the nation to be selected for membership in the Council of Public Liberal Arts Colleges (COPLAC). SOU is engaged internationally through its many students from other nations, exchange programs, and longstanding sister university alliances, the flagship being the Universidad de Guanajuato, Mexico.

Southern's main campus in Ashland is largely residential in character, whether students live on campus or in Ashland's student-friendly neighborhoods. On-campus housing includes three complexes with residence halls and superb dining, apartments for upper-division students, family housing in Old Mill Village with childcare service, and a facility for visiting groups participating in SOU's educational enrichment offerings. SOU serves a growing number of students who commute from as far away as Grants Pass, Oregon, and Redding, California, as well as providing many educational programs and services at the new RCC/SOU Higher Education Center in Medford. SOU has fruitful and growing partnerships with community colleges, especially Rogue Community College (RCC), Umpqua Community College (UCC), and the College of the Siskiyous, as well as Oregon Health & Sciences University.

## The Region

In 2003, *Outside Magazine* ranked Southern Oregon University twentieth in the nation on their list of coolest places to study, live, and work. The region is a uniquely diverse geographic, geological, and ecological area. It is distinguished by the Rogue,

Umpqua, and Klamath Rivers; Crater Lake National Park; many lakes; and the convergence of three mountain ranges: the Cascades, the Siskiyous, and the Coast Range. Such qualities give rise to the University's distinctions in environmental studies and outdoor adventure leadership, as well as its tremendous recreational opportunities, ranging from golf, rafting, fishing, and sailing to hiking, skiing, biking, horseback riding, and camping.

Arts and culture, recreation, tourism, retail sales, natural resources, and burgeoning health care services are the driving forces of the region's economy. Technology industries are diversifying the economy as new companies move into the area, start-up firms emerge, and technology advances locally. There are three medical centers that offer world-class health care services.

The region hosts five fairs and thirteen festivals, in addition to nearly thirty art galleries and more than two dozen cultural and art museums. The Oregon Shakespeare Festival (OSF) in Ashland and Britt Music Festivals in Jacksonville are the most notable festivals. Theatre venues include Oregon Cabaret Theatre and Medford's Craterian Ginger Rogers Theater. Recreational facilities include 151 public and 110 commercial campgrounds, seventeen golf courses, three racetracks, two ski areas, two ice-skating rinks, and four horse stables. There are sixty-four registered guided tours in southern Oregon.

## Ashland and SOU

Southern Oregon University is located in Ashland at the base of the Siskiyou Mountains in the Rogue Valley. It is a five-hour drive or a one-hour flight from Portland to the north or from San Francisco to the south. With a population of 20,000, this charming town boasts eighty-five restaurants and ninety-three lodging facilities, sixty-six of which are bed and breakfasts. Its restaurants, delis, bakeries, banks, bookstores, ice-cream parlors, vintage movie theatre, specialty shops, and clothing stores are within easy walking distance of campus. The annual Ashland Independent Film Festival (AIFF) is a popular attraction. A bicycle path leads from SOU to downtown Ashland and beyond. The city offers an ideal setting for picnics and strolls in its beautiful Lithia Park, with its duck ponds, paths, arboretum, and creek.

Ashland is surrounded by forests, mountains, lakes, and rivers that provide spectacular areas for outdoor sports and ecological studies. Benefiting from a mild four-season climate, Ashland's average rainfall is twenty inches, less than half that of Portland or Eugene. Although the valley floor is generally free of snow, winter recreational facilities are just a thirty-minute drive away at Mt. Ashland Ski and Snowboard Resort. Cross-country ski opportunities are available in the Siskiyou and Cascade Mountains. Just minutes away, Emigrant Lake offers waterslides, sailing, and a park. Lake of the Woods, located at the base of Mount McLoughlin, is less than an hour's drive from campus.

SOU and the community are focal points for rich cultural activities and organizations. Created in 1935 by SOU's Theatre Professor Angus Bowmer, Oregon Shakespeare Festival (OSF) is now one of the top five regional theatres in the nation and one of the top three worldwide rotating repertory theaters with Shakespeare at their core. The festival draws more than 380,000 patrons annually.

The University's Schneider Museum of Art (SMA) hosts major art exhibitions and youth programs, and the Center for the Visual Arts (CVA) features artworks by faculty, students, and visiting artists. SOU is home to the Southern Oregon Singers, the Rogue Valley Symphony, and the Chamber Music Concert Series (CMC). Its Music Department also provides frequent concerts and recitals by exceptional faculty and students.

## Ashland Campus

Southern occupies a 175-acre campus with fourteen academic buildings, thirteen residence halls, family housing, a student union, and multiuse facilities. All classrooms on campus are accessible to disabled students. Beautifully landscaped grounds and architecturally pleasing buildings provide a pleasant environment for academic endeavors, student club activities, and opportunities to think and study together with peers and faculty. Among the newer facilities are the Computing Services Center (1991), the Schneider Museum of Art addition (1996), and the Center for the Visual Arts (2000).

SOU recently dedicated the Lenn and Dixie Hannon Library following a major renovation and expansion. The project nearly doubled the size of the existing library and yielded a new learning center with contemporary services and technologies, ample study spaces, seminar rooms, reading areas with fireplaces, and a coffee shop. Hannon Library won the 2004 Federal Depository Library of the Year award from the U.S. Government Printing Office.

Ashland and SOU house many unique facilities and services, such as the nation's only Fish and Wildlife Forensics Laboratory and the nationally recognized Jefferson Public Radio (JPR). Southern hosts one of the largest Native American pow-wows and a popular Hawaiian luau, both of which are coordinated by student multicultural groups. It offers the only Native American studies certificate and minor programs in Oregon, in addition to providing a popular education camp for Native American youth in the summertime. Among its extensive array of youth programs is the award-winning Academia Latina for middle school Hispanic and Latino children. Southern also has an established reputation for its Elderhostel and Senior Ventures programs for older adults.

## Medford Campus

Established in 1984, the Medford Campus is now part of the RCC/SOU Higher Education Center, which opened in fall 2008. The center provides many of the courses and services available on the main campus in Ashland and includes degree completion and graduate programs, classrooms, computer labs, registration, academic advising, a bookstore, and distance-learning capabilities.

## Accreditation

Southern Oregon University is accredited by the Northwest Commission on Colleges and Universities (NWCCU). The Department of Chemistry programs have earned the approval of the American Chemical Society. The programs of the School of Education are accredited by the Oregon Teacher Standards and Practices Commission. The Department of Music is an accredited member of the National Association of Schools of Music.

# Academic Calendar

## Fall Quarter 2008

Fall Faculty Breakfast and Development Day  
*Tuesday, September 16*

New Student Orientation and academic advising and registration

*Thursday September 25–Sunday, September 28*

Residence hall move-in for Orientation

*Thursday, September 25–Monday, September 29*

All classes begin

*Monday, September 29*

Last day to pay fees without penalty  
*Friday, October 3*

Last day for new registration, addition of new courses, or change of section

*Friday, October 3*

Last day to drop a course without being responsible for a grade

*Friday, October 24*

Last day to change P/NP option  
*Friday, November 7*

Veterans Day (classes in session)  
*Monday, November 11*

Thanksgiving holiday

*Thursday, November 27–Sunday, November 30*

Last day to submit course withdrawal form to the Enrollment Services Center; last day to withdraw completely from the University

*Monday, December 1*

Fall quarter final examinations  
*Monday, December 8–Friday, December 12*

Fall quarter ends  
*Friday, December 12*

Grades available to students  
*Wednesday, December 17*

Winter break

*Monday, December 15–Sunday, January 4*

## Winter Quarter 2009

Academic advising and registration for new students

*Monday, January 5*

All classes begin

*Monday, January 5*

Last day to pay fees without penalty  
*Friday, January 9*

Last day for new registration, addition of new courses, or change of section

*Friday, January 9*

Martin Luther King Jr. Day holiday

*Monday, January 19*

Last day to drop a course without being responsible for a grade

*Friday, January 30*

Last day to change P/NP option

*Friday, February 13*

Last day to submit course withdrawal form to the Enrollment Services Center; last day to withdraw completely from the University

*Monday, March 9*

Winter quarter final examinations

*Monday, March 16–Friday, March 20*

Winter quarter ends

*Friday, March 20*

Grades available to students

*Monday, March 24*

Spring break

*Monday, March 23–Sunday, March 29*

## Spring Quarter 2009

Academic advising and registration for new students

*Monday, March 30*

All classes begin

*Monday, March 30*

Last day to pay fees without penalty

*Friday, April 3*

Last day for new registration, addition of new courses, or change of section

*Friday, April 3*

Last day to drop a course without being responsible for a grade

*Friday, April 24*

Last day to change P/NP option

*Friday, May 8*

Memorial Day holiday

*Monday, May 25*

Last day to submit course withdrawal form to the Enrollment Services Center; last day to withdraw completely from the University

*Monday, June 1*

Spring quarter final examinations

*Monday, June 8–Friday, June 12*

Spring quarter ends

*Friday, June 12*

Commencement

*Saturday, June 13*

Grades available to students

*Wednesday, June 17*

## Summer Session 2009

Pre-Session

*Monday, June 15–Friday, June 19*

Registration continues for all sessions; classes begin; last day to pay fees for first four-week and eight-week sessions without penalty

*Monday, June 22*

Last day for new registration, addition of new courses, or change of section

*Friday, June 26*

Fourth of July holiday (observed)

*Friday, July 3*

End of first four-week session

*Friday, July 17*

Last day to drop a course without being responsible for a grade

*Friday, July 17*

Last day to change P/NP option for eight-week session

*Friday, July 24*

End of eight-week session and second four-week session

*Friday, August 14*

Post-session begins

*Monday, August 17*

## SOU Statistics

### STUDENT PROFILE

Total enrollment Approximately 5,000

Full-time students 3,551

Part-time students 1,285

Undergraduate students 4,333

Graduate students 503

Between 17 and 25 years old 73.4%

Average age 25

Average SAT score 1,036

Average high school GPA 3.23

Students from Oregon 76.5%

Ethnic minorities 588 (12.2%)

International students 80 from 30 countries

Men 41.7%

Women 58.3%

### UNIVERSITY PROFILE

Average class size 25

Student-to-faculty ratio 19:1

Baccalaureate degree programs 36

Completions in 2007–2008 1,087

Bachelor's degrees 738

Master's degrees 288

Certificates 61

Campus size 175 acres

Academic buildings 14

Classroom space 140,855 sq. ft.

Housing capacity 1,200

Family housing 206 units

Financial aid (annually) \$35,150,208

Financial aid recipients 2,929 students

# Reading This Catalog

## Catalog Content

The content of this catalog is subject to change without notice and does not constitute a contract between Southern Oregon University and its students or applicants for admission. This catalog is for information purposes only. Every effort is made to ensure the accuracy of the content, but circumstances change frequently at an educational institution and new decisions may affect the accuracy of this information.

## Terminology

**Course.** A subject or instructional subdivision of a subject offered during a single term.

**Corequisite.** Indicates a course that must be taken simultaneously with the course described.

**Credit.** One unit of credit represents approximately three hours of time each week for one term. This time may comprise work in the classroom, the laboratory, or outside.

**Curriculum.** An organized program of study providing integrated cultural or professional education.

**Discipline.** A branch of learning or field of study (e.g., biology, English, or psychology).

**Elective.** An optional rather than a required course.

**Grade Point Average (GPA).** Grade point average is computed by dividing grade points earned by the number of credits attempted. Grades of E, I, P, NP, W, WP, WF, and NC do not carry grade points, and credits for these grades are not calculated in the GPA. The University's GPA includes only SOU courses. See page 16 for more information.

**Practicum.** A supervised experience, usually off campus, arranged with the approval of the instructor and conducted under requirements set by the instructor.

**Prerequisite.** Indicates a course that must be completed prior to the course described; for example, MTH 95 is required before taking CH 201. See *Course Prerequisites Policy* on page 16.

**Reading and Conference.** A selection of materials to be read by an individual student and discussed in conference with a professor.

**Residence Credit.** Academic work completed while a student is formally admitted and officially registered at SOU.

**Seminar.** A small group of advanced students studying a subject with guidance from a professor. Each student conducts original research and exchanges the results with fellow group members through informal lectures, reports, and discussions.

**Sequence.** Closely related courses extending through more than one term.

**Term.** Approximately one-third of the academic year and one-quarter of the calendar year. May be fall, winter, or spring.

## Reading a Course Description

The following example illustrates the elements of a typical course listing:

### TA 442 Theatre Sound Design

3 credits

Offers an advanced study of theatre sound, with an emphasis on providing practical experience in designing sound for various production styles. Prerequisite: TA 242.

**TA:** *Prefix.* An abbreviation representing the department offering the course. See this page for a listing of prefixes.

**442:** *Number.* Indicates the approximate level of the course (see *Course Numbering System* below).

### Theatre Sound Design: Title.

**3 credits:** Indicates the number of credits awarded for successful completion of the course.

**Offers . . . :** Description of course content.

**Prerequisite: TA 242:** The required background course necessary for admittance to the course. Students who have not completed the stated prerequisites but have equivalent background should consult the instructor of the course they are interested in. The instructor has the authority to waive the prerequisite requirement in such a case. See *Course Prerequisites Policy* on page 16.

Course registration details (including the Course Reference Number (CRN), grading method, time and location of class meetings, and instructor's name) are listed in the class schedule, which is available online each term.

## Course Numbering System

Courses throughout the Oregon University System follow this basic numbering system:

### 1–99

Noncredit courses or credit courses of remedial nature that do not count toward graduation or degree and are not included in calculating the grade point average.

### 100–299

Lower division courses.

### 300–499

Upper division courses. A student must achieve sophomore standing before being permitted to enroll in 300-level courses and junior standing before being permitted to enroll in 400-level courses. If the instructor of the course is satisfied that a student meets the criteria for a course, then the consent of the instructor permits enrollment. This does not supersede specific prerequisites, which may be stated in the course description.

### 400–499

Upper division courses primarily for seniors.

### 400–499/500–599

Upper division/graduate courses for seniors and graduate students. Courses listed in this catalog with a joint 4xx/5xx number may be offered during any quarter (see the class schedule) under either of two options:

1. For undergraduate students only; listed under the 4xx number.
2. For both graduate and undergraduate students; listed under 4xx/5xx. Graduate students enroll in the 5xx number, while undergraduates enroll in the 4xx number. The class schedule includes the 4xx listing and a separate 5xx listing.

### 500–599

Graduate courses. These courses are listed in the class schedule and on the student's transcript with a G added to the course number.

## Course Prefixes

Prefix	Subject Area	Page #
AM	Applied Multimedia	24
ANTH	Anthropology	22
ART	Art	26
ARTC	Creative Activities	26
ARTH	Art History	29
BA	Business Administration	42
BI	Biology	34
CCJ	Criminology and Criminal Justice	63
CH	Chemistry	49
COMM	Communication	54
CS	Computer Science	59
D	Dance	145
DMF	Digital Media Foundations	56
EC	Economics	66
ED	Education	72
ENG	English	85
ENGR	Engineering	82
ELS	ELS Language Centers	157
ES	Environmental Studies	90
FLM	Film Studies	56
FR	French	96
G	Geology	91
GEOG	Geography	101
GL	German	97
HE	Health Education	104
HO	Honors	158
HST	History	108
IS	International Studies	112
JPN	Japanese	98
JRN	Journalism	57
LEAD	Education and Leadership	77
LIS	Library and Information Science	159
MBA	Master in Business Administration	168
MM	Master in Management	171
MS	Military Science	117
MTH	Mathematics	115
MUP	Applied Music	120
MUS	Music	120
NAS	Native American Studies	125
OAL	Outdoor Adventure Leadership	106
PE	Physical Education	105
PH	Physics	128
PHL	Philosophy	125
PS	Political Science	131
PSY	Psychology	135
READ	Collaborative Reading	79
SAS	Success at Southern	163
SHS	Shakespeare Studies	140
SOC	Sociology	141
SPAN	Spanish	98
SPED	Special Education	80
TA	Theatre Arts	145
USEM	University Seminar	19, 163
VP	Video Production	57
WR	Writing	87
WS	Women's Studies	149

## Class Schedule

Students should read the online class schedule. This publication contains rules, regulations, academic requirements, class schedules, and other information unavailable when the catalog was published. Students are also urged to consult faculty advisors for additional information and assistance.

## Rules and Procedures

Students are expected to follow University rules and procedures. Students assume personal responsibility for designing a course of study and fulfilling the academic requirements of SOU.

# Entering the University

## Office of Admissions

Mark Bottorff, Director of Admissions

Britt Hall

541-552-6411

admissions@sou.edu

sou.edu/admissions

Students seeking admission to SOU or who plan to attend SOU full time during the fall, winter, or spring quarter must apply for and receive formal admission. Students planning to take courses without formal admission should read the *Enrollment as a Nonadmitted Student and Summer Session* sections.

Prospective students are encouraged to visit the campus. Admissions staff can make arrangements for visitors to meet faculty, attend classes, and take a guided tour of the grounds and buildings. Campus tours led by student ambassadors are available Monday through Friday at 10 am and 2 pm during the academic year and 11 am during the summer months and holiday breaks. Contact the Office of Admissions to check date availability and make a reservation.

## Admission Procedure

### 1. Application Form

New students applying for admission to SOU must file an official application with Admissions. Applicants may apply online or download forms from the SOU website. The application may also be obtained from most Oregon high schools and community colleges or from the SOU Admissions Office.

### 2. Application Fee

Applications for admission must be accompanied by a \$50 application fee (check or money order payable to Southern Oregon University). If applying online, applicants pay the \$50 application fee via credit card. The fee cannot be refunded, waived, or transferred to other institutions. A fee deferral is available to qualified individuals; contact Admissions for more information.

### 3. Transcripts

Students applying as freshmen must have their high schools send official transcripts of all coursework beyond the eighth grade. Upon completion of the senior year, students must have their high schools send complete transcripts verifying graduation and the 14-unit subject requirement completion (see *High School Course Requirements*).

Students transferring from other collegiate institutions must request that official transcripts of all colleges previously attended be sent to the SOU Office of Admissions. High school records must also be sent if the applicant has fewer than 36 quarter credits of transferable college coursework at the time of application. Documents sent in support of applications become the property of the University and cannot be returned to the applicant.

### 4. Placement Examinations

Students entering as freshmen must submit scores from either the SAT I: Reasoning Test or the ACT Assessment before registration. Test scores are used for counseling, placement, and, in some cases, establishing admission qualifications. Early arrangements should be made to ensure that test scores reach the Southern Oregon University Office of Admissions in time to be evaluated with the student's records.

### 5. Measles Immunization

All SOU students are required to submit verification of measles immunization prior to attending classes.

### 6. Notification of Admission

When all required documents have been received and evaluated, applicants will be informed in writing of the University's decision.

### 7. General Admission Policies

It is the student's responsibility to ensure that complete official copies of transcripts from every institution attended are forwarded to the SOU Office of Admissions. Failure of an applicant to supply complete college credentials is considered misrepresentation and may result in dismissal from the University.

## Admission to Freshman Standing

To be admitted as a freshman, an applicant must:

1. Submit an application form and an application fee of \$50 and have an official copy of his or her high school transcript and either the SAT I: Reasoning Test or ACT Assessment scores sent to SOU.
2. Graduate from an accredited public or private high school with a minimum cumulative grade point average of 2.75. Accredited high schools are those that are reviewed and recognized by a regional entity, such as the Northwest Association of Schools and Colleges, as meeting an appropriate level of academic rigor and support. Those who have not attained this minimum grade point average may be admitted if they have obtained one of the following:
  - a. a combined Math + Critical Reading score of 1010 on the SAT I: Reasoning Test or 900 Math + Verbal on an SAT administered prior to April 1, 1995\*; or
  - b. a composite score of 21 on the ACT Assessment\*.

Applicants who have not or will not graduate from high school must have a minimum score of 410 on each of the five subtests of the Test of General Educational Development (GED) and an overall average score of 550. Post-1996 GED holders must submit a copy of their official high school academic record to confirm completion of at least two years (2 units) of a second language, or they must demonstrate proficiency in a second language.

Students who are graduates of nonstandard or unaccredited high schools or who have been

home-schooled must have a combined Math + Critical Reading score of 1010 on the SAT I: Reasoning Test and a score of 470 on the SAT I: Writing test, or an ACT composite score of 21 and an ACT writing score of 18. These students must also score an average 470 or above (940 total) on two SAT Subject Tests (Math level I or IIC and another test of the student's choice). These students must also satisfy the second language admission requirement if they graduated from high school in 1997 or later.

\*The SAT I Writing Section is also required but will not be used in making an admission decision. If you took the SAT I before the Writing Section was available, please contact Admissions for options.

3. Meet specific course requirements in addition to the grade point average and/or test score requirements listed in part 2 above. A general description of the type of courses required in each of the subject categories may be found under High School Course Requirements below.

Students who have not completed the subject requirements must have a combined Math + Critical Reading score of 1010 on the SAT I: Reasoning Test and a score of 470 on the SAT I: Writing Test, or an ACT composite score of 21. These students must also score an average 470 or above (940 total) on two SAT Subject Tests (Math level I or IIC and another test in an area in which the student has a subject deficiency). Alternatively, students may elect to take make-up coursework (high school or college level) for specific subject requirements missed in high school.

Note: Part 3 of this section is waived for students who graduated from high school prior to 1985. Students who took the SAT I prior to February 2005 should contact Admissions.

## High School Course Requirements

Applicants must satisfactorily (grade of C- or better) complete 14 units (one year equals one unit) of college preparatory work in the following areas:

**English (4 units).** Includes study of the English language, literature, speaking and listening, and writing with an emphasis on and frequent practice in expository prose during all four years.

**Mathematics (3 units).** Includes first-year algebra, as well as two additional years of college preparatory mathematics, such as geometry (deductive or descriptive), advanced topics in algebra, trigonometry, analytical geometry, finite mathematics, advanced applications, calculus, probability and statistics, or courses integrating topics from two or more of these areas. (One unit is highly recommended in the senior year; algebra and geometry taken prior to the ninth grade are accepted.)

**Science (2 units).** Includes a year each in two fields of college preparatory science, such as biology, chemistry, physics, or earth and physical science (one recommended as a laboratory science).

**Social Studies (3 units).** Includes one year of U.S. history, one year of global studies (e.g.,

world history or geography), and one year of social studies electives.

**Second Language (2 units).** Includes one of the following: two years of the same high school level second language; a C- or above in the third year of a high school level language; two terms of a college-level second language with a grade of C- or above; or satisfactory performance on an approved assessment of second language proficiency. Demonstrated proficiency in American Sign Language (ASL) meets the second language requirement.

### Special Admission

Students who do not meet the admission requirements may appeal to the Undergraduate Admissions Advisory Committee, which may recommend special admission. Students wishing to pursue this appeal must submit the appropriate Request for Admission by Committee form and all supporting documents required on that form. Students will also be held to the deadlines and requirements outlined on that form.

### Proficiency-Based Admission Standards System (PASS)

These admission standards give applicants a better understanding of the academic skills necessary for admission to a public university in the state of Oregon. This complete and accurate assessment of academic skills enables universities to make informed admission decisions. Students in Oregon public high schools may use the Certificate of Initial Mastery (CIM) to meet some of the standards required for admission. However, the CIM is not required for admission. For more information, visit [ous.edu/pass](http://ous.edu/pass).

### Admission of Transfer Students

Students transferring to SOU from a regionally accredited college or university must show evidence of honorable dismissal from the other collegiate institutions and a cumulative grade point average of at least 2.25 in 36 or more credits of acceptable college work. Applicants who hold an associate's degree from a regionally accredited institution or an Oregon Transfer Module (OTM) will be admitted with a 2.00 GPA. SOU limits students to a maximum of 12 quarter credits (8 semester credits) of physical education activity and team participation credits that can be used toward meeting the transfer admission requirements. A transfer student with fewer than 36 transferable quarter credits must also meet requirements for freshman standing.

Post-1996 GED holders, as well as applicants who graduated from high school in 1997 or later must also submit a copy of their official high school academic records to prove they have successfully completed with a C- or better a minimum of two years (2 units) of study in a second language. An exception to this requirement will be made for transfers who have completed two terms (8 quarter credits) of a second language at the college level with a C- grade or better or who have achieved satisfactory performance on an approved second language proficiency assessment (ASL is acceptable).

Transfer applicants must submit an application form, the \$50 application fee, and official transcripts from every institution of higher education attended. Transcripts must be mailed from the prior institutions directly to the Southern Oregon University Admissions Office. Transfer students are also encouraged to visit the campus and contact Academic Advising and Support Services for academic advising.

Transfers should note that a minimum of 45 of the last 60 credits of coursework must be SOU credits to complete a degree. For more specific requirements, see the descriptions of the various degree programs in the catalog. In

addition, please refer to *Transfer Student Options* for more information.

### Credit from Accredited Institutions

Advanced standing is granted to students transferring to SOU with acceptable records from regionally accredited institutions. The amount of credit granted depends on the nature and quality of the applicant's previous work, evaluated according to Southern Oregon University's academic requirements. The GPA of transferred credits is computed and used only as a basis for admission and is not included in a student's SOU GPA.

### College Level Examination Program (CLEP) Credit

EXAMINATION	SCORES	CREDITS	COURSE
<b>GENERAL EXAMINATIONS</b>			
College Mathematics	50	4	Math elective
English Composition	60	8	WR 121, 122
Natural Sciences	50	9	Science elective
Social Sciences and History	50	8	Social Science elective
<b>Subject Examinations</b>			
<i>Composition and Literature</i>			
American Literature	54	8	ENG 104, 105
Analyzing and Interpreting Literature	55	4	ENG 298
English Literature	54	8	ENG 104, 105
<i>Foreign Languages</i>			
College-Level French Language	50	12	French TBD
College-Level German Language	50	12	German TBD
College-Level Spanish Language	50	12	Spanish TBD
<i>History and Social Sciences</i>			
American Government	50	4	PS 199
History of the United States I: Early Colonizations to 1877	50	4	HST 250
History of the United States II: 1865 to the Present	50	4	HST 251
Human Growth and Development	50	4	PSY 370
Introduction to Educational Psychology	N/A	0	No equivalent
Principles of Macroeconomics	50	4	EC 202
Principles of Microeconomics	50	4	EC 201
Introductory Psychology	50	8	PSY 201, 202
Introductory Sociology	45	4	SOC 204
Western Civilization I: Ancient Near East to 1648	50	4	HST 110
Western Civilization II: 1648 to the Present	50	4	HST 111
<i>Science and Mathematics</i>			
Calculus with Elementary Functions	50	4	MTH 251
Calculus with Elementary Functions	60	8	MTH 251, 252
College Algebra	50	4	MTH 111
Precalculus	50	8	MTH 111, 112
General Biology	50	9	Biology elective
General Chemistry	50	9	CH 201, 202, 203
<i>Business</i>			
Information Systems and Computer Applications	52	4	BA 131
Introductory Business Law	56	4	BA 370
Principles of Management	N/A	0	No equivalent
Principles of Accounting	51	4	BA 121
Principles of Accounting	65	8	BA 211, 213
Principles of Marketing	N/A	0	No equivalent

### Credit from Unaccredited Institutions

No advanced standing is granted at entrance for work at a non-regionally accredited institution.

After three terms of satisfactory work at SOU, a student may receive credit for coursework from unaccredited institutions, but the courses must be equated with courses offered at SOU.

### Credit from Two-Year Institutions

SOU accepts credit toward a baccalaureate degree from all college transfer work (up to 124 lower division term credits) completed in Oregon or regionally accredited community colleges in other states. Up to 24 credits of vocational-technical coursework that is applicable in an associate degree or certificate program at an accredited institution may be accepted as elective credit toward the 124 credits. Vocational-technical credits are not utilized in the admission decision.

### Special Academic Credit

SOU considers granting credit for credit by examination, the College Level Examination Program (CLEP), Advanced Placement (AP), and International Baccalaureate (IB). Please read *Special Academic Credit* for more information.

### Admission to Professional Programs

Admission to SOU does not automatically guarantee admission to its professional programs and schools. Standards of admission and evaluation of transfer credit for such programs often include requirements beyond those stated in the general catalog. Students entering any of these programs or schools must be prepared to undertake the curriculum at their level of entry and to maintain school standards.

### Admission of International Students

SOU is committed to diversifying its student body with the addition of students from other countries. Application materials for international students are available at [sou.edu/admissions/international](http://sou.edu/admissions/international).

In addition to meeting the minimum English language requirements as outlined in the English Proficiency section below, international students are also required to submit a financial statement and official academic transcripts and to maintain adequate medical insurance. At the time of registration, students may enroll in a comprehensive medical insurance plan for themselves and their dependents through Southern Oregon University. For insurance information, contact the international student advisor at 541-552-6660.

### English Proficiency

The Test of English as a Foreign Language (TOEFL) is required of students whose native language is not English. A score of 68 Internet-based, 520 paper-based, or 190 computer-based is required of undergraduate applicants, while a score of 76 Internet-based, 540 paper-based, or 207 computer-based is required of applicants to graduate programs. Undergraduate applicants may also meet the English proficiency requirement with a score of 959 on the SAT II English Language Proficiency Test (ELPT) or a score of

### Advanced Placement (AP): College Entrance Examination Board (CEEB) Credit

When AP scores are received by the University directly from CEEB, credit may be awarded as indicated below:

EXAMINATION	SCORES	CREDITS	COURSE
Art History	3, 4, 5	4	ARTH 199
Art, Studio: Drawing	3, 4, 5	4	ART 133
Art, Studio: General	3, 4, 5	4	ART 199
Biology	3, 4, 5	12	BI 101 BI 102 BI 103
Chemistry	3, 4, 5	9	CH 201, 202, 203
		6	CH 204, 205, 206*
		15	
Computer Science A or AB	3, 4, 5	4	CS 257
Economics: Micro	4, 5	4	EC 201
Economics: Macro	4, 5	4	EC 202
English Literature and Composition	3 4	8 12	ENG 104 or 105 and WR 121 ENG 104, 105 and WR 121
	5	16	ENG 104, 105 and WR 121, 122
English Language and Composition	3 4, 5	4 8	WR 121 WR 121, 122
Human Geography	3, 4, 5	4	GEOG 107
Languages:			
German	3 4 5	12 16 20	GL 101, 102, 103 GL 101, 102, 103, 201 GL 101, 102, 103, 201, 202
Latin, Virgil	3, 4, 5	4	Humanities
Latin, Literature	3, 4, 5	8	Humanities
Spanish	3 4 5	12 16 20	SPAN 101, 102, 103 SPAN 101, 102, 103, 201 SPAN 101, 102, 103, 201, 202
French	3 4 5	12 16 20	FR 101, 102, 103 FR 101, 102, 103, 201 FR 101, 102, 103, 201, 202
Music Theory	4, 5	12	MUS 121, 122, 123, 124, 125, 126
Psychology	3, 4, 5	4	PSY 201
United States History	3, 4, 5	8	HST 250, 251
European History	3, 4, 5	8	HST 110, 111
Government and Politics (United States)	3, 4, 5	4	PS 199 Special Studies: Government and Politics (U.S.)
Government and Politics (Comparative)	3, 4, 5	4	PS 199 Special Studies: Government and Politics (Comparative)
Mathematics:			
Cal. AB†	3 4, 5	4 8	MTH 251
Cal. BC†	3 4, 5	8 12	MTH 251, 252, 253
Statistics	4, 5	4	MTH 243
Physics:			
Physics B	3, 4, 5	9	PH 201, 202, 203
Physics C (Mechanics)	3, 4, 5	5	PH 221, 224
Physics C (Electricity and Magnetism)	3, 4, 5††	10	PH 222, 223, 225, 226
World History	3, 4, 5	8	HST 111, 112

\* Credit for General Chemistry laboratory is decided on the basis of the student's individual record of courses completed and the test score.

† Credit not granted in both, only one or the other, depending on the examination taken.

†† Scores apply to both exams.

6 on the International English Testing System (IELTS). A score of 964 on the ELPT or a 6.5 on the IELTS will meet the English proficiency requirement for graduate applicants. Alternatively, both undergraduate and graduate applicants can meet the English proficiency requirement by successfully passing ELS Level 112.

Students whose English does not meet the TOEFL requirement may enroll in the ELS Language Center, the intensive English language program on campus. For more information on ELS Language Centers, visit [els.com](http://els.com) or write to ELS Language Centers, Southern Oregon University, Ashland, Oregon 97520. (See the *ELS Language Centers* section.)

### Postbaccalaureate Admission

Students interested in pursuing a second bachelor's degree or in taking 9 or more credits of graduate coursework without being admitted to a master's program are classified as postbaccalaureate students. Students who intend to take courses for undergraduate credit only may apply for postbaccalaureate nongraduate status, which allows them to pay undergraduate fees. Students must apply to Admissions to be admitted to postbaccalaureate status. The minimum cumulative undergraduate GPA required by the Admissions Office is 2.25 (4.0 system).

### Graduate Student Admission

Students interested in entering a graduate or licensing program must be admitted under graduate student status at the earliest possible time. Otherwise, courses completed at the University may not apply to the program. The admission process is initiated through the Office of Admissions (541-552-6411). Please see *Admission to a Master's Degree Program* for admission dates and deadlines.

### Regularly Admitted Graduate Students

Students pursuing a master's degree are considered regularly admitted graduate students. Regular admission is granted once the student has met admission standards (see Graduate Programs on page 163). Students must apply to the Admissions Office and to the specific master's program. They must be in possession of a letter from the school's graduate coordinator admitting them to the specific master's program before graduate student status is official.

### Residency Policy

In Oregon, as in all other states, instruction fees at publicly supported four-year universities are higher for nonresident students than for resident students.

The current rules and amendments used to determine residency seek to ensure that only bona fide Oregon residents are assessed the resident fee. Please see [sou.edu/registrar](http://sou.edu/registrar) for the latest version of the residency policy (Oregon Administrative Rules, Chapter 580, Division 10, Board of Higher Education).

### Western Undergraduate Exchange

Britt 242  
541-552-6411  
[sou.edu/finaid](http://sou.edu/finaid)

The Western Undergraduate Exchange (WUE) program enables students in fourteen participating states to enroll in designated programs at selected public colleges and universities at special tuition rates. Tuition for WUE students is regular in-state tuition of the institution the student will attend, plus 50 percent of that amount.

The following states are participating in the 2006-07 WUE program: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming.

Students who would like to attend SOU under the WUE program must apply using SOU's online scholarship application, available at the website listed above. All SOU BA/BS programs, except for pre-nursing, are eligible for the WUE.

### Enrollment as a Nonadmitted Student

Any person over the age of eighteen who has not been admitted to Southern Oregon University and who wishes to enroll in no more than 8 credits during an individual term may enroll as a nonadmitted graduate or undergraduate student. (Foreign students with F-1 visas must be cleared through the foreign student advisor before they register as nonadmitted students.) Nonadmitted students are not required to submit transcripts, test scores, or pay an application fee. They are not admitted to pursue a degree program or to attend the University full time. The nonadmitted student category permits students to enroll in Southern Oregon University classes on a space-available basis. The forms necessary for this type of enrollment are available in the Enrollment Services Center.

### Admission of Senior Citizens

Unless the class is taken for credit, persons at least sixty-five years of age may attend classes free of charge on a space-available basis.

### New Student Programs

Each fall term, new students are invited to campus to participate in a comprehensive, required orientation program before classes begin. The activities are designed to help new students get acquainted with faculty, administrators, and student leaders. Students also become familiar with various SOU services, clubs, organizations, and other extracurricular activities. Most importantly, students are introduced to the standards and expectations of the University as they are welcomed into the SOU community. A similar but abbreviated orientation program is offered for students who are admitted other terms.

### Special Academic Credit

#### ADVANCED PLACEMENT

Students who have taken an advanced placement course of the College Entrance Examina-

tion Board (CEEB) at their secondary school and who have taken Advanced Placement (AP) examinations of CEEB may receive credit based on their scores. No credit is given for an examination with scores of 1 or 2. Scores must be received directly from CEEB for the student to be awarded credit.

#### CREDIT BY EXAMINATION

Regularly enrolled full-time undergraduates with exceptional proficiency in an academic subject offered by the University may take an examination to receive university credit toward degree requirements. Credit by examination is not available for practicum or field experience courses, nor is it available for Special Studies, Research, Workshop, Reading and Conference, Seminar, or other similarly titled courses. A maximum limit of 24 term credits may be earned. Credit by examination does not count as resident credit.

To challenge a course by examination, a student must obtain the approval of the instructor, advisor, and department chair; apply to the registrar (applications are available in the Enrollment Services Center); and pay the credit by examination fee. The application will be denied if the student has previously: a) received credit for the course at this or another college; b) challenged the course and received an NP; or c) completed courses at a higher level of competency (e.g., a student registered in or having completed a second year language may not earn credit by examination in the first-year language).

The examination may be a standardized test or a thorough, comprehensive examination on the entire course. The comprehensive exam is prepared by members of the teaching faculty who normally teach the course being challenged. Results of the course challenge shall be recorded as P (grade C- or above) or NP on the student's transcript and will not be used to compute the grade point average.

Students seeking credit for 100- and 200-level second-language coursework are granted the following exception to the Credit by Exam policy: students who place in a course beyond 101, enroll in the course within one year of taking the placement exam, and complete the higher level course with a B or better may receive credit for the lower level courses. Students must apply for credit within one term of completing the higher level course.

#### INTERNATIONAL BACCALAUREATE

SOU evaluates IB test scores much in the same way it evaluates AP scores. Students must have official test scores sent to the Office of Admissions. SOU may award credit to students who receive a 5 or higher on any Higher Level IB examination. No credit is awarded for Subsidiary Level exams. For more information, please contact Admissions at 541-552-6411.

#### COLLEGE LEVEL EXAMINATION PROGRAM

Southern Oregon University allows credit for College Level Examination Program (CLEP) exams (see chart on page 8). Exams are conducted at SOU's Medford Campus. Call 541-552-8100 to schedule an exam or to request more infor-

mation. This credit is subject to the following guidelines:

1. Students may earn as many credits through CLEP as they are able to successfully pass, providing the examination does not duplicate credit previously earned. In instances where an exam offers multiple course credit (Freshman College Composition, for example), students will be permitted to take the exam to earn CLEP credits solely for the coursework not previously taken.
2. A student is allowed only one attempt in each course to acquire credit through CLEP. Students who have taken but not passed a course may subsequently attempt to acquire credit in the course through CLEP. If they fail, they can acquire credit only by repeating the course. If the student fails the examination, it is not recorded on the student's academic record.
3. Students who have taken CLEP examinations prior to entering Southern Oregon University may transfer their credit. They must have passed the examination with a score at or above the minimum level accepted by the University, and the University must approve the examinations for credit.

#### MILITARY CREDIT

Southern Oregon University generally grants credit for some military education experiences as recommended by the American Council on Education's Guide to the Evaluation of Educational Experiences in the Armed Services and in accordance with SOU and Oregon University System policies regarding transfer credits. Students may request evaluation of credits earned through the Community College of the Air Force, Defense Language Institute, or military education. Students must submit official copies of college transcripts or a Certificate of Completion from the Defense Language Institute. An official copy of the students DD 214, DD 295, SMART, or AARTS transcript is required for military education and occupational credits.

#### CORRESPONDENCE CREDIT

SOU accepts up to 60 credits of extension study, 24 of which may be by correspondence from regionally accredited institutions. For further information about special credit programs, contact Admissions at 541-552-6411.

#### Accelerated Baccalaureate Degree

The University offers the Accelerated Baccalaureate Degree Program for those students who have the motivation, maturity, time-management skills, and academic strengths necessary to finish a degree in three rather than four years. Advantages of the program are earlier entry into the job market, a focused undergraduate program as preparation for graduate school, and financial savings on one full year of tuition and fees.

The following areas participate in the Accelerated Baccalaureate Program: business, chemistry, communication, computer science, criminology and criminal justice, economics, English and writing, foreign languages and literatures,

geography, health and physical education, history, international studies, mathematics, physics, and sociology and anthropology. For more information, see the *Accelerated Baccalaureate Degree Program* section in this catalog, or visit [sou.edu/abp](http://sou.edu/abp).

# Registration

Enrollment Services Center

Britt Hall

541-552-6600

SOU students may register via SISWeb at [sou.edu/sis](http://sou.edu/sis).

Information about dates for priority preregistration, open registration and schedule adjustment, late registration, advising services, adding/dropping, and course offerings is available online.

#### Change of Registration

##### STUDENTS CHANGING REGISTRATION

Students may continue to register and add classes to their schedule through the first week of the term. After the first week of the term, students cannot add classes via SISWeb. To register late, students will need to submit an add form to the Enrollment Services Center with the appropriate signature(s). See the Late Add Fee policy under the Tuition and Fees section for details regarding timing, required signatures, and fees.

Students may drop classes via SISWeb through the fourth week of the term. From the fifth week of the quarter through the Monday of the week prior to final exams, students may withdraw from classes by submitting a drop form to the Enrollment Services Center. Students may change the grading option (P/NP) through the seventh week of the term in person at the Enrollment Services Center.

##### INSTRUCTORS CHANGING REGISTRATION

Instructors may cancel the course registration of a student when there is justification, provided the instructor's department chair or school dean concurs. This includes the right of an instructor to cancel the course registration of a student for disciplinary reasons at any time, again with the concurrence of the instructor's department chair or school dean.

Students who do not attend the first two regular class meetings at the beginning of the term and who have not given the instructor prior notice of absence may be administratively dropped from that class by the instructor. For classes or labs that meet only once a week, the instructor may drop a student if he or she does not attend the first regular class or lab meeting without giving the instructor prior notice.

#### Withdrawal from the University

Students in good standing are entitled to honorable dismissal at any time through Monday of the last week of classes. Students withdrawing after the end of the fourth week and through Monday of the last week of classes receive a WP (Withdrawn Passing) or a WF (Withdrawn Failing) in each of their courses. Students who leave campus after Monday of the last week of classes are responsible for grades in all courses.

Students who want to completely withdraw may do so in person or via SISWeb. The effective date of withdrawal is the date the withdrawal form is submitted to the Enrollment Services Center.

# Tuition and Fees

Enrollment Services Center

Britt Hall

541-552-6600

[sou.edu/enrollment](http://sou.edu/enrollment)

All persons who attend classes at SOU must pay applicable tuition and fees.

Tuition, fees, and deposits in all of the state institutions of higher education are charged according to OUS Board-approved rates that vary at different institutions. The Oregon University System and Southern Oregon University reserve the right to make changes in the fee schedules following notice requirements.

The fee schedule can be found at [sou.edu/enrollment/tuitioncalculator/index.php](http://sou.edu/enrollment/tuitioncalculator/index.php).

#### Regular Fees

The fee schedule lists the regular fees paid by all students under the usual conditions. These fees entitle students to use Hannon Library, lab equipment, the computer lab, materials related to courses for which students are registered, and athletic facilities when available. In addition to tuition and fees, SOU charges programmatic resource fees to students enrolled in programs with specialized services and resources. Students are also entitled to outpatient medical attention and advice at the Student Health and Wellness Center and to all other services maintained for the benefit of students. No reduction of fees is made to students who may prefer not to use some of these privileges.

Note: In certain classes, additional fees may be charged for equipment, materials, or services required as part of course instruction. Such fees are published at [sou.edu/bus\\_serv](http://sou.edu/bus_serv) each term and are payable with regular fees.

#### Fee Payment Policies

Tuition is due upon registration for classes. Students are encouraged to pay all charges in full at the onset of the quarter to avoid late fees or penalties. If payment in full cannot be made prior to the beginning of classes, SOU automatically activates the Revolving Charge Account Plan to extend payment deadlines for full payment of tuition.

In addition to the Revolving Charge Account Plan, there are various other ways to pay, including VISA or MasterCard (by phone or mail, in person, online via SISWeb, or electronic payment) and check or money order (by mail or in person). Students may deposit fee payment checks or money orders at the Enrollment Services Center located in Britt Hall.

Students receiving grants, loans, or scholarships are required to use those funds to cover tuition and fees and may be ineligible for the Revolving Charge Account Plan unless financial aid is insufficient to cover all tuition, fees, and related expenses.

Participation in special programs may require specific fees. For example, study abroad or exchange programs may charge administrative fees. Students who decide not to attend classes for which they have registered must formally withdraw, or else they are expected to pay the tuition due. Students must notify the Enrollment Services Center in person or online via SISWeb about cancellation of preregistration and upon withdrawal from any or all classes. Students who do not notify the Enrollment Services Center may be liable for payment of tuition assessed for classes they did not attend.

Although the University would prefer not to use such measures, it has the right to suspend the extension of credit and services; to withhold grade reports, transcripts, and graduation; and to deny or cancel registration of any student who has not paid or made arrangements to pay by designated payment deadlines. The right to extension of services may also be in jeopardy if students are in debt to any institution within the Oregon University System.

Students are advised to check with Enrollment Services Center staff who are available to assist with particular circumstances or problems related to meeting a payment deadline.

#### **Revolving Charge Account Plan**

Students are encouraged to obtain a copy of the Revolving Charge Account Plan from the Enrollment Services Center or online at [sou.edu/enrollment](http://sou.edu/enrollment). This plan, set out fully in Oregon Administrative Rule 573-15-010, is summarized below:

- A. Any person who incurs charges, fines, or penalties at SOU establishes a Revolving Charge Account Plan (Plan) and, by default, agrees to its terms and conditions.
- B. To use the Plan for the payment of tuition and fees, students must have paid any past due or noncurrent charges in full.
- C. The Plan is designed to allow students to extend the time they have to pay current term charges. Instead of paying in full at the onset of the term, students may pay only the first third of tuition, the first half of residence hall charges, together with all other fees and charges by the initial due date for the term. The remainder of the account balance must be paid by the first day of the last month of the term: December 1 for fall, March 1 for winter, and June 1 for spring.
- D. All students are required to complete and return the Revolving Charge Account Agreement. Making the minimum payment indicates intent to use the Plan and willingness to abide by its terms and conditions. Students are still required to sign the Revolving Charge Account Plan Agreement since it discloses the terms and conditions of the Plan in full detail.

- E. There is a \$15 nonrefundable service charge each term for use of the Plan. Any account not paid in full by the due date is assessed 9 percent per annum interest.
- F. Course fees, application fees, and the like may not be deferred under the Plan. The Revolving Charge Account Plan is intended to extend the time allowable to pay tuition and residence hall fees only.
- G. Accounts six months past due are subject to a 15-percent collection charge. We urge students to be mindful of all payment due dates.

#### **Part-Time Tuition and Fees**

Part-time students carrying 8 or fewer credits are assessed tuition based on the level of each course taken. These students may pay an additional fee if they wish to receive outpatient health services from the Student Health and Wellness Center.

#### **Overload Fees**

Undergraduate students are required to pay an overload fee for each credit in excess of 16. Graduate students must pay an overload fee for each credit in excess of 16.

## **Financial Aid**

Enrollment Services Center

Britt Hall

541-552-6600

[sou.edu/enrollment](http://sou.edu/enrollment)

Financial aid assistance at Southern Oregon University comprises scholarships, loans, grants, and work-study to those who qualify. In addition to awarding financial aid, the Enrollment Services Center provides financial aid counseling.

Since SOU has a limited amount of financial assistance available, the primary responsibility for meeting the students educational expenses rests with the family.

#### **Application Procedures**

The Free Application for Federal Student Aid (FAFSA) is used to apply for loans, scholarships, grants, and the work-study program. Students may access the FAFSA on the web at [fafsa.ed.gov](http://fafsa.ed.gov).

Students may obtain a paper FAFSA application from any college financial aid office or their high school counselors. An SOU application for admission must be on file before an aid offer can be made.

#### **Application Deadlines**

To meet the University's March 1 deadline for financial aid first consideration, file the FAFSA listing SOU between January 1 and February 10. These early applicants who have applied for admission to SOU usually receive their award notifications beginning in April. Later FAFSA applicants who have applied for admission are notified on a rolling basis.

Financial aid awards are for a one-year period. Applicants must reapply through the FAFSA each year to receive continued consideration for financial assistance. For more information, contact the Enrollment Services Center at 541-552-6600 or visit [sou.edu/enrollment](http://sou.edu/enrollment).

#### **Perkins Loan**

The Federal Perkins Loan is a 5-percent deferred interest loan. First priority in awarding is given to early FAFSA filers with high financial need. At SOU, the average award is \$1,000 a year. These funds must be repaid. Repayment begins nine months after the student graduates or leaves school.

#### **William D. Ford Federal Direct Loan**

The Federal Direct Stafford/Ford Loan is available to all eligible students. Needy students borrow first from the subsidized Stafford/Ford Loan (interest deferred). Students categorized as "no need" borrow through the unsubsidized Stafford/Ford Loan (interest accrues while enrolled). Annual limits are: \$3,500 for freshmen; \$4,500 for sophomores; \$5,500 for juniors and seniors; and \$8,500 for graduate students.

Students defined as independent by aid law may qualify to borrow both the subsidized and unsubsidized Stafford/Ford Loan amount each year. This allows the eligible independent student to borrow approximately twice as much as the dependent student.

The total combined Stafford/Ford Loan debt maximums are \$23,000 for dependent undergraduates and \$46,000 for independent undergraduates. The graduate maximum of \$138,000 includes loans received as an undergraduate.

Postbaccalaureate students or those pursuing a second bachelor's degree are limited to borrowing the appropriate undergraduate amount.

The interest rate is variable, not to exceed 8.25 percent. Loan processing fees of 1.5 percent are deducted from each loan disbursement. Repayment begins six months after the student graduates, leaves school, or drops below 6 credits.

Federal Direct PLUS Loans are available to parents of dependent undergraduate students. No family income restrictions are attached to this auxiliary loan program. A credit check is required. The interest rate is variable, not to exceed 9 percent. Loan processing fees of 2.5 percent are deducted from each loan disbursement. Parents may borrow up to the cost of attendance minus other aid. These loans may be used to offset expected contributions by the parent.

#### **Employment**

The Federal Work-Study Program provides federally subsidized part-time employment for students with analyzed financial need. Job hours are coordinated with the student's class schedule. Positions are available in campus departments and off-campus nonprofit agencies. The program encourages community service work.

The Career Services Office helps students find other, non-work-study jobs on campus and in the community for part-time employment.

## Scholarships, Awards, Grants, and Gifts

Last academic year, SOU students received more than \$5 million through SOU sources or other public and private scholarship donors. Students should contact the Enrollment Services Center or visit [sou.edu/enrollment](http://sou.edu/enrollment) for more information about scholarships.

**Scholarships.** Southern Oregon University offers a number of scholarships ranging from \$100 to full tuition/fees. Many scholarships are awarded to students already attending the University. However, approximately 275 freshman scholarships are available, including the SOU Diversity, Presidential, Laurels, Incentive, Provost, Smullin, Robert W. and Betty F. Root, and Ruth Kneass Memorial Scholarships.

Many scholarships are awarded on the basis of academic achievement, while others are based on need or community service. Applicants must file the FAFSA to be considered for need-based scholarships.

SOU scholarships can be applied for via the SOU online scholarship application form. Consult [sou.edu/enrollment](http://sou.edu/enrollment) for the scholarship application and information. Applicants will be considered for every scholarship for which they are eligible.

**Federal Pell Grants.** This award provides students with up to \$4,050 for each undergraduate year. Pell Grants are awarded to low-income families. Unlike loans, grants do not have to be paid back.

**Federal Supplemental Educational Opportunity Grant (SEOG).** These grants provide up to \$1,000 a year to undergraduate students with exceptional financial need who file early. Students must be Pell-eligible to receive SEOG consideration.

**Oregon Opportunity Grant (OOG).** The Oregon Student Assistance Commission considers undergraduate students who are Oregon residents for this grant. The OOG is based on financial need and is renewable annually for up to twelve terms, provided financial need and satisfactory progress continue. Early filing of the FAFSA is strongly advised.

**OUS Supplemental Tuition Grant.** Undergraduates who are Oregon residents are considered for the OUS Supplemental Tuition Grant. The student must be enrolled full time each term. The maximum award is \$1,200 a year.

## Affirmative Action Policies

### EQUAL EMPLOYMENT OPPORTUNITY

Southern Oregon University is an equal opportunity employer that recruits, hires, trains, and promotes into all job levels the most qualified persons without regard to race, color, religion, gender, sexual orientation, marital status, disability, national origin, veteran status, or age. Similarly, SOU administers all other personnel matters (such as compensation, benefits, transfers, layoffs, University-sponsored training, educational benefits, and social and recreational programs) in accordance with the University's

equal employment opportunity policy. It is SOU policy that illegal discrimination shall not exist in any activity or operation of the University.

### DISCRIMINATORY HARASSMENT

Within the basic philosophies, goals, and guidelines for Southern Oregon University, students and employees shall have the right to pursue educational, recreational, social, cultural, residential, employment, and professional activities in an atmosphere where the rights, dignity, and worth of every individual are respected. These rights are granted independent of an individual's race, color, national origin, religion, age, disability, marital status, veteran status, gender, or sexual orientation. Any harassing, threatening, or intimidating activity, or any practice by an employee or a student that abuses, endangers, jeopardizes personal safety, or interferes with official duties, class attendance, or educational pursuits of any person is prohibited. SOU is committed to free speech. Nothing in this policy is intended to limit constitutional protections of speech. Great care must be taken not to inhibit open discussion, debate, and expression of personal opinion and differences of opinion, particularly in the classroom. However, even when laws cannot compel us to do so, speaking responsibly requires us to be sensitive to the effects of hostile speech and to refrain from speaking in demeaning and harassing ways. As a community devoted to scholarship and education, all members are encouraged to resolve disputes in an open, mature manner through discourse, mediation, and education, and to actively work to promote a campus climate and work environment that is open and welcoming to all people.

### DISABILITY ACCESSIBILITY

It is the policy of Southern Oregon University that no otherwise qualified person shall, solely by reason of disability, be denied access to, participation in, or the benefits of any service, program, or activity operated by the University. Each qualified person shall receive reasonable accommodations/modifications needed to ensure equal access to employment, educational opportunities, programs, and activities in the most appropriate, integrated setting, except when such accommodation creates undue hardship on the part of the provider. These policies are in compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and other applicable federal and state regulations that prohibit discrimination on the basis of disability.

### AFFIRMATIVE ACTION

Southern Oregon University is committed to the concepts and goals of affirmative action. This means actively and aggressively seeking the inclusion in the student population and in the job force of individuals historically underrepresented by making a positive and continuous effort in their recruitment, employment, retention, and promotion. SOU is committed to strengthening these values through its curriculum offerings. There are four groups of people who are classified as racial minorities for affirmative action purposes: Hispanics, Native Americans and Alaskan Natives, African Amer-

icans, and Asians and Pacific Islanders. Other groups, because they have suffered the effects of discrimination, are also the focus of affirmative action efforts: women, the disabled, people over forty, Vietnam-era veterans, and individuals with an alternative sexual orientation. The University is committed to actively removing any barriers that artificially limit the personal development of women and minorities, as defined above. Inquiries may be directed to Human Resource Services at 541-552-6511.

### ATHLETICS POLICY

The University is committed to providing equal athletic opportunity for members of both sexes. Equal opportunities include the following: accommodating the athletic interests and abilities of female, as well as male students (including the selection of sports and levels of competition), equipment and supplies, scheduling, travel and per diem allowances, opportunities to receive coaching and academic tutoring, assignment and pay of coaches and tutors, locker rooms and other facilities, medical and training facilities and services, publicity, recruitment, athletic scholarships, and other factors. The SOU Title IX compliance officer is the director of athletics. Title IX grievances shall be processed as outlined in OAR 57335.

## Academic Services

### Academic Advising and Support Services

Stevenson Union 134  
541-552-6213

Academic advising is available to all students attending Southern Oregon University. The mission of the SOU advising program is to provide each student with the information and advice necessary to complete a college program appropriate to his or her developing life and career objectives. The principal goals of the advising program include delivering accurate information about degree requirements, assisting students with choosing a major, and teaching students to monitor progress toward their degrees.

Meeting with an advisor is one of the most important contacts in the student's academic career. Advisors not only provide academic assistance, but also serve as mentors and resources in the student's field of study.

### TRANSFERS OR UNDECLARED MAJORS

New transfer students and all students who are undeclared majors should make an appointment to see an academic advisor. Students entering in fall will be invited to receive their academic advising during Raider Registration held each summer. Students are advised on University Studies requirements, choosing a major, BA/BS requirements, and how to register for classes.

If you have questions regarding University Studies requirements, you are encouraged to see an advisor. After you have selected a major, you will be advised by a faculty member within your major department.

All students have access to advising services at SOU's Academic Advising and Support Services.

**FRESHMAN STANDING (0-44 CREDITS)**

The University Seminar instructor provides advising for all freshmen required to complete USEM 101, 102, and 103. This yearlong sequence of courses focuses on writing, speaking, and clarifying educational goals.

The USEM instructor assists with the preparation of freshman and sophomore year plans, which serve as guides for course selection and overall academic planning.

**SOPHOMORE STANDING (45-89 CREDITS)**

Sophomores with declared majors are assigned an advisor within their academic department. Sophomores must contact their major department to formally declare a major and request an advisor.

Sophomores without a declared major continue to be advised and receive assistance in deciding on a major from Academic Advising and Support Services.

All sophomores must declare a major and complete a junior plan in their chosen department by the conclusion of their sophomore year. This plan and a declaration of major must be on file by the time students accumulate 90 credits.

**JUNIOR STANDING (90-134 CREDITS)**

Upon reaching junior standing, students must have:

declared a major;  
secured a departmental advisor; and  
filed a junior plan through their major department.

**SENIOR STANDING (135+ CREDITS)**

Upon reaching senior standing, students must have:

filed a senior plan through their major department; and  
filed an Application for Degree for graduation at least two terms prior to the term in which the student plans to complete degree requirements. Applications for Degree are available in the Enrollment Services Center.

**Academic Support**

Stevenson Union 134

541-552-6213

The goal of the University is to provide each student with the best possible opportunity for successful completion of a degree program.

Academic Advising Services help students develop the learning skills and study habits needed to succeed throughout their academic careers. Academic Support coordinates mathematics tutoring, computerized mathematics placement testing, and the University's Writing Center.

**Career Development Services**

Involvement Center

541-552-6461

[sou.edu/careers](http://sou.edu/careers)

SOU Career Development Services facilitates the professional development of students and alumni while forging strong partnerships with employers and the community. Students are encouraged to take an active role in their career development as early as their first year at SOU. This may be accomplished by meeting with a professional career counselor to explore interests and skills in defining career goals. In addition, CDS assists students with resumes and cover letters, interviewing skills, and job-search strategies. Career assessments are available to provide students with information about their personality preferences and interests in relation to their career development.

CDS coordinates career-related events such as weekly workshops, employer information sessions, annual career fairs, and on-campus interviews. These events are open to all students and take place throughout the school year.

CDS manages SOU CareerLink, an integrated, web-based recruitment system that links students and alumni with employers at the local, regional, national, and international levels. This system enables employers to target SOU students for internship and employment opportunities. Students have access to these postings at anytime and can apply directly through the system.

SOU Career Development Services is an active member in both the Mountain Pacific Association of Colleges and Employers (MPACE) and the National Association of Colleges and Employers (NACE).

**Community-Based Learning**

Involvement Center

541-552-6461

[sou.edu/cbl](http://sou.edu/cbl)

Community-based learning, civic engagement, and volunteer opportunities are important at SOU and play a crucial role in helping students learn, grow, and contribute to the world around them. SOU believes it is crucial that our graduates leave with the skills, ability, and inclination to serve the community. Community-based learning comprises a variety of teaching and learning strategies that allow students opportunities to work and learn in a community environment and to apply what they learn in the classroom to real-world situations. Community-based learning is distinguished by reciprocity and the intent to ensure equal focus on the service provided and the learning in the classroom. Community agencies benefit by having energetic, skilled, and focused students apply themselves to solving real problems and meeting real needs throughout SOU's service area.

Students, community members, and faculty are encouraged to contact the office of Community-Based Learning to explore ideas and create partnerships that enhance the learning experience and community.

**Information Technology**

Computing Services Center 117A

541-552-6393

[sou.edu/it](http://sou.edu/it)

[sou.edu/studentcomputing](http://sou.edu/studentcomputing)

In support of the academic mission of the University, the Information Technology (IT) Department provides technology and information resources for the entire campus community. Services are provided to assist students, faculty, and staff in the use of computer labs, technology equipped classrooms, courseware systems, administrative services, web systems, and telecommunications.

Students have access to the campus network and a wide array of facilities and services. Seventy-five percent of the classrooms on campus are technology-equipped. There are approximately thirty computer labs on campus. In the labs, students have access to word processing, spreadsheet, presentation graphics, and statistical and database software, as well as a wide array of curriculum specific software and equipment. Students are provided with network storage for data files, email, and a personal web page. From labs, residence halls, or their homes, students may access email, files stored on the SOU network, and courseware systems. Internet access is available in all computer labs, the residence halls, and via the SOU wireless network. A wide variety of services are available to students interested in conducting business with the University online. These services include bill paying, registering for courses, running a degree evaluation report, purchasing parking permits and other goods and services, accessing grade information, and much more. Registered students automatically receive accounts to access the SOU network, email, courseware systems, and other web services. Use of computing facilities and services is free to registered students.

The largest computer lab on campus, the Main Computer Lab has both Windows and Macintosh computers. Areas of the lab are used for classes. However, a large section is available for general walk-in use seven days a week. The Main Computer Lab is equipped with high-speed laser printers, as well as scanners and color printers. Students pay a fee for printing and copying. Many campus information services are supported in part by the Student Technology Fee.

**Media Services**

Media Services provides instructional support and equipment for classroom use, installation and repair of classroom equipment, audio video setup for campus events, videotaping of lectures and special events, and instructional design and media graphics support for faculty. SOU faculty may arrange equipment checkout for students.

**Telecommunications Services**

Telecommunications Services provides residence hall students, faculty, and staff with telephone and voice-mail services, as well as operator and directory assistance.

## International Programs

Stevenson Union 321  
541-552-6336  
intprogs@sou.edu

The International Programs Office coordinates and promotes international activities and involvement by students and faculty. There are many ways to add an international dimension to studies at the University. International activities include language and culture courses, study abroad programs and international internships, participation in the International Students Association, involvement in international forums, and a special campuswide international event each spring. With nearly 120 international students on campus, there are approximately forty countries represented in the student body. Returning study abroad students and internationally oriented faculty also enrich the University and contribute to a focus on global issues.

### ***Study Abroad and International Internships***

Many students consider the time they spend studying or working abroad to be one of their richest college experiences. Opportunities range from short summer sessions to academic yearlong programs. Study abroad and internship programs are easily arranged and enable students to live overseas while earning college credit at the University. For details, see page 159.

### ***International Student Program Advisor***

Stevenson Union 321  
541-552-6660

The international student advisor corresponds with prospective students about admission requirements, financial arrangements, housing, visa questions, and other topics. Once the students are on campus, the international student advisor connects them with an appropriate academic advisor and assists them with a successful transition to life at SOU. The international student advisor meets with students throughout the year as needed and helps coordinate social events and other activities. International students are encouraged to remain in close contact with the international student advisor during their enrollment at the University.

### ***Study Abroad Program Advisor***

Stevenson Union 321  
541-552-8334

The study abroad program advisor works with students who wish to study abroad or engage in an international internship. The advisor provides information about selecting the right program, admission requirements, financial arrangements, housing, and many other topics. The study abroad program advisor assists students with processing transcripts upon their return and with any other issues that may arise.

## The Lenn and Dixie Hannon Library

Library Hours: 541-552-6856  
Reference Services: 541-552-6442  
Loan Services and Information: 541-552-6860

Hannon Library provides resources for students' instructional, research, recreational, and general information needs. SOU's well-trained and enthusiastic staff of librarians and paraprofessionals assist students with reference needs, electronic and web information resources, interlibrary borrowing, and materials checkout. Librarians aid students in developing their research and evaluation skills, providing specialized instruction in library research in a wide range of classes. Subject specialist librarians also offer in-depth research and reference assistance in specific areas.

Hannon Library holds approximately 325,000 printed volumes in the general collection, with more than 2,000 journal, serial, and newspaper subscriptions. The large federal and state government collections total nearly 298,000 items. Some 800,000 microforms provide additional materials, which range from popular magazines to historical materials of scholarly interest.

A growing collection of electronic information resources, including indexes, full-text databases, e-books, and a number of e-journals can be accessed from both inside and outside the library. Other electronic and multimedia resources include videotapes, library web pages, music CDs, and DVDs. Special collections include the 8,000-volume Margery Bailey Collection of Shakespeare and English Renaissance materials, an extensive Native American studies collection, a collection on wine and winemaking, a local history collection covering the six counties of southern Oregon, and children's literature and art print collections.

The Southern Oregon Digital Archives (SODA) comprise more than 2,500 books that have been scanned and are available on the web. This information is fully searchable and covers the southern Oregon ecoregion and history, as well as regional Native American tribes.

Students may use Hannon Library's online catalog to find information about SOU collections or to link to Summit, a catalog of more than twenty-seven million items held by thirty-three libraries in Oregon and Washington. The library's Information Technology Center (ITC) provides access to desktop computing software and electronic information, with expert staff to assist patrons with using these technologies for research, writing, and presentation.

The University recently completed an extensive expansion and renovation of Hannon Library that nearly doubled the size of the building to 123,000 square feet. The project upgraded the library's technological infrastructure and created a beautiful facility that is now the centerpiece of the campus. New spaces for materials, classrooms, studying, reading, meeting friends, and quiet contemplation invite students in, as does the coffee shop on the first floor.

# Academic Policies

## Academic Standing and Academic Assistance

SOU requires students to maintain satisfactory academic progress toward degree completion and provides resources to assist students with successful completion of their coursework. All students are encouraged to seek this help when needed. Students may contact major departments, individual professors, or Academic Advising and Support Services for assistance.

At the conclusion of each term enrolled, term and cumulative grade point averages (GPAs) are computed and academic standing is determined (see criteria below). Students are expected to maintain good standing. Students who are not in good standing will be notified of their academic standing and requirements to return to good standing. Students are encouraged to seek help and identify resources to support their academic improvement from their academic advisors or Academic Advising and Support Services advisors.

### ***Good Standing***

Students who earn a term GPA of at least 2.0, have a cumulative GPA of at least 2.0, and are making satisfactory academic progress as defined below are in good standing.

### ***Academic Warning***

Students in good standing who earn a term GPA of less than 2.0 will be placed on academic warning.

Students on academic warning who earn a term GPA of at least 2.0 but have an SOU cumulative GPA of less than 2.0 will remain on academic warning.

Students who fail to achieve satisfactory academic progress by earning at least 50 percent of the attempted hours in two consecutively enrolled terms in which they attempted a minimum of six hours each term will be placed on academic warning.

### ***Academic Probation***

Students on academic warning who earn a term GPA of less than 2.0 will be placed on academic probation.

Students on academic probation who earn a term GPA of at least 2.0 but have an SOU cumulative GPA of less than 2.0 will remain on academic probation.

Students who fail to earn at least 50 percent of the attempted hours in three consecutively enrolled terms in which they attempted a minimum of six hours each term will be placed on academic probation.

### ***Academic Suspension***

Students on academic probation who earn a term GPA of less than 2.0 will be placed on academic suspension.

Students who fail to earn at least 50 percent of the attempted hours in four consecutively enrolled terms in which they attempted a minimum of six hours each term will be placed on academic suspension.

Academic suspension is recorded on the student's academic record. Students who are academically suspended are denied all the privileges of the Institution and of all organizations in any way connected to it, including University-organized living groups.

### **Reinstatement to Southern Oregon University**

Suspended students will be considered for reinstatement to the University after a one-year suspension. Under exceptional circumstances, students may be considered for early reinstatement. To resume studies, students must petition the Academic Standards Committee through the Enrollment Services Center. The petition should include evidence of a change in the circumstances, attitudes, or goals that led to the initial academic suspension. In unusual circumstances or cases in which clear evidence of positive change is provided before the passage of a full year, the Academic Standards Committee has the right to reduce the suspension period. In determining reinstatement, the Academic Standards Committee will consider documented evidence of the completion of credits of transferable college-level work, with a GPA of 2.5 or higher, from another accredited institution. For more information regarding reinstatement, contact the Enrollment Services Center or Academic Advising and Support Services.

### **Overload Limitations**

Students may take a maximum of 18 credits per term, including correspondence and extension courses.

This limit may be extended for undergraduate students under the following conditions: Students may take up to 21 credit, providing they received a 3.0 GPA during the preceding term or they have a 3.0 cumulative GPA. To enroll for more than 18 credits, students must obtain special approval from their academic advisor. During the eight-week summer term, students may take up to 15 credits.

### **Application for Degree**

Students planning to graduate are encouraged to apply for graduation at least two terms in advance of the term they plan to complete the degree requirements.

While a student may graduate at the close of any term, formal commencement exercises are held only at the end of spring term. Degrees and diplomas are not awarded until the student has fully met graduation requirements and fulfilled all financial obligations to the Institution.

Students planning to complete degree requirements during Summer Session may participate in the June commencement ceremony, providing their degree application has been approved.

### **GRADUATION HONORS**

Undergraduate students graduating with a cumulative GPA of 3.5 or higher are eligible to receive graduation honors. The honors are listed on students' transcripts and diplomas. Graduation honors are based on SOU GPA only. Honors are as follows:

Cum Laude: 3.50  
Magna Cum Laude: 3.75  
Summa Cum Laude: 3.90

### **Catalog Option**

Students must meet all degree requirements from one SOU catalog. The catalog may be chosen from the year students are first admitted and enrolled or from any subsequent year of enrollment. However, at the time of graduation, the catalog chosen may not be more than eight years old.

### **REQUIREMENTS IN MAJOR**

Students must meet all requirements for the major, including supportive coursework from the catalog chosen. However, departments that make significant changes in major requirements may establish alternative courses to meet those requirements.

### **Classification of Students**

#### **UNDERGRADUATE**

*Freshman:* Has accumulated fewer than 44 credits applicable toward a scholastic objective at the time of the last enrollment.

*Sophomore:* Has accumulated at least 45 credits, but no more than 89 credits.

*Junior:* Has accumulated at least 90 credits, but no more than 134 credits.

*Senior:* Has accumulated at least 135 credits toward the scholastic objective but has not yet been awarded the baccalaureate degree.

#### **GRADUATE**

*Postbaccalaureate:* Pursuing a program not leading to a master's degree.

*Postbaccalaureate nongraduate:* A holder of an accredited baccalaureate degree who has not been admitted to a graduate degree program and who submits an official application for admission to pursue a second baccalaureate degree or enroll in coursework not to be used for graduate credit.

*Grad-master:* Admitted to a master's degree program.

#### **NONADMITTED STUDENT**

An undergraduate or graduate student who is not admitted to SOU, not working toward a degree or certification, and not enrolled for more than 8 credits.

### **Course Prerequisites Policy**

Course prerequisites are designed to ensure that students registered for a course have the required minimum background for study of the course content. This background may be obtained through courses equivalent to the listed prerequisites or through other educational experiences. In such cases, students should consult the instructor. Instructors have the authority to admit into their courses students with backgrounds equivalent to the listed prerequisites.

### **Minimum Class Size**

Classes with fewer than ten students may be cancelled.

### **Double Major**

An undergraduate student may earn a double major if all of the requirements for the two majors are met. This includes University Studies, school, and departmental requirements of the curricula represented by the majors.

Students seeking double majors should contact both departments and must secure written approval, which is to be placed in students' department files. Students must complete a capstone in each major. Each department must approve requirements for its capstone, and students must communicate these requirements in writing to the collaborating department. A double major does not qualify students for a second baccalaureate degree unless they have earned the additional credits required.

### **Grading System**

The University uses letter grades and the four-point maximum grading scale. The grade of A is the highest possible grade. Plus (+) or minus (-) symbols are used to indicate grades that fall above or below the letter grades. For purposes of calculating grade points and averages, the plus (+) is equal to the grade point +0.3 and the minus (-) to the grade point -0.3 (e.g., a grade of B+ is equivalent to 3.3, and B- is equivalent to 2.7). The following grades are used at SOU.

Grade	Grade Points
A	4.0 (Exceptional accomplishment)
A-	3.7
B+	3.3
B	3.0 (Superior)
B-	2.7
C+	2.3
C	2.0 (Average)
C-	1.7
D+	1.3
D	1.0 (Inferior)
D-	0.7
F	0.0 (Failure)

Other grades are:

E: Final exam not taken. The E is assigned when a student fails to take a final examination. Unless the grade is changed by the instructor, it automatically changes to an F at the end of the next regular term.

I: Incomplete. When the quality of work is satisfactory but the course has not been completed for reasons acceptable to the instructor, a report

of I is made. The student has a maximum of one calendar year to complete the course requirements. An I grade automatically changes to an F after twelve months.

M: Missing. Instructor has not yet entered a grade. No credit or grade points.

P: Pass (equal to C- or above).

NP: No pass.

W: Withdrawn. Appears on the grading register when the student formally withdraws from school during the first four weeks of the term and is not responsible for a grade.

WP: Withdrawn passing. Assigned if the student withdraws after the fourth week and by Monday of the week prior to finals, and if the quality of work is sufficient to warrant a grade of D- or higher.

WF: Withdrawn failing. Assigned if the student withdraws after the fourth week and by Monday of the week prior to finals, and if the quality of work warrants a failing grade. A WF is not counted when determining grade point average.

NC: No credit. May be used if the student has not come to class for a long time (e.g., only took the first exam) but is still on the roster at the end of the quarter.

### Grade Change Limitation

The primary instructor enters grades at the end of each term. This person also makes any changes to E (missed final exam), I (incomplete), and M (missing) grades. If an error is made in calculating a grade, a written course or department/program policy has been misapplied, or a grade has been affected by extraordinary circumstances, an instructor may also change other grades for a period of up to one year and only with the chair or program director's approval. Under exceptional circumstances, a school dean, college dean, or the provost may consider granting a short extension of this deadline.

Southern Oregon University students may also grieve an assigned grade under certain circumstances (see the Grading Grievance Policy for details). If a student is unable to work out an informal resolution with the instructor, the student may file a formal grievance.

Grades on the final transcript may not be altered thirty days after a student's degree is awarded.

### Grade Point Average

Grade point average (GPA) is computed by dividing grade points earned by the number of credits attempted. Grades of E, I, P, NP, W, WP, WF, and NC do not carry grade points, and the credits are not calculated into the GPA. Credits attempted for F grades are calculated into the GPA. Only grades earned at SOU are used to calculate quarterly or cumulative GPAs. The following example illustrates computation of the GPA:

Course	Credits	Grade	Grade Points
WR 122	4	A	16.0
BI 103	4	C-	6.8
SOC 204	4	B+	13.2
MTH 112	4	B	12.0
PE 180	1	P	0.0

Credits with grade points (16) divided into total grade points earned (48) = GPA (3.0). Total credits earned = 17.

### Repeating a Course

Students who fail to perform satisfactory work are required to repeat the course if credit is desired. When a course is repeated, the most recent grade is used for computing the cumulative GPA, regardless of earlier grades.

### Pass/No Pass Grades

1. A student is permitted to enroll in one course a term that is graded Pass/No Pass (P/NP). A course is a subject or an instructional subdivision of a subject offered during a single term.

The definition of one course (as stated in the catalog) may include two courses normally taken concurrently to produce an integrated treatment of the subject, such as a lecture course on principles coordinated with a laboratory course on applications. A specific example is CH 201 with CH 204. Such pairs are considered for P/NP grading only when taken concurrently.

Departments indicate whether the course is available for the P/NP option in the class schedule.

2. Students have until Friday of the seventh week of the term to declare a P/NP option or to change to the A-F grading method.
3. The criteria for a P are the same as those for earning at least a C- grade in the course.
4. P or NP is entered on the student's transcript and the credits successfully completed count toward graduation. However, credits recorded as P/NP are not included in the computation of the grade point average. Upon written request of the Enrollment Services Center, a student may have a P/NP replaced with the actual letter grade (A-F) earned in that course. The deadline to submit this written request to the Enrollment Services Center is thirty days from the date the original grade posted for the course. That letter grade will then be included in the computation of the student's grade point average.

5. A maximum of twelve courses taken at Southern Oregon University on the P/NP option may be applied toward requirements in a total undergraduate program. Not more than three courses may be taken P/NP in any one department or under any one prefix not in an organized department.

6. Courses required by the student's major department may be included in the P/NP option with prior approval of the major department. Each degree program publishes lists of such courses.
7. In addition to any other P/NP courses, students are permitted to enroll in one departmentally approved Activities course on a P/NP basis each academic term. Activities courses are broadly defined and

include a variety of options, principally in journalism, music, physical education, speech, and theatre arts. Such courses are designated in the class schedule.

8. P/NP grading may not be used for graduate credit courses.
9. SOU courses offered only on a Pass/No Pass or Pass/Fail basis are not subject to the listed limitations.

### Auditing

A student may choose to take a class for audit with instructor permission. The student is not required to do any of the coursework and does not receive a grade. Classes are often audited if they are not needed for graduation and if the student is interested in learning the course material but not in earning a grade. There is no fee reduction for auditing a class. A student must choose to audit a course by the registration deadlines listed in the Academic Calendar.

### Minors

A minor normally consists of 21 to 30 credits in a subject field outside the major. The minor typically includes 12 to 18 credits of upper division coursework, in addition to any lower division courses necessary as a foundation for the upper division part of the minor program.

The total requirements for a minor depend on the structure of the academic discipline, the prerequisites for required courses, and the student's starting level in the discipline.

Students contemplating a minor should carefully study the list of required courses and prerequisites and then consult an advisor in the academic unit with jurisdiction over the minor. This advisor must approve the program for the minor and completion of course requirements with a minimum 2.0 GPA.

A minor is not required for the subject matter degree programs. Students may elect to complete one or more minors during their course of study. Students list their minors on their applications for graduation and, after certification by the appropriate academic units, minors are entered on their transcripts.

Courses that are required for a major but are outside of the department granting the major (i.e., supporting courses) may count toward a minor, as well as toward the major requirements. Courses used for a minor may also be used to satisfy the University Studies requirements.

Students must complete at least 9 credits of upper division coursework toward an optional minor while in residence at SOU.

### Reserved Graduate Credit

Students within 9 credits of completing an SOU bachelor's degree at SOU may, with the consent of the school dean, enroll in approved courses for graduate credit. These students must carry a 3.0 GPA cumulatively and in the major.

This graduate credit may not be counted toward a bachelor's degree, but it may become part of an advanced degree program after the student completes the baccalaureate degree re-

quirements (when approved by the department and school). Reserved graduate credit is limited to a total of 12 credits earned over a period of not more than three terms of enrollment. Application forms for reserved graduate credit are available in the Enrollment Services Center.

### **Residence Requirements**

For the baccalaureate degree, students are required to complete 45 of the last 60 credits at SOU, with the last term completed on the SOU campus. These two requirements are waived for students enrolled in selected preprofessional programs. Consult individual preprofessional advisors to determine if a particular program is approved for this waiver.

Credits earned by extension work or awarded through prior learning are not eligible for residence credit.

Students must complete at least 15 credits of upper division coursework toward the major while in residence at SOU. They must complete at least 9 credits of upper division coursework toward an optional minor while in residence at Southern Oregon University.

### **Second Bachelor's Degree**

Students may be granted a second bachelor's degree, concurrently or consecutively, provided they meet the requirements for both degrees and complete an additional 36 undergraduate credits on campus (45 credits are required if the first degree was not granted by SOU).

If the first bachelor's degree is from an accredited institution, as determined by SOU Admissions, the University Studies requirements for the second bachelor's degree are waived.

Students interested in a second major should refer to the catalog section Double Major on page 16. A double major does not qualify students for a second baccalaureate degree unless they have achieved the additional credits required.

### **Veterans**

#### **Procedures and Policies**

The veterans certification officer certifies students in attendance at Southern Oregon University who are eligible for VA benefits. All students—whether new, returning, or transfer—who expect to receive benefits from the Veterans Administration must notify the veterans certification officer in the Enrollment Services Center.

In addition to the Ashland campus, SOU's Medford Campus is an approved site for eligible students.

# **Degree Programs and Requirements**

Academic Affairs

Churchill 130

541-552-6114

541-552-6213 (Academic Advising and Support Services, Student Affairs)

### **University Studies**

In the 2006–2007 academic year, SOU launched the University Studies program. University Studies is an updated, streamlined curriculum that reflects several years of development aimed to create a more vital, focused, and enriched general education program. University Studies reflects a new statewide Oregon University System initiative to shape courses to meet defined student-learning outcomes. University Studies also reflects the new Oregon Transfer Module, designed to simplify transfers among the state's institutions of higher education. SOU's first-year experience general education program, University Seminar, has also been reorganized to offer students the option of selecting an area of concentration while learning in a cohort setting. Students enrolled in either the Arts and Sciences Programs or the Professional Programs are required to fulfill University Studies requirements.

### **Arts and Sciences Programs**

At SOU, the arts and sciences are centered in the College of Arts and Sciences. Two types of degree programs are available. For subject matter degrees, the major field of study is concentrated within one academic program. In the case of interdisciplinary degrees, the major work is drawn from two or more fields of study from different programs.

### **Professional Programs**

SOU professional programs are centered in three areas: Business, Education, and Social Sciences (in the College of Arts and Sciences). The professional degree programs emphasize in-depth coursework within these schools and also draw upon the Arts and Sciences programs for supporting coursework and a strong student-learning, outcomes-focused, and general education component. A wide variety of emphases are available within the professional programs. Please refer to the back cover of this catalog and to the appropriate academic section.

### **Program Planning**

Students should consider the following when planning a degree program:

1. Core Curriculum. The SOU core curriculum has three parts: a) University Studies requirements, b) special requirements for the bachelor of arts (BA) or bachelor of science (BS) degree, and c) upper division writing and capstone experience requirements in each major. The University Studies requirements are related to specific writing, speech, and quantitative skills set in the context of critical thinking. These re-

quirements are met by completing the University Seminar sequence or its equivalent and by selecting approved Explorations, Quantitative Reasoning, and Integration courses. The University Studies requirements include approximately 64 credits of coursework. The special requirements for the BA or BS degree are listed under BA/BS Requirements. The upper division requirements for writing, research, and the capstone experience vary according to the major (see the appropriate section in the catalog for a particular major).

2. Academic Progress. Students planning to complete the bachelor's degree in four years should take at least 15 to 16 credits a term each year.
3. Class Schedule. Available online, the class schedule lists the classes available each quarter.
4. Course Content. For specific course information, consult the course description in this catalog or request a syllabus from the department or instructor offering the course. Texts for a course may be reviewed in the University Bookstore.
5. Special Course Scheduling Considerations. Many language and science course sequences begin fall quarter and cannot be entered midyear. Some courses have laboratory work that must be taken concurrently with the lecture component of the course. Students intending a major with a science specialty should consult departmental advisors early on about supporting coursework requirements in mathematics and science.
6. Approval of Registration. Students with a declared premajor or major must obtain approval of the proposed schedule from their advisor before registration. Undeclared students and students majoring in interdisciplinary studies must obtain this registration approval from the Academic Advising Office in Stevenson Union 134.

### **PLACEMENT EXAMS**

The appropriate SOU placement level is determined by placement exams in foreign languages and mathematics. For more information on these exams, see the mathematics section of this catalog. Contact the Foreign Languages and Literatures Department for foreign languages.

### **Baccalaureate Degree Requirements**

1. Minimum term credits: 180.
2. Completion of the core curriculum requirements. See the following section, Core Curriculum Requirements.
3. Work in upper division courses: Minimum of 60 credits.
4. Satisfaction of the departmental requirements for a major. This must be certified by the department chair.

5. Work in residence: Minimum 45 credits of last 60; last 15 on campus.
6. Registration is blocked for any student who has completed 91 credits and does not have a declared major on file in the Enrollment Services Center.
7. Students pursuing a bachelor of arts or bachelor of science degree must complete the special requirements for these degrees. See BA/BS Requirements.
8. Grade Point Average: Minimum 2.0 in the major, minor, and overall. Some departments have a higher minimum GPA requirement for their majors and minors (see requirements for the major and minors in the departmental listing).
9. Restrictions:
  - a. Courses numbered below 100 that are taken after fall term 1982 do not apply toward graduation requirements.

Note: Courses numbered 0-49 taken prior to fall term 1982 are not applicable toward graduation requirements; 50-99 are applicable toward graduation as electives only.

- b. Open course numbers limitation:
  - i. 199, 299, 399, 401, 403, 405, and 407 courses are limited to 45 credits in the overall program.
  - ii. 409 practicum courses are limited to 15 credits a prefix (e.g., WR, SPAN, ANTH), and 30 credits for the overall program.
  - iii. Courses that were taken as open-numbered courses but subsequently became regularly scheduled (non-open-numbered) courses should not be counted in the credit limits on open-numbered courses.
- c. Correspondence study: Maximum 24 credits.
- d. Extension study: Maximum 60 credits (including the above).
- e. Prior learning experience: Maximum 90 credits approved.
- f. Maximum 12 credits of PE 180 allowed for graduation.

### Core Curriculum Requirements

The faculty has developed a core curriculum that must be completed by all baccalaureate students regardless of the major or type of baccalaureate degree. This curriculum is designed to give each student the skills, knowledge, and understanding necessary to become a responsible and productive citizen of an increasingly international community. The core curriculum includes two sets of requirements: University Studies requirements and components in the major.

### University Studies Requirements

University Studies, SOU's student-learning, outcomes-focused, general education program, is designed to provide undergraduates with effective critical thinking, communication, and research skills. These requirements develop in students an awareness of the connections and relationships among the social, artistic, cultural, and scientific traditions of human endeavor. The desired outcome of the University Studies program is a person who is capable of resolving complex issues with intelligence, compassion, and understanding.

The University Studies program includes both lower and upper division requirements. The lower division requirements include the University Seminar, Quantitative Reasoning, and various Explorations courses. The upper division requirements include three Integration courses.

### Outline of the University Studies Curriculum

#### LOWER DIVISION

University Seminar (USEM 101, 102, 103)	
(Complete with a grade of C- or better)	..... 12
Quantitative Reasoning*	..... 4-8

#### Explorations Courses

Humanities	..... 12-credit minimum
Sciences	..... 12-credit minimum
Social Sciences	..... 12-credit minimum

\*The Quantitative Reasoning requirement may be satisfied by completion of either a stand-alone course or Explorations courses designed to incorporate the learning objectives of the Quantitative Reasoning requirement.

#### UPPER DIVISION

##### Integration Courses

Strand H: Science, Technology, and Society*	..... 3-4
Strand I: Citizenship and Social Responsibility*	..... 3-4
Strand J: Diversity and Global Awareness*	..... 3-4

\*Two of three strands can be met in the major area.

For the most recent listing of courses and sequences in the University Studies program, see the latest class schedule or the SOU website.

### University Studies Policies

Courses in the major or minor may be used to meet University Studies requirements. University Studies courses may be used to satisfy the requirements of the major or minor at the discretion of the relevant department or program.

### Courses Approved for University Studies

#### Writing and Oral Communication (complete with a grade of C- or better)

University Seminar (USEM 101, 102, 103)	..... 12
---	----------

#### Quantitative Reasoning

Contemporary Mathematics (MTH 105)	..... 4
Precalculus I: College Algebra (MTH 111)	..... 4
Precalculus II: Elementary Functions (MTH 112)	..... 4
Elementary Linear Mathematics (MTH 158)	..... 4
Fundamentals of Elementary Mathematics I (MTH 211)*	..... 4
and Fundamentals of Elementary Mathematics II (MTH 212)*	..... 4

Elementary Statistics (MTH 243)	..... 4
Calculus I (MTH 251)	..... 4
Exploratory Data Analysis (EC 232)	..... 4

\*Both MTH 211 and 212 must be taken to satisfy the Quantitative Reasoning requirement.

### Explorations

Note: You must take 12 credits of Explorations courses in each of the following areas: Humanities (Arts and Letters), Sciences, and Social Sciences. See the *Course Prerequisites Policy* section of this catalog (under *Academic Policies*).

#### HUMANITIES

Introduction to Cultural Studies: Classic Texts and Contemporary Dynamics (AL 215)	..... 4
Introduction to Cultural Studies: Classic Texts and Contemporary Dynamics (AL 216)	..... 4

History of Art: Prehistory through Medieval (ARTH 204)	..... 4
History of Art: Renaissance through Baroque (ARTH 205)	..... 4

History of Art: Eighteenth Century through Contemporary (ARTH 206)	..... 4
Communication Across Cultures (COMM 200)	..... 4

Media Across Cultures (COMM 201)	..... 4
Academic English for ESOL Students (ENG 101)	..... 4

Academic English for ESOL Students (ENG 102)	..... 4
Introduction to Literature (ENG 104)	..... 4

Introduction to Literature (ENG 105)	..... 4
World Literature (ENG 107)	..... 4

Explorations in Literary Genres (ENG 208)	..... 4
Literature in the Modern World (ENG 209)	..... 4

World Literature (ENG 108)	..... 4
Native American Myth and Culture (ENG 239)	..... 4

Native American Narratives, Fiction, and Poetry (ENG 240)	..... 4
Intermediate French Language and Culture (FR 202)	..... 4

Intermediate French Language and Culture (FR 203)	..... 4
Francophone Cultures of the World (FR 220)	..... 4

Intermediate German Language and Culture (GL 202)	..... 4
Intermediate German Language and Culture (GL 203)	..... 4

Intermediate Spanish Language and Culture (SPAN 202)	..... 4
Intermediate Spanish Language and Culture (SPAN 203)	..... 4

Music of Western Culture (MUS 201)	..... 4
Music of Nonwestern Culture (MUS 202)	..... 4

American Jazz (MUS 203)	..... 4
Rock and Popular Music (MUS 204)	..... 4

Introduction to Philosophy (PHL 201)	..... 4
Ethics: Moral Issues (PHL 205)	..... 4

Religion and the Human Experience (REL 201)	..... 4
Religion and the Human Experience (REL 202)	..... 4

Introduction to Shakespeare Studies (SHS 236)	..... 4
Creative Writing I (WR 241)	..... 4

SOCIAL SCIENCES	
Business, Government, and Society (BA 110)	..... 4
America and Globalization (PS 110)	..... 4
American Criminal Justice System (CCJ 230)	..... 4
Introduction to Criminology (CCJ 231)	..... 4
Principles of Microeconomics (EC 201)	..... 4
Principles of Macroeconomics (EC 202)	..... 4
Introduction to Geography: The Rogue Valley (GEOG 101)	..... 4

Introduction to Human Geography (GEOG 107) ....	4
Global Lands and Livelihoods (GEOG 108).....	4
World Civilizations (HST 110).....	4
World Civilizations (HST 111).....	4
American History and Life (HST 250) .....	4
American History and Life (HST 251) .....	4
International Scene (IS 250) .....	4
Globalization (PS 110).....	4
Power and Politics (PS 201) .....	4
Law, Politics, and the Constitution (PS 202).....	4
General Psychology (PSY 201) .....	4
General Psychology (PSY 202) .....	4
Archaeology and Prehistory: Perspectives on Humanity's Past (ANTH 211) .....	4
Cultural Anthropology: Perspectives on Humanity (ANTH 213).....	4
Women in Society (WS 201) .....	4
The Sociological Imagination (SOC 204) .....	4
Social Problems and Policy (SOC 205) .....	4
Health and Society I (HE 250) .....	4
Health and Society II (HE 275).....	4

**SCIENCES**

General Biology: Cells (BI 101).....	4
General Biology: Organisms (BI 102) .....	4
General Biology: Populations (BI 103) .....	4
Principles of Biology: Molecules, Cells, and Genes (BI 211) .....	4
Principles of Biology: Evolution and Diversity (BI 212) .....	4
Fundamentals of Chemistry (CH 100) .....	4
Environmental Chemistry (CH 101).....	4
General Chemistry/Lab (CH 201/204).....	3/2
General Chemistry/Lab (CH 202/205).....	3/2
General Chemistry/Lab (CH 203/206).....	3/2
Web Development I (CS 210).....	4
Calculus-Based Physics for Engineers I/Lab (ENGR 221/224).....	4/2
Calculus-Based Physics for Engineers II/Lab (ENGR 222/225) .....	4/2
Calculus-Based Physics for Engineers III/Lab (ENGR 223/226) .....	4/2
Physical Environment I (ES 111) .....	4
Physical Environment II (ES 112).....	4
Physical Geology I (G 101).....	4
Physical Geology II (G 102) .....	4
Historical Geology (G 103).....	4
Volcanoes and Earthquakes (G 120) .....	3
Fundamentals of Physics/Lab (PH 100/104) .....	3/1
Astronomy: The Solar System/ Workshop (PH 112/114).....	3/1
Astronomy: The Stars/Workshop (PH 113/115) .....	3/1
Digital Systems and Robotics (PH/ENGR 174) .....	3
The Science and Technology of Nanoparticles (PH 175) .....	3
The Science and Technology of Materials (PH/ENGR 176) .....	3
General Physics I/Lab (PH 201/224) .....	3/2
General Physics II/Lab (PH 202/225).....	3/2
General Physics I/Lab (PH 221/224) .....	4/2
General Physics II/Lab (PH 222/225).....	4/2
General Physics III/Lab (PH 223/226) .....	4/2

**Integration**

Integration courses bring together students from diverse majors to interact and share multidisciplinary perspectives. These focused integration courses address complex societal, ethical, and technical issues.

**INTEGRATION COURSES: STRAND H (SCIENCE, TECHNOLOGY AND SOCIETY)\* (3 TO 4 CREDITS)**

Microbiology (BI 351)
The New Sciences of Complexity (BI 381)
Biology and Society (BI 382)
Ethnobotany and Cross Cultural Communications (BI 384)
Forest Ecology and Management (BI 386)
Conservation of Natural Resources (BI 388)
Forensic Investigation: Seeking Justice through Science (CH 300)
Computer Forensics and Digital Evidence (CS 346/CCJ 346)
Paleobiology (G 304)
Oceanography (G 353)
Environmental Geology (G 360)
Environmental Data Analysis (GEOG 386)
Geomorphology (GEOG 481/G 481)
Climatology (GEOG 482)
Energy and the Environment (PH 308)
Energy Alternatives (PH 309)
Energy Policy (PH 310)
Space, Time, and the Cosmos (PH 312)
Acoustics, Sound, and Music (PH 313)
Light, Vision, and Optical Phenomena (PH 314)
Cosmology (PH 315)
Digital Electronics (PH 361/ENGR 323)
Science, Democracy, and Citizenship (PHL 330)
Science and Religion (PHL 329)
History and Philosophy of Science (PHL 339)
Law, Science, and the Environment (PS 340)
*Two of three strands can be met in the major area.
INTEGRATION COURSES: STRAND I (CITIZENSHIP AND SOCIAL RESPONSIBILITY)* (3 TO 4 CREDITS)
American Culture (ANTH 310)
Activist Art (ARTH 345)
Business, Government, and Nonprofits (BA 320)
Organizational Behaviors (BA 475)
Nonprofit Theory and Leadership (BA 480)
Principles of Human Resource Management (BA 481)
Crime Control Theory and Policies (CCJ 430)
Comparative Criminal Justice (CCJ 460)
Argumentation, Debate, and Critical Thinking (COMM 343)
Communication and Third-World Development (COMM 460B)
Labor Economics (EC 325)
Gender Issues in Economics (EC 340)
Studies in Autobiographical Writing (ENG 315)
Environmental Geology (G 360)
Urban Environments (GEOG 350)
Global Issues in Politics, Population, Development, and the Environment (GEOG/IS 360)
Land Use Planning (GEOG 439)
Planning Issues (GEOG 440)
Vietnam War in Film (HST 385)
Energy and the Environment (PH 308)
Energy Alternatives (PH 309)
Energy Policy (PH 310)
IT Ethical and Legal Issues (PHL 310/CS 310)
Science and Values: A Critical Appraisal of How Science and Values Interact (PHL 330)
The Politics of Mass Media (PS 310)
Organizational Psychology (PSY 445)
Psychology Capstone-Project/ Internship (PSY 498)
Psychology Capstone-Project/ Internship (PSY 499)
Poverty, Family, and Policy (SOC 304)

Community Studies (SOC 310)
Schools and Society (SOC 320)

Writing Workshop for Teachers (WR 312)
Grant Writing (WR 329)

\*Two of three strands can be met in the major area.

**INTEGRATION COURSES: STRAND J (DIVERSITY AND GLOBAL AWARENESS)\* (3 TO 4 CREDITS)**

American Culture (ANTH 310)
Pacific Cultures (ANTH 317)
Native North America (ANTH 318)
Cultures of the World (ANTH 319)
Art and Music of the Twentieth Century to Present (ARTH 311/MUS 311)
Art, Culture, and Politics (ARTH 344)
Race, Gender, and Ethnicity in Art (ARTH 450)
International Marketing (BA 447)
Organizational Behavior (BA 475)
International Business (BA 477)
Juvenile Delinquency (CCJ 361)
International Communication (COMM 441)
Women Transforming Language (COMM 460B)
Culture, Identity, and Communication (COMM 460C)
Teaching Global Perspectives through Children's Literature (ED/ENG 398)
Diversity (ED 460)
Class, Culture, and Feminism in Victorian and Edwardian Britain (ENG 341)

Major Authors: Toni Morrison (ENG 448A)
American Multicultural Literature (ENG 454)
Postcolonial Literature and Theory (ENG 457)
La France Contemporaine (FR 314)
Noncontinental Francophone Literature (FR 427)
The Geography of Latin America and the Caribbean (GEOG 330)
The Geography of Central and Southeast Asia (GEOG 336)
The Geography of Central and Southwest Asia (GEOG 338)
German Culture, Conversation, and Composition (GL 301)

History of Music (MUS 360, 361, 362)
World Politics (PS 350/IS 350)
Human Behavior and Film (PSY 313)
Human Sexuality (PSY 369)
Personality (PSY 432)
Abnormal Psychology (PSY 479)
Sociology of Gender Roles (SOC 340)
Fashion Through the Centuries (TA 349)
Drama in Western Culture (TA 466)
Contemporary U.S. Women's Movements (WS 302)

\*Two of three strands can be met in the major area.

For a list of the most recent upper division Integration courses, see the latest class schedule or the SOU website.

**University Seminar**

Central 008
541-552-8160

University Seminar is an academic first-year experience for students entering SOU. This three-term sequence introduces students to key foundational skills that help them develop as researchers, critical thinkers, and communicators, the foundation strands of University Studies. University Seminar provides students with opportunities to examine their motivation and goals with regard to higher education. Students have an opportunity to select a sequence de-

signed around a theme relevant to contemporary issues and events. Students usually remain with the same instructor and classmates for all three terms. The sequence incorporates at least one goal area in civic responsibility, science and technology, or diversity and global awareness.

Through a structured sequence of writing experiences, students progress beyond unsupported assertion to reasoned argumentation and dialogue. Discussion, presentation, and group activities are also emphasized. In comparing the University Seminar with traditional communication and writing courses, the following guidelines may be useful. Successful completion of each USEM course with a grade of C- or better is equivalent to 3 credits of introductory writing and 1 credit of communication. Upon completion of the whole sequence, students receive the equivalent of 12 credits in writing and communication.

\*The University Seminar administers the lower division WR 122 and 227 courses. In rare cases, students may need to complete their University Studies written and oral communication requirement through WR 122 and/or an oral communication course. Students should contact the University Seminar Office in Central 008 or call 541-552-8160.

#### UNIVERSITY SEMINAR COURSES

##### LOWER DIVISION COURSES

###### USEM 101, 102, 103 University Seminar

4 credits each

Focuses on the skills students need to succeed in college. This yearlong course is a component of the University Studies curriculum in critical reading, writing, speaking, and thinking. Under normal circumstances, students stay with their teacher and classmates in small sections for the entire sequence. General advising and a college success component are also important aspects of the course. Enrollment in the University Seminar is required of all freshmen who have not completed the equivalent of both WR 121 and 122. Successful completion of all three terms of the University Seminar is equivalent to a full year of writing and a course in oral communication (8 credits writing, 4 credits communication).

###### USEM 101H, 102H, 103H University Seminar Honors

4 credits each

Each year, a few sections are designated as USEM 101H, 102H, and 103H. These sections are designed for students who desire an accelerated pace and have been designated as Honors Students.

###### USEM 185 Introduction to Expository Writing

2 credits

Explores the fundamentals of expository writing through writing, analysis, and revision of short essays. Surveys the basic conventions, purposes, and strategies of standard written English. Emphasizes the improvement of students' fluency in writing expository prose and improves confidence in the ability to write acceptably and effectively at the university level. Special attention is given to sentence structure, grammar, spelling, punctuation, and essay development. May be repeated for credit.

##### USEM 209 Practicum

Credits to be arranged

##### USEM 225 University Seminar for Transfers: Worlds and Writing

4 credits

Reserved for transfer students with 24 credits or more, this course provides transfer students with instruction and practice in meeting goals and proficiencies in the foundational strands of communication, critical thinking, and information literacy. Emphasizes real-world and professional writing while developing advanced writing styles, writing techniques, and audience/readership considerations by providing practice in the kinds of challenging thinking, reading, and writing required by different communities in the business world and in the academy.

##### UPPER DIVISION COURSES

###### USEM 409 Advanced Practicum

Credits to be arranged

Provides opportunities for students to work in partnership with faculty in the University Seminar Program or Writing Center. Acceptance into this peer mentoring practicum is contingent upon faculty recommendation and successful completion of a training session. Students who have successfully completed USEM 101, 102, 103 are especially invited. Prerequisite: University Seminar Program consent.

##### WRITING COURSES

##### LOWER DIVISION COURSES

###### WR 122 English Composition

4 credits

Focuses on close reading, organization, and effective expression in academic essays, concentrating primarily on argumentation. Prerequisite: WR 121.

###### WR 227 Technical Research Writing

4 credits

Covers written composition. Introduces research techniques and writing, with emphasis on technical and scientific writing. Prerequisite: Successful completion of the University Studies writing requirement.

##### Components in the Major

Each academic major leading to a bachelor's degree includes two upper division requirements for students completing that major.

**Writing and Research Component.** Demonstrate writing and research skills within the academic field of study chosen as a major. This upper division requirement is in addition to the University Studies writing requirement. It is met through coursework in the major that is designed to encourage the use of professional literature.

Students who have achieved the writing and research goals will be able to:

1. systematically identify, locate, and select information and professional literature in both print and electronic formats within the knowledge base of the specific discipline;
2. critically evaluate such materials;
3. use the materials in a way that demonstrates understanding and synthesis of the subject matter; and

4. develop cohesive research papers that use data and professional literature as evidence to support an argument or thesis following the style and conventions within the discipline of the major.

**Capstone Experience.** Complete a capstone experience designed to focus on and provide understanding of the major field of study. Each department specifies the manner in which its majors must meet these requirements. There is variation among fields of study. Please refer to the departmental listing of major requirements for details regarding the implementation of these requirements.

#### Community-Based Learning

Involvement Center

541-552-6461

sou.edu/cbl

Community-based learning, civic engagement, and volunteer opportunities are important at SOU and play a crucial role in helping students learn, grow, and contribute to the world around them. SOU believes it is crucial that our graduates leave with the skills, ability, and inclination to serve the community. Community-based learning comprises a variety of teaching and learning strategies that allow students opportunities to work and learn in a community environment and to apply what they learn in the classroom to real-world situations. Community-based learning is distinguished by reciprocity and the intent to ensure equal focus on the service provided and the learning in the classroom. Community agencies benefit by having energetic, skilled, and focused students apply themselves to solving real problems and meeting real needs throughout SOU's service area.

Students, community members, and faculty are encouraged to contact the office of Community-Based Learning to explore ideas and create partnerships that enhance the learning experience and community.

#### Assessment

SOU is committed to improving the quality of instruction by assessing student outcomes. The University determines the progress of the learning process by relating outcomes to clearly defined learning objectives. During their collegiate careers, students actively participate in the outcomes assessment process. Student participation contributes to curriculum design and the evolution of the learning community.

#### BA/BS Requirements

##### Bachelor of Arts Degree (BA)

For this degree, students must:

1. Complete the equivalent of one year of study of a foreign language at the second-year level or above at Southern Oregon University or another accredited college or university; complete four years of study of a single foreign language at the high school level; or successfully complete a proficiency examination administered by the Foreign Languages and Literatures Department. The exam is offered registration week of fall quarter.

2. Complete at least 48 credits of courses offered under the following prefixes, which are normally included in Arts and Humanities curricula: AL, ALA, ART, ARTH, CAS, CHN, COMM, CORE, D, DMF, ELS, ENG, FL, FLM, FPA, FR, GL, HO, HST, HUM, J, JPN, JRN, KOR, MUP, MUS, PHL, PR, REL, RTF, SHS, SP, SPAN, SSPC, TA, USEM, VP, WR, and WS. Note: courses with these prefixes that count toward University Studies, the academic major, minor, and requirement #1 above may also be counted toward these 48 credits.

### Bachelor of Science Degree (BS)

For this degree, students must:

1. Complete at least two courses (7 or more credits) in mathematics, designated programming courses, designated statistics courses, or designated logic courses. The following programming, statistics and logic courses have been approved for this requirement:

Computer Science I (CS 200)

Web Development I (CS 210)

Computer Science II (CS 257)

Web Development II (CS 295)

Applied Business Statistics (BA 282)

Exploratory Data Analysis (EC 232)

Quantitative Methods (EC 332)

Environmental Data Analysis (GEOG/ES 386)

Evaluation for Health and Physical Education (PE 412)

Elementary Logic (PHL 203)

Methods, Statistics, and Laboratory I (PSY 228)\*

Methods, Statistics, and Laboratory II (PSY 229)\*

Introduction to Social Research Methods (SOC 326)

Quantitative Data Analysis (SOC 327)

2. Complete at least 48 credits of courses offered under the following prefixes, which are normally included in Business, Computer Science, Mathematics, Natural Science and Social Science curricula: AM, ANTH, AOM, AS, BA, BED, BI, CAS, CCJ, CH, CIS, CRIM, CS, CSM, D, DMF, EC, ED, ENGR, ES, G, GEOG, HE, HST, IS, MBA, MM, MS, MTH, NAS, NUR, PE, PH, PS, PSY, SC, SOC, SSC, and SSPC. Note: courses with these prefixes that count toward University Studies, the academic major, minor, and requirement #1 above may also be counted toward these 48 credits.

Requirements for the BA and BS do not apply to students completing the Bachelor of Fine Arts degree (BFA).

\*Students must complete both PSY 228 and 229 to fulfill the requirement.

### Transfer Student Policies

Students entering SOU with transfer credit from an accredited institution must meet one of the following lower division general education requirement options listed below. In addition, all students must complete three upper division University Studies Integration courses at SOU.

### Lower Division University Studies Requirements

Students entering SOU with transfer credit will be assigned to one of the following options:

1. **Option 1.** Completion of SOU's University Studies requirements (see [sou.edu/access/acadvising/](http://sou.edu/access/acadvising/)).
2. **Option 2.** Completion of an Associate of Arts-Oregon Transfer (AAOT), Associate of Science-Oregon Transfer (ASOT) degree, or completion of the Oregon Transfer Module (OTM) as certified by an Oregon community college.
3. **Option 3.** Completion of general education requirements at an accredited four-year institution of higher education. Students must provide documentation from the institution stating that general education requirements were met.
4. **Option 4.** Completion of Intersegmental General Education Transfer Curriculum (IGETC) or the California State University requirements. Students must provide documentation stating this curriculum was completed.

### Upper Division University Studies Requirements

#### INTEGRATION COURSES

All students (in all transfer options) must complete one upper division Integration course from each area:

1. Strand H: Science, Technology, and Society (3-4 credits)
2. Strand I: Citizenship and Social Responsibility (3-4 credits)
3. Strand J: Diversity and Global Awareness (3-4 credits)

For the most recent list of upper division Integration courses in the University Studies program, see the class schedule on the SOU website.

### Guidelines for Normal Progress

The following serves as a guide for students and advisors to assess the rate at which students should complete University Studies and major requirements.

1. At the completion of 45 credits of study applicable to a bachelor's degree, the student should have:
  - a 2.0 or better cumulative GPA; and
  - completed 12 credits of the University Seminar and at least 12 credits of lower division Explorations courses.

2. At the completion of 91 credit of study applicable to a bachelor's degree, the student should have:

- a 2.0 or better cumulative GPA;
- completed all 36 credits of the lower division Explorations courses and a Quantitative Reasoning course or sequence; and
- declared a major. Registration is blocked for any student who has not declared a major after the completion of 91 credit.

3. At the completion of 144 credits of study applicable to a bachelor's degree, the student should have:
  - obtained a 2.0 or better cumulative GPA;
  - completed at least one of the three upper division Integration courses;
  - completed at least half of the credits in the declared major; and
  - completed at least 30 credits of upper division coursework.
4. At the completion of 180 credits of study, the student should have completed all requirements for the baccalaureate degree.

### GUIDELINES FOR NORMAL PROGRESS NOTES

1. Most baccalaureate degree programs at Southern Oregon University are designed to be completed in four academic years at an average academic load of 16 credits a quarter. Some students, however, pursue the degree at an average rate of fewer than 16 credits a quarter and complete the degree in a proportionately longer period of time. The guidelines above address the content of the program rather than the rate at which the student pursues the degree. Consequently, these guidelines are applicable to both full-time and part-time students.
2. The guidelines above are designed for a student whose total academic program is at Southern Oregon University. A transfer student's normal progress toward a degree should be evaluated on the basis of credits accepted for transfer to SOU by the Admissions Office plus credits completed at the University.
3. Some majors, particularly in the sciences and preprofessional programs, require a heavy academic load in the major and supporting areas during the first two years due to the sequential structure of the major program. Students in these majors may need to delay certain elements of the University Studies program until their junior or senior year. These students and their advisors may need to modify items 1b, 2b, and 3b of these guidelines to accommodate the special needs of the major.

# Academic Programs

## Anthropology

Taylor 122  
541-552-6321  
Coordinator: Anne Chambers  
Professor: Anne Chambers  
Associate Professors: Jean Maxwell, Mark Tveskov  
Adjunct Faculty: Barry Baker, Keith Chambers,  
Lucy Edwards, Erika Giesen, James Phillips,  
Kevin Preister, Bonnie Yates

The anthropology program is part of the Social Sciences, Policy, and Culture Department. Anthropology's diverse subject matter of "human beings in all times and places" reflects the discipline's interest in human culture dating from the Paleolithic past to contemporary times; from exotic, distant societies to the myriad subcultures of the Western world; from the biological bases of human behavior to our most elaborate cultural creations; and in the interaction of diverse peoples from colonial to modern contexts. Grounded in the practical realities of daily life and direct ethnographic research, anthropological methods are applicable cross-culturally. Perhaps anthropology's greatest strength, however, is the perspective it promotes: an understanding and appreciation of cultural diversity, human universals, and the dynamic potential of human culture.

Cultural anthropology equips students for living and working in all human societies. Anthropological skills, knowledge, and perspectives can make people more effective advocates, mediators, and translators in contexts that involve different cultural philosophies and organizational diversity. In our global world, training in cultural anthropology provides an effective basis for careers in human service, education, medicine, development, public administration, and business.

Archaeology examines material remains to understand and explain past and present human behavior. Archaeologists excavate and analyze the tools, textiles, pottery, and other artifacts of prehistoric peoples to reconstruct ancient cultures. They also investigate the cultural interaction between Western and nonwestern societies. A major branch of contemporary archaeology deals with preserving knowledge of our country's past through cultural resource management and historic preservation.

Coursework and curriculum in the anthropology program emphasize practical application of skills to a variety of issues. Students are encouraged to seek internships and practica placements that match their specific interests to fully develop their anthropological skills and to gain experience that will further their career goals. The program's close and supportive relationship with local groups and organizations provides a basis for meaningful student involvement in problem solving. Practical experiences culminate in a senior capstone designed and carried out under faculty supervision.

## Degrees

BA or BS in Anthropology

## Minors

Anthropology

## Certificates

Applied Cultural Anthropology

Cultural Resource Management

## Pursuing an Anthropology Major, Minor, or Certificate

Students are encouraged to indicate their interest in an anthropology major, minor, or certificate at the first possible opportunity. Advisors are assigned to best support students' individual interests and career goals. Regular meetings with the advisor will ensure that degree requirements are met efficiently and full use is made of program opportunities.

### Requirements for the Anthropology Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. A minimum of 52 credits in the major, 44 of which must be upper division. All credits earned toward the major must be taken for a letter grade, except practicum and capstone courses.
3. Research and Writing requirement: ANTH 301.
4. Quantitative Reasoning requirement:  
*Complete one of the following:*  
Contemporary Mathematics (MTH 105)..... 4  
Elementary Statistics (MTH 243)..... 4  
Fundamentals of Elementary Math I, II, III (MTH 211, 212, 213)..... 12  
(The MTH 211, 212, 213 option is appropriate for students intending a career in elementary education.)
5. A minimum 2.5 GPA in major courses.

### Capstone

The anthropology capstone connects students' learning about an applied issue or problem with relevant theory and methodology in anthropology. Students draw on ethnographic or archaeological expertise acquired through previous practica field experiences and coursework.

### Anthropology Core Courses

(52 credits)

1. Required Foundation (12 credits)  
Archaeology and Prehistory (ANTH 211)..... 4  
Cultural Anthropology: Perspectives on Humanity (ANTH 213)..... 4  
Practicing Anthropology (ANTH 301)..... 4
2. Areas and Topics (8 credits)  
Two or more courses from:  
American Culture (ANTH 310)..... 4  
Pacific Cultures (ANTH 317)..... 4  
Native North America (ANTH 318)..... 4  
Cultures of the World (ANTH 319)..... 4  
Topics and Regions in Archaeology (ANTH 320)..... 4

Ritual and Religion (ANTH 332)..... 4  
Anthropological Perspectives on the Native American Frontier (ANTH 334) ..... 4  
Gender Issues (ANTH 340) ..... 4  
Human Evolution (ANTH 350) ..... 4

### 3. Application (4 credits)

One course from:  
Applied Anthropology (ANTH 460) ..... 4  
Cultural Resource Management (ANTH 462) ..... 4

### 4. Methods (4 credits)

One course from:  
Ethnographic Research Methods (ANTH 360) ..... 4  
Archaeological Research Methods (ANTH 370) ..... 4

### 5. Theory (8 credits)

History of Ethnographic Theory (ANTH 410) ..... 4

One course from the following:  
Culture Change (ANTH 450) ..... 4  
Cultural Ecology (ANTH 451) ..... 4  
Anthropological Film (ANTH 455) ..... 4  
Cultural Rights (ANTH 464) ..... 4

### 6. Practicum: Field Study (ANTH 409)

..... 4

### 7. Senior Capstone (ANTH 414)

..... 4

### 8. Specialized Interests

Two or more courses in anthropology or a closely related discipline. Selection must support individual goals and be approved by an advisor. ..... 8

## Anthropology Minor

(28 credits)

Students working toward a minor in anthropology are encouraged to register with an advisor through the department office.

Archaeology and Prehistory (ANTH 211) ..... 4  
Cultural Anthropology (ANTH 213) ..... 4  
Upper division anthropology electives ..... 20

A maximum of 4 practicum credits (ANTH 409) may be counted toward the upper division electives in the minor.

## Certificate in Applied Cultural Anthropology

The Applied Cultural Anthropology Certificate program prepares students for careers in fields in which cross-cultural or global perspectives are essential. Emphasis is on examining culturally related problems and policies, preparing research designs, and collecting and analyzing data. To qualify for the certificate, students must also meet the requirements for a bachelor's degree (not necessarily in anthropology) at SOU. Students are required to complete the following courses or their approved transfer equivalents for this certificate.

(36 credits)

### 1. Core Courses (12 credits)

Practicing Anthropology (ANTH 301) ..... 4  
Ethnographic Research Methods (ANTH 360) ..... 4  
Applied Anthropology (ANTH 460) ..... 4

2. Cross-Cultural Perspectives (*choose 4 credits from the following list*)

American Culture (ANTH 310) .....	4
Pacific Cultures (ANTH 317) .....	4
Native North America (ANTH 318) .....	4
Cultures of the World (ANTH 319).....	4
Anthropological Perspectives on the Native American Frontier (ANTH 334) .....	4
Contemporary Issues in Native North America (SOC 338).....	4

3. Skills (*choose 4 credits from the following list*)

Technical Writing (WR 327).....	4
Grantwriting and Workplace Literacy (WR 329).....	4
Introduction to Geographic Information Systems (GEOG 389).....	4
Quantitative Data Analysis (SOC 327) .....	4
Design for Multimedia (AM 334).....	4
Web Authoring (AM 337) .....	4

There may be other appropriate courses that develop skills relevant to a student's career goals in applied anthropology, and one of these may be substituted with an advisor's permission.

4. Policy-Related Topics (*choose 8 credits from the following list*)

Culture Change (ANTH 450).....	4
Anthropological Film (ANTH 455).....	4
Cultural Rights (ANTH 464).....	4
Community Studies (SOC 310).....	4
Schools and Society (SOC 320) .....	4
Racial and Ethnic Relations (SOC 337).....	4
Sociology of Globalization (SOC 345).....	4
Organizational Sociology (SOC 444) .....	4
Geography of Tourism (GEOG 417).....	4
Land Use Planning (GEOG 439).....	4

Additional courses exist, as well, and may be substituted with an advisor's permission.

5. Specialized Focus (*8 credits*)

Practicum (ANTH 409) .....	4
Capstone (ANTH 414) .....	4

The content of the required practicum and capstone should be consistent with each student's focus and professional or career goals.

### Certificate in Cultural Resource Management

The Cultural Resource Management Certificate program prepares students for careers in the management and preservation of prehistoric and historic cultural sites located on public and private lands. Emphasis is on methods and the development and implementation of research designs. To qualify for the certificate, students must also meet the requirements of a bachelor's degree (not necessarily in anthropology) at SOU. Students are required to complete the following courses or their approved transfer equivalents for this certificate. Note: Some of the following courses have one or more prerequisites.

(36 credits)

1. Core Courses (*12 credits*)

Archaeology and Prehistory (ANTH 211)....	4
Archaeological Research Methods (ANTH 370) .....	4
Cultural Resource Management (ANTH 462).....	4

2. Knowledge and Skills (*12 credits*)

Environmental Data Analysis (ES 386).....	4
Geomorphology (G 481).....	4
Introduction to Geographic Information Systems (ES 451) .....	4

3. Policy Perspectives (*4 credits, choose one course from the following*)

Cultural Rights (ANTH 464).....	4
Science and Advocacy in Environmental Policy Debates (BI 383) .....	4
Conservation of Natural Resources (BI 388) .....	4
Land Use Planning (GEOG 439).....	4
Law, Science, and the Environment (PS 340) .....	4
Environmental Policy (PS 428) .....	4
Environmental Law and Policy (PS 441) .....	4
Community Studies (SOC 310).....	4
People and Forests (SOC 350) .....	4
Organizational Sociology (SOC 444) .....	4

4. Practicum and Capstone (*8 credits, to be taken in either ES or ANTH in consultation with major advisor*)

The remaining 4 credits are to be selected from upper division offerings in sociology and anthropology or other departments in consultation with the student's advisor. These courses and the content of the required practicum and capstone should be consistent with each student's focus and professional or career goals.

### Anthropology Courses

#### LOWER DIVISION COURSES

##### ANTH 199 Special Studies

Credits to be arranged

##### ANTH 209 Practicum

Credits to be arranged

##### ANTH 211 Archaeology and Prehistory: Perspectives on Humanity's Past

4 credits

Introduces the archeological perspective, giving a comprehensive treatment of the way the human past is investigated. Topics include archeological theory; methods of analysis; the application of dating techniques; and a survey of the major themes and subject areas of the study of human prehistory, including our Paleolithic path, the adoption of farming, and the emergence of civilization. Approved for University Studies (Explorations).

##### ANTH 213 Cultural Anthropology: Perspectives on Humanity

4 credits

Introduces a comparative study of human culture. Covers kinship systems, politics, economics, language, ritual, cultural change, ecological adaptations, and ethnographic methodology. Explores cultural similarities and differences and the linkages among cultural, social, political, and economic institutions. Approved for University Studies (Explorations).

#### UPPER DIVISION COURSES

##### ANTH 301 Practicing Anthropology

4 credits

Engages students in building the fundamental skills needed to succeed in anthropology. Writing, critical thinking, oral presentation, and

library research prepare students for further upper division work. Illustrates the holistic, four-field approach of anthropology and its relevance to contemporary life. Prerequisites: USEM 103; ANTH 211 or 213.

#### ANTH 310 American Culture

4 credits

Provides an overview of U.S. culture and society. Examines a wide range of specific cultural expressions, historical social institutions, and economic influences. Explores aspects of culture, including class, race, ethnicity, gender, immigration, ideology, globalization, and institutional structures as interconnected factors influencing various experiences of "being American." Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

#### ANTH 317 Pacific Cultures

4 credits

Examines the social and cultural diversity of indigenous Pacific Island societies and the changes that followed contact with the West. Considers settlement prehistory, voyaging, linguistic diversity, contact history, subsistence patterns, globalization, indigenous rights, and other dimensions of local life. May be applied to the Native American studies minor and certificate. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

#### ANTH 318 Native North America

4 credits

Offers a comparative examination of cultures indigenous to North America. Explores the pre-contact economies, social and political organizations, and ceremonial systems of selected groups; the historic period of contact, treaties, and federal legislation and the cultural basis of Indian responses; and present-day issues of concern to Native American peoples in reservation communities and urban settings. May be applied to the Native American studies minor and certificate. Approved for University Studies (Synthesis/Integration).

#### ANTH 319 Cultures of the World

4 credits

Provides an overview of culture and society in one specific culture area or region of the world such as Latin America or the Caribbean. Examines a range of cultural expressions, the history of social and political institutions, and economic influences. Explores class, race, ethnicity, gender, immigration, ideology, globalization, and other relevant factors influencing local lifestyles. Latin American Culture topic may be applied to the Latin American studies minor. Indigenous Peoples topic may be applied to the Native American studies minor and certificate. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**ANTH 320 Topics and Regions in Archaeology**

2 to 4 credits

Introduces the archaeology of the world on a regional or topical basis. Regions studied may include Oregon, the Southwest, Africa, Europe, and South America. Possible topics include historical archaeology, zooarchaeology, and complex societies. Students may accumulate up to 12 credits of ANTH 320 under different topics. Prerequisite: ANTH 211.

**ANTH 332 Ritual and Religion**

4 credits

Focuses on ritual, religion, and spirituality as dynamic and universal cultural institutions. Case studies draw from a wide range of indigenous, third-world, and Western societies. Covers such topics as shamanism, witchcraft and sorcery, myth, symbolism, trance, healing, and revitalization movements. Prerequisite: ANTH 213.

**ANTH 334 Anthropological Perspectives on the Native American Frontier**

4 credits

Explores, through detailed case studies, the process of colonial and American expansion into and across North America and its impact on Native American culture, health, economy, and politics. Considers the agency by which Native American society survived this maelstrom of change, the strategies pursued by individuals and groups—both Euro-American and Indian—and the policy of the United States government to address the so-called “Indian Problem” through the end of the nineteenth century. Approved for University Studies (Synthesis). Prerequisite: Completion of all lower division University Studies requirements.

**ANTH 340 Gender Issues**

4 credits

Uses the concept of gender to explore contemporary status, roles, categories, and ideologies associated with women and men. Extensive case studies provide comparative insights and help students develop their understanding of the complex role gender plays in human society. May be applied to the women's studies minor. Prerequisite: ANTH 213.

**ANTH 350 Human Evolution**

4 credits

Offers a detailed review of human evolution. Topics include primate morphology, behavior, and phylogeny; the emergence of australopithecines and bipedalism; the evolution of the genus *Homo*; the social behavior and diet of early hominids; the emergence of anatomically modern humans; and the methods of human osteology, hominid fossil identification, hominid skeletal morphology, and taxonomy. Prerequisite: ANTH 211.

**ANTH 360 Ethnographic Research Methods**

4 credits

Includes instruction and field experience in qualitative research. Addresses formulating a research proposal, selecting and using suitable methodologies, analyzing and interpreting data, and assessing ethical concerns. Prerequisite: ANTH 213.

**ANTH 370 Archaeological Research Methods**

4 credits

Provides instruction and laboratory experience in archaeological research. Topics include the theoretical basis of research design, site surveying and mapping, archaeological geology and stratigraphy, dating, typological and technological analysis of artifacts (e.g., lithics, ceramics, and historical artifacts), and faunal/floral analysis. Prerequisite: ANTH 211.

**ANTH 375 Archaeological Field School**

4 credits

Introduces methods for recovering artifacts and other information from sites. Instruction is performed in field conditions at a prehistoric or historic site. Covers research design, excavation, mapping, and recording. Includes a special course fee. May be applied to the Native American studies minor and certificate. Prerequisite: Instructor consent.

**ANTH 399 Special Studies**

Credits to be arranged

**ANTH 401 Research**

Credits to be arranged

**ANTH 403 Thesis**

Credits to be arranged

**ANTH 405 Reading and Conference**

Credits to be arranged

**ANTH 407 Seminar**

Credits to be arranged

**ANTH 409 Practicum: Field Study**

Credits to be arranged

Applies anthropological concepts and methods. Settings may include schools, museums, medical facilities, government agencies, businesses, subcultural groups, and other social institutions. Encourages a community service or cultural resource management orientation. Prerequisites: Upper division standing and instructor consent.

**ANTH 410 History of Ethnographic Theory**

4 credits

Surveys the development of anthropological concepts. Students read extracts from anthropological classics and contemporary theorists to gain an understanding of the history of anthropological thought. Prerequisites: ANTH 213, anthropology major or minor, and senior standing.

**ANTH 414 Senior Capstone**

4 credits

Senior seminar for anthropology majors. Provides the basis for a synthesis paper and public presentation through coursework, practicum, experience/research, conceptual and theoretical understandings, and methodological skills. Includes a reflective component linking applied experiences to professional goals. Prerequisite: Completion of major core requirements.

**ANTH 450 Culture Change**

4 credits

Examines culture change and stability. Covers such topics as theories of change; innovation, evolution, adaptation, and acculturation; movements and other forms of organized, purposeful change; change agents; and tradition, persistence, and resistance to change. Prerequisite: ANTH 213.

**ANTH 451 Ecology of Small-Scale Societies**

4 credits

Considers the range and variation of the relationships between humans and their habitats throughout prehistory into the present day. Illustrates the dynamic interplay between culture, society, physiology, settlement and subsistence practices, technology, and the natural and built environment. Draws case studies from a range of ethnological, archaeological, ethnohistoric, and current perspectives. Prerequisite: ANTH 213; or ANTH 211 and the ES social science sequence.

**ANTH 455 Anthropological Film**

4 credits

Explores film as a tool for the investigation of cultures, subcultures, and cultural elements. Takes a critical approach to visual anthropology and examines filmmaking styles, contemporary issues, and ethical concerns. Prerequisite: ANTH 213.

**ANTH 460 Applied Anthropology**

4 credits

Traces the historical development of anthropological practice. Relates contemporary uses of anthropological methods in a variety of institutional and cultural settings to applied concepts and issues. Examines ethical concerns. Examples may be drawn from public policy, community development, education, health and medicine, business, resource management, and evaluation and assessment. Prerequisite: ANTH 213.

**ANTH 462 Cultural Resource Management**

4 credits

Examines the contested values inscribed onto places of historic or cultural significance. Reviews objectives, legislation, and ethics for the management of prehistoric and historic cultural resources. Studies field survey methods for identifying and evaluating archaeological sites. May be applied to the Native American studies minor and certificate. ANTH 211 and 301 recommended.

**ANTH 464 Cultural Rights**

4 credits

Explores issues related to the rights of individuals and groups to practice culture and participate in cultural community. Discusses cultural rights as a critical concept in public policy and practice. Examines how groups assert cultural uniqueness, how dominant institutions respond to cultural diversity, and how cultural rights are limited. May be applied to the Native American studies minor and certificate. Prerequisites: ANTH 213 plus 4 credits of upper division anthropology.

## Applied Multimedia

Art Building 107  
541-552-6915  
Arnold Abrams, Coordinator  
Professor: Arnold Abrams  
Associate Professor: Donald Kay

Applied Multimedia is part of the Art and Art History Department. This program provides an in-depth exploration of the development and delivery of interactive multimedia and Internet content. It examines the latest developments in multimedia technologies, techniques, and theory, with emphasis on using digital media for electronic publishing, computer-based training, distributed learning, corporate communications, and web design. The program also helps students develop project management and design skills.

In addition to examining the hardware and software involved in creating digital media, the courses explore historical perspectives, design considerations, and evolving issues in multimedia. Students gain extensive hands-on experience using both Macs and PCs. They work with CD-ROMs, DVDs, digital cameras, digital video, animation, color scanners, the Internet, and authoring software. Applied multimedia courses demonstrate the numerous applications of these new technologies in a wide range of disciplines, with special consideration given to applying these tools in the student's area of major study. Classes are suitable for students from any major.

## Requirements for the Minor

A minimum of 24 credits in approved courses.

### Required Courses

Introduction to Multimedia (AM 233) .....	4
Choose 12 to 20 credits from the following:	
Digital Photography (AM 250).....	4
Design for Multimedia (AM 334).....	4
Digital Video (AM 335).....	4
Multimedia Authoring (AM 336).....	4
Web Authoring (AM 337).....	4
Web Interface Design, Graphics, and Animation (AM 338).....	
Audio for Multimedia (AM 339).....	4
Seminar: Selected Topics (AM 407).....	1-4
Multimedia Practicum (AM 409) .....	1-6

### Electives

Choose up to 8 credits from the following courses: (selected with advisor approval)	
Introduction to Digital Media (ART 250).....	4
Digital Animation Studio (ART 352) .....	4
Digital 3D Modeling and Lighting Studio (ART 353).....	4
Digital 3D Animation Studio (ART 354).....	4
Computer Applications in Chemistry (CH 371)....	3
Computer Imaging (CS 315).....	4
Computer Graphics (CS 316).....	4
Advanced Field Production (VP 315).....	4
Applied Editing Techniques for Field and Studio Production (VP 375) .....	4

## Applied Multimedia Courses

### LOWER DIVISION COURSES

#### AM 233 Introduction to Multimedia

4 credits

Provides an overview of and introduction to multimedia production as used in training, education, and commercial applications. Exposes students to multimedia software and technologies via extensive hands-on experience. Topics include digital photography, image manipulation, desktop video, and multimedia authoring. Focuses on instructional design, applications, and career opportunities. Prerequisite: Basic computer skills.

#### AM 250 Digital Photography

4 credits

Provides an overview of and introduction to the world of digital photography and digital imaging. Serves as an entryway to further study in the world of digital imaging and multimedia production. Students gain an understanding of what features are desirable and how to use the creative controls of a digital camera, as well as how to work with digital imaging software.

### UPPER DIVISION COURSES

#### AM 309 Practicum

Credits to be arranged

#### AM 334 Design for Multimedia

4 credits

Covers text, color, graphics, and layout in multimedia production, including the technical aspects of optimizing visuals and text for the screen. Includes design projects using Adobe Photoshop and interactive multimedia software. Introduces the basic concepts of screen design for students without a design background. Other topics include designing for a target audience, design aesthetics, and file formats. Prerequisite: AM 233.

#### AM 335 Digital Video

4 credits

Involves use of digital video software to create and edit in a nonlinear environment on a desktop computer. Students utilize full-screen, full-motion video; learn to import video, audio, and graphic elements into the computer; apply special effects; and edit a production that could be converted to videotape or used as part of a DVD, CD-ROM, web page, or desktop presentation. Compares analog and digital editing throughout the course. Prerequisite: AM 233.

#### AM 336 Multimedia Authoring

4 credits

Examines the fundamentals of using an authoring package to create a multimedia production such as a CD-ROM. Teaches students how to use a popular authoring software used by multimedia professionals. Covers animation, painting tools, text manipulation, sound, and screen transitions. Discusses project management, flowcharting, and interface design. Prerequisite: AM 233.

#### AM 337 Web Authoring

4 credits

Explores the fundamentals of web authoring for Internet and intranet use. Students create websites using Dreamweaver, HTML scripting, and other software. Techniques and guidelines include standard formatting and advanced web page design. Lectures, readings, and hands-on tutorials allow students to develop skills in these techniques and to explore emerging technologies that expand the interactive capabilities of websites. Prerequisite: AM 233.

#### AM 338 Web Interface Design, Graphics, and Animation

4 credits

Covers the principles of creating functional navigation for websites and multimedia productions. Students will get extensive experience working with Flash. Explores user interface issues, techniques, and theories via lectures, readings, and hands-on experiences. Topics include 2D vector animation, web graphics, and multimedia delivery over the Internet. Examines design fundamentals for creating websites that communicate to a specific audience. Prerequisite: AM 233.

#### AM 339 Audio for Multimedia

4 credits

A hardware- and software-based approach exploring the production of digital audio for various uses. The lectures, demonstrations, and hands-on experience will include a definition of sound and digital audio, concepts in audio hardware and software, and sound synthesis. Prerequisite: AM 233.

#### AM 399 Special Studies

Credits to be arranged

Individual special studies in multimedia, the Internet, animation, and video. May incorporate studies in web authoring, design, planning, technical production, and supervision. Prerequisites: AM 233 and instructor consent.

#### AM 407/507 Selected Topics in Multimedia Seminar

1 to 4 credits

Covers various cutting-edge topics in the realm of multimedia production. Offers seminars in background foundations. Prerequisites: AM 233 and one other applied multimedia course.

#### AM 409/509 Practicum in Multimedia

1 to 6 credits

Students perform on-site production of multimedia materials. This may be in a company specializing in multimedia production or one that uses multimedia in a supplemental manner. Includes weekly class sessions in which students share their experiences and ask questions. Guest speakers and selected lecturers are also part of the seminar sessions. Prerequisites: AM 233 and one other applied multimedia course.

## Art and Art History

Art 117

541-552-6386

Cody Bustamante, Chair

Professors: Marlene Alt, Cody Bustamante, Donald Kay, Greer Markle, Margaret Sjogren

Associate Professors: Miles Inada, Erika Leppmann, Tracy Templeton

Assistant Professor: Robin Strangfeld

Instructor: Jennifer Longshore

Adjunct Professor: Karen Finnegan

Department of Art and Art History degree programs embrace interdisciplinary and culturally diverse approaches to the study of art while maintaining the best traditions of the discipline. The Art and Art History Department's curriculum develops creativity and lifelong learning in our students, preparing them for careers and graduate degrees in the visual arts and related fields.

The Art and Art History Department offers courses in ceramics, digital art and design, drawing and mixed media, graphic design, painting, photography, printmaking, sculpture, art history, theory, and art education.

### Degrees

BA in Art (Studio Art or Art History options)

BS in Art (Studio Art option only)

BFA in Art (Studio Art option only)

### Minors

General Studio Art, Art History, and Photography

### Declaring a Major

Students interested in the art major must first complete a pre-major declaration form and meet with the department chair for initial advising and assignment of an academic advisor. Pre-majors must complete three introductory studio courses and ARTH 204, 205, and 206 with a cumulative 3.0 GPA for these courses in order to be admitted to full major status.

Applications and appointments with the chair are made in the department office. Entering freshmen should take at least two art courses each quarter and plan to complete the lower division core curriculum by the end of their sophomore year. During their first year, it is recommended that students take one lower division studio course per term along with ARTH 204 in fall term, ARTH 205 in winter term, and ARTH 206 in spring term. Sample programs are available in the Art and Art History Department. Students must declare a major and file a junior plan before completing 90 credits. Junior and senior plans must be approved by the student's academic advisor (forms are available in the department office). It is ultimately the student's responsibility to make meaningful progress toward completion of a degree. Faculty advisors will assist students with achieving academic goals and assessing career options.

Please refer to *Guidelines for Normal Progress*.

### Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Complete the lower division requirements for a studio art option or art history option. Lower division requirements provide students with a foundation of technical skills, visual literacy, and knowledge of historical and cultural perspectives basic to the study of art. ARTH 260 should be taken in the fall of the sophomore year.
3. In consultation with a faculty advisor, choose a degree option (See the BA/BS sections below) while completing lower division requirements. Students interested in the BFA degree must first plan a BA/BS degree option; admission to the BFA is limited, and not all students will be admitted to the program.
4. Fulfill a capstone component (see capstone requirements below).
5. Maintain a 3.0 GPA for all coursework in the major.

### Capstone

All art majors complete ART 496 (Capstone) during their senior year. ART 496 is taken with the instructor of the student's studio concentration area or art history emphasis and is offered during winter term.

The capstone has two components. The first is a capstone project designed collaboratively by the student and instructor that should integrate and apply the knowledge and skills of the discipline with a career-oriented independent project. Examples include the creation and/or exhibition of a body of artwork, a research project, an internship, or an independent project.

The second component is a final capstone report consisting of a professional résumé, visual documentation of the capstone project, a portfolio of artwork, or a research paper, as well as a reflective summary of the entire capstone experience. Upon completion of the project, the student submits the Final Capstone Report, in a standard format, to the department office, where it will be accessible by students and faculty.

### BA/BS Degree in Art

The BA/BS in art encourages students to combine interests in the liberal arts, sciences, social sciences, or business with a mix of studio art, art history, and University-wide electives. As art majors, students select either a studio art or art history option. Students choosing the studio option select either the BA or BS degree option. Students choosing an art history focus must work toward a BA degree. In addition to the requirements for the majors listed above, students must fulfill the lower and upper division requirements specific to the studio or art history concentrations listed below.

### BFA Degree in Art

The BFA in art is an option designed for students who exhibit strong studio discipline and is excellent preparation for pursuing an MFA in

studio art. The degree requires an additional 28 credits of upper division work over the BA/BS degree and emphasizes concentration in at least one studio discipline, with additional studio work in support areas.

Admission to the BFA program is selective. Not all applicants are admitted into the program, and all majors must be prepared to fulfill either a BA or BS degree before applying to the BFA program. BFA applications are accepted during fall and spring terms only. Students interested in the BFA program should plan on applying during the spring of their sophomore year or fall of their junior year. Students should be prepared to allow two years to complete the BFA degree after acceptance to the program, with the last four terms of study completed consecutively and in residence at SOU. To apply for the program, after completion of lower division course requirements for the studio art option, students must submit an application and portfolio for review by the art faculty. Acceptance is based on demonstration of academic excellence in studio and art history courses, as well as a level of studio discipline and conceptual maturity that would enable the student to complete the program. To continue in the BFA program, students must pass a mid-program review. BFA students prepare a thesis paper and an exhibition of their artwork during their final year. Specific department requirements are listed below.

### Studio Art Option

#### LOWER DIVISION (BA/BS AND BFA)

(44 credits in art and art history)

History of Art (ARTH 204, 205, 206) .....	12
Art Theory and Critical Issues (ARTH 260) .....	4
Foundation/Introduction to Studio Practices (see course listings below) .....	28

Foundation/Introduction to Studio Practices (28 credits)

The lower division studio requirements provide students with a conceptual and technical foundation in the arts and expose students to a variety of approaches to the creative process. During their freshman and sophomore years, studio art majors must take an introductory course in each of the studio areas offered by the department.

Introduction to Drawing (ART 133)

Introduction to Printmaking (ART 210)

Introduction to Photography (ART 240)

Introduction to Digital Media (ART 250)

Introduction to Ceramics (ART 255)

Introduction to Painting (ART 290)

Introduction to Sculpture (ART 291)

#### UPPER DIVISION (BA/BS)

(36 credits)

Junior year or after completion of lower division prerequisites:

Art history elective.....	4
Research and Writing about Art (ARTH 301) .....	4
Studio concentration (select three upper division courses from one of the following areas: Ceramics, Digital Media, Sculpture, Painting and Drawing, Photography, and Printmaking).....	12

Studio electives (select three upper division courses from any of the following areas: Ceramics, Digital Media, Sculpture, Painting and Drawing, Photography, and Printmaking).....	12
Capstone (to be completed during the senior year) (ART 496)* .....	4
Total credits in the major (lower and upper division).....	80
*ART 496 fulfills the capstone requirement for the BA/BS.	

**UPPER DIVISION (BFA)**

(64 credits)

Junior year or after completion of lower division studio emphasis requirements; and admission by portfolio review (see BFA degree).	
Art history electives.....	8
Research and Writing about Art (ARTH 301) .....	4
First studio concentration* (300 level).....	12
Support studio (300 or 400 level).....	12
Mid-Program Review (scheduled upon admission to the BFA program)	
First studio concentration (400 level) .....	12
Support studio (400 level).....	8
Capstone (to be completed once during the senior year) (ART 496)* .....	4
Thesis (ART 403).....	3
Exhibit Practicum (ART 409) .....	1
*ART 403, 409, and 496 (8 total credits) fulfill the capstone requirement for the BFA.	
Total credits in the major (lower and upper division).....	108

BFA studio areas: Ceramics, Digital Media, Sculpture, Painting and Drawing, Photography, and Printmaking.

**Art History Option (BA only)****LOWER DIVISION**

(32 credits in art and 8 credits in non-art electives for 40 credits total)

Introduction to Drawing (ART 133) .....	4
Art studio electives .....	12
History of Art (ARTH 204, 205, 206).....	12
Art Theory and Critical Issues (ARTH 260) .....	4
Non-art electives .....	8

**Non-Art Electives:**

Select 8 credits of non-art electives from the following list; 4 credits must significantly address nonwestern cultural experiences. These courses are in addition to courses taken to fulfill the University Studies requirements and may not be counted toward those requirements.

Introduction to Cultural Studies (AL 215, 216)

Archaeology and Prehistory: Perspectives on Humanity's Past (ANTH 211)\*

Cultural Anthropology: Perspectives on Humanity (ANTH 213)\*

Communication Across Cultures (COMM 200)\*

Media Across Cultures (COMM 201)\*

World Literature (ENG 107, 108)\*

Literature in the Modern World (ENG 209)

Native American Myth and Culture (ENG 239)\*

Native American Narratives, Fiction, and Poetry (ENG 240)\*

Introduction to Human Geography (GEOG 107)\*

World Civilizations (HST 110, 111)\*

American History and Life (HST 250, 251)

International Scene (IS/PS 250)\*

Music Fundamentals (MUS 100)

Music of Western Culture (MUS 201)

Music of Nonwestern Culture (MUS 202)*	
American Jazz (MUS 203)	
Introduction to Philosophy (PHL 201)	
Introduction to Logic (PHL 203)	
Ethics: Moral Issues (PHL 205)	
Globalization (PS 110)	
Power and Politics (PS 201)	
Law, Politics, and the Constitution (PS 202)	
Politics and Film (PS 260)	
General Psychology (PSY 201, 202)	
Religion and the Human Experience (REL 201, 202)*	
The Sociological Imagination (SOC 204)	
Social Problems and Policy (SOC 205)	
Introduction to the Theatre: Drama in Production (TA 147)	
Women in Society: Introduction to Women's Studies (WS 201)	

\*Denotes nonwestern emphasis.

**UPPER DIVISION**

(44 credits)

Research and Writing about Art (ARTH 301) .....	4
Art history electives at 300 and 400 levels.....	24
Support and related studies in the following areas at the 300 and 400 levels:	
Anthropology, Film Studies, Literature, Music History, Philosophy, Sociology, Theatre History, and World History .....	12
Capstone (to be completed once during the senior year) (ART 496).....	4
Total credits in the major.....	84

**Minors****General Studio Art (not available to studio art majors)**

Note: Students who are transferring or challenging studio courses must have a portfolio or show evidence of an appropriate level of ability.

(36 credits)

History of Art (ARTH 204, 205, or 206).....	4
Introduction to Drawing (ART 133) .....	4
Lower division studio art electives .....	12
Upper division studio art electives (300–400 level) .....	16

**Art History (available to studio art majors)**

(32 credits)

History of Art (ARTH 204, 205, 206).....	12
Art Theory and Critical Issues (ARTH 260) .....	4
Upper division art history electives (300–400 level) .....	16

Note: ARTH 301 does not count toward upper division ARTH electives.

**Photography (not available to studio art majors)**

Instructor consent required.

(28 credits)

Introduction to Photography (ART 240).....	4
Photography II (ART 340).....	4
Color Photography (ART 342).....	4
Upper division art history elective .....	4
Choice of either Photography III (ART 341) or Photo Mixed Media (ART 343).....	4
Electives.....	8

Choose electives from the following:

Introduction to Drawing (ART 133) .....	4
Digital Studio (ART 250) .....	4
Cultural Anthropology: Perspectives on Humanity (ANTH 213) .....	4

**Teacher Licensing/Art Endorsement**

Students who would like to teach art at the elementary, middle school, or high school level are urged to contact the School of Education to determine appropriate preparation and requirements.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Prerequisites for an art endorsement include lower division coursework in all six studio areas, as well as coursework specific to the field of art education. Practica, internships, and volunteer experiences working with children in the public schools or other art programs prior to application to the MAT program are required. An art education advising form is available in the Art Department.

**Interdisciplinary Studies**

Students completing requirements for an interdisciplinary degree with a major in fine and performing arts may meet a portion of the major requirements with upper division courses in the field of art. See the *Interdisciplinary Options* section for a complete description of the electives and requirements for this program. Interdisciplinary majors must have a planned program and a chosen department or program of emphasis approved by the time they have completed 121 credits.

**Creative Activities Courses****LOWER DIVISION COURSE****ARTC 199 Special Studies**

Credits to be arranged

ARTC courses supplement the range of material and creative experiences available to all majors. ARTC courses are not counted toward art major degree requirements.

**Art Courses****LOWER DIVISION COURSES****ART 133 Introduction to Drawing**

4 credits

Explores a variety of drawing strategies and critical skills as they apply to representing volume, light, and space in still-life, landscape, and figure drawing. Introduces basic drawing media and techniques, drawing from a nude model, and the abstract and expressive aspects of drawing.

**ART 144 Introduction to Graphic Design**

4 credits

Introduces nonmajors to the field of graphic design. Concentrates on the digital tools of desktop publishing and graphic design. Students learn the basics of a layout assembly program, vector-based drawing program, and image-editing program through the completion of six graphic design projects.

**ART 145 Introduction to Web Design**

4 credits

An introduction to the field of web design. Concentrates on using the digital tools of web publishing by learning the basics of web-authoring software. Web design and navigation funda-

mentals are emphasized through the planning and completion of a we site. Web projects may include site design for nonprofit organizations, small businesses, online job searches, and personal or professional portfolio development.

#### **ART 199 Special Studies**

Credits to be arranged

#### **ART 210 Introduction to Printmaking**

4 credits

Introduces an array of printmaking techniques, including intaglio (dry point and basic etching), relief (woodcut and linocut), and collagraph. All processes are nontoxic. Emphasizes the development of technical skills and a personal statement. Readings and lectures explore the history of printmaking and its current applications. ART 133 recommended.

#### **ART 240 Introduction to Photography**

4 credits

From digital to darkroom, a beginning study of the possibilities for photographic expression, from the snapshot to the experimental. Explores fundamental properties of lens-based imagery while developing conceptual problem-solving skills and deepening the aesthetic sensibilities through a series of assignments. Covers basic digital and film camera functions, file management, simple image manipulation and printing, film exposure, and photographic printing processes. Introduces historic and contemporary photographic works and ideas through presentations, research, and readings.

#### **ART 250 Introduction to Digital Media**

4 credits

Offers an in-depth examination of the technical and conceptual issues behind using the computer as an artistic tool. Designed to deepen students' conceptual and aesthetic sensibilities, the course emphasizes a creative, experimental approach to the computer. Students learn the fundamentals of image manipulation, digitization, file management, and printing by completing a series of creative projects. Note: ART 250 is recommended for all upper division digital courses offered by the Art Department.

#### **ART 255 Introduction to Ceramics**

4 credits

Beginning hand-building course in ceramics. Provides exposure to the design, construction, throwing, glazing, and firing of hand-built work. Includes a survey of the history of ceramics and issues in contemporary ceramics.

#### **ART 285 Introduction to Watercolor Painting**

4 credits

A beginning course in transparent watercolor painting, including basic methods and materials. ART 133 recommended.

#### **ART 290 Introduction to Painting**

4 credits

Introduces oil media, with an emphasis on the development of paint-handling skills, composition, and color as they apply to all painting media. ART 133 recommended.

#### **ART 291 Introduction to Sculpture**

4 credits

Beginning course in three-dimensional form. Uses basic materials and introduces elemental processes such as construction, carving, and casting. Also introduces the conceptual aspect of artmaking through problem-solving assignments that address traditional and nontraditional modes of expression.

#### **UPPER DIVISION COURSES**

#### **ART 304 Typography, Color, Design, and Drawing for Digital Media**

4 credits

Reviews the theory and principles of digital typography and digital color. Introduces students to toolsets and fundamentals of drawing and designing with digital media. Assignments provide a foundation for digital work in graphic design, illustration, and animation. ART 250 recommended.

#### **ART 306 Digital Illustration**

4 credits

Illustration and rendering using digitizing tablets and digital image editing programs such as Photoshop and Painter. Projects oriented to visual communication and storytelling through digital media. Assignments are completed in digital media. Exploration of contemporary illustrators and illustration styles. DMF 201 recommended.

#### **ART 310 Printmaking II**

4 credits (maximum 12 credits)

Emphasizes the perfection of technical skills learned in Printmaking I. Examines advanced processes in the areas of intaglio and relief. Introduces monoprint, lithography, and photocopy transfer. Explores artistic intent more thoroughly. Reading and lectures introduce students to the international community of printmaking. Suggests research on national and international exhibitions and conferences. Prerequisite: ART 210.

#### **ART 311 Photographic Printmaking**

4 credits

An advanced specialty class incorporating etching with photographic applications through the use of nontoxic photo emulsion and digitally produced transparencies. Emphasizes combining hand-worked techniques with photo-etched imagery and the effective use of text and image. Some experience in photography and Adobe Photoshop recommended. Prerequisite: 4 credits of ART 310.

#### **ART 327 Figurative Painting and Drawing**

4 credits

Intermediate course in which students work from the live model. Students may use a variety of media. Emphasis is on exploring responses to the human figure in the studio environment. Prerequisites: ART 290 and 133.

#### **ART 332 Intermediate Drawing**

4 credits

Continues Drawing I. Emphasizes drawing as an expressive medium. Further develops conceptual and critical issues. Prerequisite: ART 133.

#### **ART 333 Drawing and Mixed Media**

4 credits

Intermediate drawing class with emphasis on individual exploration and expression. Examines color and mixed media, contemporary issues, and critical and conceptual development as they relate to drawing as an artistic medium. Prerequisite: ART 332.

#### **ART 340 Photography II**

4 credits

Intermediate-level course moves from an exploration of the single image to the multiple. Explores concepts of the archive, diptych, and narrative through assignments, reading, and critiques. Development of technical skills may include artificial light, camera filters, digital color, textual elements, and alternative print presentation with an emphasis on the synthesis of process and idea. Discusses major trends in contemporary photography. Prerequisite: ART 240.

#### **ART 341 Photography III**

4 credits

Continues study of black-and-white photography. Covers more technical material, with emphasis on the expression of ideas through the construction of a consistent body of work primarily initiated and developed by the student. Assigns readings and holds regular critiques to evaluate portfolio progress. Covers 35mm to 120mm film formats. Prerequisite: ART 340.

#### **ART 342 Color Photography**

4 credits

Emphasizes the expression of ideas through personal response to the aesthetic structure and psychological elements of color. It is expected that the student has begun to establish a foundation for ideas and is developing a personal philosophy through previous art or photography classes. This is not a beginning photography course. Technical instruction includes lectures and demonstrations on using camera filters and printing color negatives. Prerequisite: ART 341.

#### **ART 343 Photo Mixed Media**

4 credits

Introduces cyanotype, Vandyke, and salted paper processes. Includes extensive use of orthochromatic film and mixed media processes. Also includes techniques and issues of collage and montage, image appropriation, hand-coloring, and electronic imaging as it is applied to photographic ideas. Prerequisite: ART 340.

#### **ART 344 Graphic Design**

4 credits (maximum 12 credits)

Studies design principles, philosophy, aesthetics, and current stylistic directions in graphic design. Discusses logo design, business identity papers, ad design, poster design, book cover design, the business of design, digital design, prepress, and printing. Reviews the basic features of a vector drawing program. ART 250, 304 recommended.

#### **ART 349 Comic Books and Picture Books**

4 credits

Studio introduction to creating comics and picture books. Explores concepts of visual nar-

rative, character, book design, and story development, as well as traditional and digital illustration techniques. ART 250 recommended. Prerequisite: ART 133.

#### **ART 350 Digital Print Studio**

4 credits

Focuses on using the computer as a means of creating and printing images. Covers artists' books, contemporary print work, typographic design, working in a series, and narrative/anti-narrative. Coursework is designed to assist students with developing the direction and content of their work, which culminates in an independently designed final project. Prerequisites: ART 250 and either ART 133 or 240.

#### **ART 351 Digital Interactive Studio**

4 credits

Studio class that explores the interrelationship between visual design and user interactivity. Students create original projects for the Internet using video, animation, interactive authoring, and audio. Designed to assist students in developing the direction and content of their work and culminates in an independently designed final project. ART 250 recommended.

#### **ART 352 Digital Animation Studio**

4 credits

Introduces students to a range of animation ideas and techniques, with emphasis on concept, aesthetics, and experimentation. Covers principles of motion, character design, sound design, audiovisual editing, and the technical concerns of animating for video and the Internet. Students complete a series of short projects culminating in an independently designed final project. Prerequisites: ART 133 and 250.

#### **ART 353 Digital 3D Modeling and Lighting Studio**

4 credits

Explores the 3D computer environment as a means of creating expressive imagery for print, video, and the Internet. Covers camera composition, modeling, lighting, texture mapping, compositing, and character and set design. Emphasizes an experimental attitude and explores the incorporation of material and perspectives from other media such as photography, drawing, and sculpture into the 3D imaging process. Prerequisites: ART 133 and 250.

#### **ART 354 Digital 3D Animation Studio**

4 credits

A studio class introducing students to 3D animation as a means of creative expression and experimentation. Covers principles of motion, staging and editing action, morphing, camera and lighting composition, inverse kinematics, and character design. ART 353 recommended. Prerequisites: ART 133 and 250.

#### **ART 355 Ceramic Methods**

4 credits

Intermediate course that explores construction methods used in industrial ceramics. Introduces methods such as press molds, slip casting, jacking, jiggering, and ceramic decals. Includes a survey of the history of ceramics and issues in contemporary ceramics. Examines glaze calcu-

lation at various firing temperatures. Prerequisite: ART 255.

#### **ART 356 Functional Ceramics**

4 credits

Intermediate course that explores the making of utilitarian ware. Focuses on how form influences function as students learn how to use the potter's wheel as the main tool for working. Explores the history of functional ware. Examines glaze calculation and high-fire oxidation and reduction kiln firings. Prerequisite: ART 255.

#### **ART 357 Ceramic Sculpture**

4 credits

Intermediate course that focuses on the development of conceptual skills. Explores a variety of both traditional and nontraditional ceramic techniques with a goal of integrating concept, material, and process. Includes a survey of the history of ceramics and issues in contemporary ceramics. Prerequisite: ART 255.

#### **ART 385 Water-Based Painting Media**

4 credits

Intermediate study of painting focusing on the use of watercolor media. Introduces watercolor and other water-based media, as well as concepts and theories related to painting as an artistic medium. ART 332 recommended. Prerequisites: ART 133 and 290.

#### **ART 389 Oil Painting Media**

4 credits

Continues the study of painting media, techniques, and painting as an expressive art form. Students develop conceptual and critical skills and relate these skills to painting. Prerequisites: ART 133 and 290.

#### **ART 390 Intermediate Drawing and Painting Studio**

4 credits (maximum 8 credits)

Intermediate work in painting or drawing. Continues study of media and techniques. Explores drawing and painting as expressive art forms. Students develop conceptual and critical skills as they relate to painting and drawing. Prerequisite: Minimum 4 credits in ART 327, 333, 385, or 389.

#### **ART 391 Sculpture II**

4 credits (maximum 12 credits)

Investigates the wide range of possible formats for sculpture through the object, assemblage, installation, site-specific work, performance, and kinetics. Explores these forms by introducing multiple processes, including plaster and latex flexible mold-making; woodcarving and construction; and metal fabrication and foundry. Although traditional materials are used, students are encouraged to explore a range of nontraditional materials and mixed-media applications. Discusses the history and theory of sculpture as it relates to problem solving and critiques. Prerequisite: ART 291.

#### **ART 395 Installation and Site-Specific Art**

4 credits

Intermediate studio/seminar course for focused work in installation and site-specific art. May be counted as one term of the ART 391 sequence. Prerequisites: ART 291 and 391.

#### **ART 399 Special Studies**

Credits to be arranged

#### **ART 401/501 Research**

Credits to be arranged

#### **ART 403/503 Thesis**

Credits to be arranged

#### **ART 405/505 Reading and Conference**

Credits to be arranged

#### **ART 407/507 Seminar**

Credits to be arranged

#### **ART 409/509 Practicum**

Credits to be arranged

#### **ART 410 Printmaking III**

4 credits (maximum 12 credits)

Explores printmaking and the application of various print processes, with emphasis on combining techniques and other art media. Encourages further exploration of personal expression through experimental approaches. Recommends engagement in national and international printmaking exhibitions and conferences. Prerequisite: 12 credits of ART 310.

#### **ART 411 Special Projects in Printmaking**

1 to 4 credits (maximum 12 credits)

Individual projects within the printmaking medium enable students to extend their studies beyond offered courses. Students devise a study proposal for instructor approval. Each student works independently, and the instructor serves as a guide throughout the course. Prerequisite: 12 credits of ART 410.

#### **ART 424/524 Art Process and Education Theory**

4 credits

Explores art materials, techniques, and concepts for standards-based art education, appropriate for grades K-12. Includes strategies for developing meaningful art programming through historical, cultural, and aesthetic inquiry. Does not count as a studio elective for art majors.

#### **ART 426/526 Special Studies in Painting and Drawing**

1 to 4 credits (maximum 24 credits)

Independent advanced studio work offered through special registration. Prerequisite: Instructor consent.

#### **ART 427/527 Figurative Painting and Drawing**

4 credits

Advanced study utilizing the human figure as subject. Studio work includes both self-generated content and study from live model. Prerequisites: ART 327 plus 8 credits of 300-level studio courses.

#### **ART 429/529 Issues in Art Education**

4 credits

Discusses the concepts in art and art education that form the foundation for present art education teaching practices. Does not count as a studio elective for art majors.

**ART 441 Photography Seminar**

4 credits

Involves portfolio development, with frequent class critiques of works in progress. Readings and discussions of selected materials focus on historical and contemporary issues in art. All photograph-based media and processes are acceptable, including mixed media and installation art. Prerequisite: ART 342.

**ART 443/543 Special Projects in Photography**

1 to 4 credits (maximum 12 credits)

Students construct portfolios. Includes terminal projects and gallery research. Prerequisite: ART 341.

**ART 444 Graphic Design II**

4 credits (maximum 12 credits)

Studies advertising layout and the historical, philosophical, psychological, and cultural origins of graphic design. Includes discussion of the graphic design marketplace and business practices. Students work on a coordinated advertising campaign that includes projects in video, film, and multimedia storyboards; CD, video, or audio software package designs; magazine or brochure designs; and preparation of a final print and digital portfolio. Reviews the basic features of a page layout program. ART 250, 344 recommended.

**ART 450/550 Special Projects in Digital Media**

1 to 4 credits (maximum 20 credits)

Students research, design, and execute a special project of their own in an area of digital media. Emphasizes advanced individual exploration, expression, and contemporary art issues. May be repeated for credit. Prerequisites: 12 credits total of any combination of ART 350, 351, and 352.

**ART 455/555 Advanced Ceramics**

4 credits (maximum 12 credits)

Advanced course in hand-built and wheel-thrown ceramics. Directs students toward self-sufficiency in clay and glaze theory, application, and composition. Students study kiln theory, construction, and firing. Prerequisites: ART 355, 356, and 357.

**ART 456 Special Projects in Ceramics**

1 to 4 credits (maximum 12 credits)

Students design and execute a special project of their own choosing or identify a particular area of research in ceramics to pursue. Prerequisite: ART 455 (8 credits).

**ART 490/590 Advanced Studio in Painting and Drawing**

4 credits (maximum 12 credits)

Advanced work in painting, drawing, collage, and mixed media. Emphasis is on individual artistic development in predominately 2D media. Includes the development of critical and conceptual skills as they relate to artistic creation. Prerequisite: 12 credits from ART 327, 333, 385, 389, and/or 390 in any combination.

**ART 491/591 Sculpture III**

4 credits (maximum 12 credits)

Advanced work in the form (the object, site-specific, installation art, and mixed media) and content of sculptural media. Focuses on individual

research and experimentation in relation to contemporary issues and continued critical development. Prerequisite: 12 credits of ART 391.

**ART 492 Special Projects in Sculpture**

1 to 4 credits (maximum 20 credits)

Individual project within the sculpture media. Provides students with an opportunity to extend their involvement in sculpture beyond course offerings. Students propose a project for instructor approval. Each student works independently with guidance from the instructor. Prerequisite: ART 491.

**ART 495 Installation and Site-Specific Art**

4 credits

Advanced studio/seminar course for focused work in installation and site-specific art. May be counted as one term of the ART 491 sequence. Prerequisites: Either 12 credits of ART 391 or 8 credits of ART 391 plus 4 credits of ART 395.

**ART 496 Capstone**

4 credits

Senior project for BA, BFA, and BS art majors, taken with the instructor in the student's studio concentration or art history. Integrates the knowledge and skills of the discipline with a career-oriented project. Examples include internships; creation, exhibition, or portfolio of artwork; or research projects. The final capstone report is submitted to and kept in the department office, where it will be accessible to students and faculty. Prerequisite: Senior standing.

**Art History Courses****LOWER DIVISION COURSES****ARTH 199 Special Studies**

Credits to be arranged

**ARTH 204 History of Art: Prehistory through Medieval**

4 credits

Historical survey of the visual arts from the prehistoric to medieval periods, including references to early nonwestern art. Examines selected artworks in relation to their historical and cultural contexts. Approved for University Studies (Explorations).

**ARTH 204H Art History Honors Seminar**

1 credit

Students complete assignments and exams in the ARTH 204 sequence but meet bi-weekly in a two-hour seminar class to discuss additional assigned readings and topics that provide more in-depth study of the history of art. Prerequisite: Honor student status or instructor consent.

**ARTH 205 History of Art: Renaissance through Baroque**

4 credits

Historical survey of the visual arts from the Renaissance through Baroque eras, including references to nonwestern art of the same period. Examines selected artworks in relation to their historical and cultural contexts. Approved for University Studies (Explorations). Prerequisite: ARTH 204 recommended.

**ARTH 205H Art History Honors Seminar**

1 credit

Students complete assignments and exams in the ARTH 205 sequence but meet bi-weekly in a two-hour seminar class to discuss additional assigned readings and topics that provide more in-depth study of the history of art. Prerequisite: Honor student status or instructor consent.

**ARTH 206 History of Art: Eighteenth Century to Contemporary**

4 credits

Historical survey of the visual arts from the eighteenth to twenty-first centuries, including references to nonwestern art of the same period. Examines selected artworks in relation to their historical and cultural contexts. Approved for University Studies (Explorations). Prerequisite: ARTH 204, 205 recommended.

**ARTH 206H Art History Honors Seminar**

1 credit

Students complete assignments and exams in the ARTH 206 sequence but meet bi-weekly in a two-hour seminar class to discuss additional assigned readings and topics that provide more in-depth study of the history of art. Prerequisite: Honor student status or instructor consent.

**ARTH 260 Art Theory and Critical Issues**

4 credits

Introduces some of the major theories and critical issues influencing art and artists. Prerequisites: ARTH 201, 202 or 204, 205, 206.

**UPPER DIVISION COURSES****ARTH 301 Research and Writing about Art**

4 credits

Presents methods and techniques of research and writing for the discipline of art history. Students learn methods to access, analyze, and evaluate information and to write a research paper with effective arguments and interpretations. Prerequisites: ARTH 201, 202 or 204, 205, 206 and USEM 101, 102, 103 or WR 121, 122.

**ARTH 311 Art and Music of the Twentieth Century to Present**

4 credits

Offers an interdisciplinary survey of the visual arts and music from the twentieth century to the present. Examines the intersections, cross-influences, and significant archetypes of visual art and music. Topics include modernism, post-modernism, primitivism, minimalism, futurism, and popular culture. ARTH 206 and MUS 201 recommended. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with MUS 311.)

**ARTH 330 Art, Culture, and Technology**

4 credits

Examines the impact of twentieth-century technological, social, and historical change on our conceptions of art and culture. Using readings from cross-disciplinary sources, students explore the origins, evolution, and proliferation of new media and communications technologies, including photography, film, television, computers, and the Internet. Approved for University

sity Studies (Synthesis). Prerequisite: Completion of all lower division University Studies requirements.

**ARTH 344 Art, Culture, and Politics**

4 credits

Students examine the arts as an agent of social, culture, and political change during the twentieth century. Explores art from a social history perspective and traces how it intersects with the broader social dynamics of specific historical periods ranging from the radicalism of the early avant-garde to the postmodern era. ARTH 201, 202 or ARTH 204, 205, 206 recommended. Approved for University Studies (Synthesis). Prerequisite: Completion of all lower division University Studies requirements.

**ARTH 345 Activist Art**

4 credits

Explores and defines activism and the roles artists play in instigating change and igniting community involvement. Examines the history and evolution of activism through cross-disciplinary sources. Culminates in a final project where students are expected to develop an "activist" or community-based project. Approved for University Studies (Integration). Prerequisite: Completion of all lower division University Studies requirements. ARTH 201, 202 or 204, 205, 206 recommended.

**ARTH 360 History of American Art**

4 credits

Explores major works and trends in architecture, painting, sculpture, and related arts from the colonial period to the present, with emphasis on American adaptations and indigenous American contributions. ARTH 201, 202 or 204, 205, 206 and HST 250, 251 recommended.

**ARTH 399 Special Studies**

Credits to be arranged

**ARTH 401/501 Research**

Credits to be arranged

**ARTH 403/503 Thesis**

Credits to be arranged

**ARTH 405/505 Reading and Conference**

Credits to be arranged

**ARTH 407/507 Seminar**

Credits to be arranged

**ARTH 409/509 Practicum**

Credits to be arranged

**ARTH 431/531 Italian Renaissance Art**

4 credits

Intensive study of the origin and development of Renaissance art in Italy. ARTH 205 recommended.

**ARTH 445/545 Early Modern Art**

4 credits

Examines major artistic trends and theories from the early nineteenth century through World War I. Emphasizes the social dynamics that led to the foundations of modernism. Prerequisite: ARTH 206.

**ARTH 446/546 Contemporary Art: 1945–Present**

4 credits

Intensive study of the major trends, media, and critical theories in art since 1945. Prerequisite: ARTH 206.

**ARTH 450/550 Race, Gender, and Ethnicity in Art**

4 credits

Explores artists of different races, genders, and ethnicities and considers issues of representation reflected in their art. Examines censorship, public art, and other contemporary art topics from legal, political, and cultural perspectives. Approved for University Studies (Integration).

**Digital Media Foundations Courses**

**LOWER DIVISION COURSES**

**DMF 201 Digital Media Foundations I**

2 credits

Provides an introduction to the fundamentals of visual narrative, design, and critical thinking about the creation of visuals in a digital age. DMF 201 serves as a prerequisite or recommended course for several upper division classes in art, applied multimedia, computer science, photojournalism, and video production. Corequisite: DMF 201L.

**DMF 201L Digital Media Foundations I Lab**

2 credits

Students complete a series of projects combining contemporary techniques in digital photography, graphic design, and illustration. Corequisite: DMF 201.

**College of Arts and Sciences**

Computing Services 211

541-552-6520

Josie Wilson, Acting Dean

The College of Arts and Sciences (CAS) at Southern Oregon University supports academic programs in arts, humanities, sciences, and social sciences that have a strong disciplinary focus. The new CAS also enhances several interdisciplinary programs and selected graduate programs. Students have multiple opportunities to gain knowledge and experience in the community through service-learning classes, practica, and capstone classes. They are also encouraged to study abroad as part of their academic program.

CAS educational programs address the social, cultural, scientific, technical, economic, environmental, physical, political, psychological, and health-related spheres. Students are involved in significant research and scholarly activities, preparing them for successful careers and advanced educational opportunities. SOU faculty are committed to providing students with personal instruction and advising, small classes, experience with modern instrumentation and technology, and opportunities to build investigative and communication skills.

In its role as a Designated Center of Excellence in the Fine and Performing Arts by the Oregon University System (OUS), SOU offers

programs in studio art, art history, music, and theatre. CAS promotes such activities as theatrical productions, art exhibitions, music concerts, publication of the West Wind Review, poetry readings, the Chamber Music Concerts, the Oregon Writing Project, Shakespeare studies, and exhibits at the Schneider Museum of Art, as well as many community and regional opportunities in the arts.

The region's diverse environment offers students an outstanding natural laboratory for research and instruction. CAS departments have established relationships with local businesses and local, state, and federal agencies, where faculty and students perform research and students gain practicum and internship experiences. Students are challenged to apply their knowledge in real-world situations through community-based service opportunities in which they are mentored in meaningful civic engagement, skill-building, and the study of social values. As a result, students learn how to understand the human condition and build respectful relationships within communities. Many CAS departments support teacher education and maintain strong ties with the educational community.

Students are encouraged to expand their multicultural and global perspectives; to increase their critical thinking, communication, cooperation, problem-solving, and leadership skills; and to grow in personal and physical well-being. Faculty value personal curiosity, lifelong learning, and development of the whole student.

**Departments and Programs**

Art and Art History (including Applied Multimedia)

Biology

Chemistry, Physics, Materials, and Engineering Communication

Computer Science

Criminology and Criminal Justice

Environmental Studies (including Geography and Geology)

Health, Physical Education, and Leadership

History and Political Science

Language, Literature, and Philosophy (including English and Writing, Foreign Languages and Literatures, and Philosophy)

Mathematics

Music

Psychology

Social Sciences, Policy, and Culture (including Anthropology, Economics, Geography, International Studies, Native American Studies, Sociology, and Women's Studies)

Theatre Arts (including Shakespeare Studies)

**Graduate Programs**

**Master of Interdisciplinary Studies**

(Pending approval by the Oregon State Board of Higher Education.) The broadly focused interdisciplinary graduate program allows stu-

dents to combine theory and practice from several strands or disciplines of inquiry originating in the arts, humanities, sciences, and social and health sciences. Students work with a Graduate Faculty Committee to design a program unique to their goals. All students participate in two core seminars, a research class, a comprehensive exam over course material, and a final project or thesis. Students choose a major area of concentration and a minor or a second major. For complete information about this program, see the Master of Interdisciplinary Studies website at sou.edu/cas/mis.

#### **Master of Science in Environmental Education**

This program brings together a scientific understanding of the natural world, awareness of the environmental problems affecting present and future generations, and the skills to be effective educators. The MS in Environmental Education program is designed to help students acquire scientific knowledge and professional skills in preparation for careers devoted to formal and informal science education, sustainable resource use, protection of biodiversity, and preservation of wildlands. Graduates find jobs as teachers in school and field settings; as interpretive naturalists in museums, nature centers, and parks; and as environmental advocates working with governmental and nongovernmental organizations to educate the public. For complete information on the program, see the Environmental Education website at sou.edu/ee.

#### **Discipline-Based Graduate Programs**

In addition, the College of Arts and Sciences offers the following discipline-based programs: a Master of Music in Conducting, a Master of Science in Mental Health Counseling, a Master of Theatre Studies in Production and Design, and a Master of Arts in Spanish Language Teaching. For complete information on these programs, see the specific department listings.

#### **Preprofessional Programs**

Preprofessional programs enable students to complete one or more years of study at Southern Oregon University prior to transferring to a professional school. SOU offers preprofessional programs in chiropractic medicine, dental hygiene, dentistry, education, engineering, law, medical technology, medicine, nursing, occupational therapy, optometry, pharmacy, physical therapy, physician's assistant, psychology, counseling, social work and human service, and veterinary medicine. For specific information on engineering, see the *Chemistry and Physics* sections.

#### **Digital Media Foundations**

Through the College of Arts and Sciences, SOU provides interdisciplinary instruction in visual narrative, design, and creation of visuals in a digital age. For information on Digital Media Foundations courses, see the course listings within the *Communication* and *Art and Art History* sections of the catalog.

### **College of Arts and Sciences Courses**

Courses listed in CAS are general open-numbered courses to serve interdisciplinary programs, study abroad, and foundational perspectives in the humanities, arts, sciences, social sciences, and health sciences. Many of the latter meet general education requirements. Graduate courses meet foundational and/or interdisciplinary requirements for the Master of Interdisciplinary Studies or the previous School-Area Degree programs in mathematics and computer science, social sciences, or sciences.

#### **Arts and Letters Courses**

##### **LOWER DIVISION COURSES**

###### **AL 199 Special Studies**

Credits to be arranged

###### **AL 209 Practicum**

Credits to be arranged

###### **AL 215, 216 Introduction to Cultural Studies**

4 credits

Examines the experience of inhabiting a mass, commodified culture. Introduces students to key concepts from the emerging field of cultural studies, placing contemporary trends in popular culture within a larger historical framework. Addresses how specific disciplines apply ideas from cultural studies, such as an English course that focuses on contemporary responses to issues raised in classic narratives or a communication course that examines representations of gender in advertisements. Approved for University Studies (Explorations).

##### **UPPER DIVISION COURSES**

###### **AL 301 History and Theories of Cultural Studies**

4 credits

Explores the historical context of cultural studies and its major theoretical perspectives. In addition to critical readings from the different areas of cultural studies, students apply these theories to independent projects that focus on the production of meaning in their world. Prerequisite: Completion of all lower division University Studies requirements. Approved for University Studies (Synthesis).

###### **AL 399 Special Studies**

Credits to be arranged

### **College of Arts and Sciences Courses**

##### **LOWER DIVISION COURSES**

###### **CAS 199 Special Studies**

Credits to be arranged

###### **CAS 209 Practicum**

Credits to be arranged

##### **UPPER DIVISION COURSES**

###### **CAS 399 Special Studies**

Credits to be arranged

##### **GRADUATE COURSES**

###### **CAS 501 Research**

Credits to be arranged

Research that is not part of the thesis option.

#### **CAS 502 Paper**

Credits to be arranged

Expositional writing that is not part of the thesis option.

#### **CAS 503 Thesis**

Credits to be arranged

All research and writing for the thesis option. Student may register for thesis credit each term.

#### **CAS 504 Project**

Credits to be arranged

All work for the non-thesis option. Focuses on application of principles or theories by means of various materials and methods. Results in a final presentation which may take a variety of different forms.

#### **CAS 505 Reading and Conference**

Credits to be arranged

A series of special consultations with a professor to test hypotheses about and comprehension of selected readings or course materials.

#### **CAS 506 Activities**

Credits to be arranged

A variety of passive or peripheral experiences in which students observe essential disciplinary practices. Activities courses are used principally in journalism, music, physical education, speech, and theatre arts. P/NP only.

#### **CAS 507 Seminar**

Credits to be arranged

Special group seminars not given in a regularly scheduled course.

#### **CAS 508 Workshop**

Credits to be arranged

A special course of short duration in which students receive brief sketches of information then practice applying them to concrete problems.

#### **CAS 509 Practicum or Internship**

Credits to be arranged

Skill development and application of academic theory in the work environment. P/NP only.

#### **CAS 520 Introduction to Interdisciplinary Graduate Studies**

3 credits

Builds a foundation of thought that introduces and supports the multidisciplinary focus of the graduate student's program of study. Introduces the year's cohort students to disciplinary and interdisciplinary research methods, theories, and philosophies of disciplinarity and interdisciplinarity, as well as the ethics and practices of advanced inquiry. Required in the first term of coursework in the CAS interdisciplinary graduate program. Available fall term only.

#### **CAS 521 Applying Interdisciplinary Theory**

1 credit

Consists of five two- to three-hour colloquies, seminar meetings, or workshops held at different times over winter and spring terms. Discussion centers on a pre-assigned text or academic activity (such as peer editing or comparative research). Cohort seminars are led by graduate faculty associated with disciplines in the cohort or by interdisciplinary teams.

## Science Courses

### LOWER DIVISION COURSES

#### SC 199 Special Studies

Credits to be arranged

#### SC 209 Practicum

Credits to be arranged

### UPPER DIVISION COURSES

#### SC 339 History and Philosophy of Science

4 credits each

Considers the nature of scientific reasoning. Analyzes basic scientific concepts, such as explanation, hypothesis, and causation. Approved for University Studies (Synthesis). Prerequisites: Explorations sequences from all three of the learning areas, USEM 103, and completion of all lower division University Studies requirements. (Cross-listed with PHL 339.)

#### SC 399 Special Studies

Credits to be arranged

### GRADUATE COURSES

#### SC 501 Research

Credits to be arranged

#### SC 505 Reading and Conference

Credits to be arranged

#### SC 509 Practicum

Credits to be arranged

## Social Sciences Courses

### LOWER DIVISION COURSES

#### SSC 199 Special Studies

Credits to be arranged

#### SSC 209 Practicum

Credits to be arranged

### UPPER DIVISION COURSES

#### SSC 399 Special Studies

Credits to be arranged

### GRADUATE COURSES

#### SSC 501 Research

Credits to be arranged

#### SSC 503 Thesis

Credits to be arranged

#### SSC 505 Reading and Conference

Credits to be arranged

#### SSC 509 Practicum

Credits to be arranged (maximum 15 credits)

#### SSC 511 Contemporary Developments in the Social Sciences

3 credits

Explores new thoughts, trends, and developments in selected social science areas. Examines current research studies on contemporary problems.

#### SSC 514 Education in Sociological Perspectives

3 credits

Examines literature and research related to the current and historical role of public education

in American society from the multiple perspectives of the social sciences. Strengthens analytical skills by applying social science research to the assessment of educational change and public policy on the purpose and operation of public schools, including selected instructional and curricular innovations. (Cross-listed with ED 514.)

## Biology

Science 374

541-552-6341

Karen D. Stone, Chair

Professors: Roger G. Christianson, Carol S. Ferguson, Stewart W. Janes, Christine T. Oswald, Kathleen Page, Michael S. Parker, Charles W. Welden

Associate Professors: Steven L. Jessup, Richard May, David Oline, John S. Roden,

Peter C. Schroeder, John Sollinger, Karen Stone

Instructor: Barbara Fleeger

Adjunct Faculty: Mark W. Bukanica

Emeritus Faculty: Steven P. Cross, Ronald D. Lamb,

Frank A. Lang, D. Wayne Linn, Donald W. Mitchell,

Ronald E. Nitsos, Chris N. Skrepetas, Wayne A. Sorsoli,

Darlene H. Southworth, Richard E. Welton

Biologists work on a broad spectrum of questions related to living organisms and life processes. They investigate the physical and chemical bases of life, the structure and function of organisms and their parts, the interaction between organisms and their environments, and the evolution of organisms. The biology major not only offers a thorough introduction to the principal areas of biology, but it also gives students the freedom to specialize.

The bachelor's degree in biology prepares students for employment in diverse fields related to the life sciences. It is also excellent training for graduate and professional programs leading to degrees in such areas as agriculture, dentistry, environmental science, forestry, medical technology, medicine, optometry, veterinary medicine, and wildlife biology.

Because upper division courses in biology build on prerequisites, students should seek advising as soon as they consider majoring in biology. Early advising is especially important for those planning to go on to graduate or professional schools. Contact the department for an advisor assignment.

## Degrees

BA or BS in Biology

BA or BS in Biology: Biomedical Science Option

BA or BS in Biology: Botany Option

BA or BS in Biology: Cell/Molecular Option

BA or BS in Biology: Ecology and Environmental Biology Option

BA or BS in Biology: Zoology Option

BS in Environmental Studies: Biology Option

MA or MS in Science with an emphasis in Biology

## Minor

Biology

## Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Maintain a minimum 2.0 GPA for all coursework in biology.
3. Complete biology exit exam major field test in biology.
4. Complete the biology core (40–42 credits):  
 Principles of Biology (BI 211, 212, 213) ..... 12  
 Plant Physiology (BI 331) or Comparative Animal Physiology (BI 314) ..... 4  
 Introductory Ecology (BI 340) ..... 4  
 Genetics (BI 341) ..... 4  
 Cell Biology (BI 342) ..... 4  
 Developmental Biology (BI 343) ..... 4  
 Evolution (BI 446) ..... 4  
 Capstone ..... 4–6
5. Those seeking a biology degree without an option must complete a minimum of 5 upper division biology electives, with a total of at least 20 credits. Those seeking an option with their degree should consult the section below, *Options for the Major*, to see how these credits should be distributed. The following courses may not be used: BI 330, 380–389, 401–405, 409, 489, 490, 491, or 492. A maximum of 3 credits from BI 407 and BI 408 may be applied to this requirement. Only 1 credit may be from BI 407. In addition, 4 credits of biochemistry may be applied to this requirement. Note: The biomedical science option requires at least 23 credits of upper division biology electives.
6. Complete the General Chemistry sequence with labs:  
 CH 201, 204; CH 202, 205; CH 203, 206 ..... 15
7. Complete the Principles of Organic Chemistry sequence or the Organic Chemistry sequence with labs:  
 CH 331, 337; CH 332, 338 ..... 11  
 or  
 CH 334, 337; CH 335, 340; CH 336, 341 ..... 16
8. Complete 12–18 credits of physical science from:  
 General Physics with lab (PH 201, 224; PH 202, 225; PH 203, 226) ..... 15  
 or  
 PH 221, 224; PH 222, 225; PH 223, 226 ..... 18  
 or  
 Geology (G 101, 102, 103) ..... 12
9. Complete the following math courses:  
 Calculus I (MTH 251) ..... 4  
 Calculus II (MTH 252) ..... 4  
 Elementary Statistics (MTH 243) ..... 4  
 or  
 Calculus I (MTH 251) ..... 4  
 Elementary Statistics (MTH 243) ..... 4  
 Applied Inferential Statistics (MTH 244) ..... 4

### SUGGESTED FIRST-YEAR PROGRAM

University Seminar (USEM 101, 102, 103)	12
BI 211, 212, 213	12
CH 201, 204; 202, 205; 203, 206	15
Other approved courses	6

## Capstone

The capstone is a research project in which students integrate skills and information learned in the major. Students plan a research project, write a project proposal, conduct research, write a final report, and make an oral presentation to faculty and peers. Options for meeting the capstone requirement include:

1. Complete BI 489 (1 credit) and BI 490, 491, or 492 (3 credits).
2. Complete BI 489. With approval, work individually with a faculty mentor and complete 2 credits of BI 402 or 409 and 1 credit of BI 404.
3. Complete BI 489. If admitted to the department honors program, work individually with a faculty mentor and complete 3 credits of BI 402 or 409 and 2 credits of BI 404.

## Options for the Major

Biology majors wishing to tailor their undergraduate biology degree to meet their future interests or employment may pursue one of the following option areas as part of their degree program. Most option areas have the same core requirements as the biology degree and primarily specialize within the 20 credits of upper division biology electives required for the degree (see #4 under *Requirements for the Major*). The exception is the Biomedical Science option, which has a modified core, upper division elective, mathematics, and physical science requirements designed to better prepare these students for their future courses of study.

### Biomedical Science Option

#### BIOLOGY

1. Complete the biology core requirements with the following modification:  
Introductory Ecology (BI 340) is not required; however, it may be taken for elective credit (see below).
2. Select 3 courses from:  
Microbiology (BI 351 and 353) ..... 6  
Advanced Animal Physiology (BI 414) ..... 4  
Molecular Biology (BI 425) ..... 4  
Immunology (BI 456) ..... 4  
Biochemistry (CH 350 or 451) ..... 3-4
3. Complete a minimum of 3 courses, totaling at least 12 credits from:  
Topics in Biology: Human Anatomy and Physiology I, II, III (BI 330) ..... 12  
or  
Any approved upper division courses that count as electives toward the biology degree, including Introductory Ecology (BI 340) .... 12

#### CHEMISTRY

Same as biology without the biomedical science option.

#### MATHEMATICS

Complete:  
Elementary Statistics (MTH 243) ..... 4  
Calculus I (MTH 251) ..... 4

## PHYSICAL SCIENCE

Complete:

General Physics  
(PH 201, 224; 202, 225; 203, 226)\* ..... 15  
\*PH 221, 222, 223 and labs may be substituted for PH 201, 202, 203 and labs.

## Botany Option

1. Complete Plant Physiology (BI 331) for core physiology requirement (see *Requirements for the Major*, #4) (4 credits).
2. Complete 16 credits from:  
Origins and Diversity of Land Plants (BI 432) ..... 4  
Plant Systematics (BI 433) ..... 4  
Plant Form and Function (BI 434) ..... 4  
Origins and Diversity of Protists and Fungi (BI 436) ..... 4  
Bryology (BI 442) ..... 4  
Vascular Plant Identification and Field Botany (BI 444) ..... 3  
Plant Ecology (BI 454) ..... 4
3. Complete an additional 4 credits from approved upper division biology electives.

## Cell/Molecular Option

1. Complete 16 credits from:  
Microbiology (BI 351 and 353) ..... 6  
Molecular Biology (BI 425) ..... 4  
Plant Form and Function (BI 434) ..... 4  
Origins and Diversity of Protists and Fungi (BI 436) ..... 4  
Immunology (BI 456) ..... 4  
Scanning Electron Microscopy (BI 485) ..... 4  
Biochemistry (CH 350 or 451) ..... 3-4
2. Complete an additional 4 credits from approved upper division biology electives.

## Ecology/Environmental Biology Option

1. Complete 16 credits from:  
Physiological Ecology of Animals (BI 413) ... 4  
Plant Form and Function (BI 434) ..... 4  
Conservation Biology (BI 438) ..... 3  
Plant Ecology (BI 454) ..... 4  
Aquatic Ecology (BI 475) ..... 4  
Animal Behavior (BI 480) ..... 4
2. Complete an additional 4 credits from approved upper division biology electives.

## Zoology

1. Complete Comparative Animal Physiology (BI 314) for core physiology requirement (see *Requirements for the Major*, #4) (4 credits).
2. Complete 16 credits from the following courses (must include at least one invertebrate and one vertebrate course):  
Vertebrate Natural History (BI 317) ..... 4  
Invertebrate Natural History (BI 318) ..... 4  
Physiological Ecology of Animals (BI 413) ... 4  
Advanced Animal Physiology (BI 414) ..... 4  
Mammology (BI 415) ..... 4  
Fish and Fisheries (BI 450) ..... 4  
Entomology (BI 466) ..... 4  
Herpetology (BI 470) ..... 4  
Ornithology (BI 471) ..... 4  
Animal Behavior (BI 480) ..... 4

3. Complete an additional 4 credits from approved upper division biology electives.

## Biology Honors Program

Juniors and seniors who wish to graduate with honors in biology must petition the Biology Honors Committee for admission to the honors program. Honors students conduct independent research with a biology faculty mentor, prepare a written report in the accepted editorial style, and make an oral presentation of the project. Honors graduates must have a minimum 3.25 GPA in all biology courses taken for the major and a minimum overall 3.00 GPA. Completion of the honors program satisfies the Senior Capstone requirement. The transcripts and diplomas of students completing the honors program indicate that their degrees were awarded with departmental honors.

1. Successfully petition the Biology Honors Committee for admission to the program. Forms are available in the Science Hall Office.
2. Complete an honors research project (BI 489 and a minimum of 3 credits of BI 402 or 409) with a minimum grade of B.
3. Complete a written report and make an oral presentation of the research project (2 credits of BI 404) with a minimum grade of B.
4. Complete the bachelor's degree in biology with a minimum GPA of 3.25 in all biology courses taken for the major and 3.00 overall GPA.

## Minor

The minor is designed for non-biology majors who wish to emphasize biology by completing at least 27 credits from the following:

*Principles of Biology:*  
Molecules, Cells, and Genes (BI 211) ..... 4  
Evolution and Diversity (BI 212) ..... 4  
Function and Ecology of Organisms (BI 213) ..... 4  
Select a minimum of 4 courses with a total of at least 15 credits from any regularly scheduled 300- or 400-level biology course that counts toward the biology major ..... 15

Students must have a minimum 2.0 GPA in biology courses for the minor.

## Certificate in Botany

The Certificate in Botany serves undergraduate, graduate, and postbaccalaureate students wishing to work in the plant sciences. The program prepares students for careers as botanists at state and federal agencies, environmental consulting firms, and nongovernmental conservation organizations. It also offers a solid foundation for students planning graduate work in botany. Students wishing to pursue the Certificate in Botany should meet with the certificate advisor early in their program. See the *Certificates* section for more information.

## Graduate Programs

The department offers a master of science degree in environmental education. The department also participates in the master of arts

and master of science degrees in science. See the *Graduate Studies* section for information on these programs.

### Master of Science in Environmental Education

This program serves students seeking careers that require a scientific understanding of the natural world, awareness of the environmental problems affecting present and future generations, and the skills needed to become effective educators. The MS in Environmental Education program is designed to help students acquire scientific knowledge and professional skills in preparation for careers devoted to formal and informal science education, sustainable resource use, protection of biodiversity, and preservation of wildlands. Graduates find jobs as teachers in school and field settings, as interpretive naturalists in museums, nature centers and parks, and as environmental advocates working with governmental and nongovernmental organizations to educate the public. For complete information on the program, see the *Master in Environmental Education* section of this catalog or the Environmental Education website at [sou.edu/ee](http://sou.edu/ee).

### Preprofessional Programs

Students planning a career in a medical field such as dentistry, medicine, optometry, pharmacy, or any other professional area should consult the appropriate advisor as soon as possible after deciding on one of these careers. The Science Hall secretary maintains a current advisor list. Students in premedical technology and preveterinary medicine can plan their work to satisfy general degree requirements at SOU either in a four-year program or in cooperation with a professional school. See the *Preprofessional Programs* section for more information on these programs.

### Teacher Licensing

Students who would like to teach biology at the middle school or high school level in Oregon public schools must complete the prerequisite courses to qualify for the Master of Arts in Teaching (MAT) program at SOU. It is not necessary to complete all prerequisites before applying to the program, but the prerequisites must be completed before a student begins the program. Interested students should consult the Science Hall secretary for an advisor and the School of Education regarding admission requirements for the MAT program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Applicants are required to gain experience working with children in public schools through practica, internships, and volunteer service before applying to the program.

### Biology Courses

#### LOWER DIVISION COURSES

##### BI 101 General Biology: Cells

4 credits

Intended for non-biology majors. Examines the organization of cells, including their composition and structure, energy-trapping and use,

information storage, and cell division. Three lectures and one 2-hour laboratory. Approved for University Studies (Explorations). Corequisite: BI 101L.

##### BI 102 General Biology: Organisms

4 credits

Intended for non-biology majors. Addresses the organization and function of multicellular organisms, with an emphasis on humans. Three lectures and one 2-hour laboratory. Approved for University Studies (Explorations). Prerequisite: BI 101. Corequisite: BI 102L.

##### BI 103 General Biology: Populations

4 credits

Intended for non-biology majors. Covers the organization of populations, including Mendelian inheritance, adaptation to the environment, evolution, population growth, communities, ecosystems, and pollution. Three lectures and one 2-hour laboratory. Approved for University Studies (Explorations). Prerequisite: BI 101. Corequisite: BI 103L.

##### BI 199 Special Studies

Credits to be arranged

##### BI 209 Practicum

Credits to be arranged

##### BI 210 Topics in Biology

1 to 4 credits

Intended for non-biology majors. Topics on contemporary society and current biology issues are chosen on the basis of their relevance to other disciplines. Lecture, discussion, and/or laboratory as deemed suitable for the topic. May not be used to meet biology major requirements. Credit determined by topic.

##### BI 211 Principles of Biology: Molecules, Cells, and Genes

4 credits

Introductory course intended for biology and other science majors. Covers biological molecules, cell structure and function, and genetics. Three lectures and one 3-hour laboratory. Approved for University Studies (Explorations). Corequisite: BI 211L.

##### BI 212 Principles of Biology: Evolution and Diversity

4 credits

Introductory course intended for biology and other science majors. Explores the mechanisms and results of evolution, including a survey of organism diversity. Three lectures and one 3-hour laboratory. Approved for University Studies (Explorations). Prerequisite: BI 211. Corequisite: BI 212L.

##### BI 213 Principles of Biology: Function and Ecology of Organisms

4 credits

Introductory course intended for biology and other science majors. Covers organismal function and interactions among organisms, as well as interactions between organisms and their environments. Three lectures and one 3-hour laboratory. Prerequisites: BI 211, 212. Corequisite: BI 213L.

##### BI 214 Elementary Microbiology

4 credits

Intended for students interested in careers in chiropractic medicine, dental hygiene, medical technology, nursing, occupational therapy, and physical therapy. Studies the general characteristics of microorganisms that cause disease and the factors involved in host resistance to disease. Includes principles of disease causation and diagnosis, epidemiology, and prevention and treatment of infectious diseases. Two 75-minute lectures and two 80-minute laboratories. Corequisite: BI 214L.

##### BI 231 Human Anatomy and Physiology I

4 credits

Introduces human structure and function, with a study of skeletal and muscular systems. Two 75-minute lectures and one 3-hour laboratory. Prerequisite: One year of a biological science. Corequisite: BI 231L.

##### BI 232 Human Anatomy and Physiology II

4 credits

Continues study of the systems of the human body and their structure and function, including nervous, circulatory, and respiratory systems. Two 75-minute lectures and one 3-hour laboratory. Prerequisite: BI 231. Corequisite: BI 232L.

##### BI 233 Human Anatomy and Physiology III

4 credits

Continues study of the systems of the human body and their structure and function, including digestive, urogenital, and endocrine systems. Two 75-minute lectures and one 3-hour laboratory. Prerequisites: BI 231 and 232. Corequisite: BI 233L.

##### BI 250 Nursing Genetics

3 credits

Provides a foundation for nurses to understand genetics as it relates to human variation. Topics include transmission genetics; population genetics; the structure and function of genes; genetics of sex, behavior, immunity, and cancer; diseases linked to single gene mutations; genetic technologies; genetic screening testing; and bioethics.

#### UPPER DIVISION COURSES

##### BI 314 Comparative Animal Physiology

4 credits

Comparative study of respiration, circulation, digestion, energetics, and thermoregulation. Emphasizes general physiological principles and uses physical and mathematical approaches applicable to all animals. Three lectures and one 3-hour laboratory. Prerequisites: BI 211, 212, 213 and one year of general chemistry. Corequisite: BI 314L.

##### BI 317 Vertebrate Natural History

4 credits

Examines the systematics, distribution, behavior, dormancy, population movements, population dynamics, and ecology of vertebrates. Laboratory emphasizes field studies and identification. Two lectures and two 3-hour laboratories. Prerequisites: BI 211, 212, 213. Corequisite: BI 317L.

**BI 318 Invertebrate Natural History**

4 credits

Introduces invertebrates, with an emphasis on the natural history, structure, classification, and ecological importance of major phyla—including sponges, sea anemones, marine and terrestrial worms, echinoderms, molluscs, and arthropods. Required overnight coast field trip. Two lectures and two 3-hour laboratories. Prerequisites: BI 211, 212, 213. Corequisite: BI 318L.

**BI 330 Topics in Biology**

1 to 4 credits

Intended for non-biology majors. Topics on contemporary society and current biology issues are chosen on the basis of their relevance to other disciplines. Lecture, discussion, and/or laboratory as deemed suitable for the topic. May not be used to meet biology major requirements, except in Biology Biomedical Science option. Credit determined by topic. Prerequisite: Upper division standing. Additional prerequisites and corequisites determined by topic.

**BI 331 Plant Physiology**

4 credits

Examines the metabolic activities of plants. Three lectures and one 3-hour laboratory. Prerequisites: BI 211, 212, 213; CH 201, 202, 203. Corequisite: BI 331L.

**BI 340 Introductory Ecology**

4 credits

Covers the interactions of organisms with their environments and each other, as well as population dynamics, biological communities, and ecosystem functions. Three lectures and one 3-hour laboratory. Prerequisites: BI 211, 212, 213, or ES 111, 112, 210. Corequisite: BI 340L.

**BI 341 Genetics**

4 credits

Includes classical and modern molecular analysis of the structure, function, and evolution of genes and genomes at the molecular, cellular, organismal, and population levels. Three lectures and one 3-hour laboratory. Prerequisite: BI 341. Corequisite: BI 341L.

**BI 342 Cell Biology**

4 credits

Examines cell and molecular biology with an emphasis on experimental cell biology. Three lectures and one 3-hour laboratory. Prerequisite: BI 341. Corequisite: BI 342L.

**BI 343 Developmental Biology**

4 credits

Covers descriptions and mechanisms of development in animals, plants, and protists. Includes differentiation, intercellular relations, regulatory substances, morphogenetic movements, and genetic regulation. Three lectures and one 3-hour laboratory. Prerequisites: BI 341 and 342. Corequisite: BI 343L.

**BI 351 Microbiology**

3 credits

Covers principles of microbiology and surveys microorganisms, including bacteria, fungi, protists, and viruses. Emphasizes organisms that significantly influence human health and

the environment. Three lectures. Approved for University Studies (Integration). Prerequisites: One year of biology and two terms of chemistry. Corequisite: BI 353.

**BI 353 Microbiology Laboratory**

3 credits

Includes an introduction to standard microbiology techniques, quantitative lab science, experimental design, and data analysis. One 1-hour lecture and two 2-hour laboratories. Corequisite: BI 351.

**BI 381 The New Sciences of Complexity**

4 credits

Introduces an array of topics currently becoming unified in the new interdisciplinary field of complex systems. Explores how a holistic systems approach and common analytical tools may be applied to such diverse areas as ecology, economics, genetics, physics, and social science to yield insights not obtained through a reductionist scientific approach. Topics include chaos, emergent properties, fractals, scaling, self-organization, feedback, and networks. The computer-based laboratory emphasizes emergent behavior of agent-based modeling simulations and visualization of other complex phenomena. Three lectures and one 3-hour laboratory. Does not fulfill biology major or minor requirements. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**BI 382 Biology and Society**

3 credits

Examines timely biological issues and their implications for human society. Students participate in and lead discussions on controversial topics such as genetic engineering, the biological basis of sexual orientation and race, biodiversity and threatened habitats, and biological warfare. Two 75-minute meetings per week and a community-based learning component. Does not fulfill biology major or minor requirements. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**BI 383 Science and Advocacy in Environmental Policy Debates**

3 credits

Explores the interactions of science and advocacy in the development of environmental policy. Investigates controversial environmental problems where science and advocacy are confounded and where the common good and special interests are difficult to discern. Students engage in dialogue based on analysis of case studies, including issues related to forest health, use of pesticides, resource development, global warming, and loss of biodiversity. Two 75-minute meetings. Does not fulfill biology major or minor requirements. Approved for University Studies (Synthesis). Prerequisite: Completion of all lower division University Studies requirements.

**BI 384 Ethnobotany and Cross-Cultural Communication**

3 credits

Explores cultural diversity in the human relationship with plants and the role of plants in diverse world views. Applications of medicinal and ceremonial plants in Native American, Ayurvedic, traditional Chinese, and other practices serve as a vehicle for interpreting how different cultures understand the human place in the cosmos. Examines the interaction of divergent world views through experiential cross-cultural communication against the backdrop of a pluralist philosophical framework and modern sciences. Two 75-minute meetings. Does not fulfill biology major or minor requirements. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**BI 385 Women in Science**

3 credits

Explores the past and current factors influencing women's scientific career choices and the success of women in various scientific disciplines. Examines the lives and contributions of notable and contemporary women in science from a variety of backgrounds and disciplines. Addresses the culture of science and the role of gender in scientific inquiry. Includes small group discussions focused on assigned readings and guest-speaker presentations from women scientists in academia, government, and industry. Two 75-minute meetings. Does not fulfill biology major or minor requirements. Approved for University Studies (Synthesis). Prerequisite: Completion of all lower division University Studies requirements.

**BI 386 Forest Ecology and Management**

3 credits

Introduces the principles of forestry, including the biology of forest ecosystems and the management of these landscapes for societal benefits. Topics include biodiversity, logging practices, fire suppression, sustainable forest management, forest economics, ecological principles, and biogeochemical cycles. Two 75-minute meetings and two weekend field trips. Does not fulfill biology major or minor requirements. Approved for University Studies (Integration). Prerequisites: Completion of all lower division University Studies requirements.

**BI 388 Conservation of Natural Resources**

4 credits

Explores the history, principles, and practices of natural resource use and abuse, particularly in the United States. Emphasizes understanding of scientific and ecological principles and economics as the basis of sustainable human development. Two 2-hour lectures and one field trip. Does not fulfill major or minor requirements. Approved for University Studies (Synthesis/Integration). Prerequisites: BI 101 and 102; or BI 101 and 103; or BI 211, 212; and completion of all lower division University Studies requirements.

**BI 399 Special Studies**

Credits to be arranged

**BI 401/501 Research**

Credits to be arranged

**BI 402 Capstone Research**

Credits to be arranged

**BI 403/503 Thesis**

Credits to be arranged

**BI 404 Capstone Thesis**

Credits to be arranged

**BI 405/505 Reading and Conference**

Credits to be arranged

**BI 407/507 Seminar**

Credits to be arranged

**BI 408/508 Workshop**

Credits to be arranged (maximum 6 undergraduate credits and 9 graduate credits)

**BI 409/509 Practicum**

Credits to be arranged (1 to 9 credits)

**BI 411/511 Special Topics**

Credits to be arranged

**BI 413/513 Physiological Ecology of Animals**

4 credits

Studies physiological adaptations from an ecological and evolutionary perspective. Covers patterns of resource allocation, optimality theory, and functional responses to environmental variation. Three lectures and one 3-hour laboratory. Prerequisite: BI 314 or 340. Corequisite: BI 413L/513L.

**BI 414/514 Advanced Animal Physiology**

4 credits

Continues Comparative Animal Physiology (BI 314). Topics include water balance and nerve, muscle, and endocrine functions. Emphasizes a comparative approach. Three lectures and one 3-hour laboratory. Prerequisite: BI 314. Corequisite: BI 414L/514L.

**BI 415/515 Mammalogy**

4 credits

Covers the ecology, behavior, adaptations, and identification of mammals. Three lectures, one 3-hour laboratory, and required weekend field trips. Prerequisite: BI 317. Corequisite: BI 415L/515L.

**BI 425/525 Molecular Biology**

4 credits

Surveys current topics in modern molecular biology and biotechnology, including gene expression and regulation, protein interaction, genomics, and signal transduction. Emphasizes laboratory experience and the application of techniques to selected experimental problems. Includes PCR-based techniques, cloning and sequencing of genes, mutation characterization, and interpretation of sequence data using bioinformatics databases and tools. Two lectures and two 3-hour laboratories. Prerequisites: BI 341; CH 332 or 335. Corequisite: BI 425L/525L.

**BI 430/530 Biological Illustration**

3 credits

Provides all-level sketching instruction and develops observational skills needed to produce accurate pencil and pen/ink drawings. Includes hands-on training in museum and

field-sketching procedures, as well as the use of hand lenses and microscopes. Provides an introduction to computer graphics. Explores and expands career capabilities and options in biology and environmental education. Includes preparation of artwork for actual publication. Two lectures and one 3-hour laboratory. Prerequisite: One year of biological science. Corequisite: BI 430L/530L.

**BI 432/532 Origins and Diversity of Land Plants**

4 credits

Studies the origins of terrestrial flora and the major adaptive radiations of both living and extinct embryophytes, ferns, seed plants, and flowering plants. Emphasizes observing and interpreting plant structure and life histories in the field. Includes advanced treatment of modern plant classifications as influenced by phylogenetic analysis of paleontological and molecular evidence. Students read scientific literature addressing current problems in plant phylogenetic systematics. Two 4-hour lecture/laboratory/field sessions and weekend field trips. Prerequisites: BI 211, 212, 213.

**BI 433/533 Plant Systematics**

4 credits

Includes the principles of plant classification, common plant families, and the collection and identification of Oregon plants. Two lectures and two 3-hour laboratories. Some Saturday field trips required. Prerequisites: BI 211, 212, 213.

**BI 434/534 Plant Form and Function**

4 credits

Examines the functional characteristics of vascular plants through the study of anatomy, morphology, and physiological ecology. Investigates the anatomical characteristics and physiological mechanisms that impact plant performance and survival, as well as adaptations to resource and environmental variation. Two 4-hour lecture/laboratory sessions. Prerequisites: BI 211, 212, 213.

**BI 436/536 Origins and Diversity of Protists and Fungi**

4 credits

Surveys morphology, lifecycles, microbial ecology, and evolutionary history in the diverse assemblage of organisms classified as algae and fungi. Focuses on symbiotic associations involving cyanobacteria, protists, and fungi, with an emphasis on lichens. Uses current scientific literature to explore both theoretical questions and practical applications of knowledge about these organisms to environmental problems, pathogens, and management of natural resources. Three lectures, one 3-hour laboratory, and weekend field trips. Prerequisites: BI 211, 212, 213. Corequisite: BI 436L/536L.

**BI 438/538 Conservation Biology**

3 credits

Covers ecological, evolutionary, and genetic principles relevant to the conservation of biological diversity. Includes habitat fragmentation, preserve design, the effects of disturbance on communities, introduced species, ecological

restoration, and policy making in conservation. Two 75-minute lectures. Prerequisite: BI 340.

**BI 442/542 Bryology**

4 credits

Examines the morphology, life histories, systematics, ecology, floristics, and biogeography of mosses, liverworts, and hornworts. Emphasizes methods of field study, survey and collection protocols, training in microtechnique and microscopy needed for laboratory procedures, and use of technical literature for identification. Two 4-hour lecture/laboratory sessions and weekend field trips. Prerequisites: BI 211, 212, 213.

**BI 444/544 Vascular Plant Identification and Field Botany**

3 credits

Intensive four-week summer field course covering identification of local flora using technical keys and descriptions. Emphasizes the recognition of common families, genera, and species of flowering plants, ferns, and conifers. Offered during Summer Session only. Two lectures, two 90-minute laboratory sessions, and four Saturday field trips. Prerequisites: BI 211, 212, 213. Corequisite: BI 444L/544L.

**BI 446/546 Evolution**

4 credits

Uses patterns and processes of evolutionary change as determined by mutation, selection, drift, and other mechanisms to explore the unifying principles of the biological sciences. Basic models of population genetics, phylogenetics, and systematics are used to build a conceptual framework for the study of living systems. Two 75-minute lectures and one 1-hour recitation. Prerequisite: BI 341. Corequisite: BI 446R/546R.

**BI 450/550 Fish and Fisheries**

4 credits

Analyzes the distribution, life histories, and ecology of freshwater fishes, as well as the methods used in the study and management of fish populations. Covers current issues in fisheries management. Three lectures and one 3-hour laboratory. Weekend field trips required. Prerequisite: BI 340. Corequisite: BI 450L/550L.

**BI 454/554 Plant Ecology**

4 credits

Examines the structure, methods of analysis, environmental relations, and dynamics of vegetation. Three hours of lecture and one 3-hour laboratory. Prerequisite: BI 340. Corequisite: BI 454L/554L.

**BI 456/556 Immunology**

4 credits

Studies the cellular and humoral mechanisms vertebrates use to defend themselves against infection. Emphasizes human immunology. Three lectures and one 3-hour laboratory. Prerequisites: BI 211, 212, 213. Corequisite: BI 456L/556L.

**BI 466/566 Entomology**

4 credits

Introduces the morphology, physiology, behavior, ecology, and classification of insects.

Includes local field trips to explore and collect insects in a variety of habitats. Two lectures and two 3-hour laboratories. Prerequisites: BI 211, 212, 213.

#### **BI 470/570 Herpetology**

4 credits

Explores the ecology, behavior, adaptations, and identification of reptiles and amphibians. Two lectures and one 5-hour laboratory. Weekend field trips required. Prerequisite: BI 317. Corequisite: BI 470L/570L.

#### **BI 471/571 Ornithology**

4 credits

Examines the diversity, origins of flight, structural and physiological adaptations, reproduction, migration, and other aspects of avian behavior and ecology. Includes fieldwork in visual and auditory recognition of birds and the study of their habits. Two lectures, one 4-hour laboratory, and field trips (including some on weekends). Prerequisite: BI 317. Corequisite: BI 471L/571L.

#### **BI 475/575 Aquatic Ecology**

4 credits

Explores the physical, chemical, and biological properties of freshwater environments. Emphasizes field sampling, laboratory analyses, and identification of major taxonomic and functional groups of aquatic organisms. Three lectures and one 3-hour laboratory. Weekend field trips required. Prerequisite: BI 340. Corequisite: BI 475L/575L.

#### **BI 480/580 Animal Behavior**

4 credits

Covers classical and current concepts and controversies regarding animal behavior, including individual and social behavioral patterns of vertebrates and invertebrates. Three lectures and one 3-hour laboratory. BI 317 recommended. Prerequisites: BI 211, 212, 213. Corequisite: BI 480L/580L.

#### **BI 485/585 Scanning Electron Microscopy**

4 credits

Explores the theory and practice of scanning electron microscopy, with emphasis on the preparation of biological materials. Two lectures and two 3-hour laboratories. Prerequisites: BI 211, 212, 213 and an additional year of upper division biological science. Corequisite: BI 485L/585L.

#### **BI 489 Senior Research Seminar**

1 credit

Planning seminar for senior research, to be taken spring term before the year of capstone completion. Students discuss options to complete senior research and develop a plan and an annotated bibliography. Required for graduation. Prerequisites: Junior standing in biology or instructor consent.

#### **BI 490 Senior Research in Organismal Biology**

3 credits

Topics may vary with instructor. Focuses on scientific inquiry related to organismal biology. Students conduct an independent literature re-

view and an experimental or observational investigation, write a scientific report, and deliver an oral presentation to faculty and peers. This course satisfies the biology capstone requirement. Prerequisites: Senior standing, MTH 243, and BI 314 or 331.

#### **BI 491 Senior Research in Cell and Molecular Biology**

3 credits

Topics may vary with instructor. Focuses on scientific inquiry related to cell or molecular biology. Students conduct an independent literature review and an experimental or observational investigation, write a scientific report, and deliver an oral presentation to faculty and peers. Satisfies the biology capstone requirement. Prerequisites: Senior standing, MTH 243, and BI 341.

#### **BI 492 Senior Research in Ecology and Evolutionary Biology**

3 credits

Topics may vary with instructor. Focuses on scientific inquiry related to ecology or evolution. Students conduct an independent literature review and an experimental or observational investigation, write a scientific report, and deliver an oral presentation to faculty and peers. Satisfies the biology capstone requirement. Prerequisites: Senior standing, MTH 243, and BI 340.

### **School of Business**

Central 141A

541-552-6484

sou.edu/business

David Harris, Dean

René Leo E. Ordoñez, Chair

Professors: Curtis J. Bacon, David Harris,

John Laughlin, René Leo E. Ordoñez,

Andy Dungan

Associate Professors: Al Case, Jon Harbaugh,

Charles Jaeger, Donna Lane, Joan McBee,

Katie Pittman, Mark Siders, Milan (Kip) Sigitich

Assistant Professor: Dennis Slattery

Senior Instructors: Susan Cain, John Kinard,

Steve Schein

### **Introduction**

SOU's School of Business is friendly enough to know your name, professional enough to attract quality students and faculty, and flexible enough to keep up with the dynamic demands the business world places on universities and students.

At SOU, we are changing the way we do business. The School of Business has heard the demand from employers for graduates who can write clearly, think critically, and work in groups that are aware of the social issues facing business here and abroad. We have been able to move quickly to meet this demand for several reasons:

1. Our small class sizes facilitate group work and discussion.
2. Our classrooms are well-equipped with complete multimedia capabilities.

3. Our faculty is well-educated, friendly, flexible, and dedicated to providing our students with the best possible education.

Our students don't sit back and watch the world go by. They bring to school an entrepreneurial attitude, to which we add a structure and a plan. In Orientation to the School of Business (BA 100), students are presented with a framework of the core business courses at the beginning of their business study. This course includes highlights of the important topics covered in each class, and students are encouraged to challenge faculty members to address these topics in a meaningful fashion. Students complete their business education with a comprehensive business plan as a capstone project. The plan clearly demonstrates the writing, thinking, social, and business skills students have acquired and refined while working in SOU's School of Business.

### **Mission**

The mission of the School of Business is to prepare students for challenging, socially responsible careers in a dynamic, globally competitive business environment. As part of a contemporary liberal arts and sciences university, the School of Business integrates a solid foundation in the liberal arts and sciences with the primary areas of business administration. The school emphasizes excellence in teaching, individual advising, and flexible course scheduling. Programs are readily accessible to students via the Internet and multiple locations. Small class sizes allow for significant interaction between professors and students. Elements essential to the mission include:

1. A coherent, integrated curriculum that emphasizes the increasingly global nature of the business environment, ethical conduct in business decision making, and technological competency.
2. A requirement that students show an ability to communicate in a clear, concise, and professional manner. These communication skills are demonstrated and refined through oral class presentations, written assignments, and a comprehensive business plan that serves as a senior capstone project.
3. A strong foundation in the liberal arts and sciences supplemented by a required non-business minor or liberal arts enrichment area or an approved SOU certificate.
4. A broad variety of related academic offerings, including five business options, four business co-majors, and six certificate programs.
5. A requirement that students earn internship credit or engage in practical undergraduate research, which is enhanced by ties between the School of Business and the community.
6. Programs that are accessible to all qualified students through on- and off-campus day and evening courses and a comprehensive degree completion program.

7. Faculty members who reflect a balance between theory and practice, teaching and research, and service to the University and the community.

## Degrees

### Undergraduate Degrees

BA or BS in Business Administration, with options in:

- Accounting
- Management
- Management of Aging Services
- Marketing
- Small Business Management
- Hospitality and Tourism Management

### Graduate Degrees

Master in Business Administration (MBA)

Master in Management (MiM)

### International Degrees

Hochschule Harz

HTW Saarlandes

### Co-Majors

Business-Chemistry

Business-Mathematics

Business-Physics

Music-Business

### Minors

Business Administration

Hospitality and Tourism Management

### Certificates

Postbaccalaureate Certificate in Accounting

Certificate in Applied Finance and Economics

Certificate in Business Information Systems

Certificate in Management of Human Resources

Certificate in Interactive Marketing and E-Commerce

Certificate in Nonprofit Management

### Accelerated Baccalaureate Degree Program

Business administration majors may participate in the Accelerated Baccalaureate Degree Program. This selective program enables students to complete a business degree in three years.

Please refer to the *Accelerated Baccalaureate Degree Program* section.

### Business Degree Completion Program

Joan McBee, Coordinator

The Business Degree Completion Program is designed for working people who have completed approximately two years of college coursework and who find it difficult to attend daytime classes at the Ashland campus. Classes are available in the evenings and on weekends in Medford and on the web. Students in this program may pursue a bachelor's degree in business administration with an option in management or accounting. For more information,

contact Joan McBee at 541-552-8151 or visit [sou.edu/degreecompletion](http://sou.edu/degreecompletion).

### Online Degree Completion Program

Joan McBee, Coordinator

The Online Degree Completion Program is designed for those who live outside of Ashland or who need additional flexibility in their schedule due to work and family responsibilities. The program offers upper division coursework needed for a bachelor of science degree in business administration with an option in management or accounting and a minor in psychology or criminology. Most lower division course requirements are not offered online at SOU and must be taken on campus or online elsewhere. Students are required to attend classes on campus twice during their program: in the fall for an orientation to the School of Business (BA 100) and at the end of their program for their senior capstone presentation (BA 499). For more information, contact Joan McBee at 541-552-8151 or visit [sou.edu/distancelearning](http://sou.edu/distancelearning).

In addition to the online bachelor's degree in business administration, students can also earn a postbaccalaureate certificate in nonprofit management. For more information about this program, see the *Certificates* section.

### Professional Certifications

Students may take coursework to prepare for a professional certification examination. In accounting, students may prepare for the Certified Public Accountant (CPA) Examination or the Certified Management Accountant (CMA) Examination. In management, coursework is available to prepare students for the Professional in Human Resources Certificate (PHR). SOU is also a Microsoft Office Specialist (MOS) Testing Center for students enrolled in BA 283, 383, or 384. Completion of a course of study to prepare for any certification does not guarantee receipt of the desired certificate, nor does the University offer any such assurance. Professional certification examinations in business are administered by the state of Oregon and various professional organizations.

### Teacher Licensing

Students who would like to teach business at the middle school or high school level in Oregon public schools must complete a bachelor's degree in business administration before applying for admission to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the department chair for an appropriate advisor and the School of Education regarding admission requirements for the MAT teacher education program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Practica, internships, and volunteer experiences in the public schools prior to application to the MAT program are required.

### Student Groups

The Accounting Students Association (ASA)

American Humanics Student Association (AHSA)

Association of Information Technology Professionals (AITP/IN~B.I.T.S.)

Hospitality and Tourism Association

Society of Human Resource Management (SHRM)

### Accreditation

The University is accredited by the Northwest Commission on Colleges and Universities.

### Facilities

The School of Business has equipped its classrooms with complete multimedia capabilities. The school's thirty-station microcomputer lab is available exclusively for classroom teaching and individual use by business administration majors. In addition, these students enjoy access to computers at the Computing Services Center and Hannon Library.

The school also houses a presentation room equipped with multimedia capabilities, including built-in microphones, surround sound, videotaping, and an electronic white board. The presentation room is not only technologically equipped, but it is also professionally designed and decorated.

### Degree Programs

Students who have been admitted to SOU may take any lower division (100- or 200-level) course in business administration if they have met the course prerequisites. Students who anticipate declaring a major in business are classified as premajors until they are admitted to the School of Business. All business premajors and majors should contact the School of Business office in CE 144 to secure a faculty advisor.

### Admission to the School of Business

Students who wish to take upper division (300-level or above) courses in business administration must first be admitted to the School of Business. For exceptions, see course descriptions and *Nonadmitted Status* (two sections below). Admission forms may be obtained from faculty advisors or the School of Business office in Central Hall 144.

### Transfer Students

Requirements for admission to the School of Business are the same for transfer students as they are for nontransfer students (see *Requirements for Admission* below).

Students planning to transfer to the School of Business should contact the school before registering for classes. An advisor can then help with first-term enrollment.

Business administration courses successfully completed at accredited two- or four-year institutions are accepted for transfer credit. However, courses that do not correspond with existing programs in the School of Business may not count toward the 52 credits of upper division business administration courses required for the degree.

Lower division transfer courses in business administration may not be substituted for up-

per division business administration courses without a formal agreement with the institution from which the credits are being transferred.

Once a student has been admitted to the SOU School of Business, transfer credits in business administration will not be accepted toward degree requirements without prior written approval from the student's faculty advisor.

#### Nonadmitted Status

Students in the following categories may take upper division courses in the SOU School of Business without being admitted to the school (provided they have met the prerequisites for the courses and obtained instructor consent):

1. students working toward co-major degrees in business;
2. non-business majors, including those working on a minor in business administration; and
3. students required to take specific business courses as part of a non-business major.

Some upper division courses may be taken without approval and formal admittance to the School of Business. See course descriptions for upper division business administration courses. Co-majors and computer information science (CIS) majors may obtain approval from their major advisors to take upper division courses in business administration.

#### Requirements for Admission to the School of Business

1. Complete the following non-business courses (some of these courses may also meet University Studies requirements):

University Seminar (USEM 101, 102, 103).....12  
Principles of Microeconomics (EC 201).....4  
Principles of Macroeconomics (EC 202).....4  
Elementary Statistics (MTH 243)  
(prerequisite for BA 282).....4  
At least one mathematics course at 100-level  
or above.....4

2. Complete lower division business core courses:

Business Computer Applications (BA 131)....4  
Orientation to the School of Business  
(BA 100).....1  
Accounting Information I (BA 211).....4  
Accounting Information II (BA 213).....4  
Business Law (BA 226).....4  
Applied Business Statistics (BA 282).....4

#### Requirements for the Major

1. Be admitted to the School of Business and complete all coursework associated with the requirements described above.

2. Complete upper division business core courses:

Principles of Marketing (BA 330).....4  
Principles of Management (BA 374).....4  
Operations Management (BA 380).....4  
Management Information Systems (BA 382).....4  
Principles of Finance (BA 385).....4  
Applied Business Research (BA 428) or  
Practicum (BA 409).....4  
Business Planning (BA 499).....4

3. Complete at least 24 credits of upper division business administration coursework for one of the following options: accounting; management; management of aging services; marketing; small business management; or hospitality and tourism management. Options are discussed below.

4. A minimum 2.5 GPA in SOU business courses is required for graduation.
5. Except for practica (BA 209 and 409), no lower division business administration core courses or upper division business administration courses may be taken P/NP.
6. Fulfill baccalaureate degree requirements as stated beginning on page 19.
7. Complete a total of 180 credits. Includes a minimum of 52 credits in upper division business administration.
8. Take at least 36 credits of upper division business administration courses at SOU.

#### Additional Requirements

All business administration majors are required to complete *one* of the following, in addition to the School of Business requirements:

1. A minor outside the School of Business
2. A Liberal Arts Enrichment Program area as listed
3. An approved SOU certificate
4. Participation in an SOU-approved study abroad program for a full academic year. (Coursework must be preapproved by the School of Business Study Abroad Advisor.) Students who participate in an SOU-approved study abroad program for a shorter period of time will receive credit toward the International Perspective or Cultural Diversity Liberal Arts Enrichment areas.

#### Options

Students must choose and complete one of the following six options:

##### 1. Accounting

Al Case, Coordinator  
casea@sou.edu  
541-552-6556

Students may select from one of two tracks:

##### TRACK I: PUBLIC ACCOUNTING

(36 credits)

Track I is for students interested in careers in any area of accounting: public, private, or government.

##### Required Courses (24 credits)

Intermediate Accounting I, II (BA 351, 352).....8  
Cost and Management Accounting (BA 451).....4  
Introduction to Taxation (BA 453).....4  
Accounting Information Systems (BA 454).....4  
Auditing I (BA 455).....4

The above courses are preparatory for students seeking a public accounting license. Since Oregon requires 225 credit hours for Certified Public Accountant (CPA) licensing, the follow-

ing courses are also recommended. Three of the following courses are also included in the required 36 credits:

Intermediate Accounting III (BA 353).....4  
Auditing II (BA 456).....4  
Advanced Taxation (BA 457).....4  
Advanced Accounting Topics I (BA 458).....4  
Advanced Accounting Topics II (BA 459).....4  
Nonprofit Accounting and Financial  
Management (BA 460).....4  
CPA Review (BA 465A, 465B).....4  
Corporate Law (BA 478).....4

#### TRACK II: MANAGEMENT ACCOUNTING (24 credits)

Track II is for students interested in accounting from a management and systems perspective. Students who would like to become Certified Public Accountants (CPAs) should see Track I.

##### Required Courses (16 credits)

Intermediate Accounting I, II (BA 351, 352).....8  
Cost and Management Accounting (BA 451).....4  
Accounting Information Systems (BA 454).....4

##### Additional courses

Select at least 8 credits from the following:  
Intermediate Accounting III (BA 353).....4  
Advanced Business Application of  
Databases (BA 384).....4  
Introduction to Taxation (BA 453).....4  
Nonprofit Accounting and Financial  
Management (BA 460).....4  
Business Information Systems Design (BA 484)....4  
Advanced Management Information  
Systems (BA 497).....4

#### 2. Hospitality and Tourism Management

Dennis Slattery, Coordinator  
541-552-6491  
slatterd@sou.edu

##### Required Courses (32 credits)

This option is designed to develop leaders and managers in the hospitality and tourism industry.  
Hospitality Essential Skills (BA 208).....2  
Hospitality Practicum (BA 209).....2  
Hotel and Motel Operations (BA 310).....4  
Food and Beverage Management (BA 311).....4  
Hospitality and Tourism Marketing (BA 312).....4  
Hospitality and Accounting Financial  
Management (BA 314).....4

Hospitality Practicum (BA 409).....4  
Hospitality and Management (BA 412).....4  
Applied Business Research (BA 428).....4

The BA 409 practicum, required as part of the upper division core of the business administration degree, must be approved by the hospitality program coordinator. BA 209 is a prerequisite for BA 409.

#### 3. Management

René Leo E. Ordoñez, Coordinator  
ordonez@sou.edu  
541-552-6720

##### (24 credits)

In addition to the two required courses in this option, students may select any combination of four additional business management courses. Students specializing in financial, operations, or human resource management should discuss this with an advisor to ensure they select four

courses that conform to their area of interest.

*Required Courses (8 credits)*

Business Policy and Strategy (BA 427).....	4
Business Ethics (BA 476) .....	4

*Electives (16 credits)*

Choose four of the following electives:

Business, Government, and Nonprofits (BA 320)....	4
Advanced Business Applications of Spreadsheets (BA 383) .....	4

Advanced Business Application of Databases (BA 384) .....	4
Seminar: Various Topics (BA 407).....	TBD

Nonprofit Grantwriting and Government Relations (BA 430A).....	2
Nonprofit Volunteerism, Board Development, and Community Mobilization (BA 430B).....	2

Sales Management (BA 434) .....	4
Marketing Channels Management and Pricing Strategy (BA 441).....	4

Nonprofit Accounting and Financial Management (BA 460).....	4
Financial Markets and Institutions (BA 470).....	4

Financial Management (BA 471).....	4
Investments (BA 472).....	4

International Financial Management (BA 473).....	4
Organizational Behavior (BA 475) .....	4

International Business (BA 477) .....	4
Corporate Law (BA 478).....	4

Small Business Start-up and Management (BA 479).....	4
Nonprofit Theory and Leadership (BA 480).....	4

Principles of Human Resource Management (BA 481).....	4
Labor Relations (BA 482).....	4

Business Information Systems (BA 484) .....	4
Compensation Management (BA 485) .....	4

Personnel Selection and Appraisal (BA 486) .....	4
Health, Safety, and Risk Management (BA 487)....	4

Fundamentals of Project Management (BA 488) ...	4
Advanced Management Information Systems (BA 497).....	4

Women's Issues in Management (BA 498).....	4
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**4. Management of Aging Services**

Curt Bacon, Coordinator

541-552-6487

bacon@sou.edu

This option is designed for students planning a career in the retirement industry, providing a management perspective with application to a broad range of industry issues.

*Required Courses (26 credits)*

Management of Aging Services Overview (BA 300) .....	4
Special Topics in Management of Aging Services (BA 306).....	2

Organizational Management of Aging Services (BA 400).....	2
Management of Aging Services Operations (BA 406) .....	2

Trends and Research in Aging Services (BA 420)....	2
Financial Management of Aging Services (BA 422) .....	2

Marketing of Aging Services (BA 424) .....	2
Development and Construction in Aging Services (BA 426).....	2

Psychology of Aging (PSY 466) .....	4
Death and Dying (PSY 467) .....	4

**5. Marketing**

Mark Siders, Coordinator

541-552-6709

sidersm@sou.edu

(24 credits)

*Required Courses (12 credits)*

Promotion Policy (BA 332).....	4
Marketing Channels Management and Pricing Strategy (BA 441).....	4

Product Policy (BA 444).....	4
<i>Elective Courses (12 credits)</i>	

Choose three of the following electives:

Consumer Motivation and Behavior (BA 331).....	4
Sales Management (BA 434) .....	4

Direct Marketing (BA 435).....	4
Internet Marketing and E-Commerce (BA 436) ....	4

Business Marketing (BA 445).....	4
Retail Management (BA 446).....	4

International Marketing (BA 447) .....	4
Small Business Start-up and Management (BA 479) .....	4

**6. Small Business Management**

Donna Lane, Coordinator

541-552-8203

laned@sou.edu

(24 credits)

Students who will be working in the small business environment need a broad range of functional skills. This concentration requires two small business capstone courses and a selection of upper division accounting, management, and marketing courses.

*Required Courses (8 credits)*

Business Policy and Strategy (BA 427).....	4
Small Business Start-up and Management (BA 479) .....	4

*Elective Courses (16 credits from at least two areas)*

Accounting Area (0-8 credits)

Cost and Management Accounting (BA 451).....	4
Introduction to Taxation (BA 453).....	4

Accounting Information Systems (BA 454) .....	4
Management Area (0-8 credits)	

Advanced Business Application of Databases (BA 384) .....

Hospitality Law and Management (BA 412).....	4
Corporate Law (BA 478) .....	4

Principles of Human Resource Management (BA 481) .....	4
Personnel Selection and Appraisal (BA 486) .....	4

Marketing Area (8-12 credits)	
Promotion Policy (BA 332).....	4

Direct Marketing (BA 435) .....	4
Internet Marketing and E-Commerce (BA 436) ....	4

Marketing Channels Management and Pricing Strategy (BA 441) .....	4
Business Marketing (BA 445) .....	4

Retail Management (BA 446) .....	4
In addition, a maximum of 4 credits of BA 401, 407, or 409 may be used if approved by the Small Business Management Coordinator.	

**SAMPLE CURRICULUM PRE-BUSINESS ADMINISTRATION MAJOR**

(181 credits)

Credits by Term

First Year	F	W	S
University Seminar	4	4	4
Math	0	0	4
University Studies	4	4	0
Micro and Macroeconomics	0	4	4
Business Computer Apps.	4	0	0
Minor or elective courses	0	4	4
Orientation to the School of Bus.	1	0	0
Total credits by term	13	16	16

**SAMPLE CURRICULUM BUSINESS ADMINISTRATION MAJOR**

Credits by Term

Second Year	F	W	S
Principles of Accounting	0	4	4
Elementary Statistics	4	0	0
Applied Business Statistics	0	4	0
University Studies	4	4	0
Business Law	0	0	4
Minor courses	4	4	4
Free elective courses	4	0	4
Total credits by term	16	16	16

Credits by Term

Fourth Year	F	W	S
Upper division BA courses	8	8	8
Internship or Business Research	4	0	0
Business Planning	0	4	0
Minor or free elective courses	4	4	4
Total credits by term	16	16	12

Many students choose to study abroad for a term or more during their junior or senior year. See an advisor to determine how international study will work best for you.

**Liberal Arts Enrichment Program**

In place of a non-business minor, an approved certificate, or a one-year study abroad program, a student may select a pre-approved interdepartmental course grouping with at least 24 credits, including at least 12 credits of upper division coursework drawn from one of the school's established course grouping lists. Courses taken for University Studies may also be counted toward this requirement.

School of Business students who participate in an SOU-approved study abroad program may receive credit toward the International Perspective Enrichment Area or Cultural Diversity Enrichment Area if they are enrolled fulltime in courses that are pre-approved by the School of Business international study advisor.

Following are the four approved enrichment groupings:

**INTERNATIONAL PERSPECTIVE ENRICHMENT AREA**

This area is for students interested in expanding their understanding of other regions and cultures.

**Required Courses (8 credits)**

Communication Across Cultures (COMM 200)..... 4

World Politics (IS/PS 350)..... 4

**Electives**

Select at least 16 credits from the following:

Alternative Versions of Capitalism (EC 350)..... 4

History of Latin America (HST 351, 352)..... 4-8

International Scene (IS 250) ..... 4

Introduction to the International

Economy (IS 320)..... 4

Culture, Identity, and Communication

(COMM 460) ..... 4

Sociology of Globalization (SOC 345) ..... 4

Other courses may be approved by an advisor.

**CULTURAL DIVERSITY ENRICHMENT AREA**

This area is for students wishing to increase their knowledge and understanding of ethnic groups and women in the United States.

**Required Courses (8 credits)**

The Sociological Imagination (SOC 204) ..... 4

Cultural Anthropology: Perspectives on Humanity (ANTH 213) ..... 4

**Electives**

Select at least 16 credits from the following:

Women in Society: Introduction to Women's Studies (WS 201)..... 4

Social Problems and Policy (SOC 205)..... 4

American Culture (ANTH 310)..... 4

Cultures of the World (ANTH 319) ..... 4

Racial and Ethnic Relations (SOC 337) ..... 4

Contemporary Issues in Native North

America (SOC 338)..... 4

Psychology of Women (PSY 492) ..... 4

Pacific Cultures (ANTH 317)..... 4

Native North America (ANTH 318) ..... 4

Other courses may be approved by an advisor.

**LANGUAGE AND CULTURE ENRICHMENT AREA**

This area is for students interested in acquiring conversational language skills and learning about a different culture. The requirements below must be attained in one language. A student's first language may not be used. (Note: If a required 201, 202, or 203 class is waived by your language placement exam, you may substitute an approved upper division course in that language in order to complete the required 24 credits.)

French: Complete FR 201, 202, 203 and a minimum of 12 approved upper division credits in French..... 24

German: Complete GL 201, 202, 203 and a minimum of 12 approved upper division credits in German..... 24

Spanish: Complete SPAN 201, 202, 203 and a minimum of 12 approved upper division credits in Spanish. .... 24

**MARKETING COMMUNICATION ENRICHMENT AREA**

This area is for students wishing to increase their communication knowledge and skills.

**Lower Division Courses**

Select three of the following:

Interpersonal Communication (COMM 125)..... 4

Public Speaking (COMM 210)..... 4

Small Group Communication (COMM 225)..... 4

Introduction to Photography (ART 240)..... 4

Introduction to Graphic Design (ART 144) ..... 4

Creative Writing (WR 241, 242)..... 4 each

**Upper Division Courses**

Select four of the following:

Advanced Public Speaking (COMM 310)..... 4

Interviewing and Listening (COMM 330) ..... 4

Persuasion (COMM 342)..... 4

Gender and Human Communication

(COMM 425) ..... 4

International Communication (COMM 441)..... 4

Conflict Resolution (COMM 455) ..... 4

Gender, Race, and Media (COMM 470) ..... 4

History of Mass Media (COMM 471)..... 4

Organizational Communication (COMM 475) ..... 4

Mass Media Law (COMM 481) ..... 4

Mass Media Ethics (COMM 491) ..... 4

Other courses may be approved by an advisor.

**International Dual Degrees**

Donna Lane, Coordinator

laned@sou.edu

541-552-8203

Students in this program earn both a business degree from SOU and a degree from one of our partner universities in Germany (Hochschule Harz or HTW Saarlandes). The program of study can be completed in four years, with a year of study at one of the German universities during the student's junior or senior year. Business classes are taught in English.

**Co-Major Degrees**

Four co-major baccalaureate degrees provide in-depth coursework in business and another discipline without the more extensive requirements involved in obtaining a degree in each discipline.

**BUSINESS-CHEMISTRY**Jon Harbaugh (Business) 541-552-6721,  
harbaugh@sou.eduSteven Petrovic (Chemistry) 541-552-6803,  
petrovic@sou.edu**BUSINESS-MATHEMATICS**Curtis J. Bacon (Business) 541-552-6487,  
bacon@sou.eduDusty Sabo (Mathematics) 541-552-6145,  
sabo@sou.edu**BUSINESS-PHYSICS**Jon Harbaugh (Business) 541-552-6721,  
harbaugh@sou.eduPanos Photinos (Physics) 541-552-6475,  
photinos@sou.edu**MUSIC-BUSINESS**Curtis J. Bacon (Business) 541-552-6487,  
bacon@sou.eduTerry Longshore (Music) 541-552-6548,  
longshore@sou.eduFor more information on a co-major, see the individual program listing in *Undergraduate Programs*.**Minors****BUSINESS ADMINISTRATION**

Mark Siders, Coordinator

541-552-6709

sidersm@sou.edu

(24 credits)

This minor is intended to give students majoring in other disciplines an understanding of the primary functions within a business. Students enrolling in the minor are expected to be computer literate (CS 115 or BA 131) and to have completed an introductory statistics course. While not required, students minoring in business are encouraged to also have a School of Business advisor. A minimum 2.5 GPA in SOU business administration courses is required.

**Required Courses (16 credits)**

Accounting Information I (BA 211)..... 4

Accounting Information II (BA 213) ..... 4

Principles of Marketing (BA 330) ..... 4

Principles of Management (BA 374) ..... 4

**Elective Courses (8 credits)**

Choose two approved upper division business administration courses.

**HOSPITALITY AND TOURISM MANAGEMENT**

Dennis Slattery, Coordinator

541-552-6491

slatterd@sou.edu

(24 credits)

This minor is intended for students who have a strong interest in the hospitality industry but are majoring in other disciplines. Students enrolling in the minor are expected to be computer literate and to have completed an introductory statistics course. A minimum 2.5 GPA in SOU business administration courses is required.

**Required Courses (24 credits)**

Accounting Information I (BA 211)..... 4

Accounting Information II (BA 213) ..... 4

Hotel and Motel Operations (BA 310) ..... 4

Food and Beverage Management (BA 311) ..... 4

Hospitality and Tourism Marketing (BA 312)..... 4

Business elective (requires hospitality coordinator approval) ..... 4

**Certificates****Postbaccalaureate Certificate in Accounting**

The Postbaccalaureate Certificate in Accounting is for students with a baccalaureate degree who wish to complete coursework to prepare for the Certified Public Accountant (CPA) or other certification examinations in accounting. The Certificate in Accounting program has been developed for a variety of career objectives, including CPA, CMA, and government and industrial accounting.

Please refer to the *Postbaccalaureate Certificate in Accounting*.**Other Certificates**

Students seeking the following certificates must meet certificate requirements and hold a bachelor's degree or meet SOU requirements for a BA or BS degree.

**Certificate in Applied Finance and Economics**

The Certificate in Applied Finance and Economics (CAFE) is offered jointly by the School of Business and the economics program. The CAFE is open to all students. In size and scope, the certificate is between a minor and a major.

Please refer to the *Certificate in Applied Finance and Economics*.

**Certificate in Business Information Systems**

The Certificate in Business Information Systems (CBIS) is offered jointly by the School of Business and the Computer Science Department. The program is open to all students. In size and scope, the certificate is between minor and a major.

Please refer to the *Certificate in Business Information Systems*.

**Certificate in Management of Human Resources**

The School of Business, the Department of Psychology, and the Department of Communication collaboratively offer the Certificate in Management of Human Resources (CMHR).

Please refer to the *Certificate in Management of Human Resources*.

**Certificate in Interactive Marketing and E-Commerce**

The School of Business, Department of Computer Science, Department of Art and Art History, and Applied Multimedia Program collaboratively offer the Certificate in Interactive Marketing and E-Commerce (CIMeC). The program is open to anyone with an interest in the new technologies that are personalizing the marketing of many products and services through direct-response advertising, direct mail, and the Internet. This certificate is designed to help students and working professionals obtain the skills needed to bridge the gap between marketing and information technology departments in this new environment.

Please refer to the *Certificate in Interactive Marketing and E-Commerce*.

**Certificate in Nonprofit Management**

The Certificate in Nonprofit Management is a cross-disciplinary program open to all students. Building on the education obtained through their majors, students acquire the additional knowledge they need to enter management positions within nonprofit organizations.

Please refer to the *Postbaccalaureate Certificate in Nonprofit Management*.

**Business Administration Courses****LOWER DIVISION COURSES****BA 100 Orientation to the School of Business**

1 credit

Presents an overview of business principles. Identifies and demonstrates the points at which students will gain particular knowledge during their business education. Introduces the School of Business concentrations, core class topics and objectives, writing and presentation standards, the business plan capstone, and the faculty. Required business core course to be taken in the freshman year.

**BA 110 Business, Government, and Society**

4 credits

Surveys the interrelationships between business, government, and society and how they affect individuals and managers. Explores how societal conditions are continually altered by historical forces reshaping the economic, cultural, political, technological, and ecological terrain on which individuals and managers operate, as well as the force of the stakeholders, who are increasingly challenging traditional ideas about organizational ethics and social responsibility. Approved for University Studies (Explorations).

**BA 131 Business Computer Applications**

4 credits

Introduces students to basic computer concepts, software applications, and hardware processing. Students acquire basic competency by using microcomputer applications in operating environments, word processing, spreadsheets, and presentation software. Instruction methods include lecture, demonstration, and hands-on application. Required business core course to be taken in the freshman year.

**BA 199 Special Studies**

Credits to be arranged

**BA 208 Hospitality Essential Skills**

2 credits

Introduces students to a wide variety of career opportunities available in the hospitality and tourism industry. Students are introduced to kitchen management, food and beverage service techniques, and effective working practices in the service environment.

**BA 209 Practicum**

Credits to be arranged

**BA 211, 213 Accounting Information I, II**

4 credits each

Examines the uses of fundamental accounting information for both internal and external economic decision making. Students consider financial and managerial accounting concepts from the perspectives of owners, managers, creditors, and investors. Prerequisite for BA 211: BA 131. Prerequisite for BA 213: BA 211.

**BA 226 Business Law**

4 credits

Examines the fundamental subject areas of tort liabilities (both personal and property damage), contracts, and cyberlaw from both business and consumer viewpoints. The investigation of torts addresses negligence, warranty (when purchasing items), and product liability theories, with the typical defenses that are made. The coverage of general contract law is oriented toward analyzing whether or not deals are legally valid. The cyberlaw areas addressed cover basic principles of Internet law and their application.

**BA 282 Applied Business Statistics**

4 credits

Covers statistical techniques and concepts used in analyzing collected data or predicting future business outcomes. Stresses an understanding and application of hypothesis testing, regres-

sion, time series, chi square, and other nonparametric techniques. The case method is used to apply statistical techniques to business data incorporating computer analysis. Prerequisite: MTH 243.

**BA 283 Advanced Business Applications of Word Processing and Electronic Presentations**

4 credits

Advanced course covering all aspects of word processing and presentations, including creating and formatting paragraphs and pages, complex tables, styles and templates, envelopes and labels, outlines, drawing tools, and professional-looking presentations. Prerequisite: BA 131 or CS 115.

**UPPER DIVISION COURSES****BA 300 Management of Aging Services**

4 credits

Provides an overview of the business aspects of the aging services industry (development, marketing, construction, operations, human resources, legal, and financial management). Explores management of various industry segments (CCRC, Independent, Assisted/Residential Living, Skilled Nursing, Memory/Dementia Care, Home Health, HUD/Affordable House, etc.) and the broad range of services they provide.

**BA 306 Special Topics in Management of Aging Services**

2 credits

Addresses various aging services topics in a seminar setting. Possible topics include (but are not limited to) Operational Challenges, Customer Service, Financial Performance, Technological Advances, Alternative Approaches, and Research. Course may be repeated for credit on a different topic. Prerequisite: Program coordinator consent.

**BA 310 Hotel and Motel Operations**

4 credits

Explores the organization and operations of hotels and their various departments, with emphasis on the techniques and tools of management. Introduces students to technology-based property management systems and their application to hotels.

**BA 311 Food and Beverage Management**

4 credits

Focuses on the principles of food and beverage management, from concept to operation. Provides a detailed overview of the components of food service systems, including purchasing, menu-planning, production, service, sanitation, cost controls, and quality assurance.

**BA 312 Hospitality and Tourism Marketing**

4 credits

Focuses on how the special nature of service affects the development of marketing strategies in hospitality and tourism organizations. Emphasizes key variables in corporate and property-level management and their proper application to developing strategic and marketing plans.

<b>BA 314 Hospitality Accounting and Financial Management</b> 4 credits Applies accounting principles and practices to the hospitality industry. Emphasizes reading and analyzing profit and loss statements. Discusses current trends in the accounting and financial sectors of the hospitality industry. Prerequisites: BA 211, 213.	<b>BA 351, 352, 353 Intermediate Accounting I, II, III</b> 4 credits each Provides a comprehensive study of generally accepted accounting principles and conventional procedures for the measurement of income and the presentation of financial data. Emphasizes accounting theory, significant business transactions, and the preparation of general-purpose financial statements. Courses must be taken in sequence. Open to nonadmitted students. Prerequisite for BA 351: BA 211. Prerequisites for BA 352 and 353: BA 211, 213, and 351.	<b>BA 385 Principles of Finance</b> 4 credits Presents the fundamentals of time-value-of-money and the application of net present value decision-making techniques. Topics may include the valuation of stocks and bonds, capital budgeting, the principles of risk and return, and the cost of capital and capital structure.
<b>BA 320 Business, Government, and Nonprofits</b> 4 credits Examines the underlying principles, values, and prescribed role of the for-profit sector, the public sector, and the nonprofit sector primarily in American society. The sector the organization resides in affects how an organization acts, responds, creates relationships, and uses resources. Explores the coordination, cooperation, collaboration, and necessary relationships among the sectors. Approved for University Studies (Synthesis). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with PS 321.)	<b>BA 374 Principles of Management</b> 4 credits Provides an introductory survey of management principles. Students develop an understanding of all managerial types: domestic and international, public and private, small and large. Applies a systems approach to the managerial functions of planning, leading, organizing, controlling, and staffing.	<b>BA 399 Special Studies</b> Credits to be arranged
<b>BA 324 Business Communication</b> 4 credits Provides guided practice in written and oral communication common to business, industry, and related professions. Develops critical awareness of proper editing, professionalism, critical thinking, problem solving, and the skills necessary for effective correspondence in the workplace. Close attention is given to logical development, style, and format. Skills and knowledge are appropriate for academic and professional work.	<b>BA 380 Operations Management</b> 4 credits Studies service and manufacturing industries, with an emphasis on management applications. Students use computers for problem solving when applicable. Topics include quality concepts, just-in-time, productivity, product design, scheduling, forecasting, capacity planning, facility layout, work measurement and design, and materials requirements planning. Prerequisite: MTH 243.	<b>BA 400/500 Organizational Management of Aging Services</b> 2 credits Covers the organizational management techniques specific to aging services. Explores the needs and demands of the senior population in regard to regulations, ethics, quality, and delivery of services for each industry segment and level of care. Case studies focus on the needs of seniors with limited health, poor cognitive function, and low income. Prerequisites: BA 300 and 374 or instructor consent.
<b>BA 330 Principles of Marketing</b> 4 credits Introduces the establishment of a specific target market and the subsequent development of a product or service, pricing strategies, promotional strategies, and channels of distribution designed to satisfy the needs of the market.	<b>BA 382 Management Information Systems</b> 4 credits Applies information science to business problem topics, including basic information system design and database concepts, information economics and decision making, systems management, and strategic issues. The case method is used to develop analytical and presentation skills in information systems topics. Participants should be familiar with basic computer applications.	<b>BA 405/505 Reading and Conference</b> Credits to be arranged Supervised work in some field of special application and interest. Subject must be approved by the faculty member in charge. Prerequisite: Instructor consent.
<b>BA 331 Consumer Motivation and Behavior</b> 4 credits Applies psychological, sociological, and business principles to the explanation of consumer behavior. Explains the marketing strategy plan through examination of motivation, perception, and learning principles. Discusses consumer behavior case problems. Prerequisite: BA 330.	<b>BA 383 Advanced Business Application of Spreadsheets</b> 4 credits Advanced course covering all aspects of spreadsheets, including entering formulas; working with functions, formats, styles, and templates; creating and modifying charts; using spreadsheets as databases; creating pivot tables; recording macros; and using auditing and collaborative tools. Prerequisite: BA 131 or CS 115.	<b>BA 406/506 Management of Aging Services Operations</b> 2 credits Provides an in-depth study of operations management for the aging services industry. Areas of study include budget and financial management, dining and dietary services, resident and pastoral services, facility and environmental management, health services, wellness recreation, and marketing. Prerequisite: BA 300 and 380 or instructor consent.
<b>BA 332 Promotion Policy</b> 4 credits Addresses advertising and promotion from the viewpoint of influential beliefs, attitudes, intentions, and behavior. Covers advertising and promotions, personal sales, public relations, publicity, and other communication tools. Examines television, radio, newspapers, magazines, out-of-home, direct mail, and interactive media, including the Internet. Uses practical exercises for planning and designing an integrated marketing campaign using multiple media. Students are given opportunities to make managerial decisions about how to communicate with consumers. Prerequisite: BA 330.	<b>BA 384 Advanced Business Application of Databases</b> 4 credits Advanced course in all aspects of databases, including creating a database; entering and editing data; creating queries, forms, and reports; and automating a database with macros. Prerequisite: BA 382.	<b>BA 407/507 Seminar</b> Credits to be arranged <b>BA 409/509 Practicum</b> Credits to be arranged Usually taken in the senior year. Requires a cumulative 2.5 GPA or higher in SOU business administration courses.
		<b>BA 410/510 Special Topics</b> 1 to 2 credits
		<b>BA 412 Hospitality Law and Management</b> 4 credits Covers current management issues challenging the hospitality industry. Discusses techniques to deliver outstanding customer service in a fast-paced environment, as well as techniques for recruiting and retaining employees. Addresses legal issues confronting the hospitality industry. Prerequisites: BA 310, 311, 312, 314.
		<b>BA 420/520 Trends and Research in Aging Services</b> 2 credits Explores specialized or emerging trends and innovative services and technologies that have or will substantially alter the management and

service provided to the aging population. Prerequisite: BA 374.

**BA 422/522 Financial Management of Aging Services**

2 credits

Provides an overview of financial management and accounting within the aging services industry. Explores the various financing services available to seniors (public resources, private payment, and insurance), as well as financial and operational performance ratios, budget planning, capital planning, projections, and how each affects the overall aging services operation. Prerequisite: BA 385.

**BA 424/524 Marketing of Aging Services**

2 credits

Provides an overview of marketing research, developments, and strategies related to aging services customers. Students learn how to identify the market needs and demands of products and services available in the industry and gain an understanding of different market demographics and how to correlate product, services, and price to each specific target market. Prerequisite: BA 330.

**BA 426/526 Development and Construction of Aging Services**

2 credits

Provides an overview of how identified needs are translated into products and services. Students learn the steps required to develop and construct various kinds of long-term care facilities or programs. Attention is given to the development of tasks, including (but not limited to) design plans, permits, and financing. Prerequisite: BA 374.

**BA 427 Business Policy and Strategy**

4 credits

Comprehensive concluding course for all management students. Presents the basic processes required to analyze, plan, and implement business strategy in a competitive market system. Emphasizes the development of skills for integrating complex data into a plan of action used to direct a firm. Concepts learned in management, marketing, operations management, finance, accounting, and economics courses are used to analyze case studies and development plans. Prerequisites: BA 330, 374, 380, 382, 385.

**BA 428 Applied Business Research**

4 credits

Analyzes decision-making tools and research methodology in retail, service, community, and industry. Students apply research methods and procedures, problem identification, data collection, data analysis, and recommended solutions to real organizational situations and projects.

**BA 430A Nonprofit Grantwriting and Government Relations**

2 credits

Surveys a nonprofit manager's primary areas of responsibility, including strategic planning, organizational change and development, locating and securing grants, and developing outcome-based assessment tools. Emphasizes assessing and evaluating grants-based programs. (Cross-listed with MM 530A and PS 430A/530A.)

**BA 430B Nonprofit Volunteerism, Board Development, and Community Mobilization**

2 credits

Surveys the nonprofit manager's areas of responsibility in leading volunteers, volunteer management, and board development and management. Emphasizes the importance of strategically mobilizing community involvement. (Cross-listed with MM 530B and PS 430B/530B.)

**BA 434/534 Sales Management**

4 credits

Explores the activities involved in managing a sales force. Includes recruiting, selection, training, compensation, supervision, and motivation. Planning areas comprise forecasting, budgeting, and territories. Also examines sales analysis and control. Prerequisite: BA 330 or instructor consent.

**BA 435/535 Direct Marketing**

4 credits

Advanced course in techniques and practices of one-to-one marketing to end-user consumers and businesses, including catalog, telemarketing, and direct mail. Includes Customer Relationship Management (CRM), advertising, database management, distribution or fulfillment, and measurements of performance and customer value. Also covers direct marketing for nonprofit organizations. Uses local direct marketing companies as examples. Open to nonadmitted business students and non-business majors. Applies to the Certificate in Interactive Marketing and E-Commerce (CIMeC). Prerequisite: BA 330 or instructor consent.

**BA 436/536 Internet Marketing and E-Commerce**

4 credits

Advanced course in marketing goods and services in cyberspace. Extends the database development and relationship marketing skills taught in BA 435 to e-commerce and the Internet. Subjects include the increasing trend toward one-to-one marketing, Internet infrastructure, digital technology, the potential for building powerful online communities, personalization, online advertising, brand-building, product development, online pricing, customer support, transaction processing, and fulfillment. Uses local Internet marketing companies and dotcom cases as examples. Open to nonadmitted business students and non-business majors. Applies to the Certificate in Interactive Marketing and E-Commerce (CIMeC). Prerequisites: BA 330 and 435 or instructor consent.

**BA 441/541 Marketing Channels Management and Pricing Strategy**

4 credits

Covers the formulation of channel objectives and strategies, along with the appropriate tactics, policies, and practices. Emphasizes factors to consider when choosing channel intermediaries and the elements involved in an effective physical distribution system. Addresses marketing functions commonly assigned to or shared with intermediaries and issues pertaining to inventory distribution and control, order

processing, customer service, and the establishment of cost-effective transportation systems. Pricing strategy includes the rationale for setting prices for products at all points in the product life cycle. Includes analysis of discount strategies. Particular emphasis is on a total system approach viewed from a managerial perspective with practical business applications. Prerequisite: BA 330.

**BA 444/544 Product Policy**

4 credits

Analyzes the processes, organizational interactions, and strategic concepts governing the development of new products and services. Involves the formation of rough ideas through market and financial analysis for the development and marketing of a product. Includes strategies and tactics for managing products over the entire lifecycle. Prerequisite: BA 330.

**BA 445/545 Business Marketing**

4 credits

Examines the significant differences between marketing to industrial organizations and consumer retailing. Focuses on industrial buying practices, market segmentation techniques, formation of an effective marketing mix, and the impact of technology and innovation on marketing strategy. Prerequisite: BA 330.

**BA 446/546 Retail Management**

4 credits

Examines market strategy planning for retail management. Major emphasis is on small- to medium-sized retail business plans. Discusses retail management case problems. Prerequisites: BA 330.

**BA 447/547 International Marketing**

4 credits

Examines the managerial marketing policies and practices of firms marketing their products and services in foreign countries. Provides an analytical survey of institutions, functions, policies, and practices in international marketing. Emphasizes marketing activities as they relate to market structure and the marketing environment. Prerequisite: BA 330.

**BA 448/548 Mediation and Conflict Management**

4 credits

Introduces students to the fundamental concepts and theories of dispute resolution and assists them in developing the basic skills and knowledge for productively managing their own and intervening in others' disputes. Class time consists primarily of practice and roleplay, as well as lecture, lecture-discussion, and coaching by professional mediators. Certificate of completion provided with successful completion of the course. Cross-listed in other departments. Additional fees/tuition may apply.

**BA 451/551 Cost and Management Accounting**

4 credits

A comprehensive study of the development, presentation, and interpretation of cost information for management. Emphasizes cost behavior and control, standard costs, and cost accounting systems. Prerequisite: BA 213.

**BA 453/553 Introduction to Taxation**

4 credits

Provides an overview of federal taxation. Emphasizes the taxation of individuals and sole proprietorships.

**BA 454/554 Accounting Information Systems**

4 credits

Examines systems used for the accumulation, classification, processing, analysis, and reporting of accounting data, including the controls necessary for information security, data integrity, and system auditability. Extensive use of computer applications. Prerequisite: BA 351.

**BA 455/555 Auditing I**

4 credits

Studies the auditing theory and standards followed by certified public accountants when examining the financial statements of business organizations. Covers the environment, objectives, and professional nature of auditing and the concepts of testing, sampling, evidence collection, and reporting. Prerequisite: BA 454.

**BA 456/556 Auditing II**

4 credits

Continues the study of auditing theory and standards. Includes practical application of auditing concepts and procedures; preparation of audit programs, work papers, and reports; and computerized applications for the examination of financial statements. Prerequisite: BA 455/555.

**BA 457/557 Advanced Taxation**

4 credits

Expands students' knowledge of federal taxation, with emphasis on the taxation of business enterprises. Covers tax reporting, as well as planning and research in the areas of corporate, partnership, estate, and gift taxation.

**BA 458/558 Advanced Accounting Topics I**

4 credits

Emphasizes accounting for mergers and acquisitions and the preparation of consolidated financial statements. Also includes segment and interim financial reporting. Prerequisite: BA 351.

**BA 459/559 Advanced Accounting Topics II**

4 credits

Topics include international accounting and the global economy, accounting for foreign currency transactions, governmental accounting, and accounting for partnerships and other entities. Prerequisites: BA 351, 352.

**BA 460/560 Nonprofit Accounting and Financial Management**

4 credits

Focuses on the theory and practice of accounting and financial management for not-for-profit organizations. Helps students learn about the nature and responsibilities of financial management in the nonprofit sector. Studies accrual, modified accrual, and cash-basis accounting systems, as well as the use of fund accounting. Emphasizes understanding and interpretation of nonprofit financial statements, risk management, the art of building budgets, and the importance of financials in managing an organization and nonprofit board. Open to all majors.

**BA 465A/565A CPA Review: Financial and Auditing**

2 credits

Reviews the information found on two parts of the CPA exam. Emphasizes learning through preparation and practice. The instructor will be available to answer questions, work through problems, explain solutions, and provide hints as to the best method to approach certain questions. Prerequisites: BA 351, 352 and 455.

**BA 465B/565B CPA Review: Business and Regulation**

2 credits

Reviews the information found on two parts of the CPA exam. Emphasizes learning through preparation and practice. The instructor will be available to answer questions, work through problems, explain solutions, and provide hints as to the best method to approach certain questions. Prerequisites: BA 365, 370, 451, and 454.

**BA 468/568 Principles of Marketing, Public Relations, and Fundraising**

2 credits

Introduces marketing, public relations, and fundraising principles and reviews important fundraising techniques and practices. Explores the relationship between fundraising, public relations, and marketing. Emphasizes the importance of an agency's overall connection with the community. Covers key principles such as readiness, ethical standards, and donor management. Addresses concepts and practices, including building community awareness, client awareness, direct and indirect methods of solicitation, annual funds, special events, and capital campaigns.

**BA 470/570 Financial Markets and Institutions**

4 credits

Focuses on depository institutions and the financial markets in which they operate. Major topics include the level, risk, and term structure of interest rates, debt and mortgage markets, bank operations, and techniques of modern financial institutions management.

**BA 471/571 Financial Management**

4 credits

Students use case study methods as they apply the tools and techniques developed in BA 385 to solve multifaceted corporate financial problems. Case studies may involve capital budgeting, cost of capital, dividend and investment decisions, mergers and acquisitions, or multinational corporate financial decision making. Prerequisite: BA 385.

**BA 472/572 Investments**

4 credits

Analyzes investment instruments such as stocks, mutual funds, options, and other investment vehicles. Investigates the risk/return relationship and other aspects of modern portfolio theory. Also investigates efficient markets and basic stock analysis and valuation. Prerequisite: BA 385.

**BA 473/573 International Financial Management**

4 credits

Applies financial management concepts to investment, financing, and managerial control decisions undertaken by multinational firms. Emphasizes the institutional environment of monetary arrangements, financial intermediary organizations, and balance of payment considerations that affect the international flow of capital. Prerequisite: BA 385.

**BA 474/574 Cyberlaw**

4 credits

Covers fundamental legal concepts affecting the Internet and websites. Examines a variety of business settings and aids all majors in understanding how these considerations affect them personally. Emphasizes understanding of these concepts and what happens in the real world. Major topics include conflicts of law, web copyrights, purchasing on the Internet (returns and refunds), website disclaimers and protection, domain names and conflicts, cyberlaw dispute resolution, linking and deep linking, and website design and operating considerations.

**BA 475/575 Organizational Behavior**

4 credits

Explores individual behavior, group behavior, and organizational systems. Covers topics from both a theoretical and practical perspective, including understanding people, motivation, group dynamics, communication, leadership, power, politics, conflict, diversity, culture, decision making, change, and organizational structure. Approved for University Studies (Integration).

**BA 476/576 Business Ethics**

4 credits

Provides a value analysis of the role of business and personal ethics in the organizational environment. Students are exposed to ethical theories, diverse economic systems, contemporary moral issues, actual cases, and concepts of justice and social responsibility. Open to non-admitted business students and non-business majors.

**BA 477/577 International Business**

4 credits

Introduces the international business environment. Discusses trade practices, foreign markets, public and private international institutions, and economic policies with emphasis on the diversity and management of multinational and international businesses. Prerequisite: BA 374.

**BA 478/578 Corporate Law**

4 credits

Studies the various forms of business formation, from sole proprietorships and partnerships (general and limited) to joint ventures and corporations. Explores the pros and cons of using each, including liability and risk considerations. Also covers agency law, principal and agent liability, shareholder rights, officer and director liability, and alternative dispute resolution (i.e., mediation and arbitration). Prerequisite: BA 226.

**BA 479/579 Small Business Start-up and Management**

4 credits

Surveys start-up, operational, and special issues particular to small and new enterprises. Emphasizes the assessment of critical factors that lead to successful entrepreneurship. Students apply their learning to a personal business plan. Prerequisites: BA 330, 380, and 385.

**BA 480/580 Nonprofit Theory and Leadership**

4 credits

Introduces the important social, political, and economic aspects of organizations and activities in the third, or "independent," sector. The nonprofit sector is neither government nor business, but reflects an important part of our national economy. Explores the size, scope, history, and important structural dimensions of the sector. Using regional nonprofit leaders as class speakers, students are exposed to differing styles and common practices used to lead in this sector.

**BA 481/581 Principles of Human Resource Management**

4 credits

Examines the personnel function and its relationship to the objectives of the organization. Analyzes personnel issues in selection, appraisal, and development of the work force. Surveys traditional administrative functions and trends in personnel management, including compensation and benefits, affirmative action, and grievance handling. Approved for University Studies (Integration). Prerequisite: BA 374.

**BA 482/582 Labor Relations**

4 credits

Examines the laws governing employer-employee relationships, including common law, federal and state labor acts, administrative agencies, and union contracts. This legal relationship is studied within the broader context of historical trends, political policies, social expectations, and economic influences. Considers legal problems such as discrimination in employment, public employment, industrial health and safety, and minimum wages. BA 374 or EC 325 recommended. (Cross-listed with EC 482/582.)

**BA 484/584 Business Information Systems Design**

4 credits

Advanced course in systems development focusing on business systems. Includes a feasibility study, an analysis of a current system, a high-level and detailed design of a proposed system, and implementation procedures. Also covers post-implementation review, support, and maintenance. Prerequisite: BA 382.

**BA 485/585 Compensation Management**

4 credits

Reviews the managerial, social, and economic issues related to the payment of benefits, wages, and salaries in business organizations. Special attention is paid to tradition and inertia, competitive market theory, engineering economics, cost accounting information, and

equity determinants of compensation policy. Covers applicable federal and state legislation. Demonstrates computer-assisted decision making. Prerequisite: BA 374.

**BA 486/586 Personnel Selection and Appraisal**

4 credits

Presents the staffing and development of personnel as a special problem in strategic planning and management. Treats appraisal as part of the motivation process and a way of providing feedback to management on its investment in staff. Covers applicable federal and state legislation. Prerequisite: BA 374.

**BA 487/587 Health, Safety, and Risk Management**

4 credits

Explores issues, programs, trends, costs, and analytical techniques that impact an organization's insurance and safety needs. Covers risk analysis, employment benefit plans, laws and regulations, liability exposure, health enhancement, and safety management. Practitioner-taught.

**BA 488/588 Fundamentals of Project Management**

4 credits

Provides a foundation for managing projects of all sizes for any type of organization. Covers the five traditional phases of project management and includes assessments to prepare the individual, organization, and team for project management. Introduces students to project management software and provides templates. Students apply concepts in a term project.

**BA 497/597 Advanced Management Information Systems**

4 credits

Extends prerequisite foundation knowledge and skills, establishing a greater understanding of the role of information systems in organizations. Examines advanced concepts, management issues, and technologies. Uses case studies and projects to illustrate and promote further understanding of the topics. Prerequisite: BA 382.

**BA 498/598 Women's Issues in Management**

4 credits

Designed for both women and men. Emphasizes the roles, concerns, and legal issues affecting female managers in public and private organizations. Uses a combination of relevant organizational behavior literature from the social sciences and humanities to raise awareness about women's issues in an organizational context. Offered only in the summer. Open to non-admitted students and non-business majors.

**BA 499 Business Planning**

4 credits

A comprehensive capstone course that integrates the concepts taught in the business core courses. Students exhibit knowledge of these concepts by developing a viable business plan for an existing business or a planned entrepreneurial endeavor. This plan progresses from the selection of a target market to the structuring of an organization at the manufacturing, whole-

sale, or retail level. It involves creating a strategy that provides a desired product or service to the selected market in a consistent, competitive, and profitable manner. Must have finished all other business core requirements and have at least a 2.5 GPA in business administration coursework at SOU. Prerequisites: BA 330, 374, 380, 382, and 385.

**Business-Chemistry**

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Steven Petrovic (Chemistry), Advisor

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There are a variety of excellent career opportunities for persons with thorough chemistry and business backgrounds. These include options in chemical, pharmaceutical, petroleum, electronic, food, and allied industries. In many industries involved with chemical products and processes, these opportunities comprise positions in management, marketing, sales, advertising, technical supervision, product development, and customer service. The business-chemistry program, which leads to the bachelor of arts or bachelor of science degree in business-chemistry, is designed to provide the necessary chemical and business knowledge and skills for these careers. Students should plan their coursework in close consultation with advisors from both fields.

**Requirements for the Major**

1. Business-chemistry majors are required to maintain a 2.0 GPA in upper division chemistry courses and a 2.5 GPA in all business courses.
2. All business-chemistry majors must take the Capstone Experience (BA 499 or CH 497, 498, 499). Students must consult their department advisor to determine the exact nature of the capstone experience.

**Chemistry Requirements**

(40 credits)

General Chemistry (CH 201, 202, 203) .....	9
General Chemistry Lab (CH 204, 205, 206).....	6
Chemical Research Communication I (CH 314) ....	1
Chemical Research Communication II (CH 315)...	1
Principles of Organic Chemistry (CH 331, 332)....	7
Introduction to Organic Chemistry Lab (CH 337)...	2
Principles of Organic Chemistry Lab (CH 338)....	2
Introductory Biochemistry (CH 350).....	4
Analytical Chemistry (CH 421).....	3
Analytical Chemistry Lab (CH 422) .....	1
Instrumental Analysis (CH 425).....	3
Instrumental Analysis Lab (CH 426) .....	1

**Business Requirements**

(40 credits)

Business Computer Applications (BA 131) .....	4
Accounting Information I (BA 211).....	4
Accounting Information II (BA 213) .....	4
Business Law (BA 226) .....	4
Principles of Marketing (BA 330).....	4
Principles of Management (BA 374).....	4
Operations Management (BA 380).....	4

Management Information Systems (BA 382) .....	4
Principles of Finance (BA 385).....	4
Upper division business elective .....	4

### Supporting Courses

(35 credits)

Precalculus I: College Algebra (MTH 111).....	4
Precalculus II: Elementary Functions (MTH 112) ...	4
Elementary Statistics (MTH 243) .....	4
General Physics (PH 201, 202, 203) .....	9
General Physics Lab (PH 224, 225, 226) .....	6
Principles of Microeconomics (EC 201).....	4
Principles of Macroeconomics (EC 202).....	4

### Capstone Experience Requirement

(7-8 credits)

Approved upper division electives .....	4
Complete one of the following:	
Business Planning (BA 499) .....	4
Senior Project (CH 497, 498, 499) .....	3

### Business-Mathematics

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Dusty Sabo (Mathematics), Advisor

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Many sectors of business require strong quantitative analytical training. The business-mathematics co-major provides students with training in both areas.

Students should plan their programs carefully with advisors from both the Department of Mathematics and the School of Business.

### Requirements for the Major

1. Complete the requirements specified for both mathematics and business as shown below. No more than two of the upper division math requirements may be met with a grade below C-. Business-mathematics co-majors are required to maintain a 2.5 GPA in all business courses.
2. All business-mathematics majors must take the Capstone Experience (BA 499 or MTH 490). Students must consult their department advisors to determine the exact nature of the capstone experience.

### Mathematics Requirements

(43 credits)

Calculus (MTH 251, 252, and 281).....	12
Linear Algebra (MTH 261).....	4
Mathematical Perspectives (MTH 290).....	2
Number Structures (MTH 311).....	5
Probability (MTH 361).....	4
Topics in Probability and Statistics (MTH 461).....	4

Twelve additional upper division mathematics credits: (1) an applied course, choose from MTH 321 or 421; (2) at least two 4 credit courses; (3) at least one 400-level course.....	12
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### Business Requirements

(40 credits)

Business Computer Applications (BA 131) .....	4
Accounting Information I (BA 211).....	4
Accounting Information II (BA 213).....	4
Business Law (BA 226) .....	4
Principles of Marketing (BA 330).....	4
Principles of Management (BA 374) .....	4
Operations Management (BA 380).....	4
Management Information Systems (BA 382) .....	4

Business Law (BA 226) .....	4
Principles of Marketing (BA 330).....	4
Principles of Management (BA 374) .....	4
Operations Management (BA 380).....	4
Management Information Systems (BA 382) .....	4
Principles of Finance (BA 385).....	4
Upper division business elective .....	4

### Supporting Courses

(12 credits)

Principles of Microeconomics (EC 201).....	4
Principles of Macroeconomics (EC 202).....	4
Elementary Statistics (MTH 243) .....	4

Principles of Finance (BA 385).....	4
Upper division business elective .....	4

### Supporting Courses

(25 credits)

General Chemistry (CH 201) .....	3
General Chemistry Lab (CH 204).....	2
Calculus I (MTH 251).....	4
Calculus II (MTH 252) .....	4
Elementary Statistics (MTH 243) .....	4
Principles of Microeconomics (EC 201).....	4
Principles of Macroeconomics (EC 202).....	4

### Chemistry

Science 203A

541-552-6471

Professors: Douglas A. Chapman, Lynn M. Kirms

Associate Professors: Laura A. Hughes, Gregory T. Miller, Steven C. Petrovic, Hala G. Schepmann

Assistant Professor: Mary W. Carrabba

The chemistry program is part of the Department of Chemistry, Physics, Materials, and Engineering (CPME). Students majoring in chemistry typically enter positions in private, academic, or government laboratories, or they enroll in graduate or professional schools. There are outstanding opportunities for graduate study in chemistry. A bachelor's degree in chemistry is also excellent preparation for graduate study in a number of other fields, including business, dentistry, engineering, environmental studies, forensic science, law, medical technology, medicine, oceanography, pharmacology, teaching, and veterinary medicine.

The Committee on Professional Training of the American Chemical Society (ACS) has approved the chemistry program's curricular offerings, faculty, and facilities. Students who complete the approved program are certified by the American Chemical Society and become eligible for full membership in the society upon graduation. The ACS certified degree options are strongly encouraged for students planning to attend graduate school or seeking employment in industrial or research positions.

The degree option in forensic chemistry is designed on the recommendations of the National Institute of Justice and is excellent preparation for students seeking employment as a forensic laboratory technician.

The bachelor of arts in chemistry is specifically designed for students with career aspirations related to health care, including medicine, dentistry, pharmacy, physician's assistant, and veterinary medicine. The required courses are based on the recommendations of the Association of American Medical Colleges and the top health care graduate programs in the United States.

### Degrees

BS in Chemistry with options in Chemistry and Forensic Chemistry. Additional options include American Chemical Society Certified Degrees in Chemistry and Biochemistry.

BA in Chemistry

BA or BS in Business-Chemistry

BS in Environmental Studies with a Chemistry option

**Co-Major**

Business-Chemistry (see *Business Chemistry* for a description of this program)

**Minor**

Chemistry

**Choosing a Major**

Students are strongly encouraged to make this decision as early as possible to ensure their degree may be completed in four years. It is generally not possible to complete the degree in four years without taking chemistry courses every year. It is also necessary to begin taking mathematics courses in the first year. Freshmen considering a chemistry major should talk to a chemistry professor immediately.

**Requirements for the Major**

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Complete the core curriculum for either the BA or BS degrees.
3. Complete the chemistry major core courses.
4. Complete courses for one of the approved options. Students planning to attend graduate school are strongly encouraged to complete an ACS-accredited degree. Students planning a career in medicine or health (medical, dental, pharmacy, physician's assistant, optometry, or veterinary medicine) are strongly encouraged to complete a BA degree in chemistry.
5. Maintain a 2.0 overall GPA in all upper division chemistry courses.
6. Complete an outcome assessment portfolio demonstrating proficiency in, but not limited to, core academics, oral and written presentations, instrument and computer skills, research, and cooperative learning.
7. The student's entire program must be approved by a chemistry advisor.

**Capstone**

Students must complete the Senior Project as described under CH 497, 498, 499. Only one of the four course sequences below may be taken simultaneously with the Senior Project.

Inorganic Chemistry (CH 411, 414)

Analytical Chemistry/Instrumental Analysis (CH 421, 422 and 425, 426, 427)

Physical Chemistry (CH 441, 442, 443, 444, 445)

Biochemistry (CH 451, 452, 453, 454, 455)

**Chemistry Major Core Courses (for BS degrees)**

(51 chemistry credits, 12 mathematics credits, 18 physics credits)

General Chemistry (CH 201, 202, 203) .....	9
General Chemistry Lab (CH 204, 205, 206) .....	6
Chemical Research Communication I, II, III (CH 314, 315, 316) .....	3
Organic Chemistry (CH 334, 335, 336) .....	9
Introduction to Organic Chemistry Lab (CH 337) ...2	
Organic Spectroscopy (CH 340) .....	3
Organic Chemistry Lab (CH 341) .....	2
Computer Applications in Chemistry (CH 371) ...3	

Analytical Chemistry (CH 421) .....	3
Analytical Chemistry Lab (CH 422) .....	1
Instrumental Analysis (CH 425) .....	3
Instrumental Analysis Lab (CH 426) .....	1
Physical Chemistry (CH 441) .....	3
Senior Project (CH 497, 498, 499) .....	3
General Physics (PH 221, 222, 223) .....	12
General Physics Lab (PH 224, 225, 226) .....	6
Precalculus II: Elementary Functions (MTH 112) ...4	
Calculus I, II (MTH 251, 252) .....	8

**Chemistry Option**

(7 chemistry credits)

Inorganic Chemistry (CH 411) .....	4
Inorganic Chemistry Lab (CH 414) .....	1
Physical-Chemical Measurements (CH 444) .....	2

**Forensic Chemistry Option**

(19 chemistry credits, 16 biology credits, 12 criminal justice credits, 4 communication credits, 4 mathematics credits)

Principles of Biology (BI 211, 212, 213) .....	12
Genetics (BI 341) .....	4
Biochemistry (CH 451, 452, 453) .....	9
Biochemistry Lab (CH 454, 455) .....	2
Forensic Serology and DNA Analysis (CH 460) ...4	
Forensic Toxicology and Arson/Explosives Detection (CH 464) .....	4

Introduction to Criminal Justice (CCJ 251) .....	4
Criminal Investigation (CCJ 321) .....	4
Law of Criminal Evidence (CCJ 412) .....	4
Advanced Public Speaking (COMM 310) .....	4
Statistics (MTH 243) .....	4

**American Chemical Society Certified Degree in Chemistry Option**

(20 chemistry credits, 8 mathematics credits)

Introductory Biochemistry (CH 350) .....	4
Inorganic Chemistry (CH 411) .....	4
Inorganic Chemistry Lab (CH 414) .....	1
Advanced Instrumental Analysis Lab (CH 427) ...1	
Physical Chemistry (CH 442, 443) .....	6
Physical-Chemical Measurements (CH 444, 445) ..4	
Differential Equations (MTH 321) .....	4
Calculus III (MTH 253) .....	4

**American Chemical Society Certified Degree in Biochemistry Option**

(20 biology credits, 24 chemistry credits, 8 mathematics credits)

Principles of Biology (BI 211, 212, 213) .....	12
Genetics (BI 341) .....	4
Molecular Biology (BI 425) .....	4
Inorganic Chemistry (CH 411) .....	4
Inorganic Chemistry Lab (CH 414) .....	1
Physical Chemistry (CH 442, 443) .....	6
Physical-Chemical Measurements (CH 444) ..2	
Biochemistry (CH 451, 452, 453) .....	9
Biochemistry Lab (CH 454, 455) .....	2
Differential Equations (MTH 321) .....	4
Calculus III (MTH 253) .....	4

**Chemistry Major Core Courses for the BA Degree**

(54 chemistry credits, 8 mathematics credits, 15 physics credits, 16 biology credits, 8 psychology credits)

General Chemistry (CH 201, 202, 203) .....	9
General Chemistry Lab (CH 204, 205, 206) .....	6
Chemical Research Communication I, II, III (CH 314, 315, 316) .....	3
Organic Chemistry (CH 334, 335, 336) .....	9
Introduction to Organic Chemistry Lab (CH 337) ...2	
Organic Spectroscopy (CH 340) .....	3
Organic Chemistry Lab (CH 341) .....	2
Computer Applications in Chemistry (CH 371) ...3	

Organic Spectroscopy (CH 340) .....	3
Organic Chemistry Lab (CH 341) .....	2
Computer Applications in Chemistry (CH 371) ...3	
Analytical Chemistry (CH 421) .....	3
Physical Chemistry (CH 441) .....	3
Biochemistry (CH 451, 452, 453) .....	9
Senior Project (CH 497, 498, 499) .....	3
General Physics (PH 201, 202, 203)* .....	9
General Physics Lab (PH 224, 225, 226) .....	6
Calculus I, II (MTH 251, 252) .....	8
General Biology with Lab (BI 211, 212, 213) ..12	
Genetics with Lab (BI 341) .....	4
General Psychology (PSY 201, 202) .....	8

\*PH 221, 222, and 223 may be substituted for these classes.

**Additional Requirements**

Additionally, students must satisfy the bachelor of arts degree requirements. This includes one year of a foreign language at the second year level and 48 total credits in the humanities (courses toward University Studies may be counted toward these credits). Students with career interest in a medical field are strongly encouraged to complete this requirement by choosing a mix of the following recommended courses:

Interpersonal Communication (COMM 125) .....	4
Public Speaking (COMM 210) .....	4
Small Group Communication (COMM 225) .....	4
Interviewing and Listening (COMM 330) .....	4
Elementary Logic (PHL 203) .....	4
Ethics/Contemporary Moral Values (PHL 205) ...4	
Moral Theory (PHL 323) .....	4
Science and Religion (PHL 329) .....	4
Science, Democracy, and Citizenship (PHL 330) ...4	
History and Philosophy of Science (PHL 339) 4	
Issues in Bioethics (PHL 407) .....	4

**Elective courses**

The remaining credits necessary to meet the minimum number required for graduation may be selected based on individual student interest, a particular field of study, or the requirements of a specific graduate program. Recommendations are given for specific fields of study.

*Medicine and Dentistry*

Comparative Animal Physiology (BI 314) .....	4
Cell Biology (BI 342) .....	4
Developmental Biology (BI 343) .....	4
Microbiology (BI 351) .....	4
Immunology (BI 456) .....	4
Forensic Serology/DNA Analysis (CH 460) .....	4

*Pharmacy and Physician's Assistant*

Human Anatomy and Physiology (BI 231, 232, 233) .....	12
Microbiology (BI 351) .....	4

*Veterinary Medicine*

Comparative Animal Physiology (BI 314) .....	4
Comparative Vertebrate Anatomy (BI 327) .....	4
Mammalogy (BI 415) .....	4
Animal Behavior (BI 480) .....	4

**Honors Program**

Students interested in participating in the departmental honors program must notify the advisor upon completing at least 25 credits of chemistry required for the degree. Admission to the program requires department faculty approval.

**Honors Requirements**

1. Complete an ACS-certified chemistry degree.
2. Maintain a minimum 3.5 GPA in all upper division chemistry courses.
3. Complete one year of research prior to commencing the senior project and present both a written and oral report on this research.
4. Obtain final approval from the department faculty.

The transcripts and diplomas of qualified students indicate that their degrees were awarded with departmental honors.

**Teacher Licensing**

Students who would like to teach chemistry at the middle school or high school level in Oregon public schools must complete a bachelor's degree in chemistry before applying for admission to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the department chair for an appropriate advisor and the School of Education regarding admission requirements for the MAT program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Practica, internships, and volunteer experiences working with children in public schools are required prior to application to the MAT program.

**Minor**

Complete 28 credits in chemistry, at least 13 of which must be upper division. Choose upper division courses from at least two of the following areas of chemistry: analytical, biochemistry, inorganic, organic, and physical. Maintain an overall GPA of 2.0 in all upper division chemistry courses.

General Chemistry (CH 201, 202, 203) ..... 9  
General Chemistry Lab (CH 204, 205, 206) ..... 6  
Upper division electives (approved by advisor)....13

**Chemistry Courses****LOWER DIVISION COURSES****CH 100 Fundamentals of Chemistry**

4 credits

Introduces the structure, properties, and composition of matter and chemical changes. Designed primarily to help the non-science major understand the function, importance, and capabilities of chemistry in our environment and culture. Three lectures and one 2-hour lab. Approved for University Studies (Explorations). Corequisite: CH 100L.

**CH 101 Environmental Chemistry**

4 credits

Examines the basic chemical principles as applied to areas of current interest and concern in the natural environment and modern technology. Includes such topics as air and water pollution, toxic waste disposal, use of pesticides and fertilizers, and energy production. Approved for University Studies (Explorations). Prerequisite: CH 100. Corequisite: CH 101L.

**CH 195 Chemical Problem Solving**

1 credit

Develops the basic skills required to solve typical story problems encountered in CH 201. One lecture. Corequisite: CH 201.

**CH 196 Chemical Problem Solving**

1 credit

Develops the basic skills required to solve typical story problems encountered in CH 202. One lecture. Corequisite: CH 202.

**CH 197 Chemical Problem Solving**

1 credit

Develops the basic skills required to solve typical story problems encountered in CH 203. One lecture. Corequisite: CH 203.

**CH 199 Special Studies**

Credits to be arranged

**CH 201 General Chemistry**

3 credits

Explores and applies principles and applications of chemistry for science majors. Emphasis on atomic and molecular structure, periodic properties of elements, models of chemical bonding, and molecular geometry and its influence on molecular properties. CH 201, 204 and CH 202, 205 are approved for University Studies (Explorations). Prerequisite: MTH 111. Corequisite: CH 204.

**CH 202 General Chemistry**

3 credits

Applies principles presented in CH 201 to the study of the solid, liquid, and gaseous states of matter. Principles of stoichiometry, thermodynamics, and chemical kinetics are introduced and applied to the study of aqueous and gas-phase chemical reactions. CH 201, 204 and CH 202, 205 are approved for University Studies (Explorations). Prerequisites: CH 201 and MTH 111. Corequisite: CH 205.

**CH 203 General Chemistry**

3 credits

Introduces the principles of chemical equilibrium and their application to the study of aqueous acid-base reactions and electrochemistry. Approved for University Studies (Explorations). Prerequisites: CH 202 and MTH 111. Corequisite: CH 206.

**CH 204 General Chemistry Laboratory**

2 credits

Experiments cover the fundamentals of chemical measurements, quantitative relationships in chemical analysis, and understanding atomic and molecular structure. One recitation and one 3-hour laboratory. Approved for University Studies (Explorations). Corequisite: CH 201.

**CH 205 General Chemistry Laboratory**

2 credits

Experiments cover the fundamentals of intermolecular interactions, stoichiometric relationships, and their application to the synthesis, identification, and analysis of chemical compounds. One recitation and one 3-hour laboratory. Approved for University Studies (Explorations). Prerequisites: CH 201 and 204. Corequisite: CH 202.

**CH 206 General Chemistry Laboratory**

2 credits

Experiments in this laboratory illustrate the fundamental principles of chemical equilibria and their application to chemical analysis through the use of volumetric and electrochemical methods. Approved for University Studies (Explorations). Prerequisites: CH 202 and 205. Corequisite: CH 203.

**CH 209 Practicum**

Credits to be arranged

**UPPER DIVISION COURSES****CH 300 Forensic Investigation**

3 credits

Introduces the scientific techniques used in crime investigation. Involves the analysis of physical evidence and covers aspects of chemistry, biology, geology, physics, and criminology. Three lectures. Does not fulfill chemistry major or minor requirements. Approved for University Studies (Synthesis/Integration). Prerequisites: Completion of all lower division University Studies requirements.

**CH 301 Forensic Investigation Laboratory**

1 credit

Gives students hands-on experience with scientific procedures and techniques as they apply to forensic investigation. One 3-hour laboratory. Does not fulfill chemistry major or minor requirements. Prerequisite: Instructor consent.

**CH 314 Chemical Research Communication I**

1 credit

Prepares students to conduct their Capstone Research Project (CH 497, 498, 499). Students select a research project and learn how to retrieve, organize, and cite chemical information using hard copy and online sources. Focuses on resources appropriate to analytical, inorganic, organic, and physical chemistry in the areas of biochemistry, forensic chemistry, and materials science. Prerequisite: CH 336.

**CH 315 Chemical Research Communication II**

1 credit

Examines the components of standard chemical research articles and oral presentations. Students prepare a literature review paper and oral presentation based on their capstone research topic. One lecture. Prerequisite: CH 314.

**CH 316 Chemical Research Communication III**

1 credit

Continued study of chemical research writing and presentations. Students prepare a review paper, research proposal, and oral presentation relating to their capstone research project. Students explore current topics in chemical ethics. One lecture. Prerequisite: CH 315.

**CH 331 Principles of Organic Chemistry**

4 credits

Introduction to the structures and reactions of organic compounds, oriented for students in the biological sciences. Four lectures. Prerequisite: CH 202. Corequisite: CH 337.

**CH 332 Principles of Organic Chemistry**

3 credits

Continued study of organic chemistry, with particular emphasis on the chemical principles underlying biological and health sciences. Three lectures. Prerequisite: CH 331. Corequisite: CH 338.

**CH 334 Organic Chemistry**

3 credits

Introduces the physical and chemical properties of the compounds of carbon. Focuses on molecular structure analysis and naming of organic compounds. Provides an introduction to reactions, mechanisms, and spectroscopic structure determination of organic compounds. Three lectures. Prerequisite: CH 202. Corequisite: CH 337.

**CH 335 Organic Chemistry**

3 credits

Focuses on the stereochemistry of organic compounds and its influence on chemical reactivity. Presents organic reactions as tools for the research scientist to use in synthesis and as illustrations of the principles underlying chemical behavior. Three lectures. Prerequisite: CH 334. Corequisites: CH 340 and 340L.

**CH 336 Organic Chemistry**

3 credits

Introduces additional organic reactions and their use in the synthesis of complex molecules. Presents current applications of organic chemistry in the preparation and reactivity of polymers and biomolecules. Three lectures. Prerequisite: CH 335. Corequisites: CH 341 and 341R.

**CH 337 Introduction to Organic Chemistry Laboratory**

2 credits

Examines the theory and application of basic techniques used in the purification and characterization of organic and bioorganic compounds. One recitation and one 3-hour laboratory. Prerequisite: CH 206. Corequisite: CH 337R.

**CH 338 Principles of Organic Chemistry Laboratory**

2 credits

Continues the study of organic laboratory techniques, including some elementary spectroscopy. One recitation and one 3-hour laboratory. Prerequisite: CH 337. Corequisites: CH 332 and 338R.

**CH 340 Organic Spectroscopy**

3 credits

Examines the theory and practical uses of spectroscopy for the structural characterization of organic compounds. Includes use of an infrared spectrophotometer, nuclear magnetic resonance, and mass spectrometers. Two lectures and one 3-hour laboratory. Prerequisite: CH 337. Corequisites: CH 335 and 340L.

**CH 341 Organic Chemistry Laboratory**

2 credits

Explores the synthesis, isolation, and purification of organic and bioorganic compounds. Includes extensive use of chromatography

and spectroscopy. One recitation and one 3-hour laboratory. Prerequisites: CH 337 and 340. Corequisites: CH 336 and 341R.

**CH 344 Organic Chemistry Workshop**

1 credit

Peer-led, team-learning workshop focused on solving organic chemistry problems encountered in CH 334. Corequisite: CH 334.

**CH 345 Organic Chemistry Workshop**

1 credit

Peer-led, team-learning workshop focused on solving organic chemistry problems encountered in CH 335. Corequisite: CH 335.

**CH 346 Organic Chemistry Workshop**

1 credit

Peer-led, team-learning workshop focused on solving organic chemistry problems encountered in CH 336. Corequisite: CH 336.

**CH 350 Introductory Biochemistry**

4 credits

Surveys structures and reactivities of biomolecules, with an emphasis on enzymes, nucleic acids, metabolic processes, and bioenergetics. Four lectures. Prerequisite: CH 332 or 336.

**CH 371 Computer Applications in Chemistry**

3 credits

Trains students in writing computer programs with applications to various problems of chemical importance. Languages and software used include BASIC and Mathcad for Windows. Students use the Department of Chemistry's microcomputers and learn methods involving computer graphics for analysis of experimental data. Three 1-hour lectures. Prerequisites: CH 203 and MTH 252. Corequisite: CH 441.

**CH 399 Special Studies**

Credits to be arranged

**CH 401/501 Research**

Credits to be arranged

**CH 403/503 Thesis**

Credits to be arranged

**CH 405/505 Reading and Conference**

Credits to be arranged

**CH 407/507 Seminar**

Credits to be arranged

**CH 408/508 Workshop**

Credits to be arranged

**CH 409/509 Practicum**

Credits to be arranged

**CH 411/511 Inorganic Chemistry**

4 credits

Surveys contemporary theories and their application to inorganic compounds. Lecture topics include symmetry, atomic and molecular structure, chemical bonding, coordination compounds, reaction mechanisms, periodicity, acids and bases, aqueous and nonaqueous solutions, organometallic and bioinorganic compounds, and descriptive chemistry of metals and nonmetals. Four lectures. Prerequisite: CH 441. Corequisite: CH 414.

**CH 414/514 Inorganic Chemistry Laboratory**

1 credit

Studies inorganic compounds and complexes, including the synthesis and characterization of air-sensitive and water-sensitive organometallic compounds and transition metal complexes. One 3-hour laboratory. Corequisite: CH 411.

**CH 421 Analytical Chemistry**

3 credits

Covers the principles of quantitative analytical chemistry. Topics include equilibria in gravimetric, volumetric, and electrochemical methods of analysis, along with a brief introduction to spectroscopy and analytical separations. Two 90-minute lectures. Prerequisites: CH 203 and 206. Corequisite: CH 422.

**CH 422 Analytical Chemistry Laboratory**

1 credit

Involves students in quantitative analytical laboratory work, including gravimetric, volumetric, and a limited number of instrumental methods. One 3-hour laboratory. Prerequisites: CH 203 and 206. Corequisite: CH 421.

**CH 425/525 Instrumental Analysis**

3 credits

Explores the theory of instrumental methods of chemical analysis, including spectroscopy, chromatography, voltammetry, and other topics. Two 90-minute lectures. Prerequisites: CH 421, 422, and 441. Corequisite: CH 426.

**CH 426/526 Instrumental Analysis Laboratory**

1 credit

Emphasizes basic electronics, the application of instrumental techniques, the optimization of instrumental parameters, and the treatment of data. One 3-hour laboratory. Prerequisites: CH 421, 422, and 441. Corequisite: CH 425.

**CH 427 Advanced Instrumental Analysis Laboratory**

1 credit

Integrated laboratory course covers the instrumental analysis and characterization of inorganic or organic compounds. Involves the synthesis of an inorganic or organic compound, followed by analysis and characterization using a variety of instrumental methods. One 3-hour laboratory. Prerequisites: CH 340, 414, and 426.

**CH 434 Organic Chemistry Workshop Mentor**

1 to 2 credits

Mentors for peer-led, team-learning workshops focus on solving organic chemistry problems encountered in CH 334. Prerequisite: CH 336.

**CH 435 Organic Chemistry Workshop Mentor**

1 to 2 credits

Mentors for peer-led team-learning workshops focus on solving organic chemistry problems encountered in CH 335. Prerequisite: CH 336.

**CH 436 Organic Chemistry Workshop Mentor**

1 to 2 credits

Mentors for peer-led team-learning workshops focus on solving organic chemistry problems encountered in CH 336. Prerequisite: CH 336.

**CH 441/541 Physical Chemistry**

3 credits

A detailed theoretical study of the macroscopic behavior and microscopic structure of matter using mathematical models. Topics include real and ideal gases, kinetic-molecular theory of gases, and the development and application of thermodynamics to problems of chemical interest. Three lectures. Prerequisites: CH 203 and 206, MTH 252, and PH 221, 222, and 223. Corequisite: CH 371.

**CH 442/542 Physical Chemistry**

3 credits

Examines the development and application of thermodynamics to solutions of electrolytes and nonelectrolytes, as well as statistical thermodynamics, electrochemistry, and chemical kinetics. Three lectures. Prerequisite: CH 441.

**CH 443/543 Physical Chemistry**

3 credits

Introduces the theory and application of quantum mechanics to atomic and molecular structure. Three lectures. Prerequisite: CH 442.

**CH 444/544 Physical-Chemical Measurements**

2 credits

Laboratory experience involving computer-enhanced methods of physical-chemical experimentation. Provides experience in programming in BASIC and Mathcad. Experiments utilize student-written software for collection and analysis of experimental data. Emphasizes data collection for device calibration and collection of thermodynamic data. One lecture and one 3-hour laboratory. Prerequisites: CH 371 and 441.

**CH 445/545 Physical-Chemical Measurements**

2 credits

Laboratory experience emphasizing data collection and analysis in chemical reaction kinetics and spectroscopic analysis of molecular structure. Prerequisites: CH 371, 442, 444. Corequisite: CH 443.

**CH 451/551 Biochemistry**

3 credits

Examines the chemistry of biological systems, including underlying organic, thermodynamic, and chemical principles. Introduces biological macromolecules, including nucleic acids, proteins, carbohydrates, and lipids. Three lectures. Prerequisite: CH 332 or 336.

**CH 452/552 Biochemistry**

3 credits

Systematic assessment of metabolism, including major oxidative and biosynthetic pathways. Includes aspects of enzyme mechanisms and kinetics, metabolic regulation, derivation of metabolic energy, and metabolic defects as they relate to the basis of disease. Three lectures. Prerequisite: CH 451.

**CH 453/553 Biochemistry**

3 credits

Introduces the principles of molecular genetics as they apply to biochemical systems. Includes cellular repair mechanisms, recombinant DNA technologies, and a detailed look at the processes of DNA replication, transcription and translation, and genetic regulation. Three lectures. Prerequisite: CH 452.

**CH 454/554 Biochemistry Laboratory**

1 credit

Application of contemporary biochemical techniques to protein purification, protein structural analysis, and enzyme kinetics. One 3-hour laboratory. Prerequisite: CH 451. Corequisite: CH 452.

**CH 455/555 Biochemistry Laboratory**

1 credit

Introduces tools of nucleic acid analysis, lipid chemistry, and natural product isolation and characterization. One 3-hour lab. Prerequisites: CH 452 and 454. Corequisite: CH 453.

**CH 460 Forensic Serology and DNA Analysis**

4 credits

Examines the principles of forensic identification analysis and comparison of biological evidentiary samples such as blood, semen, saliva, and other biological samples and tissues. Explores electrophoresis, DNA extraction procedures, polymerase chain reaction (PCR), DNA typing, sex and race determination, methods of DNA analysis and detection, and other topics. Three lectures and one 3-hour laboratory. Prerequisites: BI 341 and CH 451.

**CH 464 Forensic Toxicology and Arson/Explosives Detection**

4 credits

Examines the concepts of analytical chemistry as they apply to toxicology and arson and explosives detection. Includes the pharmacology and toxicology of commonly encountered abused and toxic substances along with the characterization of physical evidence collected at the scene of a fire or explosion. Three lectures and one 3-hour laboratory. Prerequisites: CH 340, 425, 426.

**CH 481 Advanced Organic Spectroscopy**

3 credits

Offers lecture and laboratory exposure to single- and multi-dimensional NMR experiments, IR, and MS. Emphasizes small group interaction, problem solving, and presentation skills. Prerequisite: CH 340.

**CH 482 Forensic Research Project**

3 credits

Immerses students in a laboratory-based research project of interest to the National Fish and Wildlife Forensics Lab (NFWFL) in Ashland. Provides experience with scientific research methodologies and instrumentation in collaboration with researchers at both the NFWFL and the SOU Chemistry Department. A minimum of six hours a week of scheduled research time is recommended. There is a mandatory meeting in the winter term with researchers at the NFWFL. Prerequisites: CH 425 and 426.

**CH 485/585 Advanced Topics in Chemistry**

1 to 2 credits

Advanced course covering special topics in analytical, inorganic, organic, physical, or biochemistry. Prerequisites and credits vary with topic. May be repeated for credit with different topics.

**CH 497 Senior Project**

1 credit

Designed as a practical application of students' accumulated knowledge. Typically involves supervised study or research, which may be conducted inside or outside the department. All projects must be approved by faculty. Must be taken during the senior year and is required for graduation.

**CH 498 Senior Project**

1 credit

A continuation of the project started in CH 497. Must be taken during the senior year and is required for graduation. Prerequisite: CH 497.

**CH 499 Senior Project**

1 credit

A continuation of the project pursued in CH 498. Entails substantial library research, writing, and oral presentation components. All projects must be approved by faculty. Must be taken during the senior year and is required for graduation. Prerequisite: CH 498.

***Chemistry, Physics, Materials, and Engineering***

Science 203A

541-552-6471

Douglas Chapman, Chair

The Department of Chemistry, Physics, Materials, and Engineering (CPME) includes the chemistry and physics/engineering programs. The chemistry program offers ACS-approved degrees in chemistry and biochemistry, as well as a degree option in forensic chemistry and a BA degree designed to meet the needs of pre-med students. The physics/engineering program offers BA and BS degrees in physics and applied physics, along with a materials science option. The physics/engineering program also offers an engineering physics option and a physics/engineering dual-degree option.

***Communication***

Britt 212

541-552-6670

D.L. Richardson, Chair

Professors: Mark Chilcoat, Jonathan Lange

Associate Professors: Dennis Dunleavy, Garth Pittman, Paul Steinle, Susan Walsh

Assistant Professors: Alena Ruggerio, Jody Waters

Senior Instructor: D. L. Richardson, Howard Schreiber  
Adjunct Faculty: Terrie Claflin, Stuart Corns, Ron Danko, Linda Florin, Janet Greek

Emeritus Faculty: Ernest Ettlich, Richard Kaough, Thomas Pyle, Karen Shafer

The Department of Communication helps students develop their verbal, nonverbal, and visual communication knowledge and skills through the exploration of human communication, journalism, and media arts.

To suit a variety of goals, the Communication Department also offers optional minors in these three areas, as well as in film studies, media studies, and video production.

The faculty bring a broad range of academic

and professional training and accomplishments to the classroom, and the department's student-centered program emphasizes skill-building, critical thinking, research, and writing.

Students may earn credit for on-campus practical experience with such organizations as the University's student newspaper, student-run radio station, public radio facilities, community access television, and public relations operations.

Communication majors intern throughout and beyond the immediate region at newspapers, magazines, radio and television stations, social service organizations, government agencies, advertising and public relations firms, and other businesses and organizations.

## Degrees

BA or BS in Communication with options in Human Communication, Journalism, and Media Arts

## Minors

Film Studies, Human Communication, Journalism, Media Studies, and Video Production

## Certificate

Management of Human Resources

## Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Choose one of three options: human communication, journalism, or media arts.
3. Complete a minimum of 60 credits of approved courses, including the premajor courses; 28 of these credits must be upper division, not including COMM/JRN 377 activity credits, which may be applied to the 60-credit total.
4. At least 20 credits must be completed in the SOU Communication Department.
5. To graduate, each communication major must have a minimum 2.75 GPA for all coursework in the department. All courses must be taken for a letter grade unless instructor permission is obtained.
6. Complete a capstone experience (COMM 410 or JRN 410) during the senior year.
7. Each journalism student must complete 3 internship credits (JRN 409). The credits may be in the student's declared option or related areas, as approved by the internship coordinator. Those in human communication are encouraged to complete activity and practicum credits.

## Writing Component

Students demonstrate writing proficiency by completing USEM 101, 102, 103 or equivalent and COMM 300, as well as by taking any of the upper division communication courses with a writing component. Students in the Human Communication option are required to complete a COMM 460 topics course to further demonstrate their writing competency.

## Capstone

The required capstone experience is designed to synthesize four years of learning in one project. The course experience or project is completed in the senior year and supervised or taught by a faculty member. The student must have 1 to 4 capstone credits and earn a passing grade to meet major and SOU graduation requirements. Although students may have completed a previous internship or practicum in a similar situation, the capstone experience is expected to be of greater depth, scope, and quality.

While students may choose to complete their capstone experience in a public or private agency, they may also write a research paper to meet the capstone requirement. In any case, the project must be an example of the student's best work. Capstone experience credits may be earned under COMM 410 or JRN 410.

## Accelerated Baccalaureate Degree Program

Communication majors may participate in the Accelerated Baccalaureate Degree Program. For information see the *Accelerated Baccalaureate Degree Program* section.

## Options

### Human Communication

(60 credits)

Complete the following courses:

Communication Across Cultures (COMM 200).....	4
Media Across Cultures (COMM 201).....	4
Interpersonal Communication (COMM 125).....	4
Public Speaking (COMM 210).....	4
Small Group Communication (COMM 225).....	4
Research Strategies (COMM 300).....	4
Persuasion (COMM 342).....	4
Capstone (COMM 410).....	1-4
Topics in Communication (COMM 460).....	4

Complete 12 or more credits from the following courses:

Communication Theory (COMM 301).....	4
Advanced Public Speaking (COMM 310).....	4
Nonverbal Communication (COMM 324).....	4
Interviewing and Listening (COMM 330).....	4
Discourse Analysis of Social Problems (COMM 332).....	4

Family Communication (COMM 340).....

Argumentation, Debate, and Critical Thinking (COMM 343).....

Activities (COMM 377) and/or Practicum/Internship (COMM 409).....

Complete 12 or more credits from the following courses:

Relational Communication Processes (COMM 407).....

Evaluation of Public Communication (COMM 412).....

Gender and Human Communication (COMM 425).....

International Communication (COMM 441).....

Mediation and Conflict Management (COMM 448).....

Conflict Resolution (COMM 455).....

Topics in Communication (COMM 460).....

Women Transforming Language (COMM 460A)....

Communication and Third-World Developement (COMM 460B).....

### Culture, Identity, and Communication

(COMM 460C) ..... 4

Gender, Race, and Media (COMM 470)..... 4

Organizational Communication (COMM 475)..... 4

## Journalism

(60 credits)

Students earning the bachelor of arts or science degree in communication/journalism may choose from news-editorial or photojournalism emphases.

## NEWS-EDITORIAL

Complete the following courses:

Communication Across Cultures (COMM 200).... 4

Media Across Cultures (COMM 201)..... 4

Digital Media Foundations I (DMF 201) and

Digital Media Foundations Lab (DMF 201L).... 2,2

Journalistic Writing (JRN 251)..... 4

Newswriting (JRN 261)..... 4

Research Strategies (COMM 300)..... 4

Copyediting (JRN 341)..... 4

Reporting (JRN 361)..... 4

Activities: Siskiyou (JRN 377)..... 4

Feature Writing (JRN 381)..... 4

Journalism Internship (JRN 409)..... 3

Capstone (JRN 410)..... 3

History of Mass Media (COMM 471)..... 4

Mass Media Law (COMM 481)..... 4

Mass Media Ethics (COMM 491)..... 4

Complete at least 2 credits from the following courses:

Photojournalism (JRN 321)..... 4

Picture Editing, Layout, and Design (JRN 322).... 4

Principles of Public Relations (PR 331)..... 4

Broadcast Journalism: Newswriting (JRN 362).... 4

Opinion Writing (JRN 371)..... 4

Broadcast Journalism: Field Reporting (JRN 372).... 4

Activities: Siskiyou (JRN 377)..... 1-4

Broadcast Journalism: TV Studio News

Presentation (JRN 382)..... 4

Mass Communication Theory (COMM 370)..... 4

International Communication (COMM 441)..... 4

Topics in Communication (COMM 460)..... 4-8

Literary Journalism Workshop (JRN 461)..... 4

Gender, Race, and Media (COMM 470)..... 4

## PHOTOJOURNALISM

Complete the following courses:

Communication Across Cultures (COMM 200).... 4

Media Across Cultures (COMM 201)..... 4

Digital Media Foundations I (DMF 201) and

Digital Media Foundations Lab (DMF 201L).... 2,2

Introduction to Visual Journalism (JRN 241)..... 4

Journalistic Writing (JRN 251)..... 4

Newswriting (JRN 261)..... 4

Research Strategies (COMM 300)..... 4

Photojournalism (JRN 321)..... 4

Picture Editing, Layout, and Design (JRN 322).... 4

Advanced Photojournalistic

Techniques (JRN 323)..... 4

Activities: Siskiyou (JRN 377)..... 1

Journalism Internship (JRN 409)..... 3

Capstone (JRN 410)..... 3

History of Mass Media (COMM 471)..... 4

Mass Media Ethics (COMM 491)..... 4

Complete at least 4 credits from the following courses:

Copyediting (JRN 341)..... 4

Journalism Activities (JRN 377)..... 1-6

Mass Communication Theory (COMM 370)..... 4

International Communication (COMM 441).....	4
Topics in Communication (COMM 460).....	4
Gender, Race, and Media (COMM 470).....	4
Mass Media Law (COMM 481).....	4
Color Photography (ART 342).....	4
Design for Multimedia (AM 334).....	4
Video Production Aesthetics (VP 115).....	4
Introduction to Field Production (VP 215).....	4
Cultural Anthropology: Perspectives on Humanity (ANTH 213).....	4
Art, Culture, and Technological Change (ARTH 330).....	4
Journalism Internship (JRN 409).....	1-3

### Media Arts

#### (60 credits)

Students earning the bachelor of arts or science degree in communication/media arts may choose from film studies or video production emphases.

### FILM STUDIES

Complete the following courses:

Communication Across Cultures (COMM 200).....	4
Media Across Cultures (COMM 201).....	4
Research Strategies (COMM 300).....	4
Video Production Aesthetics (VP 115).....	4
Introduction to Field Production (VP 215).....	4
Masterpieces of Film (FLM 295).....	4
Film Genres (FLM 296).....	4
Major Film Directors (FLM 297).....	4
Contemporary Production Theory (VP 363).....	4
Capstone: Projects for RVT/SOU (COMM/VP 410).....	1-4
Topics in Communication (COMM 460) or History of Mass Media (COMM 471).....	4

Complete at least 16 credits from the following courses:

Politics and Film (PS 260).....	4
Digital Video (AM 335).....	4
Human Behavior and Film (PSY 313).....	4
Script Writing (VP 312).....	4
Advanced Field Production (VP 315).....	4
Special Studies (VP 399).....	4
Topics in Hispanic Film (SPAN 320/FLM 320).....	4
Topics in French Film (FR 350/FLM 350).....	3-4
Mass Communication Theory (COMM 370).....	4
Shakespeare on Film (FLM 237).....	4
Seminar: Topics in Film (FLM 407).....	4
Anthropological Film (ANTH 455).....	4
Topics in Film (ENG 495).....	4

### VIDEO PRODUCTION

Complete the following courses:

Communication Across Cultures (COMM 200).....	4
Media Across Cultures (COMM 201).....	4
Research Strategies (COMM 300).....	4
Video Production Aesthetics (VP 115).....	4
Studio Techniques for Video Production (VP 172).....	4
Introduction to Field Production (VP 215).....	4
Masterpieces of Film (FLM 295).....	4
Film Genres (FLM 296).....	4
Major Directors (FLM 297).....	4
Advanced Field Production (VP 315).....	4
Contemporary Production Theory (VP 363).....	4
Advanced Activities for Video Production (VP 372).....	4
Topics in Communication (COMM 460) or History of Mass Media (COMM 471).....	4
Projects for RVT/SOU (VP 410).....	1-4

Complete at least 7 credits from the following courses:

Digital Media Foundations (DMF 201).....	4
Introduction to Multimedia (AM 233).....	4
Digital Video (AM 335).....	4
Web Authoring (AM 337).....	4
Shakespeare on Film (FLM 237).....	4
Politics and Film (PS 260).....	4
Human Behavior and Film (PSY 313).....	4
Introduction to Visual Journalism (JRN 241).....	4
Broadcast Journalism: Field Reporting (JRN 372).....	4
Script Writing (VP 312).....	4
Advanced Activities for Video Production (VP 372).....	1-8
Applied Editing Techniques for Field and Studio Production (VP 375).....	4
Special Studies (VP 399).....	4
Practicum (VP 409).....	4-12
Small Group Communication (COMM 225).....	4
Mass Communication Theory (COMM 370).....	4
International Communication (COMM 441).....	4
Gender, Race, and Media (COMM 470).....	4
Mass Media Law (COMM 481).....	4
Mass Media Ethics (COMM 491).....	4
Projects for RVT/SOU (VP 410).....	1-4

### Minors

Students must achieve a 2.75 GPA in 28 credits of communication coursework listed below to earn a minor in communication. All courses must be taken for a letter grade unless instructor permission is obtained.

### Film Studies

The film studies minor is an interdisciplinary minor with an emphasis on theory, criticism, history, and analysis of film, rather than on the how-to component of film production. The minor spans various disciplines, including sociology and anthropology, art history, communication, English and writing, foreign languages and literatures, political science, and psychology. Students are required to earn at least 28 credits in the following manner:

#### Required Courses (8 credits)

Choose two of the following three courses:	
Masterpieces of Film (FLM 295).....	4
Film Genres (FLM 296).....	4
Major Film Directors (FLM 297).....	4

Note: Students may use the third course as an elective to fulfill the additional 16 required credits.

#### Electives (20 credits)

Anthropological Film (ANTH 455).....	4
Race, Gender, and Ethnicity in Art (ARTH 450/550).....	4
Media Across Cultures (COMM 201).....	4
Contemporary Production Theory (VP 363).....	4
Topics in World Literature: Contemporary Chinese Fiction and Film; Contemporary West African Literature and Film (ENG 455).....	4
Topics in Film (ENG 495).....	4
Shakespeare on Film (FLM 237).....	4
Seminar: Topics in Film (FLM 407).....	4
Topics in Hispanic Film (FLM 320).....	4
Topics in French Film (FR 350/FLM 350).....	3-4
Politics and Film (PS 260).....	3
Human Behavior and Film (PSY 313).....	2-4
Global Culture and the Media (SOC 333).....	4

Special Studies: Introduction to Spanish Film (SPAN 199/399).....

4

Selected Genre or Period Studies: Hispanic Film as Literature (SPAN 421).....

1-6

Special Studies (VP 399).....

4

Note: Other film courses may be offered that qualify as film studies minor electives with advisor consent.

### Human Communication

#### Required Courses (28 credits)

Complete the following courses:

Communication Across Cultures (COMM 200).....	4
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Media Across Cultures (COMM 201).....	4
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Complete 4 credits from the following:

Interpersonal Communication (COMM 125).....	4
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Public Speaking (COMM 210).....	4
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Research Strategies (COMM 300).....	4
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Complete 16 credits from the following:

#### Electives

Communication Theory (COMM 301).....	4
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Advanced Public Speaking (COMM 310).....	4
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Nonverbal Communication (COMM 324).....	4
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Interviewing and Listening (COMM 330).....	4
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Discourse Analysis of Social Problems (COMM 332).....	4
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Persuasion (COMM 342).....	4
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Argumentation, Debate, and Critical Thinking (COMM 343).....	4
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Relational Communication Processes (COMM 407).....	4
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Mediation and Conflict Management (COMM 448).....	4
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Evaluation of Public Communication (COMM 412).....	4
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Gender and Human Communication (COMM 425).....	4
--	---

International Communication (COMM 441).....	4
---	---

Negotiation and Conflict (COMM 455).....	4
--	---

Topics in Communication (COMM 460).....	4-8
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Gender, Race, and Media (COMM 470).....	4
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Organizational Communication (COMM 475).....	4
--	---

Women Transforming Language (COMM 460A).....	4
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Communication and Third-World Development (COMM 460B).....	4
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Culture, Identity, and Communication (COMM 460C).....	4
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### Journalism

#### Required Courses (20 credits)

Communication Across Cultures (COMM 200).....	4
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Media Across Cultures (COMM 201).....	4
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Journalistic Writing (JRN 251).....	4
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Newswriting (JRN 261).....	4
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Mass Media Ethics (COMM 491).....	4
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Choose 8 credits from the following:

#### Electives

Introduction to Visual Journalism (JRN 241).....	4
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Photojournalism (JRN 321).....	4
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Copyediting (JRN 341).....	4
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Reporting (JRN 361).....	4
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Opinion Writing (JRN 371).....	4
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Feature Writing (JRN 381).....	4
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Journalism Internship (JRN 409).....	3
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Literary Journalism Workshop (JRN 461).....	4
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Mass Media Law (COMM 481).....	4
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## Media Studies

### Required Courses (28 credits)

Communication Across Cultures (COMM 200).....	4
Media Across Cultures (COMM 201).....	4
Mass Communication Theory (COMM 370).....	4
International Communication (COMM 441).....	4
Gender, Race, and Media (COMM 470).....	4
History of Mass Media (COMM 471).....	4
Mass Media Ethics (COMM 491), Mass Media Law (COMM 481), or Topics in Communication (COMM 460).....	4

## Video Production

The video production minor is useful to students in a variety of fields, including art, business, applied multimedia, film studies, theatre, communication, social sciences, English and writing, and foreign language and literatures. The emphasis is on aesthetics, remote video and studio production and activities, digital editing, and design. While students may choose the video production track, they are required to take courses in other areas.

The minor is divided into four specific areas: applied multimedia, video production, art, and computer science. Students must work closely with their departmental advisor and the video production coordinator to ensure that all requirements are met.

### Required Courses (28 credits, 12 of which must be upper division)

Video Production Aesthetics (VP 115).....	4
Studio Techniques for Video Production (VP 172).....	4
Introduction to Field Production (VP 215).....	4
At least 2 credits of Advanced Activities for Video Production (VP 372) .....	4

(4 credits)

Select one of the following required courses:

Script Writing (VP 312).....	4
Advanced Field Production (VP 315).....	4
Applied Editing Techniques for Field and Studio Production (VP 375) .....	4

## Electives

Select two additional courses from the following:

(8 credits)

Introduction to Multimedia (AM 233) .....	4
Digital Video (AM 335).....	4
Web Authoring (AM 337).....	4
Script Writing (VP 312).....	4
Advanced Field Production (VP 315).....	4-12
Advanced Activities for Video Production (VP 372) .....	2-8

Applied Editing Techniques for Field and Studio Production (VP 375) .....	4
Special Studies (VP 399) .....	4

Practicum (VP 409).....	TBD
Projects for RVT/ SOUT (VP 410) .....	4-12

## Certificate in Management of Human Resources (CMHR)

The Certificate in Management of Human Resources (CMHR) is offered jointly by the School of Business, the Psychology Department, and the Communication Department. The program is open to current upper division undergraduate, graduate, and postbaccalaureate and professional development students.

To receive this certificate, students must meet

the 36-credit course requirements listed in the *Certificates* section of this catalog.

## Academic Credit Policies

### ACTIVITIES, PRACTICA, AND INTERNSHIPS

The Department of Communication has adopted the following policies regarding academic credit for human communication activities, internships, and practica. Students should also view additional policies in the information packet available from the human communication practicum administrator. No more than 12 credits of COMM 377, 409, and 410 may be applied to the human communication major. Credits accrued in COMM 377, 409, and 410 beyond the first 12 will apply toward the 180 credits required for graduation, but not toward the major. No more than 20 credits of COMM 199, 277, 377, 401, 405, 408, 409, and 410 may be applied to the 60-credit minimum for the human communication major. The remaining 40 credits must be earned through completion of formal classroom courses.

### ACTIVITY COURSES

Activity courses involve an on-campus communication activity approved by the Communication Department chair. Such activities include, but are not limited to, working for the University's student newspaper or radio station, aiding a departmental faculty member as a teaching or research assistant, judging high school or SOU forensics tournaments, working on departmental and University publications, helping with Relationships Week, and serving as a member of the SOU Orientation Team. Activity credits may be earned under COMM 377 or JRN 377. COMM 377 is recommended, but not required, for human communication majors. Students may:

1. register for no more than 4 credits of COMM 377 per term but repeat it in subsequent terms for credit;
2. apply no more than 6 credits of COMM 377 to the human communication major; and
3. register for no more than a total of 12 credits of COMM 377.

COMM 377 credits count toward the 60 communication credits required of human communication majors, but not toward the 28 upper division communication credits required for the major. Activity courses may not be taken for a letter grade without instructor consent.

### PRACTICA AND INTERNSHIPS

Practicum credits are earned for off-campus communication internships. Students may earn practicum credits by working at radio and television stations, newspapers, or advertising and public relations agencies; volunteering at a variety of social service agencies (e.g., HelpLine, the Rape Crisis Center, and Dunn House); or working with youth organizations, health care facilities, charitable organizations, political campaigns, governmental offices, magazines, chambers of commerce, or arts organizations. Practicum credits may be earned under COMM 409/509 or JRN 409/509. Students may:

1. register for no more than 4 credits of COMM 409 per term, but repeat it in subsequent terms for credit;

2. apply no more than 6 credits of COMM 409 to the human communication major; and

3. register for no more than a total of 15 credits of COMM 409.

COMM 409 credits count toward the 60 communication credits required of human communication majors and also toward the 28 upper division credits required for the major. Practicum courses may not be taken for letter grade without prior instructor approval.

## Graduate Study

Graduate students may choose communication as the secondary emphasis in the school area degree (see *Graduate Studies*). This requires students to have previously finished three of the following courses: COMM 125, 210, 225, or 342. Graduate work must include Communication Theory (COMM 560) and two additional graduate courses in communication. Exceptions may be made on rare occasions with the approval of the student's advisor.

## Communication Courses

### LOWER DIVISION COURSES

#### COMM 125 Interpersonal Communication

4 credits

Focuses on message exchange in dyadic interaction. Emphasizes development of various communication skills in interpersonal contexts.

#### COMM 199 Special Studies

Credits to be arranged

#### COMM 200 Communication Across Cultures

4 credits

Provides an introduction to cultural and intercultural communication. Students are exposed to a variety of ways in which cultures and communication intersect through readings, lectures, and guest speakers from the multicultural community. Approved for University Studies (Explorations).

#### COMM 201 Media Across Cultures

4 credits

Offers a critical evaluation of how the media influence individual and societal perceptions, values, and behavior. Examines a variety of media systems and practices across cultures that contribute to individual and collective meaning; analyzes how that process shapes communication practices. Approved for University Studies (Explorations).

#### COMM 210 Public Speaking

4 credits

Emphasizes the development of public speaking abilities and critical awareness of the processes, content, and forms of oral communication. Open to freshmen and sophomores who do not have previous speech experience.

**COMM 225 Small Group Communication**

4 credits

Examines the communication variables within the small, task-oriented group. Emphasizes the decision-making process.

**UPPER DIVISION COURSES****COMM 300 Research Strategies**

4 credits

Examines key concepts and methods for gathering and evaluating information. Students gain an understanding of the research processes within the field of communication, from formulating a research question and organizing a search strategy to hands-on research and academic writing. Prerequisite course for all communication majors taking 400-level courses. Prerequisites: COMM 200, 201 and either USEM 101, 102, or 103.

**COMM 301 Communication Theory**

4 credits

Examines a broad range of communication theories within the dyadic, group, organizational, public, intercultural, and mass communication contexts. Prerequisites: COMM 200 and 201.

**COMM 310 Advanced Public Speaking**

4 credits

Public speaking course for students who have taken an introductory course and college juniors and seniors with experience in public speaking who have not taken COMM 210. Emphasizes content strategies, alternate organizational patterns, speaking styles, and use of language.

**COMM 324 Nonverbal Communication**

4 credits

Examines the nonlinguistic aspects of human communication. Students review empirical literature and participate in exercises to promote awareness of and skill development in nonverbal communication. Prerequisite: COMM 125.

**COMM 330 Interviewing and Listening**

4 credits

Examines and develops interviewee and interviewer skills in job selection interviews, as well as social scientific interviewing techniques. Prerequisite: Junior standing or above.

**COMM 332 Discourse Analysis of Social Problems**

4 credits

Examines the construction of social problems (such as homelessness and hunger) by media; policymakers; and stakeholders, including community-based groups, social movements, and nongovernmental and civic organizations. Explores how voices and perspectives are framed and disseminated in the public realm and how power works through language, texts, and social action. Includes a community-based learning component involving community service, applied projects, and reflective, action-based learning. Prerequisite: Junior standing or above.

**COMM 340 Family Communication**

4 credits

Introduces communication phenomena in the setting of the family. Focuses on understanding how we develop, maintain, enhance, or disturb family relationships through a variety of communicative processes, with an emphasis on systems, dialectical, and narrative theories. Analyzes the form and function of family stories from a constructionist perspective (including what gets told, by whom, how, and when) and examines the meanings these stories hold for family members. Prerequisite: COMM 125.

**COMM 342 Persuasion**

4 credits

Study and practice of persuasive communication. Examines social and psychological foundations, ethical issues, and contemporary theory and practice. Prerequisite: COMM 210.

**COMM 343 Argumentation, Debate, and Critical Thinking**

4 credits

Explores critical thinking through creating, defending, and critiquing propositions of value and policy. Teaches argumentative strategies for political and competitive debate. Approved for University Studies (Integration). Prerequisite: COMM 210.

**COMM 370 Mass Communication Theory**

4 credits

Introduces and analyzes various social scientific and critical theoretical models of mass communication. Emphasizes the relationship of these theories to mass media in today's society. Prerequisite: COMM 201.

**COMM 377 Activities**

1 to 4 credits a term (maximum 12 credits)

Supervised on-campus communication activity approved by the Communication Department chair or designee. Includes the application of principles and theories of communication in educational, professional, and community settings. See *Academic Credit Policies* for credit information.

**COMM 399 Special Studies**

Credits to be arranged

**COMM 401/501 Research\***

Credits to be arranged

\*COMM 501, 505, and 507 are limited to 12 credits singly or in combination.

**COMM 403/503 Thesis**

Credits to be arranged

**COMM 405/505 Reading and Conference\***

Credits to be arranged

\*COMM 501, 505, and 507 are limited to 12 credits singly or in combination.

**COMM 407/507 Seminar\***

Credits to be arranged

\*COMM 501, 505, and 507 are limited to 12 credits singly or in combination.

**COMM 408/508 Workshop**

Credits to be arranged

**COMM 409/509 Practicum/Internship**

Credits to be arranged (maximum 15 credits)

Supervised off-campus internship approved by the Communication Department chair or designee. Includes the application of principles and theories of communication in educational, professional, and community settings. See *Academic Credit Policies* for credit information. Prerequisite: COMM 300.

**COMM 410 Capstone**

1 to 2 credits a term (maximum 12 credits)

Course project, research paper, teaching assistantship, internship, or practicum supervised by a faculty member. Project synthesizes four years of learning and includes a written and oral presentation. Prerequisites: COMM 300 and instructor consent.

**COMM 411 Intensive Experiential Learning**

12 credits

Students explore career interests by working full time for one term under academic supervision in a career-oriented environment. Cooperative education integrates academic study and cooperative work. Prerequisite: COMM 409.

**COMM 412/512 Evaluation of Public Communication**

4 credits

Surveys and applies the major classical and twentieth-century approaches to analysis and criticism of public communication. Emphasizes understanding and applying various models of analysis. Prerequisite: COMM 300, BA 324, or PSY 229.

**COMM 425/525 Gender and Human Communication**

4 credits

Examines the function of communication in the social construction of gender. Exposes students to historical and contemporary prescriptions relating to women's and men's verbal and non-verbal behaviors within a variety of contexts. Prerequisites: COMM 125 and 300; or PSY 229; or BA 324.

**COMM 441/541 International Communication**

4 credits

Covers historical and contemporary perspectives regarding global communication, including media systems, technologies, coverage, representations, flow of information, advertising, public relations, and development communication. Approved for University Studies (Integration). Prerequisite: COMM 300.

**COMM 448/548 Mediation and Conflict Management**

4 credits

Introduces students to the fundamental concepts and theories of dispute resolution and assists them in developing the basic skills and knowledge for productively managing their own and intervening in others' disputes. Class time consists primarily of practice and roleplay, as well as lecture, lecture-discussion, and coaching by professional mediators. Certificate of completion provided with successful completion of the course. Cross-listed in other departments. Additional fees/tuition may apply.

**COMM 455/555 Conflict Resolution**

4 credits

Explores negotiation and conflict across a variety of contexts (e.g., interpersonal, organizational, international). Students develop skills for productively managing their own conflicts and negotiation contexts. Prerequisites: COMM 125 and 300; or PSY 229; or BA 324.

**COMM 460/560 Topics in Communication**

4 credits

Examines selected topics in communication based on interest and need. Repeat credit is allowed for different topics. Prerequisites: COMM 300. Topics include, but are not limited to, the following:

**Civil Rights Movement and the Media.** A detailed examination of the role of the media as it relates to the civil rights movement. Proposes that the media were more pawns than major players in the chess match that was the civil rights movement.

**Communication, Culture, and Technology.** Examines how technology affects communication, with an emphasis on the Internet and other forms of computer-mediated communication.

**Contemporary Theories of Persuasion.** Reviews the major theories of persuasive communication, including the works of Kenneth Burke, I. A. Richards, Richard Weaver, Stephen Toulmin, Chaim Perelman, Milton Rokeach, Ernesto Grassi, Jurgen Habermas, and Michel Foucault. Prerequisite: COMM 342.

**Freedom of Speech.** Explores the history and development of freedom of speech and expression in the United States, concentrating on significant Supreme Court decisions and contemporary conflicts.

**Gender, Politics, and Media.** Explores the intersections between gender, politics, and media in American society. Emphasizes media performance and the relationship between gender, politics, and those who work in the media. Analyzes ways in which the media covers "gender politics" and its implications. Addresses political phenomena such as "the gender gap," "the year of the woman," and "the year of the angry, white male." Prerequisites: COMM 200, 201, 300.

**Political Communication.** Analyzes political communication practiced by candidates, public officials, and lobbyists, with an emphasis on campaigns, legislative and administrative communication, and lobbying. Prerequisite: COMM 342.

**Texts of Truth.** Explores rhetorical approaches to the interpretation of the major sacred texts of monotheistic religions and United States civil religion. Uncovers assumptions about the texts, as well as readers' and authors' underlying interpretations. Encourages rhetorical criticisms of sacred texts.

**COMM 460A Women Transforming Language**

4 credits

Explores how diverse groups of feminists have transformed the history of Western rhetorical theory. Requires research on one significant

feminist to advance the ongoing academic conversation about women's additions to and revisions of rhetoric. Approved for University Studies (Integration).

**COMM 460B Communication and Third-World Development**

4 credits

Explores the strategic application of communication technologies and practices to effect social and economic change in third-world nations and regions. Includes historical, theoretical, and practical exploration of the field of development communication; critical responses to dominant paradigms of development; and emergent or alternative approaches to development and communication that seek empowerment, participation, social justice, and cultural autonomy in marginalized or impoverished communities throughout the world. Approved for University Studies (Integration).

**COMM 460C Culture, Identity, and Communication**

4 credits

Addresses issues surrounding construction and communication of cultural identities within and across cultural communities from critical, social, and historical perspectives. Examines the multiplicity, dynamics, and negotiation of culture and cultural identities in national and global contexts. Approved for University Studies (Integration).

**COMM 470/570 Gender, Race, and Media**

4 credits

Considers how the media contribute to the social construction of masculinity, femininity, and race. Examines the potential effects of mainstream media messages on the self and others, including the role of the media in shaping reality. Also explores the portrayal of power in media images. Prerequisites: COMM 300.

**COMM 471/571 History of Mass Media**

4 credits

Reviews the major events, trends, concepts, and persons involved in the growth and development of mass media in the United States. Prerequisites: COMM 201 and 300.

**COMM 475/575 Organizational Communication**

4 credits

Studies the formal and informal channels of the message movement (up, down, and lateral) in modern profit and nonprofit organizations. Examines the role of communication in different theoretical approaches (e.g., classical, cultural, systems, and human resources) and organizational processes (e.g., assimilation, leadership, and decision making). Prerequisites: COMM 125 or 225 and COMM 300; or PSY 229; or BA 324.

**COMM 481/581 Mass Media Law**

4 credits

Studies the constitutional freedoms and statutory limitations affecting mass media in the U.S. Topics include freedom of the press, the right of privacy, libel, media and the courts, copyright, broadcast and cable regulation, obscenity, access to information, advertising regulation, and

freedom of the scholastic press. Prerequisites: COMM 201 and 300; or PSY 229; or BA 324.

**COMM 491/591 Mass Media Ethics**

4 credits

Explores ethical theories and analyzes major ethical questions facing mass media, such as invasion of privacy, campaign coverage, compassion versus need-to-know, revealing information sources, conflict of interest, advertising content, and coverage of crime and violence. Prerequisites: COMM 201 and 300; or PSY 229; or BA 324.

**Digital Media Foundations Courses****LOWER DIVISION COURSES****DMF 201 Digital Media Foundations I**

2 credits

Provides an introduction to the fundamentals of visual narrative, design, and critical thinking about the creation of visuals in a digital age. DMF 201 serves as a prerequisite or recommended course for several upper division classes in art, applied multimedia, computer science, photojournalism, and video production. Corequisite: DMF 201L.

**DMF 201L Digital Media Foundations I Lab**

2 credits

Students complete a series of projects combining contemporary techniques in digital photography, graphic design, and illustration. Corequisite: DMF 201.

**Film Courses****LOWER DIVISION COURSES****FLM 237 Shakespeare on Film**

4 credits

Analyzes film and television productions and adaptations of Shakespeare plays from the silent era to the present, with attention to both their interpretations of Shakespeare's text and their cinematic art (e.g., directorial technique, camerawork, lighting, costume, location). Includes films by such directors as Olivier, Welles, Kurosawa, Zeffirelli, Branagh, and Luhrmann. (Cross-listed with SHS 237.)

**FLM 295 Masterpieces of Film**

4 credits

Examines representative great films whose techniques have shaped the form as we know it today. Typically covers American and European silent films, as well as those from the 1930s and 1940s.

**FLM 296 Film Genres**

4 credits

Explores popular film genres such as the Western, the musical, the thriller, science fiction, the detective story, the epic, and the comedy of silent films. Emphasizes cultural and artistic value, the characteristics of each form, and variations within forms.

**FLM 297 Major Film Directors**

4 credits

Analyzes works by selected international film directors who have made significant contribu-

tions to cinematic art, including Fellini, Hitchcock, Eisenstein, Kurosawa, Bergman, Welles, Altman, and Buñuel.

#### UPPER DIVISION COURSES

##### **FLM 320 Topics in Hispanic Film**

4 credits

Examines selected topics in Hispanic cinema, focusing on insights into cultures, history, and film production and practices in Hispanic countries, with additional emphases on film theory, form in film, and the major Hispanic film industries (Spain, Mexico, Argentina, and Cuba). Courses may focus on masterpieces of film, great directors, women in cinema, cultural identity, post-structuralism, or post-colonialism. Repeat credit is allowed for different topics.

##### **FLM 350 Topics in French Film**

3 to 4 credits

Examines selected topics in French cinema, focusing on insights into French culture as seen through film. Recent topics include Masterpieces of French Film, Film and Cultural Identity, and French Film and Society. May be repeated for credit when topic changes. Approved for University Studies (Synthesis). Prerequisites: Completion of all lower division University Studies requirements.

##### **FLM 399 Special Studies**

Credits to be arranged

##### **FLM 407/507 Seminar: Topics in Film**

1 to 2 credits

#### Journalism Courses

##### LOWER DIVISION COURSES

##### **JRN 251 Journalistic Writing**

4 credits

Emphasizes newspaper style and structures, including the inverted pyramid, grammar, punctuation, spelling, and principles of clear, concise writing.

##### **JRN 261 Newswriting**

4 credits

Introduces interviewing, making news judgments, news-gathering, and alternative structures of stories. Focuses on spot news, speeches, obituaries, and press releases. Prerequisite: JRN 251.

#### UPPER DIVISION COURSES

##### **JRN 321 Photojournalism**

4 credits

Covers the study, mastery, and application of skills required for newspaper and magazine photojournalism, including photo content, photo essay, editor-photographer relationships, ethics of photojournalism, and printing techniques. Includes production of computer images. Prerequisite: Demonstrated photography and darkroom skills. Prerequisites: JRN 251, ART 240, 250.

##### **JRN 322 Picture Editing, Layout, and Design**

4 credits

Emphasizes the selection, placement, and positioning of photographic images in print and

on screen. Introduces students to the process of evaluating, cropping, toning, and selecting images for publication and portfolio presentation. Places importance on caption writing, layout, typography, and design as they relate to image creation and editing. Prerequisites: DMF 201; JRN 251, 261, and 321.

##### **JRN 323 Advanced Photojournalistic Techniques**

4 credits

Provides advanced skills in lighting, portfolio development, ethics, law, and visual storytelling techniques. Emphasizes researching and creating picture stories, documentary work, and long-form visual storytelling. Prerequisites: DMF 201; JRN 251, 261, 321, and 322.

##### **JRN 341 Copyediting**

4 credits

Provides instruction and practice in editing newspaper copy, writing headlines, and caption writing in journalism. Prerequisite: JRN 261.

##### **JRN 361 Reporting**

4 credits

Focuses on reporting governmental affairs, specialized reporting, and investigative reporting. Analyzes budgets and information-gathering techniques. Prerequisite: JRN 261.

##### **JRN 362 Broadcast Journalism: Newswriting**

4 credits

Introduces newswriting for broadcast and broadcast news production. Examines the ethical standards, missions, and practices of broadcast news organizations. Prerequisites: JRN 251, 261, and 361.

##### **JRN 371 Opinion Writing**

4 credits

Examines the theory and practice of writing editorials, commentaries, and reviews, including gathering information and establishing structure. Prerequisite: JRN 261.

##### **JRN 372 Broadcast Journalism: Field Reporting**

4 credits

Provides a conceptual foundation and a working knowledge of how to prepare ethically balanced, professional quality news reports for broadcast. Prerequisite: JRN 362.

##### **JRN 377 Activities**

1 to 2 credits

Supervised activity in various forms of journalism/photojournalism. Includes the application of principles and theories of communication in educational, professional, and community settings. Students may choose to write for the Siskiyou, the main campus newspaper. No more than 6 credits may be applied toward the major. May not be taken for a letter grade without instructor consent.

##### **JRN 381 Feature Writing**

4 credits

Students examine marketing manuscripts and write feature stories for newspapers and magazines. Prerequisite: JRN 261.

##### **JRN 382 Broadcast Journalism: TV Studio News Presentation**

4 credits

Emphasizes advanced news-gathering, studio production, and on-air performance techniques for television news and public affairs programming. Students gather news and produce studio broadcasts, as well as practice techniques for field reporting, TV newscast production, TV newswriting, on-camera and voiceover presentation, field and studio interviews, live remotes, commentary, and critical reviews. Prerequisite: JRN 362 and 372.

##### **JRN 399 Special Studies**

Credits to be arranged

##### **JRN 409/509 Journalism Internship**

1 to 6 credits

Supervised learning experience with a professional media outlet, advertising, governmental, or nonprofit organization. Designed to introduce students to a professional learning environment while applying classroom knowledge to a professional setting. Provides a natural transition from academic to workplace environments. Prerequisite: Instructor consent.

##### **JRN 410A Journalism: Individual Capstone**

1 to 4 credits

Gives senior students an opportunity to put their journalism training into practice by producing a body of work that proves competency and knowledge in their specific field of study (photojournalism or news-editorial). Prerequisites: Senior standing and instructor consent.

##### **JRN 410B Journalism: Team Capstone Project**

1 to 4 credits

Allows students to examine a community issue in-depth and create a series of stories, photos, and graphics to both educate the community and demonstrate each student's journalistic skills. Prerequisites: Senior standing and instructor consent.

##### **JRN 461 Literary Journalism Workshop**

4 credits

Reviews the historical development of the content and style of nonfiction journalistic writing. Develops literary journalistic, storytelling style using multiple writing exercises. Prerequisites: JRN 251, 261, and 361.

#### Video Production Courses

##### LOWER DIVISION COURSES

##### **VP 115 Video Production Aesthetics**

4 credits

Provides an introduction to the fundamental perceptions, practices, and language of video production. Required of all students who lack a working knowledge of video production before they can enroll in other departmental video production courses.

##### **VP 172 Studio Techniques for Video Production**

4 credits

Provides an introduction to basic equipment and operating techniques of studio production.

Explores camera operation, the language of video production, and other necessary equipment and techniques.

#### VP 215 Introduction to Field Production

4 credits

Provides an introduction to the necessary production processes, equipment, and equipment applications for video field production.

#### UPPER DIVISION COURSES

##### VP 312 Scriptwriting

4 credits

Introduces and applies the unique techniques and practices of scriptwriting for film and video production. Prerequisites: VP 115, 172, or 215.

##### VP 315 Advanced Field Production

4 credits

Involves supervised application of field production techniques to assigned projects, which must result in a professional product (ready to be edited) for distribution. Prerequisites: VP 115 and 215.

##### VP 363 Contemporary Production Theory

4 credits

Study and application of contemporary theory and criticism as it relates to film and video. Topics include formalism, expressionism, realism, and postmodernism.

##### VP 372 Advanced Activities for Video Production

4 credits

Offers supervised video experience using University television production facilities providing programming for RVTV. Students are expected to work in RVTV studios. Prerequisite: VP 172.

##### VP 375 Applied Editing Techniques for Field and Studio Production

4 credits

Prerequisites: VP 115, 172, and 215.

##### VP 409 Practicum

Credits to be arranged

Students work in professional settings, on or off campus, gaining pertinent production and industry experience.

##### VP 410 Projects for RVTV/SOU

Credits to be arranged

Involves professional application of acquired skills to course projects for RVTV or other campus organizations. Producer certification required.

## Computer Science

Computing Services 212

541-552-6143

Greg Pleva, Chair

Professor: Daniel Wilson

Associate Professors: Daniel Harvey, Peter Nordquist,

Greg Pleva Kevin Sahr, Rahul Tikekar

Adjunct Faculty: Lynn Ackler, Dian Brandenburg,

Joe Caron, Tim Morton

Emeritus Faculty: George Converse, Lee Hill, Ken

Larson, Robert McCoy, Richard Peddicord

Computer science is an exciting and growing field with career opportunities ranging from running a small business to working in industry, government, or education. The computer science major emphasizes the current trend toward networking, computer security, and the Internet. The capstone experience prepares students for the job market by providing real-world work experience.

## Degrees

BA or BS in Computer Science with an option in Computer Information Science (CIS)

BA or BS in Computer Science with an option in Computer Programming and Software (CPS)

BA or BS in Computer Science with an option in Computer Science and Multimedia (CMM)

BA or BS in Computer Science with an option in Computer Security and Information Assurance (CSIA)

MA or MS in Mathematics-Computer Science with an emphasis in Computer Science (CS)

## Co-Major

Mathematics-Computer Science (see *Mathematics-Computer Science* for a description of this program)

## Minor

Computer Science

## Accelerated Baccalaureate Degree Program

Computer science majors may participate in the Accelerated Baccalaureate Degree Program. For more information, see the *Accelerated Baccalaureate Degree Program* section.

## Choosing a Major

Because computer science options are similar, students do not need to choose one until their sophomore or junior year. Students primarily interested in business information systems should choose the CIS option, while those whose main interest is programming should opt for CPS. CMM is available for students who want to combine multimedia and computer science fundamentals. The CSIA option allows students to focus on security and timely information transfer.

## Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Complete the core curriculum with a B or better in both Computer Science I (or Web

Development I) and Computer Science II (or Web Development II). Computer science majors meet the writing and research component by taking Computer Science III (CS 258) or Visual Basic (CS 380), Systems Software and Architecture (CS 326), and Systems Analysis (CS 469).

3. Choose the CPS, CIS, CMM, or CSIA option and complete the additional requirements for that option.
4. For the CPS, CIS, or CSIA option, complete 16 additional credits from computer science courses above the 250 level, as approved by the faculty advisor. For the CMM option, complete 20 additional credits above the 250 level with a CS prefix, as approved by the faculty advisor.
5. Maintain a GPA of at least 2.5 in upper division computer science courses.

## Capstone

The capstone experience is a three-term sequence (Systems Analysis, Capstone I, and Capstone II) that should be taken in the senior year. Students prepare for, design, and implement a project that solves a computer science or information systems problem. The project should be of sufficient size to be useful and to give the student a real-world experience, but it should also be small enough to be completed in two terms.

## Core Curriculum Required of All Computer Science Majors

### COMPUTER SCIENCE COURSES

(36 credits)

Computer Science I (CS 200) (CMM and CIS majors may take CS 210).....	4
Computer Science II (CS 257) (CMM and CIS majors may take CS 295).....	4
Computer Science III (CS 258) (CMM and CIS majors may take CS 380).....	4
Systems Software and Architecture (CS 326).....	4
Networks I (CS 336).....	4
Databases (CS 360).....	4
Systems Analysis (CS 469).....	4
Capstone Project I (CS 470).....	4
Capstone Project II (CS 471).....	4

### MATH COURSES

(4 credits)

Elementary Statistics (MTH 243) .....	4
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### Computer Programming and Software

### COMPUTER SCIENCE COURSES

(36 credits)

Machine Structures and Assembly Language (CS 275).....	4
C and UNIX (CS 367).....	4
Data Structures (CS 411).....	4
Compilers (CS 450) .....	4
Operating Systems (CS 459) .....	4
CS courses above the 250 level, except CS 310, 346, 401, 405, 407, and 409.....	16

### MATH COURSES

(8 credits)

Discrete Structures (MTH 235) .....	4
Calculus I (MTH 251).....	4

CPS majors interested in attending graduate school are strongly encouraged to take MTH 252 and 261 or to consider a mathematics-computer science co-major.

### Computer Information Science

#### BUSINESS COURSES

(24 credits)

Accounting Information I, II (BA 211, 213)	8
Principles of Marketing (BA 330)	4
Organizational Behavior and Management (BA 374)	4
BA upper division electives	8

#### COMPUTER SCIENCE COURSES

(20 credits)

CS courses above the 250 level, except CS 310, 346, 401, 405, 407, and 409	20
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### Computer Science and Multimedia

#### MULTIMEDIA COURSES

(24 credits)

Introduction to Multimedia (AM 233)	4
Choose 12–20 credits from the following courses:	
Design for Multimedia (AM 334)	4
Digital Video (AM 335)	4
Multimedia Authoring (AM 336)	4
Web Authoring (AM 337)	4
Web Interface Design, Graphics, and Animation (AM 338)	4
Selected Topics in Multimedia Seminar (AM 407)	1–4
Practicum in Multimedia (AM 409)	1–6
Choose up to 8 credits from the following courses, selected with advisor consent:	
Advanced Field Production (VP 315)	4
Applied Editing Techniques for Field and Studio Production (VP 375)	4
Digital Studio (ART 250)	4
Digital Interactive Studio (ART 351)	4
Digital Animation Studio (ART 352)	4
Digital 3D Modeling and Lighting Studio (ART 353)	4
Digital 3D Animation Studio (ART 354)	4
Computer Applications in Chemistry (CH 371)	3
Computer Imaging (CS 315)	4
Computer Graphics I (CS 316)	4

#### COMPUTER SCIENCE COURSES

(20 credits)

CS courses above the 250 level, except CS 310, 346, 401, 405, 407, and 409	20
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Note: CS 315 and 316 may count as multimedia courses or computer science courses, but not both.

### Computer Security and Information Assurance

#### COMPUTER SCIENCE COURSES

(36 credits)

C and UNIX (CS 367)	4
UNIX System Administration (CS 426)	4
Networks II (CS 436)	4
Security I (CS 456)	4
Security II (CS 457)	4

CS courses above the 250 level, except CS 310, 346, 401, 405, 407, and 409

#### OTHER COURSES

(8 credits)

Information Technology: Legal and Ethical Issues (PHL/CS 310)	4
Computer Forensics (CCJ/CS 346)	4

#### Minor

(28 credits)

Elementary Statistics (MTH 243)	4
Computer Science I (CS 200) or Web Development I (CS 210)	4

Computer Science II (CS 257) or Web Development II (CS 295)	4
Computer Science III (CS 258) or Visual Basic (CS 380)	4

Systems Software and Architecture (CS 326)	4
Networks I (CS 336)	4

Databases (CS 360)	4
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Students need at least a 2.5 GPA in the required courses.

### Digital Media Foundations

Through the College of Arts and Sciences, SOU provides interdisciplinary instruction in visual narrative, design, and creation of visuals in a digital age. For information on Digital Media Foundations courses, see the course listings within the *Art and Art History* or *Communication* sections.

### Graduate Program

The graduate program in computer science prepares students for careers in industry and provides additional instruction for professionals. Additionally, the program prepares students with strong research interests for entry into PhD programs at other universities. A set of practical courses builds on the knowledge gained from undergraduate coursework in computer science.

Students work individually with an advisor to create a program plan in an area of personal interest. The faculty specializes in areas such as databases and data mining, computational linguistics, GIS, computer graphics, game programming, distributed systems, Internet application, computer security, and forensics. With proper planning, it is possible to graduate in one year, although many students take longer. We offer evening classes that enable working students to complete the degree requirements with minimal impact to their busy schedules.

Graduate students have opportunities to engage in research and help the department in a variety of ways. Assistantships providing tuition and a stipend are available.

#### Admission Requirements

Students must meet SOU admission criteria and then be approved by the department for admission to the graduate program. Applications are reviewed on an ongoing basis. More details are available in this catalog under University admission policies. The department evaluates applications on the basis of the following:

- undergraduate GPA;
- GRE general test scores;
- three letters of recommendation from faculty;

- a statement of objectives; and

- undergraduate preparation in computer science.

We welcome and encourage students with backgrounds in other disciplines. The prerequisites to enter the program are as follows:

- Computer Science III (CS 258)
- Networks I (CS 336)
- Databases (CS 360)

Students without these prerequisites may still apply for admission. Admission can be approved as soon as the prerequisites are met with satisfactory grades.

#### Degree Requirements

All students must complete a minimum of 45 credits of approved graduate coursework. These must include the following:

- Three graduate-level courses in the Computer Science Department for a total of 12 credits.
- From 23 to 36 graduate credits taken within the Computer Science Department. These may include cross-listed courses.
- From 9 to 22 graduate credits from support-area departments. These may include cross-listed courses. Support-area departments are those approved by a student's graduate advisor.
- Complete either a project or a thesis. Both require a successful defense before a graduate committee of at least three faculty members chosen by the student and one appointed by the graduate council.

### Computer Science Courses

#### LOWER DIVISION COURSES

##### CS 109 Practicum

1 to 2 credits

##### CS 115 Microcomputer Applications I

4 credits

Introductory, hands-on course that surveys computer applications, including operating systems, word processors, spreadsheets, and databases.

##### CS 199 Special Studies

Credits to be arranged

##### CS 200 Computer Science I

4 credits

Introduces programming, including fundamental control and data structures.

##### CS 209 Practicum

Credits to be arranged

##### CS 210 Web Development I

4 credits

Provides an introduction to web design. Students learn how to create web pages using XHTML and a web development software package. Web pages will include frames, forms, cascading style sheets, animation, and sound. Students will also gain exposure to a popular

scripting language that will enable them to add additional functionality to their web pages. Script language concepts will include variables, loops, conditions, and arrays. Approved for University Studies (Explorations). Prerequisites: CS 115 or computer literacy.

**CS 226 An Introduction to UNIX**

4 credits

Introduces nonmajors to UNIX. Topics may include the characteristics of multiuser systems, ways to get help, remote access, the UNIX file system, UNIX commands, editing, and mail, with an introduction to command files and programming in UNIX if time permits. Programming experience recommended. Note: Students who have already taken CS 426 may not receive credit for this course.

**CS 257 Computer Science II**

4 credits

Introduces object-oriented programming. Reinforces the fundamental control and data structures of computer science and introduces data abstraction, classes, objects, polymorphism, and inheritance. Prerequisite: CS 200.

**CS 258 Computer Science III**

4 credits

Covers pseudocode, program documentation, input, output, generic methods, exception handling, and an object-oriented introduction to data structures. Prerequisite: CS 257.

**CS 275 Machine Structures and Assembly Language**

4 credits

Uses assembly language concepts to illustrate machine architecture and the translation of features in higher level programming languages. Discusses hardware features and capabilities and introduces direct video access and simple interrupt processing. Prerequisite: CS 257.

**CS 295 Web Development II**

4 credits

Focuses on web application development. Students learn how to create dynamically generated web pages using server-side scripting. Language concepts include searching databases, filtering and displaying results, form processing, passing data between pages, user authentication, session tracking, and other techniques for enhanced functionality. Prerequisites: CS 210 or demonstrated programming proficiency.

**UPPER DIVISION COURSES**

**CS 310 Information Technology: Legal and Ethical Issues**

4 credits

Inquires into the ethical and legal implications of the products, activities, and behaviors of digital technology users, emphasizing U.S. laws and technology. Examines digital works, copyright laws, software, business practice patents, and a few significant court cases that raise fundamental constitutional issues. Enables students to understand the complex laws surrounding digital technology and to be able to form sound ethical and legal positions in the digital world. Approved for University Studies

(Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with PHL 310.)

**CS 312 Simulation**

4 credits

Examines the theoretical and practical foundations of computer simulation. Studies simulations of discrete and continuous systems. Assigns projects using standard higher programming languages, as well as currently available simulation languages. Prerequisites: CS 257 and MTH 243.

**CS 313 Introduction to Game Programming**

4 credits

Introduces the design and programming techniques used to create computer games. Examines how user interface design, graphics, sound, data structures, and artificial intelligence are combined in highly interactive applications. Prerequisite: CS 257.

**CS 315 Computer Imaging**

4 credits

Introduces basic image-processing techniques, file formats, display methods, and the importance of imaging in the business and scientific communities. Topics include point, area, and geometric processing techniques; convolution techniques; and image enhancement. Prerequisite: CS 257 or equivalent programming experience.

**CS 316 Computer Graphics I**

4 credits

Introduces computer graphics and develops a graphics kernel system for use in several graphics projects. Presents the use of matrices to affect transformations of graphics displays, perspective, clipping, scaling, and hidden line techniques. Prerequisite: CS 367.

**CS 326 Systems Software and Architecture**

4 credits

Offers a functional, systems-level review of computing equipment and the organization of components and devices into computer architectural configurations. In addition to learning how to configure computer systems, students complete a research paper and presentation on some component within a computer system. Prerequisite: CS 200. Corequisite: CS 326L.

**CS 336 Networks I**

4 credits

Surveys local area network (LAN) systems with a focus on data communications. Explores serial transmission, LAN setup and administration, communication models (e.g., TCP and OSI), and protocols. Prerequisite: CS 257.

**CS 345 End User Computing**

4 credits

Introduces the information center concept and its methods for system configuration, as contrasted with the traditional lifecycle development methodologies. Includes information center techniques for providing consultation and assistance in the assembly and testing of systems components. Prerequisite: CS 257.

**CS 346 Computer Forensics**

4 credits

Surveys the technologies, techniques, and responsibilities of a criminal or civil investigation involving computers, networks, Internet service providers, and electronic evidence. Explores the ways a computer or a computer network can be associated with a crime. Examines rules of evidence and proof. Emphasizes maintaining an evidentiary trail through computer data and network activity. Reviews the responsibilities of the computer forensics investigator, the fragility of computer evidence, and the techniques used to protect evidence. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with CCJ 346.)

**CS 356 Programming Topics**

2 to 3 credits

Explores programming in different languages. Topics are based on interest and need. Offerings may include web programming and C++. Repeat credit is allowed for different topics. Prerequisites and credits determined by topic.

**CS 360 Databases**

4 credits

Introduces the concepts necessary for designing and implementing database systems. Emphasizes data modeling, normalization, and SQL. Prerequisite: CS 257.

**CS 367 C and UNIX**

4 credits

Explores concepts of the UNIX operating system and the C programming language. Students learn how to use UNIX and how to program in C on UNIX. Prerequisite: CS 257.

**CS 380 Visual Basic**

4 credits

Surveys the Visual Basic.net language and the Visual Studio.net programming environment. Topics include concepts of object-oriented programming, database basics and interactions, GUI development, web applications, creating and installing dynamic link libraries, and stand-alone programs. Prerequisites CS 200 or CS 250.

**CS 399 Special Studies**

Credits to be arranged

**CS 401/501 Research**

Credits to be arranged

**CS 403/503 Thesis**

Credits to be arranged

**CS 405/505 Reading and Conference**

Credits to be arranged

**CS 407/507 Seminar**

Credits to be arranged

**CS 409/509 Practicum**

Credits to be arranged

**CS 411/511 Data Structures**

4 credits

Develops data structures, with an emphasis on algorithms, characteristics, and applications. Examines alternative algorithms for manipulating data structures and their complexity. Applications include data management systems, file organization, information retrieval, and list processing. Prerequisite: CS 258.

**CS 418/518 Theory of Computation**

4 credits

Covers formal language and automata theory from finite state automata to Turing machines. Presents the Chomsky hierarchy of languages and the relationship between languages and automata. Prerequisite: CS 411.

**CS 426/526 UNIX System Administration**

4 credits

Introduces UNIX and shell programming, start-up and shut down, user administration, file systems, controlling processes, adding disks and cron, configuring the kernel, SLIP, PPP, and security. Prerequisites: CS 336 and 367.

**CS 432/532 Client-Server**

4 credits

Studies application design from a distributed processing perspective. Focuses on server-side programming using CGI scripts and application objects. Examines the issues involved in migrating traditional client-server applications to the Internet. Prerequisites: CS 336 and 360.

**CS 433/533 Corporate Web Development**

4 credits

Introduces XML, XSL, and XQL. Examines e-commerce, digital money, and data encryption. Students are required to work on an e-commerce project as part of the course. Prerequisite: CS 295.

**CS 436/536 Networks II**

4 credits

Continues Networks I. Offers an in-depth study of network administration. Topics may include Internet access, distributed programming methods, routing, congestion control, security, RPC, name resolution, message-based distributed applications, and Internet architectures. Prerequisite: CS 336.

**CS 446/546 Wireless Networks**

4 credits

Examines the world of wireless communication. Starting with the fundamentals of the generation and propagation of electromagnetic waves, it surveys information transmission techniques such as spread spectrum and phase shift keying, wireless LANs, personal networks, and cellular and satellite systems. Prerequisite: CS 336.

**CS 450/550 Compilers**

4 credits

Introduces compiler construction. Students create a compiler for a mini-language. Topics include grammars, lexical analysis, parsers, parser generators, code generation, and code optimization. Prerequisites: CS 275, 367, and 411.

**CS 455/555 Topics in Computer Science**

2 to 3 credits

Explores selected topics in computer science. Topics are offered based on interest and need. Repeat credit is allowed for varying topics. Prerequisites and credits are determined by topic.

**CS 456/556 Security I**

4 credits

Introduces the many facets of computer security and information assurance. Explores the security organization and infrastructure within an organization along with policies, standards, and procedures. Covers cryptographic protocols, modes, and algorithms, including DES, AES, RSA, and Kerberos. Prerequisite: CS 336.

**CS 457/557 Security II**

4 credits

Covers techniques and principles of design and configuration of secure workstations, servers, and LANs. Presents system and LAN intrusion detection and data assurance monitoring. Discusses the basics of virtual private networks and perimeter protection, as well as systems and tools used for implementation. Prerequisite: CS 456.

**CS 459/559 Operating Systems**

4 credits

Explores operating systems and components, operating characteristics, user services, and limitations. Covers implementation techniques for processing input-output and interrupt handling; overall structure of multiprogramming systems or multiprocessor configurations; and details of addressing techniques, core management, file system design and management, system accounting, and other user-related services. Prerequisite: CS 367.

**CS 460/560 Advanced Databases**

4 credits

Introduces integrity constraints and triggers, stored procedures, indexing and index structures, transactions, concurrency, locking, and web databases. Students usually work on a major project during the term. Prerequisite: CS 360.

**CS 462/562 Database Administration**

4 credits

Examines the tasks involved in administering a large and complex database management system (DBMS). Teaches hands-on techniques for installing, setting up, and maintaining a production database. Students use a popular DBMS (e.g., Oracle) to understand the concepts of managing structures, logs, data files, and users. Also prepares students to take the appropriate database administration (DBA) certification exams. Prerequisite: CS 360.

**CS 467/567 Secure Programming Practices**

4 credits

Explores software system threats, vulnerabilities, and controls from the programming perspective. Topics include threat-vulnerability analysis, buffer overflows, access control, race conditions, and input validation. Prerequisites: CS 258 and 360.

**CS 469/569 Systems Analysis**

4 credits

Covers object-oriented software system analysis techniques using Unified Modeling Language (UML). Explores software development methodologies, project planning and management, requirements analysis, and object-oriented design alternatives. Topics include use cases, conceptual data models, the analysis class model, and alternative design strategies. Prerequisites: CS 258 or 380; CS 326, 336, and 360.

**CS 470/570 Capstone Project I**

4 credits

Provides a problem for students to analyze and solve through the design of a solution, the creation and implementation of a software solution, and documentation of the entire process. Project I involves project selection and completion of the design phase. Prerequisite: CS 469.

**CS 471/571 Capstone Project II**

4 credits

The Capstone II goal is for students to finish the work started in Capstone I by creating and implementing the software solution and completing the documentation. The documentation should address project maintenance and the operating procedures required to run the students' software. Prerequisite: CS 470.

**GRADUATE COURSES****CS 581 Topics in the Foundations of Computer Science**

4 credits

Covers selected topics in the foundations of computer science. Sample topics include analysis of algorithms, computational models, and programming languages.

**CS 582 Topics in Information Systems**

4 credits

Explores selected topics in information systems. Sample topics include database systems, networking and the Internet, and creating business frameworks.

**CS 583 Topics in Software Engineering**

4 credits

Covers selected topics in software engineering. Sample topics include metrics, design methodologies, and quality assurance.

## Criminology and Criminal Justice

Taylor 212  
541-552-6509

Lore Rutz-Burri, Chair  
Professor: Lore Rutz-Burri  
Associate Professor: Lee Ayers-Schlosser  
Assistant Professors: Alison Burke, David Carter  
Instructors: Eric Mellgren, Christy Villaescusa  
Adjunct Faculty: Eric Guyer, Janay Haas,  
Jodi Merritt, Allan Smith, Bill Schweitzer  
Emeritus Faculty: James Brady, Vernon E. Hubka,  
Ivan Polk

The Criminology and Criminal Justice Department's four major objectives are to:

1. prepare students for successful service in the criminal justice system at local, state, and federal levels;
2. provide University Studies experiences for all students with an interest in the criminal justice system;
3. provide services and serve as a resource for organizations and agencies in the criminal justice system; and
4. contribute to the field through academic and applied research.

### Degrees

BA or BS in Criminal Justice

BA or BS in Criminal Justice with an emphasis in Forensics

BA or BS in Interdisciplinary Studies with an emphasis in Criminology and Criminal Justice

### Minor

Criminal Justice

### Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Criminology and Criminal Justice majors must maintain a 2.5 GPA in the major and earn grades of C- or better to satisfy all lower and upper division major course requirements. After grades have been assigned in spring term, any student who has a GPA in the major that is less than 2.5 will be placed on academic probation in the CCJ major. The department will notify students that they are on academic probation and request they contact their advisor immediately to discuss a plan of improvement. To get off probationary status in the CCJ major, students on probation must increase their GPA in the major to a 2.5 or above by the end of the next academic term in which they enroll in a CCJ course. Student who are unable to increase their GPA in the major to the 2.5 within one term will be reassigned to undeclared status. Any student who has been reassigned as an undeclared student may petition to be reinstated as a CCJ major after maintaining a 2.5 major GPA for two consecutive terms.

For more information about the academic standing policy, contact the department chair.

3. Complete at least 64 credits in the major, 56 of which must be CCJ. Up to 8 elective credits may come from other approved departments. Complete a minimum of 52 upper division required and elective credits.

### Capstone

Criminology and criminal justice majors complete the capstone experience after earning at least 135 credits and finishing at least half of all required upper division coursework. The capstone involves an internship and research. The 3-credit internship (CCJ 409L Capstone: Practicum/Internship) is usually a field experience appropriate for the student's projected career. Students may complete up to 14 credit hours of practicum/internship. They are also required to enroll in two 1-credit research courses (CCJ 409A and CCJ 409B) in which they write a significant research paper on a criminal justice topic and make an oral presentation.

### Required Courses for CCJ Majors

#### LOWER DIVISION

(16 credits)

American Criminal Justice System (CCJ 230) or  
Introduction to Criminology (CCJ 231) ..... 4  
Introduction to Law Enforcement (CCJ 241) ..... 4  
Introduction to Criminal Law (CCJ 251) ..... 4  
Introduction to Corrections (CCJ 271) ..... 4

#### UPPER DIVISION

(36 credits)

Essentials of Criminal Justice Research and  
Writing (CCJ 300) ..... 3  
Theories of Criminal Behavior (CCJ 331) ..... 4  
Criminal Law (CCJ 351) ..... 4  
Juvenile Delinquency (CCJ 361) ..... 4  
Capstone: Research (CCJ 409A, 409B) ..... 2  
Capstone: Practicum/Internship (CCJ 409L) ... 3-14  
Law of Criminal Procedures (CCJ 413) ..... 4  
Crime Control Theories and Policies (CCJ 430) .... 4  
Criminal Justice Leadership (CCJ 451) ..... 4  
Comparative Criminal Justice (CCJ 460) ..... 4

#### ELECTIVE COURSES

(12 credits)

Students must select at least three of the following elective courses.

Criminal Investigation (CCJ 321) ..... 4  
Correctional Institutions (CCJ 341) ..... 4  
Computer Forensics (CCJ 346) ..... 4  
Crime in Cyberspace (CCJ 347) ..... 4  
Seminar: Special Topics (CCJ 407) ..... 4  
Law of Criminal Evidence (CCJ 412) ..... 4  
Contemporary Issues in Corrections (CCJ 414) .... 4  
Police Problems and Issues (CCJ 417) ..... 4  
Mediation and Conflict (CCJ 448) ..... 4  
Terrorism (CCJ 461) ..... 4  
Criminal Forensic Investigations (CCJ 462) ..... 4  
Business Law (BA 370) ..... 4  
Business Ethics (BA 476) ..... 4  
Nonverbal Communication (COMM 324) ..... 4  
Interviewing and Listening (COMM 330) ..... 4  
Drugs and Society  
(either HE 453 or PSY 457 but not both) ..... 3-4

Social Psychology I (PSY 334) ..... 4  
Social Psychology II (PSY 335) ..... 4  
Human Sexuality (PSY 369) ..... 4  
Lifespan Development (PSY 370) ..... 4  
Humanistic Psychology (PSY 414) ..... 4  
Creative Thinking (PSY 437) ..... 4  
Group Dynamics (PSY 438) ..... 4  
Cognitive Process (PSY 444) ..... 4  
Organizational Psychology (PSY 445) ..... 4  
Stress Management (PSY 453) ..... 4  
Psychopathology of Childhood (PSY 463) ..... 4  
Introduction to Helping Skills (PSY 471) ..... 4  
Crisis Intervention Strategies (PSY 475) ..... 4  
Intimate Violence Advocacy Skills  
Training (WS 418) ..... 4

### BA or BS Degree in Criminology and Criminal Justice with an Emphasis in Forensics

#### REQUIRED COURSES:

Lower division:

(16 credits)

American Criminal Justice System (CCJ 230) or  
Introduction to Criminology (CCJ 231) ..... 4  
Introduction to Law Enforcement (CCJ 241) ..... 4  
Introduction to Criminal Law (CCJ 251) ..... 4  
Introduction to Corrections (CCJ 271) ..... 4

Upper division:

(36 credits)

Essentials of Criminal Justice Research and  
Writing (CCJ 300) ..... 3  
Theories of Criminal Behavior (CCJ 331) ..... 4  
Criminal Law (CCJ 351) ..... 4  
Juvenile Delinquency (CCJ 361) ..... 4  
Capstone: Research (CCJ 409A, 409B) ..... 2  
Capstone: Practicum/Internship (CCJ 409L) ... 3-14  
Law of Criminal Procedures (CCJ 413) ..... 4  
Crime Control Theories and Policies (CCJ 430) .... 4  
Criminal Justice Leadership (CCJ 451) ..... 4  
Comparative Criminal Justice (CCJ 460) ..... 4

Forensic Specific Courses:

(20 credits)

Criminal Investigations (CCJ 321) ..... 4  
Crime in Cyberspace (CCJ 347) ..... 4  
Law of Criminal Evidence (CCJ 412) ..... 4  
Terrorism (CCJ 461) ..... 4  
Criminal Forensic Investigations (CCJ 462) ..... 4  
Recommended courses for the forensics emphasis  
include: ANTH 211, 213; BI 231, 232, 233; CCJ /  
CS 346; CH 100, 100L, 101, 101L, 300; COMM  
310; PHL 201, 205, 339.

### Social Sciences Degree Completion Program in Criminology

Designed for students with an interest in policing, probation, parole, jails, prisons, and delinquency, this degree prepares students for immediate entry into the criminal justice field. Because most of the criminology courses are available online, this degree works well for professionals currently in the criminal justice field who have difficulty continuing their education because of location or work schedules. For more information, call 541-552-6698.

## Minor in Criminal Justice

### REQUIREMENTS FOR THE MINOR

(24 credits)

1. Maintain a minimum 2.5 cumulative GPA in minor field.
2. No more than one grade lower than C- in all CCJ minor coursework.
3. Complete 8 credits of lower division coursework and 16 credits of upper division coursework.

Lower division:

(8 credits)

American Criminal Justice System (CCJ 230) or  
Introduction to Criminology (CCJ 231) ..... 4  
Introduction to Criminal Law (CCJ 251) ..... 4

Upper division:

(16 credits)

Complete 16 credits from the following preapproved or advisor-recommended courses.

The following courses are preapproved for the minor:

Theories of Criminal Behavior (CCJ 331) .....	4
Criminal Law (CCJ 351) .....	4
Juvenile Delinquency (CCJ 361) .....	4
Law of Criminal Procedures (CCJ 413) .....	4
Crime Control Theories and Policies (CCJ 430) .....	4
Criminal Justice Leadership (CCJ 451) .....	4
Comparative Criminal Justice (CCJ 460) .....	4

The following courses may be taken toward the 16 credits for the minor if approved by the student's CCJ advisor:

Criminal Investigation (CCJ 321) .....	4
Correctional Institutions (CCJ 341) .....	4
Computer Forensics (CCJ 346) .....	4
Crime in Cyberspace (CCJ 347) .....	4
Special Studies (CCJ 399) .....	4
Seminar: Special Topics (CCJ 407) .....	4
Law of Criminal Evidence (CCJ 412) .....	4
Contemporary Issues in Corrections (CCJ 414) .....	4
Police Problems and Issues (CCJ 417) .....	4
Mediation and Conflict Management (CCJ 448) .....	4
Terrorism (CCJ 461) .....	4
Criminal Forensic Investigation (CCJ 462) .....	4

## Criminology and Criminal Justice Courses

### LOWER DIVISION COURSES

#### CCJ 230 American Criminal Justice System

4 credits

Surveys the functional areas of criminal justice in the U.S. Covers law enforcement, criminal courts, sentencing, penal institutions, and community-based sanctions. Includes historical and contemporary perspectives on components of the criminal justice system, as well as the legal and constitutional frameworks in which they operate. Approved for University Studies (Explorations).

#### CCJ 231 Introduction to Criminology

4 credits

Surveys descriptive, empirical, and theoretical issues in the study of crime and delinquency. Considers the roles of social, cultural, economic, political, psychological, chemical, biological, and ideological factors in the causes and treat-

ment of criminal behaviors. Exposes students to the major theoretical perspectives in the field, as well as to the critiques and uses of these perspectives in the prevention of and response to crime. Approved for University Studies (Explorations).

#### CCJ 241 Introduction to Law Enforcement

4 credits

Examines the roles and public expectations of law enforcement and the police. Involves task analysis of municipal and county police and examines police discretion. Covers minorities and women in policing, the education and training of police, the dangers of policing, the police and change, and a brief introduction to community policing and police issues.

#### CCJ 251 Introduction to Criminal Law

4 credits

Surveys the criminal justice process, from arrest to exhaustion of post-conviction remedies. Introduces students to such substantive criminal law topics as the elements of a crime, defenses to criminal liability, definitions of key crimes, search and seizure, confession and interrogation, and pretrial and trial procedures. Familiarizes students with the jurisdiction, structure, and purpose of the federal and state courts. Serves as a prerequisite for many upper division criminology and criminal justice courses.

#### CCJ 271 Introduction to Corrections

4 credits

Examines the American correctional system. Provides an overview of local, state, and federal correctional agencies. Examines the history and development of correctional policies and practices, criminal sentencing, jails, prisons, alternative sentencing, prisoner rights, rehabilitation, and parole and probation. Explores current philosophies of corrections and the debates surrounding the roles and effectiveness of criminal sentences, institutional procedures, technological developments, and special populations.

### UPPER DIVISION COURSES

#### CCJ 300 Essentials of Criminal Justice

##### Research and Writing

3 credits

Concentrates on oral and written communication and information literacy skills essential to the criminal justice discipline. Focuses on improving writing ability, APA and legal citation formats, and critical thinking skills, including analysis of information. Provides exposure to library research, basic research methodology, and evidence-based practices to prepare students for the capstone experience, graduate school, and careers in criminal justice. Prerequisite: CCJ 230 or 231; CCJ 251.

#### CCJ 321 Criminal Investigation

4 credits

Examines the principles, procedures, and methods used in criminal investigation. Covers sources of information, methods of data collection, interviewing, and the types and power of physical evidence.

#### CCJ 331 Theories of Criminal Behavior

4 credits

Offers an advanced, in-depth analysis of the major theories of crime and delinquency. Examines theories in historical context, with emphases on biological, psychological, sociological, and political frameworks. Prerequisite: CCJ 230 or 231.

#### CCJ 341 Correctional Institutions

4 credits

Provides an in-depth examination of the social and historical foundations of the American correctional institution. Focuses on the structure and social processes of institutions of confinement in relation to treatment and rehabilitation. Includes a systematic evaluation of recidivism, general and specific deterrence, rehabilitation, incapacitation, and retribution in relation to the American correctional system. Emphasizes philosophies of punishment, sentencing strategies, the prison community, alternatives to incarceration, and reform efforts. Prerequisite: CCJ 271.

#### CCJ 346 Computer Forensics

4 credits

Surveys the technologies, techniques, and responsibilities of criminal or civil investigation that involves computers, computer networks, network service providers, and electronic evidence. Explores various ways in which a computer or computer network can be associated with a crime. Examines computer and networking technologies. Explores rules of evidence and proof. Emphasizes maintaining an evidentiary trail through computer data and network activity. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with CS 346.)

#### CCJ 347 Crime in Cyberspace

4 credits

Provides an introduction to the practical aspects of understanding crime on the Internet through computer investigations. Students will examine the impact to the criminal justice system because of computers, computer applications, and the benefits and challenges of the World Wide Web, copyright laws, privacy issues and laws, computer crime statistics and trends, constitutional issues, risks of computer failures, computers in the workplace, cyber-terrorism, and responsibilities of the criminal justice professional in the growing cyber-community. Prerequisites: CCJ 230 or 231; CCJ 251.

#### CCJ 351 Criminal Law

4 credits

Covers the nature, origins, and purposes of criminal law, constitutional limits on criminal law, general principles of criminal liability, complicity and vicarious criminal liability, inchoate crimes, defenses to criminal liability, and crimes against persons, public morality, and the government. Prerequisite: CCJ 251.

#### CCJ 361 Juvenile Delinquency

4 credits

Analyzes the statistics, trends, characteristics, and causes of juvenile delinquency. Discusses biological, psychological, and sociological theo-

ries. Examines the relationships between juvenile delinquency and the socialization process, family environment, and social structure. Introduces the theories of delinquency, social influences on delinquency, the history of the juvenile justice system, the juvenile justice process, and the focus on prevention models currently used in the U.S. Approved for University Studies (Integration). Prerequisite: CCJ 230 or 231.

#### CCJ 399 Special Studies

Credits to be arranged

#### CCJ 405 Reading and Conference

Credits to be arranged

#### CCJ 407/507 Seminar: Special Topics

4 credits

Offers a critical analysis of selected criminal justice areas, with emphasis on individual research projects. Prerequisite: Instructor consent.

#### CCJ 409A Capstone: Research

1 credit

Prerequisites: Criminology and criminal justice major, 135 credit hours completed, at least half of all required upper division coursework. Graded P/NP.

#### CCJ 409B Capstone: Research

1 credit

Prerequisites: Criminology and criminal justice major, 135 credit hours completed, at least half of all required upper division coursework. Prerequisite: CCJ 409A.

#### CCJ 409L Capstone: Practicum/Internship

Credits to be arranged (3 credits required for major, but up to 14 credits may be taken)

Prerequisites: Criminology and criminal justice major, 135 credit hours completed, at least half of all required upper division coursework.

#### CCJ 412 Law of Criminal Evidence

4 credits

Offers an in-depth analysis of the controlling rules of evidence and proof applied in criminal cases. Major topics include relevancy, hearsay, impeachment, cross-examination, the Confrontation Clause, real and demonstrative evidence, privilege, scientific and expert testimony, authentication of evidence (laying the foundation), judicial notice, and legal presumptions. Prerequisite: CCJ 230 or 231; CCJ 251.

#### CCJ 413 Law of Criminal Procedures

4 credits

Examines the balance between individual and societal rights. Explores the limitations of governmental actions as provided by state and federal constitutions, statutes, and case law with regard to criminal investigations (search, seizure, confessions, and interrogations), pretrial procedures (plea bargaining, grand juries, and preliminary hearings), and trial procedures (right to counsel, juries, bail, and appellate procedures). Prerequisite: CCJ 230 or 231; CCJ 241, 251.

#### CCJ 414 Contemporary Issues in Corrections

4 credits

Addresses contemporary and controversial issues in corrections such as gross incapacitation, plea bargaining, competency to stand trial, insanity, and the death penalty. Covers mandatory

guidelines, diversion, the structure and administration of probation, parole, and post-prior supervision. Prerequisites: CCJ 251 and 271.

#### CCJ 417 Police Problems and Issues

4 credits

Examines the major issues of modern policing, including recruitment, selection, hiring, retention, training, education, women, change, limited resources, and the political economy of policing. Prerequisite: CCJ 241.

#### CCJ 430/530 Crime Control Theories and Policies

4 credits

Examines traditional and innovative practices of crime prevention and repression. Surveys programs designed to reduce criminal behavior and risk factors associated with criminal behavior in schools, communities, and families. Analyzes policies and practices linked to crime prevention and control, with an emphasis on program evaluation and measurement of success. Prerequisites: CCJ 230 or 231; CCJ 241, 251, 271.

#### CCJ 448/548 Mediation and Conflict Management

4 credits

Introduces students to the fundamental concepts and theories of dispute resolution and assists them in developing the basic skills and knowledge for productively managing their own and intervening in others' disputes. Class time consists primarily of practice and roleplay, as well as lecture, lecture-discussion, and coaching by professional mediators. Certificate of completion provided with successful completion of the course. Cross-listed in other departments. Additional fees/tuition may apply.

#### CCJ 451/551 Criminal Justice Leadership

4 credits

Analyzes the criminal justice process and its effects on practitioners, clients, and the public. Studies the resources, organization, and leadership involved. Emphasizes the influence leaders exert on the effectiveness of the organization. Examines the construct of bureaucracy and the major philosophical camps of leadership. Prerequisites: CCJ 230 or 231; CCJ 241, 251, 271.

#### CCJ 460 Comparative Criminal Justice

4 credits

Examines the global crime scene and criminal justice systems of other nations. Reviews the major families of law and other nations' approaches, philosophies, and methods of dealing with their national crime. Topics include cross-national crime data and comparisons, the roles of substantive and procedural law within the nation, and the structure, practices, and training of police, corrections, courts, and court personnel. Approved for University Studies (Integration). Prerequisites: CCJ 230 or 231; CCJ 241, 251, 271.

#### CCJ 461 Terrorism

4 credits

Covers the emergence of modern terrorism from several different areas of the world. Students will acquire knowledge of the terrorist

philosophy and how the history of terrorism has influenced subsequent movements, as well as attaining an appreciation for the complexity and challenge of terrorism, identifying elements of the criminological perspective of terrorism, examining viewpoints of various experts in the field of counter-terrorism, and taking a critical look at the research of terrorism and irregular warfare in the twenty-first century. Prerequisites: CCJ 230 or 231; CCJ 251.

#### CCJ 462 Criminal Forensic Investigations

4 credits

Examines the role of forensic investigation in the field of law enforcement. Students study sophisticated methods of evidence-gathering through forensics and explore the various components that make up the realm of forensic investigations. Students are exposed to the emergence of modern technology from several different areas of forensics. This course is designed for criminology majors and introduces the student to the use of forensic investigative techniques. Details from actual criminal cases will be used as examples. Topics covered include forensic pathology and related specialties, evaluation of crime scenes, forensic science and laboratory, forensic engineering, cyber-technology, forensic applications of social sciences, and the legal and ethical issues in forensic science. Students will be introduced to the fundamental principles and theories relevant to the scientific investigation of criminal forensic investigations. Prerequisites: CCJ 230 or 231; CCJ 321.

### Digital Media Foundations

Through the College of Arts and Sciences, SOU provides interdisciplinary instruction in visual narrative, design, and creation of visuals in a digital age. Students develop fundamental analytical and practical skills in constructing, composing, and evaluating digital media. Emphasis in this area reflects the increasing digitalization of society, as well as the dispersion of multi-mediated, non-linear forms of knowledge in the twenty-first century.

### Digital Media Foundations Courses

#### LOWER DIVISION COURSES

##### DMF 201 Digital Media Foundations I

2 credits

Lectures focus on the fundamentals of visual narrative, design, and critical thinking about the creation of visuals in a digital age. DMF 201 serves as a prerequisite or recommended course for several upper division classes in art, applied multimedia, computer science, photo-journalism, and video production. Corequisite: DMF 201L.

##### DMF 201L Digital Media Foundations I Lab

2 credits

Students complete a series of projects combining contemporary techniques in digital photography, graphic design, and illustration. Corequisite: DMF 201.

## Economics

Taylor 213  
541-552-6787

Linda Wilcox Young, Coordinator

Professors: Ric Holt, Hassan Pirasteh,

    Daniel L. Rubenson, Linda Wilcox Young

Associate Professor: Milan (Kip) Sigetich

Adjunct Faculty: Douglas Gentry, Rebecca Reid

Economics is part of the Social Sciences, Policy, and Culture Department. The logical, ordered way of examining problems and issues taught in the economics program benefits individuals in all lines of work. The program draws from history, psychology, mathematics, philosophy, and other disciplines to prepare individuals for responsibilities ranging from household management to business decision making. Economics courses explore how to reduce unemployment, control inflation, analyze tax policies, and confront problems as diverse as productivity and environmental decay.

Studying economics is an ideal way to prepare for work on a master of business administration degree or for entrance into law school.

Private business firms, banks, and other financial institutions employ economists to undertake specialized economic analysis and to evaluate their market positions and profit possibilities, government domestic economic policies and the implications for their business, and international economic events affecting the operation of their institutions.

Firms also employ economics graduates to perform nonspecialized work in sales and management. Economists are involved in community, state, and regional planning and various other jobs in government and nonprofit organizations. Many economists find employment in planning positions in foreign countries, where they work for the State Department, the Department of Commerce, the Treasury Department, the United Nations, the International Monetary Fund, and similar agencies. Economists are also employed as professors and administrators in colleges and universities.

Finally, economists engage in private research and act as consultants to individuals, corporations, and government agencies. The logical, encompassing approach of economics leads to a wide range of career opportunities, enabling students to analyze many diverse topics, both in a professional capacity and in their day-to-day lives.

Students may obtain a minor in economics or even a double major (e.g., economics teamed with business, political science, or international studies) with very little extra coursework, particularly if they begin planning early.

### Degrees

#### BA OR BS IN ECONOMICS, WITH OPTIONS IN:

General Economics

International Economics

Economics and Finance

Applied Economics and Public Policy

### Minor

Economics

### Certificate

Certificate in Applied Finance and Economics (CAFE)

### Accelerated Baccalaureate Degree Program

Economics majors may participate in the Accelerated Baccalaureate Degree Program. For information on this program, see the *Accelerated Baccalaureate Degree Program* section.

### Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Maintain a minimum overall GPA of 2.5 in all economics courses.
3. Complete economics core classes:  
(24 credits)
  - Principles of Microeconomics (EC 201)..... 4
  - Principles of Macroeconomics (EC 202)..... 4
  - Introduction to the International Economy (EC 320)..... 4
  - Intermediate Microeconomics (EC 358)..... 4
  - Intermediate Macroeconomics (EC 376)..... 4
  - Capstone Experience (EC 494)..... 4
4. Choose and complete the requirements for one of the following options:  
(32 credits)
  - General Economics option
  - International Economics option
  - Economics and Finance option
  - Applied Economics and Public Policy option

### Options for the Economics Major

#### GENERAL ECONOMICS OPTION

##### Methods

Exploratory Data Analysis (EC 232)..... 4  
Quantitative Methods and Application (EC 332).... 4

##### Elective Courses

Upper division economics ..... 24

#### INTERNATIONAL ECONOMICS OPTION

##### Methods

1. Choose one of the following courses:  
Exploratory Data Analysis (EC 232)..... 4  
Applied Business Statistics (BA 282)..... 4  
Elementary Statistics (MTH 243) ..... 4

2. Choose one of the following courses:  
Quantitative Methods and Application (EC 332).... 4  
Introduction to Social Research Methods (SOC 326)..... 4

##### Required Field Courses

International Trade and Finance (EC 321) ..... 4  
Economic Development (EC 379) ..... 4

##### Elective Courses

Choose 16 credits of additional upper division economics. ANTH 462 and IS 350 can also be taken to satisfy the requirement.

#### ECONOMICS AND FINANCE OPTION

##### Methods

Exploratory Data Analysis (EC 232)..... 4  
Quantitative Methods and Application (EC 332).... 4

### Required Field Courses

Money, Banking, and Financial Institutions (EC 318) ..... 4  
Principles of Finance (BA 385)..... 4  
Investments (BA 472) ..... 4

### Elective Courses

Choose three courses from below (maximum of one business administration course):

Public Finance (EC 319)..... 4  
International Trade and Finance (EC 321) ..... 4  
Benefit-Cost Analysis in Project Assessment (EC 364) ..... 4  
Business Cycles and Macroeconomic Forecasting (EC 478) ..... 4  
Financial Markets and Institutions (BA 470)..... 4  
Financial Management (BA 471) ..... 4  
International Financial Management (BA 473) ..... 4

### APPLIED ECONOMICS AND PUBLIC POLICY OPTION

#### Methods

1. Choose one of the following courses:  
Exploratory Data Analysis (EC 232)..... 4  
Applied Business Statistics (BA 282) ..... 4  
Elementary Statistics (MTH 243) ..... 4

2. Choose one of the following courses:  
Quantitative Methods and Application (EC 332).... 4  
Public Opinion and Survey Research (PS 311)..... 4  
Introduction to Social Research Methods (SOC 326)..... 4

#### Required Field Courses

Public Finance (EC 319)..... 4  
Benefit-Cost Analysis in Project Assessment (EC 364) ..... 4

#### Elective Courses

Choose four additional courses from below:

Environmental Economics (EC 315) ..... 4  
Money, Banking and Financial Institutions (EC 318) ..... 4  
Labor Economics (EC 325) ..... 4  
Quantitative Methods and Applications (EC 332).... 4  
Gender Issues in Economics (EC 340) ..... 4  
Oregon's Future (EC 351) ..... 4  
Business Cycles and Macroeconomic Forecasting (EC 478) ..... 4  
Labor Relations (EC 482) ..... 4

### Minor

#### (24 credits)

Principles of Microeconomics (EC 201)..... 4  
Principles of Macroeconomics (EC 202)..... 4  
Intermediate Microeconomics (EC 358) ..... 4  
Intermediate Macroeconomics (EC 376) ..... 4  
Upper division economics electives ..... 8

Students working toward a minor in economics are required to register with an advisor through the departmental office. Courses satisfying economics minor requirements may not be taken P/NP.

### Certificate in Applied Finance and Economics (CAFE)

The Certificate in Applied Finance and Economics (CAFE) is jointly offered by the School of Business and the Department of Economics. The program is open to all students. In size and scope, the certificate is between a minor and a major. To be awarded a CAFE, students must meet the requirements for a CAFE program, as well as for a BA or BS degree at SOU or the transfer equivalent.

**Economics Courses****LOWER DIVISION COURSES****EC 199 Special Studies**

Credits to be arranged

**EC 201 Principles of Microeconomics**

4 credits

Introduces consumer and firm behavior and the market process. Explores the economic analysis of different market structures of perfect competition, imperfect competition, and monopoly, along with the principles of income distribution and resource allocation under a market system. Some sections approach the principles of microeconomics by focusing on a particular topic or issue. Approved for University Studies (Explorations).

**EC 202 Principles of Macroeconomics**

4 credits

Deals with human behavior and choices as they relate to the entire economy. Covers aggregate demand and aggregate supply of goods and services; the effect of taxes and spending on the economy's output and employment; and the Federal Reserve's manipulation of the money supply, inflation, and economic growth. Some sections approach the principles of macroeconomics by focusing on a particular topic or issue. Approved for University Studies (Explorations).

**EC 232 Exploratory Data Analysis**

4 credits

Explores data and applications to real-world problems. Covers time-series and cross-sectional data, analysis of skewness and outliers, methods of averaging for variables as flows or stocks, and applies naïve forecasting techniques to real-world settings. Approved for University Studies (Quantitative Reasoning). Prerequisite: MTH 95, Level II.

**UPPER DIVISION COURSES****EC 315 Environmental Economics**

4 credits

Applies economic analysis directly to environmental problems. Explores market failure, Pareto optimality, externalities, consumer surplus, and market solutions. Introduces benefit-cost analysis and addresses local problems. Prerequisite: EC 201.

**EC 318 Money, Banking, and Financial Institutions**

4 credits

Uses money, credit, and bond market models to explain the determination of interest rates. Develops a forecasting model. Integrates models of Federal Reserve system behavior and analysis of Federal Reserve policies into the forecasting models. Prerequisites: EC 201 and 202.

**EC 319 Public Finance**

4 credits

Examines the economic role of the government. Develops models to analyze the effects of different tax policies and the impact of government expenditures. Emphasizes the application of economic principles and improves understanding of current economic events. Prerequisites: EC 201 and 202.

**EC 320 Introduction to the International Economy**

4 credits

Explores global economic relations in the historical and political context of current issues. Focuses on the economic interdependence of nations. Prerequisites: EC 201 and 202.

**EC 321 International Trade and Finance**

4 credits

Examines the basis for and gains from trade, tariffs, and other barriers to trade; preferential trading agreements; exchange rate determination; and balance of payments. Prerequisite: EC 320 or IS 320.

**EC 325 Labor Economics**

4 credits

Analyzes labor markets, employment discrimination, unemployment, trade unions, education, and distribution of income. Examines the relation of public policies to the labor market. Approved for University Studies (Integration). Prerequisites: EC 201 and 202.

**EC 332 Quantitative Methods and Application**

4 credits

Involves quantitative analysis of actual economic phenomena. Emphasizes the essential statistical tools for analyzing and solving practical business and economic problems. Topics include regression analysis of time-series and cross-sectional data, hypothesis testing, demand analysis, and forecasting. Prerequisites: EC 201 and 202.

**EC 340 Gender Issues in Economics**

4 credits

Explores how gender influences economic participation and outcomes. Examines the differences between the impact of economic realities on women and men. Integrates theory, data, history, and policy. Topics include the household as an economic unit, women and poverty, labor market discrimination, the economics of divorce, and welfare reform. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**EC 350 Alternative Versions of Capitalism**

4 credits

Examines the variants of capitalism that exist in the economies of the United States, Europe, and Asia. Explores their characteristics, institutions, and abilities to provide high levels of economic growth and employment, as well as price and social stability.

**EC 351 Oregon's Future**

4 credits

Presents an interdisciplinary approach to contemporary issues in Oregon, including politics and history; population demographics; educational problems and reforms; budgetary outlook, tax restructuring, and spending issues; the status of prisons and crimes; and environmental issues.

**EC 358 Intermediate Microeconomics**

4 credits

Offers an advanced analysis of supply and demand, including consumer behavior, theory of the firm, market structure, factor markets, and general equilibrium. Prerequisite: EC 201.

**EC 364 Benefit-Cost Analysis in Project Assessment**

4 credits

Evaluates both private and public investment projects. Analyzes the different investment criteria used to evaluate commercial and social investment projects, with emphasis on benefit-cost criteria. Includes practical application to local problems. Prerequisite: EC 201.

**EC 373 History of Economic Thought**

4 credits

Covers the evolution of economic thought from preclassical views to the mainstream classical school, Keynesian, post-Keynesian, and neoclassical thought. Reviews the major alternative schools, including Marxist and institutionalist. Prerequisites: EC 201 and 202.

**EC 376 Intermediate Macroeconomics**

4 credits

Develops concepts and models to explain the determinants of aggregate output, interest rates, unemployment, inflation, and other measures of macroeconomic performance. Examines both long-run and short-run considerations and the influences of external forces and policy decisions on macroeconomic outcomes. Prerequisite: EC 202.

**EC 379 Economic Development**

4 credits

Applies theories of economic growth and development to less-developed countries. Specific consideration is given to the process of development as it applies to agriculture, industrial policy, trade, structural adjustment, and women. Prerequisites: EC 201 and 202.

**EC 387 American Economic History**

4 credits

Covers the economic development of the U.S. and the evolution of American economic institutions from colonial times to the present.

**EC 389 America in the Global Economy**

4 credits

Examines the transformation of the American economy since World War II and its growing interdependence with and integration into the world economy. Emphasizes current problems such as budget and trade deficits, international debt, world competitiveness, protectionism, and economic cooperation with other countries.

**EC 399 Special Studies**

Credits to be arranged

**EC 401/501 Research**

Credits to be arranged

**EC 403/503 Thesis**

Credits to be arranged

**EC 405/505 Reading and Conference**

Credits to be arranged

**EC 407/507 Seminar**

Credits to be arranged

**EC 408/508 Workshop**

Credits to be arranged

**EC 409/509 Practicum**

Credits to be arranged (maximum 4 credits per term, 15 credits total)

**EC 478/578 Business Cycles and Macroeconomic Forecasting**

4 credits

Applies knowledge of macroeconomic theory, analysis of current economic conditions, and judgments of likely external and policy influences to construct and present a forecast for the United States economy. Prerequisite: EC 376.

**EC 482/582 Labor Relations**

4 credits

Examines the laws governing employer/employee relationships, including common law, federal and state labor acts, administrative agencies, and union contracts. This legal relationship is studied within the broader context of historical trends, political policies, social expectations, and economic influences. Considers legal problems such as discrimination in employment, public employment, industrial health and safety, and minimum wages. BA 374 or EC 325 recommended. (Cross-listed with BA 482/582.)

**EC 494 Capstone Experience**

4 credits

A culminating learning experience that applies the principles, theories, and skills of the economics major in a small class environment to challenging and sophisticated economic issues and topics. Allows students to develop critical thinking skills and to perform extensive writing.

**EC 496/596 Economics for Teachers**

4 credits

Applies the principles of micro- and macroeconomics to the social sciences. Examines the importance of fundamental economic principles in individual, business, and bureaucratic decision making. Addresses strategies and methods for integrating economics into the K-12 social studies curriculum. Designed for secondary and elementary teachers. Also suitable for undergraduates interested in entering the elementary or secondary social studies program at SOU. Not recommended for economics majors unless they are contemplating a teaching career.

**School of Education**

Education-Psychology 142

541-552-6286

Geoffrey Mills, Dean

William Greene, Chair

Professors: Gregg Gassman, William Greene, Younghie Kim, Geoffrey Mills, Steve Thorpe

Associate Professors: Jo-Anne Lau-Smith, Gerald McCain, Wilkins-O'Riley Zinn

Assistant Professors: Roni Adams, Amy Belcastro, Dennis Jablonski, John King, Mike Rousell

Instructor: Susan Faller-Mitchell

Lecturers: Linda Floyd, Maureen Honeycutt, Rina Pryor

The School of Education offers a rich variety of programs and coursework designed to prepare individuals for a wide range of professional opportunities within the field of education. While equipping students to meet the educational needs of a changing society, programs in education also enable students to meet licensing requirements established by the state of Oregon.

For undergraduates, the School of Education offers majors in early childhood development and elementary education. Undergraduates interested in obtaining a teaching license (early childhood, elementary, middle school, or high school) via the Master of Arts in Teaching or Special Education programs are urged to contact the School of Education to determine an appropriate major and specific admission requirements. The School of Education also offers a minor in education.

For graduates, the School of Education offers full or part-time licensure programs, including Master of Arts in Teaching (MAT), Master in Education with Special Education (SPED) licensure, and an Initial Administrative License (IAL). Graduates and in-service teachers may also enroll in the Master's of Education (MEd) or Continuing Teaching License (CTL) programs. Endorsement programs in English for Speakers of Other Languages (ESOL)/Bilingual Education and Reading are also offered. Specialty courses on current topics and practice are offered for professional development throughout the year and during Summer Session.

**Undergraduate Programs****Bachelor of Arts or Science in Early Childhood Development**

In collaboration with the Early Childhood and Elementary Education Department at Rogue Community College (RCC), the School of Education offers a bachelor's degree in Early Childhood Development (ECD) at SOU. As a cooperative venture between SOU and RCC, this undergraduate degree offers knowledge and application components drawn from the curricula at both institutions. Students who complete the coursework in ECD may choose to continue to work in the early childhood profession or to apply to the Master of Arts in Teaching (MAT) program at SOU to achieve a teaching license for early childhood/elementary levels.

**REQUIREMENTS FOR THE MAJOR**

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Complete the lower division requirements before taking upper division (300- and 400-level) courses. Lower division courses are offered through Rogue Community College. Many lower division courses are available on the Ashland campus via V-Tel (two-way video conference) or combined with online. For a list of required lower division courses, visit sou.edu/education.
3. Complete upper division courses (see list below).
4. Maintain a minimum 2.75 GPA for all ECD coursework.
5. Complete a total of 6 credits of capstone and portfolio requirements (ED 409).

*Upper Division Courses*

Child, Family, and Community (ED 346) .....	3
Children with Disabilities (ED 348).....	3
Children at Risk (ED 365).....	3
The Early Childhood Professional (ED 385).....	3
Advanced Practicum and Seminar (ED 309)....	2-6
ECD Seminar: Advocacy and Leadership in ECE (ED 407) .....	3
ECD Capstone Practicum/Portfolio (ED 409) ...	6-9
Foundations in Early Childhood Education (ED 480) .....	3
Curriculum Design (ED 484) .....	3
Assessment and Planning in Early Intervention (ED 485) .....	3
Curriculum Content in ECE (ED 486) .....	3
Family, School, and Community Relations in Family (ED 487) .....	3
Early Language and Literacy (ED 488) .....	3
Interpersonal Relations and Group Management (ED 489).....	3
Observation and Evaluation of Teaching (ED 493)....	3

**Bachelor of Arts or Science in Elementary Education (with initial teaching license)**

Entering freshmen at SOU have an opportunity to explore their interests and prepare for the education program during their freshman and sophomore years while fulfilling the University Studies (general education) requirements. General education and elective course selection in the first 90 credit hours will vary by students' needs and backgrounds. Students are encouraged to meet with an advisor in the School of Education early in their freshman year.

All students seeking the BA/BS degree in education and a teaching license must be formally admitted to the teacher education program. Information about the application process and criteria is available from students' individual advisors and from the School of Education website and office coordinator. Applications are usually submitted at the end of the sophomore or beginning of the junior year. Admission to the major is competitive, and the School of Education notifies students of its decision. Certain upper division courses in the field are restricted to majors. The program is based on a strong partnership and articulation agreements between SOU and RCC faculty and in collaboration with other state and regional community colleges.

Community college transfer students who wish to earn a bachelor's degree in education with an early childhood/elementary teaching license may apply their previous credits upon acceptance at SOU. Transfer students should seek early advisement in SOU's School of Education to learn more regarding application and admittance procedures to the education degree and licensure program.

Once admitted to the education program, students take upper division coursework in their junior and senior years that includes teacher preparation requirements in the early childhood and/or elementary major, including content knowledge, pedagogy, and field experiences. The coursework focuses on understanding children in unique stages of development and learning, children and families from diverse backgrounds, multidisciplinary content knowledge and pedagogy, and field experiences in multiple, diverse settings.

#### REQUIREMENTS FOR THE MAJOR

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Maintain a minimum 2.75 GPA prior to admission and a minimum 3.0 GPA in all EE coursework for licensure requirements during the last two years.
3. Maintain a 3.0 GPA after formal admission to the program.
4. The elementary education major is composed of four strands, listed below:

(Credits shown are SOU credits. Transfer credits may vary.)

Content Knowledge/University Studies (75-79 credits)

Pre-license/Education Elective Options (36 credits)

Pedagogy (approximately 39 credits)

Field Experiences (23 credits)

#### CONTENT KNOWLEDGE/UNIVERSITY STUDIES:

The University Studies (general education) requirements are the same for the students in the program as for all undergraduate students at SOU. However, some courses are highly recommended for teacher licensure content preparation. In addition to the University Studies requirements, the Content Knowledge strand includes music and technology coursework. Students are expected to see their academic advisor for suggested Explorations and Integration courses.

University Seminar (USEM 101, 102, 103) or equivalent transfer credits ..... 12

Mathematics (MTH 211, 212, 213) ..... 12

Humanities Explorations (including one ENG prefix course approved for Humanities Explorations and one art history course) ..... 12

Sciences Explorations (one life science and one physical science; two courses must have labs) ..... 11-12

Social Science Explorations (one history course, one geography course, and HE 250) ..... 12

Integration (upper division): Science, Technology, and Society; Citizenship and Social Responsibility; Diversity and Global Awareness ..... 9-12

#### Additional Content Knowledge Courses:

Educational Technology (ED 434) ..... 3

Introduction to Music Education (MUS 372) ..... 2

Elementary General Music Methods and Materials (MUS 373) ..... 2

#### PRE-LICENSE/EDUCATION ELECTIVE OPTIONS

Choose at least 36 credits from any combination of courses in the three areas listed below.

Cultural Anthropology (ANTH 213) ..... 4

American Culture (ANTH 310) ..... 4

Pacific Cultures (ANTH 317) ..... 4

Native North America (ANTH 318) ..... 4

Cultures of the World (ANTH 319) ..... 4

General Psychology (PSY 201 or 202) ..... 4

Child and Adolescent Development (PSY 460) ..... 4

Poverty, Family, and Policy (SOC 304) ..... 4

Schools and Society (SOC 320) ..... 4

Sociology of Gender Roles (SOC 340) ..... 4

Spanish (SPAN 101, 102, 103, 201, 202, or 203) ..... 4-8

Introduction to Education (ED 251) ..... 3

Children in Our Society (ED 252) ..... 3

Children with Disabilities (ED 470) ..... 3

Foundations in Second Language Education (ED 443) ..... 3

Strategies and Materials: Second Language Learner (ED 444) ..... 3

First- and Second-Language Acquisition and Development (ED 445) ..... 3

Foundations of ECE/ED (ED 480) ..... 3

From At-Risk to Resiliency (ED 481) ..... 3

Curriculum Design in ECE (ED 484) ..... 3

Assessment and Planning ((ED 485) ..... 3

Curriculum and Content in ECE (ED 486) ..... 3

Family/School/Community Relations (ED 487) ..... 3

Early Language and Literacy (ED 488) ..... 3

Interpersonal Relationship and Group Management (ED 489) ..... 3

Bullies and Victims in the Schools (ED 426) ..... 3

Child Abuse and Neglect (ED 427) ..... 3

Other relevant ED 407 seminar courses ..... 3

Select RCC ECE courses (with advisor approval) ..... varies

#### PEDAGOGY STRAND

The following courses are required for the elementary education major and for the Oregon Initial Teaching License.

Curriculum, Instruction, and Assessment I, II (ED 457) ..... 6

Social Science Methods (ED 458) ..... 3

Diversity (ED 460) ..... 3

Human Development, Cognition, and Learning (ED 462) ..... 3

Reading/Language Arts Methods (ED 463) ..... 3

Science Methods ((ED 464) ..... 3

Math Methods (ED 465) ..... 3

Human Relations (ED 466) ..... 3

Health Education Methods ((ED 467) ..... 3

Physical Education Methods (ED 468) ..... 3

Art Education Methods (ED 473) ..... 3

Reflective Inquiry/Professional Portfolio (ED 495) ..... 3

#### FIELD EXPERIENCE STRAND

This strand provides a variety of field-based experiences required for both the major and for Oregon licensure. These include both practicum courses and student teaching. ED 209, 309 are used for multiple practica experiences in diverse settings, including Head Start, community ECE programs, ESOL/bilingual settings, special education, Resource Room, reading/math programs, or age/grade level experiences over time (30 hours each credit in a minimum of five dif-

ferent settings). ED 411, 416, 417, and 418 form the core of the student teaching experiences.

Practicum (ED 209) or SOU Lead and Serve (ED 253) ..... 2

Advanced Practicum and Seminar (ED 309) ..... 3

September Experience (ED 411) ..... 1

Field Experience: Gradual Participation in Delivering Instruction (ED 416) ..... 2

Student Teaching: Second Authorization Level (ED 417) ..... 5

Student Teaching: First Authorization Level (ED 418) ..... 10

#### Minor

The School of Education offers a 24-credit undergraduate minor for persons interested in gaining skills working in educational settings. Completing the education minor will assist in meeting numerous prerequisites for entering one of the Graduate Teacher Preparation Programs (MAT or Special Education).

(24 credits)

#### Required Courses\* (13 credits)

Introduction to Teaching (ED 251) ..... 3

Introduction to Social Foundations in Education (ED 252) ..... 3

The Exceptional Child (ED 470) ..... 3

Introduction to Multimedia (AM 233) ..... 4

\*Or approved substitutes

#### Practica (choose 3 credits from the following):

Southern Oregon University Lead and Serve (SOULS) (ED 253/453) ..... 1-3

(Specialty Area) Practica (ED 409) ..... 1-3

Outdoor Education Experiences (ED 452) ..... 2

#### Electives

Choose at least 8 credits from the following:

Fundamentals of Elementary Mathematics (MTH 211, 212, 213) ..... 4 credits each

Teaching Global Perspectives Through Children's Literature (ED/ENG 398) ..... 4

Foundations in Early Childhood (ED 480) ..... 3

Curriculum Design in Early Childhood (ED 484) ..... 3

Assessment and Planning in Early Intervention (ED 485) ..... 3

Curriculum Content in ECE (ED 486) ..... 3

Family, School, and Community Relations in ECE (ED 487) ..... 3

Teaching Literature (ENG 488) ..... 4

Young Adult Novel (ENG 489) ..... 4

Child and Adolescent Development (PSY 460) ..... 4

Writing Workshop for Teachers (WR 312) ..... 4

Teaching Written Composition (WR 472) ..... 4

#### Graduate Programs

##### Educational Administrator License Program

SOU's School of Education currently offers a cohort-based, 24-credit, twelve-month program that prepares students for the Initial Administrator License (IAL) issued by the Oregon Teacher Standards and Practices Commission and a Continuing Administrator License (CAL) designed for educational leaders possessing the IAL who are seeking advanced certification. Both the IAL and CAL programs are designed to accommodate working professionals through evening and weekend courses. The IAL cohort, beginning each June, is based on modules that integrate theory and practice accompanied by a 360-hour leadership practicum. The CAL is

an open-entry program consisting of 27 credits with a 270-hour leadership practicum. SOU faculty and practicing school administrators facilitate instruction and practicum supervision.

Program prerequisites for the IAL include a master's degree, minimum undergraduate GPA of 3.0, teaching license or eligibility to hold a license, and three years of teaching experience. IAL students who do not have a master's degree may enroll concurrently in the Master of Education (MEd) program. Requirements for the IAL are applied toward the completion of the MEd program.

#### **The Master of Arts in Teaching Program**

The Master of Arts in Teaching (MAT) program is offered in two formats: the full-time program, which is a yearlong program beginning in July and ending the following July and the part-time program, which is a two-year program beginning in June. Students progress through the program in a cohort arrangement: they enter together, enroll in the same classes, and finish together as a community of learners. In addition to receiving the MAT degree, students who complete the program are eligible to teach at one or two of the following authorization levels:

Early childhood (age 3-grade 4)

Elementary (grades 3–8)

Middle school (grades 5–9)

High school (grades 7–12)

At the start of the program, students choose the two adjacent authorization levels in which they intend to be licensed. The three options are as follows:

1. Early childhood and elementary school
2. Elementary and middle school
3. Middle school and high school

#### **Admission Requirements**

1. Admission requirements include a baccalaureate degree in a field appropriate to the endorsement area and authorization level. These requirements do not specify a particular undergraduate major for the early childhood/elementary authorization level. Applicants to the elementary/middle school authorization level must select a subject area and show competency in their area by completing a major in the subject area or passing the appropriate Praxis Specialty Area Test. Those applying to the middle/high school authorization levels must complete an undergraduate major in the subject they plan to teach (e.g., English or math). In addition to a major, specific courses in the subject area are required. Please contact the School of Education for the appropriate list of courses.

2. Applicants to the early childhood/elementary and elementary/middle school authorization levels are required to earn 12 credits in each of the following areas: a) social studies with at least one course in each of the following: history, geography, and a behavioral science; b) sciences with at least one course in the following: a bio-

logical science and a physical science; and c) language arts with at least one course in the following: communication, writing, and English.

3. Applicants to the program are required to have a minimum cumulative GPA of 3.0 in the most recent 90 quarter hours or 60 semester hours of undergraduate work. Applicants to the middle/high school authorization levels must also have at least a 3.0 GPA in all graduate and undergraduate coursework in their endorsement area.
4. Admission requirements include a passing score on a basic skills test. Students may choose the California Basic Skills Test (CBEST) or the Praxis I Pre-Professional Skills Test (PPST).
5. Individuals planning to apply for early childhood/elementary and elementary/middle school levels must complete MTH 211, 212, 213 before entering the program.
6. The program requires applicants to document successful experiences working with children or adolescents in small or large group settings, preferably within public schools. This is a very important requirement for program admission. The School of Education recommends that students consider taking one or two undergraduate courses related to education. Courses such as ED 251 and 252 offer academic and field-based opportunities for students to explore interest in the teaching profession.
7. Specialty area tests are required for licensure and program completion. Passing scores on the appropriate test may be used for admission into the program in lieu of a basic skills test. Candidates for the early childhood/elementary and elementary/middle school authorization levels must pass the Oregon Educator Licensure Assessments (ORELA). Candidates for the middle/high school authorization levels are required to pass the Praxis test in their chosen endorsement area. Please contact the School of Education for details.

#### **SEQUENCE OF COURSES AND FIELDWORK**

The first and last stages of the program take place during the summer and consist primarily of instruction. Fall through spring terms comprise field experiences and courses on campus. The curriculum is a combination of theory, research, pedagogy, content, and process, all of which are woven throughout the program.

#### **MAT Instructional Courses**

(41–45 credits)

Educational Technology I, II (ED 534).....	3
Curriculum, Instruction, and Assessment I, II (ED 557).....	6
Special Methods I, II (ED 558).....	2–6
Foundations/Research I, II (ED 559).....	6
Diversity (ED 560).....	3
Human Development, Cognition, and Learning (ED 562).....	3
Language and Literacy (ED 563).....	3

Human Relations (ED 566) .....	3
Contemporary Issues, Leadership, and Collaboration (ED 567).....	3
Integration Projects (ED 568).....	3
Advanced Professional Studies.....	6

#### **MAT Field Experience**

(21 credits)

#### **Special Education Programs**

SOU offers three Special Education Programs. During the regular academic year, all courses are offered in late afternoon and evening via distance learning.

The Dual Endorsement Program is for candidates who already hold a teaching license. Completion of the program allows candidates to add the Special Education endorsement to an existing teaching license. The Dual Endorsement Program requires candidates to complete 39 to 42 credits of coursework and related field experiences taken over four terms (Summer Session, fall, winter, and spring).

The Dual+Master's Program offers the added endorsement, plus a master's degree in education. The program comprises 58 to 61 credits of coursework and related field experience. Students may complete the Dual and Dual+Master's programs in one- or two-year programs of study while working within the public school system.

The Stand-Alone Program allows candidates to become licensed to teach students with exceptionalities at either the elementary or secondary level. When they successfully complete the program, students earn a master's degree in education and a recommendation to TSPC for an initial Oregon teaching license with a Special Education endorsement. The Stand-Alone Program is a five-term, full-time program, beginning and ending with Summer Session.

For program updates and changes after publication, contact the Special Education Program coordinator.

Note: The programs listed below include occasional required special seminars on topics important to teachers (e.g., HIV/AIDS training and Oregon CIM/CAM Benchmarks).

#### **Dual Endorsement Program Course Requirements**

(39–42 credits)

September Experience (SPED 509) .....	2
Fall Practicum (SPED 509) .....	1
Internship (Dual Endorsement Candidates) (SPED 511).....	8
Law and Policy (SPED 520) .....	4
Family and Community Services (SPED 521).....	3
Administration and Interpretation of Assessment Instruments (SPED 522) .....	3
Behavior Management (SPED 523).....	3
Interventions in Academic Skills: Mathematics Methods (SPED 524).....	3
Interventions in Functional Skills (SPED 525) .....	3
IEP Development (SPED 526).....	3
Theory and Tools of Assessment (SPED 527).....	3
Medical Aspects of Special Education and Characteristics of Disabilities (SPED 528) .....	3
Student Teaching (SPED 550) .....	3

Note: Program faculty will determine which lab

experiences may be required of Dual Program candidates.

#### Dual+Master's Program Course Requirements

(58–61 credits)

Action Research as an Approach to School Improvement (ED 519).....	3
Human Relations (ED 566) .....	2
September Experience (SPED 509) .....	2
Fall Practicum (SPED 509) .....	1
Internship (Dual Endorsement Candidates) (SPED 511).....	8
Law and Policy (SPED 520) .....	4
Family and Community Services (SPED 521).....	3
Family and Community Services Lab (SPED 521L).....	1
Administration and Interpretation of Assessment Instruments (SPED 522) .....	3
Administration and Interpretation of Assessment Instruments Lab (SPED 522L) .....	1
Behavior Management (SPED 523).....	3
Behavior Management Lab (SPED 523L).....	1
Interventions in Academic Skills: Mathematics Methods (SPED 524).....	3
Interventions in Academic Skills: Mathematics Methods Skills Lab (SPED 524L) .....	1
Interventions in Functional Skills (SPED 525) .....	3
Interventions in Functional Skills Lab (SPED 525L) .....	1
IEP Development (SPED 526).....	3
IEP Development Lab (SPED 526L).....	1
Theory and Tools of Assessment (SPED 527).....	3
Theory and Tools of Assessment Lab (SPED 527L) .....	1
Medical Aspects of Special Education and Characteristics of Disabilities (SPED 528) .....	3
Medical Aspects of Special Education and Characteristics of Disabilities Lab (SPED 528L)....	1
Student Teaching (winter) (SPED 550).....	2
Student Teaching (spring) (SPED 550).....	14
Electives.....	6

#### Stand-Alone Program Course Requirements

(70 credits)

Candidates for the Stand-Alone Program take a combination of special education courses required of all endorsement seekers and a selection of general education courses.	
Action Research as an Approach to School Improvement (ED 519).....	3
Curriculum, Instruction, and Assessment: Reading (ED 557) .....	3
Human Relations (ED 566) .....	2
September Experience (SPED 509) .....	2
Fall Practicum (SPED 509) .....	1
Law and Policy (SPED 520) .....	4
Family and Community Services (SPED 521).....	3
Family and Community Services Lab (SPED 521L).....	1
Administration and Interpretation of Assessment Instruments (SPED 522) .....	3
Administration and Interpretation of Assessment Instruments Lab (SPED 522L) .....	1

Behavior Management (SPED 523).....	3
Behavior Management Lab (SPED 523L).....	1
Interventions in Academic Skills: Mathematics Methods (SPED 524).....	3
Interventions in Academic Skills: Mathematics Methods Skills Lab (SPED 524L) .....	1
Interventions in Functional Skills (SPED 525) .....	3
Interventions in Functional Skills Lab (SPED 525L) .....	1

IEP Development (SPED 526).....	3
IEP Development Lab (SPED 526L).....	1
Theory and Tools of Assessment (SPED 527).....	3
Theory and Tools of Assessment Lab (SPED 527L) .....	1
Medical Aspects of Special Education and Characteristics of Disabilities (SPED 528) .....	3
Medical Aspects of Special Education and Characteristics of Disabilities Lab (SPED 528L)....	1
Student Teaching (winter) (SPED 550).....	2
Student Teaching (spring) (SPED 550).....	14
Electives.....	6

#### Previous (Old) Special Education Plans

##### STANDARD LICENSE AND STANDARD ENDORSEMENT

Students who have completed a Basic Handicapped Learner Endorsement at any institution may complete the Standard Handicapped Learner Endorsement at SOU. Because the department's courses have changed significantly since the inception of these programs, each student's program is individually determined. Programs established prior to the course changes are individually altered to result in the least disruption possible. Students needing these changes should see a special education advisor.

##### EXISTING MASTER'S DEGREES REQUIRING SPECIAL EDUCATION COURSES

Students who have an existing plan for the master's degree requiring special education courses should see a special education advisor to make the changes necessary to conform with the new course offerings. Existing plans are honored with the least number of course changes possible.

#### Initial Administrator License Program

SOU's School of Education offers a 24-credit, twelve-month program that prepares students for the Initial Administrator License (IAL) issued by the Oregon Teacher Standards and Practices Commission. The IAL program is designed to accommodate working professionals through evening and weekend courses over a calendar year. The cohort will engage in modules based on the integration of theory and practice through coursework accompanied by a 360-hour leadership practicum. SOU faculty and practicing school administrators will facilitate instruction. Program prerequisites include a master's degree, minimum undergraduate GPA of 3.0, teaching license or eligibility to hold a license, and two to three years of teaching experience. Students who do not have a master's degree may enroll concurrently in the Master of Education (MEd) program. Requirements for the IAL are applied toward the completion of the MEd program.

#### Master of Arts or Science in Education and Continuing Teaching License Program

The Master of Arts or Science in Education (MEd) and the Continuing Teaching License (CTL) program is for teachers who completed an undergraduate or postbaccalaureate initial licensure program.

Written in the form of teacher competencies, the advanced TSPC regulations are expected to be met by teachers completing the MEd who are seeking the Continuing Teaching License

(CTL). The CTL standards differentiate between initial and continuing license candidates. It is the intent of the MEd/CTL Program to provide candidates with the knowledge and skills necessary to demonstrate the advanced competencies defined by TSPC. Upon completion of this program, participants will be able to demonstrate the following:

1. instructional excellence;
2. use of action research and assessment to evaluate and validate instructional pedagogy, programmatic choices, and educational policies;
3. integration of research-based educational theory and social, psychological, anthropological, and sociological foundations into educational practice;
4. understanding of the needs of diverse and special student populations, as well as the ability to describe and implement instructional approaches that explore our interconnectedness, while also accommodating and appreciating our racial, ethnic, and cultural differences;
5. leadership skills within the school and the local community; and
6. contributions to the profession through leadership in local, state, and national organizations and to the knowledge base through publications and presentations at professional events.

For those teachers who possess an Oregon Initial License and a master's degree, there is a separate 12-credit program for meeting the requirements of the Continuing Teaching License. Contact the School of Education at 541-552-6996 for more information.

#### Overview of the MEd/CTL Program

The Master's Degree and Continuing Teaching License Program at SOU comprises four major elements:

1. The Core Competency Areas: research, assessment, pedagogy, diversity, foundations, and leadership.
2. Field-Based Practica and Follow-Up: includes professional portfolio production, reflective dialogue training, and an advanced curriculum work sample.
3. Individualized Professional Development Plan: technology, specializations, authorizations, subject area endorsements, or areas of special interest.
4. Opportunities for students to explore special programs and offerings.

#### General Outline of the MEd/CTL Program

##### CORE COMPETENCY AREAS

(18 credits)

Research.....	3
Assessment.....	3
Leadership.....	3
Diversity .....	3
Foundations .....	3
Pedagogy .....	3

**FIELD-BASED PRACTICA AND FOLLOW-UP***(6 credits)*

Comprises a variety of options, all based on the assumption of the importance of formative evaluation opportunities in changing instructional proficiencies and subject matter delivery. The field-based portion includes practica experiences, as well as benchmark and portfolio completion.

**INDIVIDUALIZED PROFESSIONAL DEVELOPMENT PLAN***(15 credits)**Secondary Education Endorsement Areas*

Art

Biology

Business

Chemistry

English as a Second Language

Foreign Language

Health Education

Integrated Science

Language Arts

Mathematics

Music

Physical Education

Physics

Social Studies

Speech

*Elementary Education Areas of Concentration*

Curriculum and Instruction

English as a Second Language

Special Education

Special Studies

Electives.....6

**Requirements for Admission to the MEd/CTL Program**

1. Possess a baccalaureate degree from an accredited college or university.
2. Complete an approved teacher education program, making the applicant eligible for an Oregon Basic or Initial Teaching License.
3. Complete and submit the SOU application for graduate admission and application fee to the Admissions Office. Transcripts of undergraduate and previous graduate work must accompany the application.
4. Possess a cumulative GPA of at least 3.0 for the last 90 quarter hours (60 semester hours) of undergraduate work.
5. Pass one of the following tests for entry into the master's program:
  - a. Praxis II Multiple Subject Assessment for Teachers (MSAT) Content Knowledge and Content Area Exercises with a total score of at least 310 and no score less than 147 on each section of the test.
  - b. Graduate Record Exam (GRE) with a minimum score of 1200 on combined verbal, quantitative, and analytical sections and a minimum score of 400 on the verbal section.
  - c. Former NTE Core Battery Tests: Test of Communication Skills with a score of at least 667 and the Test of General Knowledge with a score of at least 666.

least 667 and the Test of General Knowledge with a score of at least 666.

- d. Praxis II Specialty Area Exam(s) in endorsed subject.
- e. Oregon Educator Licensure Assessments (ORELA) with a score of at least 240 on each of the appropriate subtests.
6. Complete the Character Question form provided with admission materials.
7. Submit two favorable recommendations from immediate supervisors employed by educational or social agencies attesting to the applicant's competence to work with school-aged children.
8. Apply for admission to the teacher education program within the first 12 credits of graduate work. Failure to comply with this requirement may result in delayed completion of the degree program.

**Exit Exam Requirements for the Master's in Education Degree**

Candidates for the master's in elementary education must obtain passing scores on the Multiple Subjects Assessment for Teachers (MSAT) Exam, Oregon Educator Licensure Assessments (ORELA), or the former NTE Core Battery Tests in Communication Skills and General Knowledge to complete the master's degree program.

Candidates for the master's in secondary education must obtain a passing score on one or more Praxis Specialty Area tests in the endorsement (subject) area of the degree to complete the master's degree program.

**Master of Arts or Science in Education/Standard Licensure Program**

Graduates of a basic licensure program who wish to obtain a standard license and master's degree should complete the Master of Arts or Science in Education/Continuing Teaching License Program. See the MEd/CTL Program section for admission and program details.

**English for Speakers of Other Languages (ESOL)/Bilingual Endorsement Program**

This endorsement program is for licensed teachers who teach or who would like to teach English to speakers of other languages (ESOL) and/or in a bilingual classroom. Designed for educators with full-time teaching loads, the eight courses (including a field-based practicum) are offered in the evening, through V-TEL (distance learning), and during the summer. You do not have to be proficient in a second language to teach ESOL. Teachers wishing to add the bilingual portion to the ESOL endorsement must demonstrate proficiency in a second language.

The program provides a strong foundation related to language acquisition, as well as linguistic structures and their functions. This foundation is enhanced by an understanding of the relationships between language and culture, as well as an awareness of and sensitivity to cultural issues. The history, growth, and cur-

rent status of ESOL/Bilingual Education form a significant portion of the program, which also offers a strong foundation in effective teaching strategies and methodology. The practicum requirement provides a practical and experiential base to enhance the learning of students from Hispanic, Native American, and other language backgrounds.

**Changing Authorization Levels or Adding Endorsements**

Students interested in changing authorization levels or adding subject area endorsements are encouraged to inquire about their specific cases by calling the Teachers Standards and Practices Commission (TSPC) at 503-378-3586. A practicum may be required involving a school district (Conditional Assignment Permit) and is to be arranged by the individual seeking the change in licensure. These programs can also be completed at SOU. For more information about SOU's offerings, contact the School of Education at 541-552-6996.

**Read Oregon Reading Endorsement Program (formerly CREADE)**

The Read Oregon Reading Endorsement program offers graduate-level courses in reading/literacy through a consortium of five universities: Eastern Oregon University (EOU), Oregon State University (OSU), Portland State University (PSU), Southern Oregon University (SOU), and Western Oregon University (WOU). Visit the Read Oregon website ([sou.edu/distance-learning/readoregon](http://sou.edu/distance-learning/readoregon)) for information about distance-delivered courses, a 12-credit Literacy Course of Study, a 24-credit Reading Endorsement program, admission, registration, and more.

**Education Report Card**

Under Section 207 of Title II of the Higher Education Act (HEA), SOU is required to submit annual reports on its teacher education program. This policy took effect beginning with the 1999-2000 academic year.

**TESTING REQUIRED FOR PROGRAM COMPLETION**

In Oregon, a system of multiple measures is used to determine the status of "program completer." One component of this system requires the educator to pass both a basic skills test and a battery of subject matter tests. For basic skills testing, the educator may choose to take the California Basic Educational Skills Test (CBEST) or the PRAXIS I: Preprofessional Skills Tests (PPST). Authorizations in early childhood, elementary, and middle school level teaching require passing scores on the Oregon Educator Licensure Assessments (ORELA).

**TEST PASS RATES**

Because the passing of basic skills and subject matter tests is required for program completion in Oregon, the state pass rate is 100 percent. Those who do not pass the required tests are not considered program completers and are not eligible for Initial Teaching Licenses.

**STUDENT-TEACHING SUPERVISION**

In 2006-07, 158 students were enrolled in initial licensure programs at SOU and were supervised in student-teaching experiences by thirty-four full-time and part-time faculty (with a student-to-faculty ratio of 4.65:1). Students spent 600 hours in student-teaching experiences during the program.

**ACCREDITATION**

SOU's MAT and Special Education programs are currently fully accredited by the state-licensing agency, the Teacher Standards and Practices Commission (TSPC).

**PERFORMANCE**

The SOU MAT and Special Education programs are not under a designation of "low-performing" by the state (as per section 208[a] of the HEA of 1998).

**WEBSITE INFORMATION**

A complete version of the SOU "report card" may be viewed at [sou.edu/education](http://sou.edu/education).

**Education Courses****LOWER DIVISION COURSES****ED 205 Reading and Conference**

Credits to be arranged

**ED 207 Seminar**

Credits to be arranged

**ED 209 Practicum**

Credits to be arranged

**ED 251 Introduction to Teaching**

3 credits

Introduces the historical, philosophical, and contemporary foundations of the American educational system. Fosters an understanding of teaching and learning processes, as well as the legal, financial, and ethical issues involved in today's schools. Analyzes current trends and issues in education and provides students with a framework to make decisions about entering the teaching profession. Provides opportunities to engage in field-based activities. This course includes a practicum component.

**ED 252 Introduction to Social Foundations in Education**

3 credits

Examines how schools function in today's American democratic society. Exposes the potential discrepancies between the goals and the actual accomplishments of education. Explores the relationship between schools and the larger multicultural society, with emphasis on gender, social class, age, race, and ethnicity issues.

**ED 253 Southern Oregon University Lead and Serve (SOULS)**

1 to 3 credits

Students explore their fields of interest and gain experience in a variety of community service placements. For each credit, participants spend thirty hours working in a setting of their choice. For placement in public schools, students must contact the School of Education. Course credit varies in proportion to the amount of time spent and the level of involvement.

**UPPER DIVISION COURSES****ED 309 Advanced Practicum and Seminar**

1 to 3 credits (6 credits maximum)

Supervised teaching of children in a lab school or community setting applying what has been learned through coursework and previous lab experiences. Students take on the role of a lead teacher for a portion of the experience and work closely with parents and staff. In collaboration with the cooperating teacher, students plan, implement, and evaluate developmentally appropriate activity lesson plans, which are used for portfolio development. Serves as an open forum to self-assess, discuss, and reflect on what has been learned from student-teaching experiences.

**ED 346 Special Studies: Child, Family, and Community**

3 credits

Develops skills for establishing effective and mutually respectful relationships between the early childhood professional and families of children with whom the professional works. Students apply information to early childhood settings by completing projects that relate to formal and informal communication with parents, parent education, and parent involvement strategies. Requires students to plan a special event for parents in an early childhood setting.

**ED 348 Special Studies: Children with Disabilities and Their Families**

3 credits

Explores how teachers engage children with disabilities in the classroom. Includes adapting indoor and outdoor environments and activities and covers working with parents to enhance the development of children with a variety of special needs. Applies understanding of disabilities and research-based best practices into the classroom setting in collaboration with parents and other professionals to provide meaningful experiences for children with special needs.

**ED 365 Special Studies: Children at Risk**

3 credits

Explores stressful issues that impact the development of the whole child, including divorce, child abuse, moving, death of family members, changes in the family system, poverty, and cultural differences. Students research and apply knowledge to specific early childhood settings by planning curriculum and modifying classroom environments. Requires a case study of a child dealing with at least one stressful issue.

**ED 385 Special Studies: The Early Childhood Professional**

3 credits

Explores issues related to professional conduct and the development of professional philosophy. Topics include professionalism, historical and current factors, early childhood education programs, parent interaction, job opportunities, ethical and legal issues, and community resources. Students research and apply information to a particular early childhood issue. Requires students to complete a project enabling them to directly participate in professional activities in the early childhood community.

**ED 398 Teaching Global Perspectives****Through Children's Literature**

4 credits

Immerses prospective elementary and middle school teachers in integrated content and instruction by examining both the literary elements and social science information present in international children's literature. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with ENG 398.)

**ED 399 Special Studies**

1 to 3 credits

**ED 407/507 Seminar**

Credits to be arranged

**ED 409 Practicum**

1 to 6 credits (12 credits maximum)

**ED 411/511 September Experience**

1 to 3 credits

Allows students to observe and participate in the preparation of a new public school year and to experience the classroom during the first weeks of school. Provides opportunities to observe and reflect on how public school teachers establish expectations and norms that affect the entire school year. Additionally, teacher education students assist teachers in preparing classrooms.

**ED 416/516 Field Experience: Gradual Participation in Delivering Instruction**

1 to 3 credits

Offers a supervised field-experience practicum in a public school as preparation for half-day student teaching. Teacher education students engage in systematic observation and gradually participate in delivery of instruction.

**ED 417/517 Student Teaching: Second Authorization Level**

4 to 10 credits

Provides a supervised half-day student teaching experience in a public school as preparation for full-day student teaching. Teacher education students engage in systematic observation and gradually assume teaching responsibilities.

**ED 418/518 Student Teaching: First Authorization Level**

10 to 13 credits

Final supervised student teaching experience in a public school. Teacher education students assume the full-day classroom teacher's role and responsibilities. Provides an opportunity to refine teaching style and management strategies and to be part of the total school environment.

**ED 426/526 Bullies and Victims in the Schools: Intervention/Prevention**

3 credits

Designed to provide understanding of the bully/victim syndrome, policy guidelines, and strategies and methods to intervene and curb bullying in the schools. Provides teachers with a system of preventing and dealing with bullying abuse in the schools. Examines the identified types of bullying and their manifestations, as well as applicable state and federal laws.

**ED 427/527 Child Abuse and Neglect**

3 credits

Designed to give participants a foundation in the subjects of child abuse and neglect. Includes materials to create an awareness of child abuse and neglect and how to recognize the signs of abuse and neglect in students, as well as ways to respond, including awareness and requirements of the law. Examines society's role in abuse and neglect, the types of abuse and neglect children encounter, preventive measures a teacher can utilize, incidence in diverse populations, the role of the school, mandated reporting, working with parents and social service agencies, and the role of court-appointed special advocates.

**ED 430/530 The Art of Storytelling**

3 credits

Explores folk tales, literary tales, and family and personal stories. Focuses on observing different storytellers, experimenting with a variety of storytelling techniques, and developing a personal storytelling style. Students learn to select and adapt stories for telling and deliver them with their own unique flair. Covers audience-participation storytelling, story games, story-theater, and developing family stories. K-12 teachers learn to use storytelling in the classroom throughout the curriculum. Cross-listed with TA 430.

**ED 434/534 Educational Technology I, II**

1 to 3 credits

Provides an overview of the effective use of instructional technology in elementary education classes. Students use a variety of media to prepare teaching materials and deliver instruction. Emphasizes applying computers to the elementary school curriculum.

**ED 443/543 Foundations in Second Language Education**

3 credits

Examines philosophies and practices in teaching language-minority students. Studies bilingualism and biculturalism from psychological, social, and political standpoints. Analyzes program models, as well as the theories and philosophies underlying these models. Provides an understanding of the laws pertaining to educating second-language learners and current theory and research in the fields of ESOL and bilingual education.

**ED 444/544 Strategies and Materials: Second-Language Learner**

3 credits

Equips teachers with a range of effective instructional methodologies for facilitating learning among language-minority students. Examines innovative materials for developing culturally appropriate learning experiences. Presents approaches to instruction in specific content areas (reading, writing, mathematics, science, and social studies). Examines and integrates the use of current technology to enhance instruction for second-language learners.

**ED 445/545 First- and Second-Language Acquisition and Development**

3 credits

Explores the various theories on how first and second languages are acquired. Considers the importance of the early development of a first language and the relationship of this development to the acquisition of other languages. Integrates the relationship of language to cognitive development, as well as definitions and descriptions of bilingualism.

**ED 450/550 Mediation and Conflict**

4 credits

Introduces students to the fundamental concepts and theories of dispute resolution and assists them in developing the basic skills and knowledge for productively managing their own and intervening in others' disputes. Class time consists primarily of practice and roleplay, as well as lecture, lecture-discussion, and coaching by professional mediators. Certificate of completion provided with successful completion of the course. Cross-listed in other departments. Additional fees/tuition may apply.

**ED 451 Advanced Teacher Assistantship**

1 to 2 credits

Provides opportunities to learn about the roles, responsibilities, and skills needed to supervise educational activities. Laboratory includes working in a public school classroom under the direction of a cooperating teacher. Students work with children both one-on-one and in small groups as they learn basic data-taking skills. Course may be applied toward a minor in education.

**ED 452 Outdoor Education Experiences**

2 credits

Students participate as assistants to the administrative staff in a public school outdoor education experience for children in grades 5 and 6. Includes involvement as children learn how natural settings become the perfect classroom for an integrated curriculum.

**ED 453 Southern Oregon University Lead and Serve (SOULS)**

1 to 3 credits

Explores fields of interest and allows students to gain experience in community service placements. For each credit, participants spend thirty hours working in a setting of their choice. For placement in public schools, students must contact the School of Education. Course credit varies in proportion to the amount of time spent and the level of involvement.

**ED 457/557 Curriculum, Instruction, and Assessment I, II**

1 to 3 credits

Studies classroom teaching processes to help the beginning teacher develop a repertoire of strategies for instruction, planning, and assessment of diverse elementary, middle, and secondary classrooms. Emphasizes effective strategies for standards-based education and the implementation of the Oregon Education Act for the Twenty-First Century. Addresses issues related to exceptionality, including mainstreaming and inclusion. Explores material re-

lated to the characteristics and needs of at-risk youth and considers how schools can respond to these needs.

**ED 458 Social Science Methods**

3 credits

Familiarizes students with the skills, instructional techniques, curricular designs, and materials associated with successful teaching of social science subjects at the developmental levels designated in the TSPC licensure framework. Emphasizes effective strategies for standards-based education and the implementation of the Oregon Education Act for the Twenty-First Century. Addresses issues related to the inclusion of students with diverse backgrounds, learning styles, skills, strengths, and special needs in social science teaching methods for grades P-8.

**ED 459 Foundations of Education**

3 credits

Examines literature and research from diverse social science disciplines to present American public education in its historical and social contexts. Emphasizes the multicultural history of public education in the U.S. and the increasing diversity of pre-collegiate classrooms. Provides an opportunity to analyze, investigate, and evaluate current and future schooling issues and to explore ways to improve schooling and instructional practices.

**ED 460/560 Diversity**

3 credits

Emphasizes the philosophical and epistemological perspectives of multicultural education in American public schools. Addresses issues related to exceptionality, including mainstreaming and inclusion. Explores materials related to the characteristics and needs of at-risk youth and considers how schools can respond to these needs. Introduces curriculum planning, instruction, and assessment techniques that help develop an effective multicultural education program at each level of education in public schools.

**ED 462/562 Human Development, Cognition, and Learning**

3 credits

Facilitates an understanding of human development from conception to age twenty-one. Includes learning theories and language; cognitive, social, emotional, and physical development of children; and neurological research. Makes connections between research on learning theories and experiences in a child's school life to build stronger bonds between teaching and learning. Includes a practicum in which teacher education students develop effective ways of addressing learning differences and gain a better understanding of children with unique needs.

**ED 463 Reading/Language Arts Methods**

3 credits

Presents language and literacy as interactive processes involving reading, writing, thinking, speaking, and active listening. Examines the current theories, strategies, and pedagogy for P-8 necessary to promote an educated, diverse society that meets language and literacy demands of the twenty-first century. Activities emphasize a multicultural perspective (with a special focus on the needs of students with

diverse backgrounds), learning styles, skills, strengths, and special needs in reading and language arts teaching methods for grades P-8.

#### **ED 464 Science Methods**

3 credits

Familiarizes students with the skills, instructional strategies, curricular designs, and materials associated with successful teaching of science content and scientific inquiry at the developmental levels designated in the TSPC licensure framework. Emphasizes effective strategies for standards-based education and the implementation of the Oregon Education Act for the Twenty-First Century. Addresses issues related to the inclusion of students with diverse backgrounds, learning styles, skills, strengths, and special needs in science teaching methods for grades P-8.

#### **ED 465 Math Methods**

3 credits

Familiarizes students with the skills, instructional strategies curricular designs, and materials associated with successful teaching of math content and problem solving at the developmental levels designated in the TSPC licensure framework. Emphasizes effective strategies for standards-based education and the implementation of the Oregon Education Act for the Twenty-First Century. Addresses issues related to the inclusion of students with diverse backgrounds, learning styles, skills, strengths and special needs in math teaching methods for grades P-8.

#### **ED 466/566 Human Relations**

1 to 3 credits

Describes a broad range of interactions, including the interpersonal interactions and intrapersonal orientations of each individual. Examines human relationships, classroom organization, and management—which help teacher-education students understand how to establish classroom climates that support learning. Addresses issues related to exceptionality, including mainstreaming and inclusion. Explores materials related to the characteristics and needs of at-risk youths and considers how schools can respond to these needs. Examines relationships among schools, parents, and communities.

#### **ED 467 Health Education Methods**

3 credits

Examines principles of children's health and safety, with emphasis on contemporary personal and environmental issues and the interrelationship between the health of the individual and the environment. Addresses planning, implementation, and evaluation of health instruction. Provides techniques for assessing student needs and determining their progress in health education. Addresses topics of mental, emotional, and personal wellness for children in grades P-8. Explores a national standard curriculum Growing Healthy, America's first comprehensive school health education curriculum, supported by the National Center for Health Education. Provides opportunities for applied research in the field through the Be a Fit Kid program.

#### **ED 468 Physical Education Methods**

3 credits

Examines ways in which classroom teachers can help students develop movement skills and an active, healthy lifestyle. Provides techniques for assessing student needs and determining their progress in physical education. Addresses skills development in the use of selected assessment instruments, planning for PE instruction, and evaluation of student skill development and effectiveness of instruction for grades P-8. Provides opportunities for applied research in the field through the Be a Fit Kid program. Emphasizes progression, sequence, participation, and planning for grades P-8.

#### **ED 469/569 Language and Literacy in the Content Areas**

3 credits

Develops competence in teaching the interactive processes of reading, writing, listening, speaking, viewing, and thinking across the curriculum. Focuses on strategies for teaching students of varied backgrounds and abilities. Grades 4-12.

#### **ED 470/570 The Exceptional Child**

3 credits

Examines the special educational needs of children classified as exceptional. Analyzes the legal requirements of mainstreaming and special programs. Covers the practical aspects of providing or adapting materials, curriculum, and teaching techniques. Studies the affective domain of exceptionality and strategies to help children develop to their fullest potential.

#### **ED 471 Inclusion Strategies**

3 credits

Surveys the foundations of special education, including historical and philosophical perspectives, legal issues, and current trends in instruction and programming. Explores the role of the teacher as related to the exceptional child in the general education classroom. Emphasizes developing knowledge of various conditions of exceptionality, available resources, and educational alternatives through a "learning styles" and case studies approach, with particular emphasis on working with students with exceptional needs in the general classroom. Strategies for including exceptional students will provide a foundation for pre-service teachers in developing differentiated materials and activities.

#### **ED 473 Art Education Methods**

3 credits

Discusses the concepts and issues in art that affect the world of art education. Covers historical perspectives, critical theories, and effective practices in current art education to examine and question boundaries, standards, beliefs, and the current social cultural context. Explores the role and value of art and creativity in child development and learning in classroom settings, the community, and society. Uses a cross-cultural approach to explore art-making, art history, aesthetics, creative and artistic performance, and art appreciation for grades P-8.

#### **ED 480/580 Foundations in Early Childhood/ Elementary Education**

3 credits

Introduces students to the field of early childhood and elementary education and presents an overview of historical and philosophical perspectives. Explores different approaches to ECE and elementary education. Analyzes relevant issues in the field of early childhood and elementary education from sociological and cultural perspectives.

#### **ED 481/581 From At-Risk to Resiliency**

3 credits

Examines the factors that place a student at risk, with the goal of identifying the most beneficial strategies for pulling students through difficulties. Includes chemical abuse, physical and sexual abuse, dysfunctional families, suicide, and socioeconomic status. Addresses the use of community agencies and development of classroom resources.

#### **ED 484/584 Curriculum Design in Early Childhood**

3 credits

Examines early childhood development and learning as a basis for determining developmentally appropriate experiences for young children. Incorporates observation and evaluation into organizing principles and considers the meaning and development of play and its importance in curriculum design. Examines relationships between the environment and program goals.

#### **ED 485/585 Assessment and Planning**

3 credits

Covers the administration and interpretation of screening and assessment tools for identification and evaluation of infants, toddlers, preschool, and primary-grade children with special needs. Examines curricula issues and intervention strategies related to service, delivery, and advocacy for young children.

#### **ED 486/586 Curriculum Content in Early Childhood Education**

3 credits

Uses the developmental-interaction approach as a framework for integrating scientific, social, and mathematical content areas into early childhood programs. Considers ways to facilitate creative development and expression through the visual and performing arts. Explores the role of teacher as facilitator and examines ways to integrate health, safety, and nutrition instruction.

#### **ED 487/587 Family, School, and Community Relations in Early Childhood Education**

3 credits

Examines the socializing environments in a child's life and their interrelatedness. Focuses on understanding the importance of cooperation and collaboration between family and school, including special educators and other professionals. Examines conferencing techniques and explores ways to build positive relationships and strengthen communication between school and family.

<b>ED 488/588 Early Language and Literacy Development</b> 3 credits Examines the process of language development and the emergence of literacy. Studies the cognitive and social bases of language and literacy development. Considers ways of promoting language and literacy development, including the selection and use of activities and materials.	<b>ED 501 Research</b> Credits to be arranged <b>ED 503 Thesis</b> Credits to be arranged <b>ED 506 Special Individual Studies</b> Credits to be arranged <b>ED 508 Workshop</b> Credits to be arranged <b>ED 509 Practicum</b> 1 to 2 credits <b>ED 510 Field Experience: Research Application</b> 1 credit Provides students with opportunities to practice specific research skills, such as observation, interviewing, and data analysis.	<b>ED 520 Professional Portfolio</b> 1 to 3 credits The professional portfolio demonstrates the advanced knowledge, skills, and competencies required of students in the MEd/CTL Program. Students work individually with a faculty advisor to compile appropriate documentation over the course of their programs. Once they have completed the program and fulfilled all the requirements, students submit the final version of their portfolio via this course.
<b>ED 489/589 Interpersonal Relations and Group Management in Early Childhood Education</b> 3 credits Focuses on understanding social and emotional development as a basis for effective group management and positive interpersonal relations. Examines different theories of group management and their relationships to curriculum design. Considers ways to foster positive interactions between children and adults.	<b>ED 511 Field Experience: Research Application</b> 1 credit Provides students with opportunities to practice specific research skills, such as observation, interviewing, and data analysis.	<b>ED 521 Field-Based Practicum: ESOL/Bilingual</b> 3 credits Provides practicum experience in an ESOL/bilingual classroom. Students work with second-language learners and are required to work closely with a mentor-teacher. Students also complete a work sample.
<b>ED 491/591 School Law and Organization</b> 3 credits Studies federal, state, and local legal institutions and laws that affect schools. Emphasizes governance and liability of schools.	<b>ED 512 Educational Research</b> 3 credits Equips students with the necessary skills to become critical consumers of educational research. Students apply research findings to problem identification and analysis and develop a research design appropriate for investigation of a relevant educational problem.	<b>ED 522 Curriculum Design and Educational Change</b> 3 credits Engages students in applying knowledge and skills to real-world situations. Leads students beyond basic recall to high levels of achievement. Challenges students to perform a comprehensive examination of the processes, content, and assessments related to the spectrum of curriculum areas present in a K-12 instructional program.
<b>ED 493/593 Observation and Evaluation of Teaching</b> 3 credits Provides an opportunity for experienced teachers to observe contemporary trends in education and applied learning theories as demonstrated in the schools. Analyzes learning theories, investigates trends and their use in classroom situations, and discusses the effectiveness of educational theories and practices on instruction.	<b>ED 513 Evaluation and Management of Classroom Instruction</b> 3 credits Through classroom observations, students learn to collect, analyze, and use objective data to evaluate the major elements of classroom instruction. Students practice a variety of evaluation tools. Develops management techniques and skills to provide feedback and direction to others. Students also develop their rationale for evaluative practices and create an evaluation instrument of their own.	<b>ED 523 Issues of Educational Reform</b> 3 credits Introduces students to areas of educational reform, restructuring, and change. Includes international, national, state, and local reform efforts and research into educational change. Provides personal strategies for promoting and coping with educational change efforts.
<b>ED 495 Reflective Inquiry/Professional Portfolio</b> 3 credits Provides an opportunity for beginning teachers to examine contemporary trends and research in professional development practices and to understand the personal reflective inquiry process. Analyzes personal values and beliefs affecting instructional approaches, as well as interactions with others, including students, parents, and teachers. Investigates decision-making and problem-solving skills in various situations using deliberate critical inquiry. Discusses the potential of multilevel learning and self-study to improve personal and professional practices in school settings. Guides the development of a professional portfolio that demonstrates the knowledge, skills, and competencies required of student teachers in the initial licensure program.	<b>ED 514 Education in Sociological Perspectives</b> 3 credits Examines literature and research related to the current and historical role of public education in American society from the multiple perspectives of the social sciences. Strengthens analytical skills by applying social science research to the assessment of educational change and public policy in public schools. (Cross-listed with SSC 514.)	<b>ED 524 Professional Models of Governance</b> 3 credits Covers the strategies used by educators as they manage and cope with the numerous innovations and refinements to teaching and learning required in today's schools. Focuses on the principles governing the improvement process.
<b>GRADUATE COURSES</b> Note: Some education courses are offered at both the 400-level and the 500-level. See the <i>Upper Division Courses</i> section for other 500-level courses.	<b>ED 515 Field Experience: Understanding the Learner</b> 1 to 3 credits Focuses on human development, cognition and learning, and the multiple influences on these phenomena as they relate to educational institutions.	<b>ED 525 Public and Professional Relations</b> 3 credits Helps teachers project a positive public image. Involves understanding the multiple audiences and the variety of forums available for articulating one's vision of what education should be. Participants learn to communicate effectively, identify common goals, and present thoughts clearly. Introduces teachers to effective strategies for building positive relationships.
<b>ED 500 Professional Development</b> 0 to 2 credits Designed and sponsored by educational agencies. Offers professional development courses for educators. A maximum of 6 credits may be applied to grant agencies for funding.	<b>ED 519 Action Research as an Approach to School Improvement</b> 3 credits Develops knowledge and skills in appropriate action research techniques. Participants develop an action research proposal that may be implemented in their schools or classrooms and may also be appropriate for submission to grant agencies for funding.	<b>ED 528 Leadership into Practice</b> 3 credits Creates conditions for teacher leadership and requires practice in principles supporting individual and collaborative growth and change. Using current understandings of the forces of educational change and the implementation of personal and professional action plans, students in the MEd/CTL Program work at their school sites to aid in teaching and learning improvement.

**ED 529 Talented and Gifted Education**

3 credits

Designed to give individuals the knowledge and skills necessary to develop a planned program to meet the needs of academically talented and intellectually gifted (TAG) students within a framework of Oregon's state requirements. Students gain an understanding of the characteristics and needs of TAG students, current legislation as it relates to the education of talented and gifted children, identification procedures, assessment options, program and service modules, and curriculum differentiation options.

**ED 533 Advanced Curriculum Work Sample**

3 credits

Designed for previously licensed teachers who have fulfilled Oregon standard teacher licensure requirements. Working independently, candidates prepare a teaching performance work sample consisting of a multiweek teaching unit. The written work sample must include unit goals, lesson plans, pre- and post-instruction student performance data, interpretation of learning gains, and modifications in response to student progress. Students negotiate an individualized meeting and progress schedule with the instructor.

**ED 535 Education in Historical Perspectives**

3 credits

Examines diverse historical perspectives on the origins and development of the aims of American schooling. Provides a foundation for investigating current educational trends and practices. Analyzes the development of educational systems beyond the borders of the United States to deepen understanding of the directions of educational change around the world.

**ED 538 Mathematics in the Elementary School**

3 credits

Focuses on understanding how children learn mathematical concepts and processes. Examines current best practice for teachers in elementary and middle schools, including hands-on instruction, inquiry and constructivist approaches, and integration of mathematics across the curriculum. Examines some commercially prepared programs, such as Math Their Way and Box It and Bag It.

**ED 540 Reading Programs: Curriculum/ Instruction, K-12**

3 credits

Prepares students for leadership roles in developmental, remedial, and enrichment reading programs at school- and district-wide levels. Reviews current materials, media, and management systems for teaching K-12 reading.

**ED 541 Education in Anthropological Perspectives**

3 credits

Examines education as a cultural process, with emphasis on learning and learners. Considers concepts from the fields of anthropology and education and applies them to understanding cultural acquisition in a wide variety of social settings.

**ED 542 Education in Philosophical Perspectives**

3 credits

Examines how the ideas of philosophers relate to current educational aims and practices. Helps students strengthen their own philosophies about educational aims and practices.

**ED 546 Assessment and Evaluation of Second-Language Learners**

3 credits

Teaches assessment principles in the context of language acquisition theory, pedagogical methodology, and legal considerations for second-language learners in the public school system. Emphasizes language proficiency and academic progress in the first and second languages of the students. Introduces standard and alternative instruments and measures. Examines cultural and linguistic biases in assessment and evaluation.

**ED 547 Impact of Culture in the Classroom**

3 credits

Focuses on how culture manifests itself in school settings and provides a foundation for understanding methods and strategies to ensure that each student's own cultural experiences are reflected and validated in classroom learning experiences.

**ED 548 Culture and Family/Community Involvement**

3 credits

Focuses on parent and community involvement in schools. Presents strategies for building strong partnerships among parents, teachers, students, and community members. A study of the differences between school culture and the diverse cultures represented by children and families provides a foundation for learning methods and programs that promote cooperation and collaboration among the school, family, and community. Considers communication strategies among school personnel and families with limited English proficiency.

**ED 549 ESOL/Bilingual Portfolio**

3 credits

Participants in the ESOL/Bilingual Endorsement Program document their understanding and competency through the development of a professional portfolio. Includes information on professional portfolios and format options for documenting the required competencies. Establishes standards for quality. The instructor works individually with students to facilitate the development of a thorough accumulation and presentation of evidence regarding each of the competencies.

**ED 552 Student Teaching: Early Childhood**

2 to 6 credits

Placements in early childhood programs enable students to engage in systematic observation and gradually assume teaching responsibilities. Promotes refinement of skills in curriculum design and delivery.

**ED 558 Special Methods I, II**

1 to 3 credits

Familiarizes students with the skills, instructional techniques, curricular designs, and materials associated with successful teaching of specific subjects at the developmental levels designated in the TSPC licensure framework. Emphasizes effective strategies for standards-based education and the implementation of the Oregon Education Act for the Twenty-First Century. Addresses issues related to exceptionality, including mainstreaming and inclusion. Explores material related to the characteristics and needs of at-risk youth and considers how schools can respond to these needs.

**ED 559 Foundations/Research I, II**

1 to 3 credits

Examines literature and research from diverse social science disciplines to present American public education in historical and social context. Emphasizes the multicultural history of public education in the U.S. and the increasing diversity of precollegiate classrooms. Provides knowledge and skills of action research techniques, with the aim of helping students implement action research projects for school improvement. Includes a practicum in which teacher-education students practice action research techniques as a strategy for school improvement.

**ED 561 Advanced Educational Psychology**

3 credits

Examines major theories of learning and measures current issues and educational practices against a continuum of theories in educational psychology. Engages students in research and development related to theoretical frameworks in educational psychology. Analyzes problems encountered in providing equal and appropriate education to minorities, the culturally different, and the disabled.

**ED 563 Language and Literacy**

3 credits

Presents language and literacy as interactive processes involving reading, writing, thinking, talking, and active listening. Examines the current theories, strategies, and pedagogy for grades P-12 necessary to promote an educated, diverse society that meets language and literacy demands of the twenty-first century. Activities emphasize a multicultural perspective, with a special focus on the needs of at-risk students.

**ED 564 Seminar: Supervision**

3 credits

Participants examine all of the possible activities that can be supervised in a classroom or school, determining the methods best-suited to each area. Focuses on areas of personal growth and the best methods for supervising regular and special education students and classroom volunteers. An investigative project helps students focus on the special needs and interests of each participant. Explores peer coaching and collegial supervision. Students design a supervision program.

**ED 565 Assessment and Improvement of Basic Skills**  
3 credits

Focuses on the development of literacy in all areas of the curriculum. Investigates methods of assessing a student's learning difficulties and devising alternative corrective modifications of materials and instruction. Topics include the development of language, reading comprehension strategies, the role of intelligence tests, standardized testing and its uses, performance assessment, and error analysis. Involves a practicum using assessment tools learned during the class.

**ED 567 Contemporary Issues, Leadership, and Collaboration**

1 to 3 credits

Considers current issues affecting public school teachers, such as curriculum instruction, assessment, technology, time, the learning environment, school-community relations, governance, personnel, and teacher leadership. Builds an understanding of the focal points for participating in school restructuring efforts. Emphasizes effective strategies for standards-based education and the implementation of the Oregon Education Act for the Twenty-First Century.

**ED 568 Integration Projects**

1 to 3 credits

Provides a framework and support for major capstone projects (professional portfolio and advocacy project) that integrate multiple program elements. Helps students make connections between theory and practice. Promotes disposition and strategies for reflective practice.

**ED 571 Middle School Curriculum**

3 credits

Offers an instructional program appropriate for the early adolescent years, with emphasis on the various subject fields. Includes the curriculum, current organizational and instructional practices, and trends associated with the middle school movement.

**ED 572 Learning Styles, Multiple Intelligences, and Emotional Intelligence**

3 credits

Examines the multifaceted nature of students and develops lesson plan formats that incorporate the latest research on the diversity of learning styles and intelligences. Uses the Dunn and Dunn model of learning styles, Howard Gardner's multiple intelligences, and Daniel Goleman's emotional intelligence as starting points. As they learn about their students, participants also gain knowledge about themselves and their own styles.

**ED 575 Reading Comprehension, K-12**

3 credits

Examines how humans process written information. Critiques current theories about reading and writing. Includes information on reading instruction in countries with similar and different symbol systems. Focuses on ways to produce K-12 literacy levels appropriate in the total curriculum of a multicultural society. Prerequisites: ED 558 and admission to teacher education.

**ED 577 Performance Assessment**  
3 credits

Presents performance assessment as an option for evaluating students. Examines several performance assessment models and compares them with traditional forms of evaluation. Studies authentic assessment as a related topic. Enables students to construct scoring guides and use portfolios for performance assessment tasks.

**ED 578 Tests and Measurement**  
3 credits

Introduces teachers to the elements of measurement and assessment essential to classroom practice. Develops the skills to construct and select valid measures of student learning.

**ED 579 School Improvement Measurement**  
3 credits

Provides participants with a repertoire of school improvement measurement strategies that may be used for profiling students' outcomes as part of developing a school improvement plan. Specifically addresses issues of measurement-related school improvement, the purposes and products of school improvement, and possible applications of school improvement measurements to the School Improvement Plan.

**ED 582 Counseling Techniques**  
3 credits

Explores counseling techniques for classroom teachers. Develops the theoretical understanding and practical skills needed to deal constructively with serious personal problems that may affect the behavior and achievements of students.

**ED 583 Comparative Education**  
3 credits

Introduces a global, comparative view of education through the examination of education systems in other countries, such as Australia, New Zealand, Japan, and the United Kingdom. Specifically examines national educational reform agendas, public school structures, and research that compares schooling in the U.S. with other countries.

**ED 590 Complex Instruction**  
3 credits

Creates a classroom environment that incorporates an understanding of current educational research on learning styles, multiple intelligences, cooperative learning, relative social status of students from diverse backgrounds, and rigorous academic inquiry. Challenges elementary, middle, and secondary level teachers to engage all learners using techniques that address the wide range of expectations and abilities present in today's classrooms. Puts into practice the theory of complex instruction as students participate in the curriculum implementation, instructional methodology, and assessment activities accompanying this advanced treatment of learning processes and the roles of educators in the classroom.

**ED 592 Humanizing Instruction**  
3 credits

Relates the research, theory, and practice of humanistic psychology to the classroom, with

emphasis on techniques for building a positive self-concept, resolving classroom conflict, and building effective interpersonal relationships.

**ED 594 Issues in Native American Cultures**  
3 credits

Provides an overview of the history, culture, and life ways of Native Americans, with focus on the peoples of the Pacific Northwest. Provides a basic foundation in Native American history. Examines Indian-white conflict, subsequent cultural disruption, and the impact of events on contemporary Native American peoples. Presents teaching and learning styles in Native American cultures based on research and practice. Examines contemporary topics and issues in Native American cultures and introduces cultural life ways, including song, oral tradition, and dance.

**ED 595 Models of Professional Growth**  
3 credits

Students learn elements of reflective dialogue used to refine an educator's curriculum, instruction, and assessment skills. Develops an understanding of efficient professional growth while emphasizing leadership in a world of constantly evolving techniques and school reform movements.

**ED 596 Models of Teaching**  
3 credits

Examines the compendium of instructional strategies appropriate to various teaching and learning purposes. Develops expertise in the elements of effective models for teaching in K-12 classrooms through a researched cycle of demonstration, practice, and feedback.

**ED 597 Creativity in the Classroom**  
3 credits

Addresses the challenge of incorporating creativity into the classroom amidst the competing demands of content-across-the-curriculum and the diverse range of student abilities. Offers K-12 teachers an opportunity to acquire and practice multiple strategies for fostering creativity in the classroom.

**ED 598 Effective School Communications**  
3 credits

Develops the skills needed to communicate effectively in school districts. Topics include the impact of communication on school effectiveness, communication in negotiations and conflict management, the effect of communication on school improvement and educational change, and interviewing and observational skills.

**Educational Leadership**

**GRADUATE COURSES**

**LEAD 505 CAL Reading and Conference on Leadership and Organizations**

1 to 4 credits

Focuses on issues of organizational leadership in the schools and community. Students work with their mentor, CAL coordinator, and instructor of record to develop an independent study to strengthen theoretical understand-

ing of organizational issues, legal aspects, and leadership at the building and district levels. Readings and assignments are determined collaboratively depending on upon the agreement between the student, practicum mentor, instructor of record, and the CAL coordinator. May also be taken in collaboration with the Southern Oregon Educational Service District (SOESD) leadership development program or other leadership workshops sponsored by the Confederation of Oregon School Administrators or the Oregon School Boards Association. For example, students may attend seminars in association with the SOESD program to fulfill course and class time requirements.

**LEAD 505 CAL Reading and Conference on Culture and Diversity**

1 to 4 credits

Focuses on issues of culture and diversity in the schools and the larger community. Students work with their mentor, CAL coordinator, and instructor of record to develop an independent study to strengthen theoretical understanding of cultural and legal issues and leadership. Readings and assignments are determined collaboratively depending on upon the agreement between the student, practicum mentor, instructor of record, and the CAL coordinator. May also be taken in collaboration with the Southern Oregon Educational Service District (SOESD) leadership development program or other leadership workshops sponsored by the Confederation of Oregon School Administrators or the Oregon School Boards Association. For example, students may attend seminars in association with the SOESD program to fulfill course and class time requirements.

**LEAD 505 CAL Reading and Conference on Evaluation and Assessment**

1 to 4 credits

Focuses on issues of evaluation and assessment in the schools and the community. Students work with their mentor, CAL coordinator, and instructor of record to develop an independent study to strengthen theoretical understanding of evaluation and assessment issues and legal requirements at the building and district levels. Readings and assignments are determined collaboratively depending on upon the agreement between the student, practicum mentor, instructor of record, and the CAL coordinator. May also be taken in collaboration with the Southern Oregon Educational Service District (SOESD) leadership development program or other leadership workshops sponsored by the Confederation of Oregon School Administrators or the Oregon School Boards Association. For example, students may attend seminars in association with the SOESD program to fulfill course and class time requirements.

**LEAD 513 Evaluation and Management of Classroom Instruction**

1 credit

Through classroom observations, students learn to collect, analyze, and use objective data to evaluate the major elements of classroom instruction. Students practice a variety of evaluation tools. Develops management techniques

and skills to provide feedback and direction to others. Students also develop their rationale for evaluative practices and create an evaluation instrument of their own.

**LEAD 520 Administrative Portfolio**

1 credit

Supports the development of a professional portfolio for candidates who are completing their administrative license at either the initial or continuing levels. Purpose is to show evidence of meeting the Oregon Teacher Standards and Practices Commission (TSPC) requirements for the administrative licensure, Standard 7: Practicum Experience. Successful completers must meet the following criteria: evidence of a substantial and sustained practicum that is standards-based, accomplished in real settings across all authorization levels, planned and guided cooperatively, and taken for graduate credit. Candidates work with their practicum mentor, SOU supervising professor, and the LEAD program coordinator to plan, develop, and submit the portfolio.

**LEAD 522 Curriculum Design and Educational Change**

1 credit

Engages students in applying knowledge and skills to real-world situations. Leads students beyond basic recall to high levels of achievement. Challenges students to perform a comprehensive examination of the processes, content, and assessments related to the spectrum of curriculum areas present in a K-12 instructional program.

**LEAD 523 Issues of Educational Reform**

1 credit

Introduces students to areas of educational reform, restructuring, and change. Includes international, national, state, and local reform efforts and research into educational change. Provides personal strategies for promoting and coping with educational change efforts.

**LEAD 524 Professional Models of Governance**

1 credit

Covers the strategies used by educators as they manage and cope with the numerous innovations and refinements to teaching and learning required in today's schools. Focuses on the principles governing the improvement process.

**LEAD 525 Public and Professional Relations**

3 credits

Helps teachers project a positive public image. Involves understanding the multiple audiences and the variety of forums available for articulating one's vision of what education should be. Participants learn to communicate effectively, identify common goals, and present thoughts clearly. Introduces teachers to effective strategies for building positive relationships.

**LEAD 528 Leadership into Practice**

1 to 9 credits

Creates conditions for teacher leadership and requires practice in principles supporting individual and collaborative growth and change. Using current understandings of the forces of

educational change and the implementation of personal and professional action plans, students in the MEd/CTL Program work at their school sites to aid in teaching and learning improvement.

**LEAD 548 Culture and Family/Community Involvement**

1 credit

Focuses on parent and community involvement in schools. Presents strategies for building strong partnerships among parents, teachers, students, and community members. A study of the differences between school culture and the diverse cultures represented by children and families provides a foundation for learning methods and programs that promote cooperation and collaboration among the school, family, and community. Considers communication strategies among school personnel and families with limited English proficiency.

**LEAD 560 Diversity**

1 credit

Emphasizes the philosophical and epistemological perspectives of multicultural education in American public schools. Addresses issues related to exceptionality, including mainstreaming and inclusion. Explores materials related to the characteristics and needs of at-risk youth and considers how schools can respond to these needs. Introduces curriculum planning, as well as instruction and assessment techniques that help develop an effective multicultural education program at each level of education in public schools.

**LEAD 564 Supervision and Evaluation of Instruction**

3 to 4 credits

Examines the role of building and district administrators as instructional leaders. Focuses on the theoretical and applied perspectives on effective instructional and curriculum leadership, which includes applying knowledge and skills about effective instruction and curriculum to improve teaching practices to increase student learning.

**LEAD 579 School Improvement Measurement**

1 credit

Provides participants with a repertoire of school improvement measurement strategies that may be used for profiling students' outcomes as part of developing a school improvement plan. Specifically addresses issues of measurement related school improvement, the purposes and products of school improvement, and possible applications of school improvement measurements to the School Improvement Plan.

**LEAD 585 Contract Management and Human Resources**

3 to 4 credits

Explores the responsibilities central office personnel and school building administrators have with understanding, monitoring, and maintaining labor agreements that govern employment practices at the school and district levels. Considers the responsibilities associated with maintaining agreements through the collective bargaining process, as well as legal implications

related to grievances, aggregations, violations, and irregularities in the management of the collective bargaining agreement and human resource management, including dispute resolution and other grievance procedures by faculty, students, parents, and community members.

**LEAD 588 Cultural and Organizational Leadership**

3 to 4 credits

Considers advanced concepts on the application of cultural competence in relation to organizational theory, behavior, and administration. Addresses theoretical concepts from across the field of management behavior in business, industry, government, and education with a focus on cultural diversity and awareness and legal implications. Theories include dealing with how organizations are managed at both behavioral and administrative levels in diverse settings. Considers differences across the various levels of organizations, especially how they affect legal, cultural, and political aspects of schools and educational organizations. Directed toward an inquiry of effective and culturally competent organizational leadership at the district level and the various administrative components of budget, finance, evaluation, law, and assessment. May also be taken in collaboration with the Southern Oregon Educational Service District (SOESD) leadership development program or other leadership workshops sponsored by the Confederation of Oregon School Administrators or the Oregon School Boards Association. For example, students may attend seminars in association with the SOESD program to fulfill course and class time requirements.

**LEAD 591 School Law and Organization**

1 credit

Studies federal, state, and local legal institutions and laws that affect schools. Emphasizes governance and liability of schools.

**LEAD 592 Humanizing Instruction**

1 credit

Relates the research, theory, and practice of humanistic psychology to the classroom, with emphasis on techniques for building a positive self-concept, resolving classroom conflict, and building effective interpersonal relationships.

**LEAD 595 Models of Professional Growth**

3 credits

Students learn elements of reflective dialogue used to refine an educator's curriculum, instruction, and assessment skills. Develops an understanding of efficient professional growth while providing the potential for leadership in a world of constantly evolving techniques and school reform movements.

**Collaborative Reading Courses**

**GRADUATE COURSES**

**READ 509 Practicum**

3 credits

Carried out in schools and/or districts and consists of candidates working directly with students, other faculty, administrators, and the school community to fulfill various roles of

the reading specialist. Explores reading teaching; literacy testing; curriculum development for various groups of readers including ELL, struggling readers, average and gifted readers; assessing and making recommendations for a school's reading program; and developing literacy-focused professional development sessions for faculty, administrators, instructional assistants, and parents. Typically, the practicum is the final capstone course of the reading endorsement course of study. Prerequisites: 12 credit hours of coursework in literacy.

**READ 512 Foundations of Literacy, ECE/ELEM**

3 credits

Introduces teachers to the foundations of literacy. Examines the factors that influence literacy learning and analyzes core understandings about the nature of reading. Emphasizes consensus research findings and explores how these are translated into best practices in the classroom. Prerequisite: Graduate standing. (Learners are assumed to be elementary teachers with access to a classroom of students.)

**READ 515 ECE Foundations of Literacy Development**

3 credits

Examines the process of early language development and the emergence of literacy, focusing on the first eight years of life. Studies literacy development in diverse contexts and examines the influence of individual, cultural, linguistic, ethnic, and racial differences, as well as ability levels. Considers ways of promoting language and literacy development, including the selection and use of activities and materials suitable for the facilitation of early literacy. Access to early childhood students is required.

**READ 532 Writing Across the Curriculum**

3 credits

Learners will explore instructional strategies in order to guide their students in acquiring writing skills in content areas. Emphasis is on the functional teaching of writing, including designing and preparing materials to use with curriculum materials in all school subjects.

**READ 537 Reading Across the Curriculum**

3 credits

Learners will explore and experience instructional strategies designed to guide students toward student-owned, reading-to-learn strategies in all curriculum and content areas. Emphasis is on active reading strategies focused on pre-, during-, and after-reading.

**READ 570 Classroom Assessment and Reading Instruction**

3 credits

Provides teachers an understanding of issues related to reading instruction and assessment. Practicing educators are provided research-validated strategies and assessment tools to inform instruction, meet the needs of individual learners, and develop an understanding of the issues related to effective reading instruction. Focuses on the integral relationship between informal classroom assessments and effective

instructional strategies within the context of a balanced reading approach. Prerequisite: Learners are assumed to be teachers with access to students in the PK-12 grade level.

**READ 572 ECE Reading Assessment**

3 credits

Examines varieties of assessment for early reading and literacy, focusing on the first eight years of life. Studies current reading assessment approaches within diverse contexts and examines the influence of individual, cultural, linguistic, ethnic, and racial differences, as well as abilities and disabilities. Considers ways of sharing reading assessment information that identifies children in need of prevention. Covers early-intervention planning with early childhood educators and family members. Access to early childhood students is required.

**READ 580 Leadership in Reading Programs**

3 credits

Explores the role of the reading specialist as a teacher and school literacy leader; how curriculum is developed; the role of coach, supervisor, and professional developer; and the role of a reading advocate for all students. Prerequisite: Graduate course only, to be taken by teachers who already have a teaching license. (Many assignments are designed to be implemented in your school setting. If you are not currently teaching, you will need to find a school that will allow you to talk with the reading specialist and a few classroom teachers.)

**READ 581 Action Research in Leadership in Literacy**

3 credits

Develops knowledge and skills in appropriate action research techniques. Participants develop an action research proposal that may be implemented in their schools or classrooms and may also be appropriate for submission to grant agencies for funding. Prerequisite: Learners are assumed to be teachers with access to elementary and/or secondary students.

**READ 590 Children's Literature: PK-5**

3 credits

Explores children's literature that includes ethnic and cultural diversity. Focuses on current and traditional works, as well as authors and illustrators of children's books at the early childhood and elementary levels. Students share books and book-related experiences with children. Explores instructional strategies for using literature to teach reading and content subjects in the classroom. Access to early childhood or elementary-level students is required.

**READ 593 Children's Lit Module: PK-5**

3 credits

Surveys literary selections in a variety of genres for early childhood and elementary children. Applies the varied use of literature to teaching reading and content subjects in classroom situations. Explores creativity for students and teachers as inspired by children's literature. Access to early childhood or elementary-level students is required.

## Special Education Courses

### UPPER DIVISION COURSES

#### SPED 417/517 Curriculum for the Talented and Gifted

3 credits

Emphasizes methods of adapting the regular classroom curriculum to mainstreamed gifted or talented students. Includes techniques for individualizing instruction, using resources, and educating parents. For regular or special classroom teachers.

### GRADUATE COURSES

#### SPED 509 September Practicum

1 to 2 credits (maximum 3 credits)

In this first field experience, the special education candidate observes the activities of an experienced special educator as the school year begins. The candidate will observe and support the special education teacher with setting up the classroom, becoming acquainted with students, determining the schedule of services, and any other tasks necessary to begin the school year. Candidates will maintain a journal and gather specific information regarding assessments, curriculum, students, and ways in which services are scheduled. Activities associated with SPED 521L, 528L, and ED 519 will be conducted throughout the September Experience. May be repeated for credit.

#### SPED 510 Practicum II: Assessment

3 credits

Follows Special Educator I and II assessment courses. Involves the preparation of a work sample for the Special Educator I applicant. Includes completion of a comprehensive assessment covering both language arts and math (such as the administration of a complete Woodcock-Johnson battery).

#### SPED 511 Internship: Dual Endorsement Candidates

6 to 14 credits

The culminating experience for interns in the Dual Endorsement Special Education Program. Successful candidates will be endorsed to teach in both special education and general education settings. A half-day, full-term internship experience designed to give the intern maximum opportunity to direct and manage a special education setting to which they are assigned. When appropriate, interns assume total responsibility for student instruction, scheduling, management, and mainstreaming, as well as working with classroom assistants, parents, volunteers, and regular education staff whenever possible.

#### SPED 515 Understanding the Needs of the Talented and Gifted

3 credits

Introduces the regular classroom teacher, administrator, or parent to the education of gifted children. Includes historical perspectives, characteristics of gifted and talented students, definitions of giftedness, principles of acceleration and enrichment, parenting, and legal issues.

#### SPED 516 Identification and Assessment of the Gifted or Talented Child

3 credits

Introduces the basics of assessment techniques for identifying traits of giftedness and types of talent. Considers standardized and informal testing procedures, types of instruments used, and Oregon statutory requirements.

#### SPED 518 Models for Developing Programs for the Talented and Gifted

3 credits

Presents current K-12 models and systems for teaching talented and gifted students. Examines possible implementations of these approaches. Investigates research behind the models and explores techniques used for recognizing and developing the full potential of talented and gifted individuals in public schools.

#### SPED 520 Law and Policy

4 credits

Provides an overview of laws and litigation affecting special education. Includes the development of laws that govern special education beginning with P.L. 94-142 through the current re-authorization of IDEIA. Reviews section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. Includes a review of major litigation since 1954 that has shaped and continues to influence special education practices.

#### SPED 521 Family and Community Services

3 credits

Discusses collaboration with parents, colleagues in general and special education, and community agencies. Addresses diversity and cultural competence from a social justice perspective. Candidates are expected to have the knowledge and ability to communicate with agencies outside the school that impact individuals with disabilities.

#### SPED 521L Family and Community Services Lab

1 credit

As part of September Experience, candidates utilize information from Family and Community Services (SPED 521) to detail the roles and responsibilities of the special educator and support staff within the special education setting; begin working in collaboration with either a MAT pre-service teacher or a general educator in the general education setting; and describe the learning environment within the special education and general education settings.

#### SPED 522 Administration and Interpretation of Assessment Instruments

3 credits

As a sequence to SPED 527, prepares teachers to interpret results from standardized norm referenced assessments, as well as teacher-made, curriculum-based assessment instruments commonly used in public schools. Covers writing assessment reports, as well as interpreting the reports of others and explaining the results to parents and other teachers.

#### SPED 522L Administration and Interpretation of Assessment Lab

1 credit

Provides candidates with an opportunity to extend their skills in conducting and administering formal and informal assessments, as well as interpreting the results to targeted students in the field setting. A major component of the winter term work sample.

#### SPED 523 Behavior Management

3 credits

Introduces the theory, vocabulary, principles, and techniques for fostering a learning environment with a positive atmosphere. Includes a variety of management models, ways to preserve the dignity and human rights of students with disabilities, and legal and district policy responsibilities regarding behavior and behavior management. Candidates learn strategies for assessing individual and group behavior and apply theories to develop behavior management plans for both group and individual students.

#### SPED 523L Behavior Management Lab

1 credit

Provides candidates the opportunity to gain practical experience to conduct functional behavioral analyses, develop behavioral intervention plans, and implement the plans in the field setting. Provides candidates opportunities to begin to understand how classroom and behavior management strategies and techniques apply in the field.

#### SPED 524 Interventions in Academic Skills: Mathematics Methods

3 credits

Provides instruction in the planning, development, and implementation of academic curricula and lessons for the student with special needs, with emphasis on mathematics. Major topics include modifying the general education curricula, developing parallel curricula, and providing supplemental curricula. Emphasizes creating opportunities for students with special needs to succeed in a general education setting by utilizing appropriate modifications whenever possible.

#### SPED 524L Interventions in Academic Skills: Mathematics Methods Skills Lab

1 credit

Provides candidates the opportunity to use their skills to design and implement effective instruction to targeted students in the field setting. A major component of the winter term work sample, along with SPED 522L.

#### SPED 525 Interventions in Functional Skills

3 credits

Develops candidates' skills in designing interventions for students with severe disabilities. Includes instruction in self-help skill development, social skills, home-living management, recreational activities, dietary instruction, and a variety of living and family-life skills. Discusses transitions from early educational settings to those provided for the older student, with a primary focus on the transition from school to community life.

**SPED 525L Interventions in Functional Skills****Lab**

1 credit

Provides candidates the opportunity to spend extended time in a variety of special education settings. Candidates are assigned to observe and work in severe needs and other special education settings as a part of this and other lab activities.

**SPED 526 IEP Development**

3 credits

Covers the preparation, development, implementation, and evaluation of the IEP and all of the review procedures relating to individualized programming. Prepares special education teachers to plan and conduct meetings in accordance with federal, state, and district regulations. Bridges information gained in assessment and intervention classes and provides practical experience in developing programs based on that information. Introduces technology appropriate to the development and maintenance of records.

**SPED 526L IEP Development Lab**

1 credit

Allows candidates to develop IEPs for a variety of students in the field setting. Familiarizes candidates with the development and implementation of the IEP. Sets the foundation for candidates to lead IEP meetings during spring term. In addition, the IEP will be the framework for the winter term work sample.

**SPED 527 Theory and Tools of Assessment**

3 credits

Prepares special education teachers to understand and interpret assessment and statistical data. Develops an awareness of cultural influences on assessment results. Emphasizes identifying sources of diagnostic instruments and their evaluation and prepares teachers to administer assessment instruments commonly used in public schools. While the assessment instruments may vary, features include comprehensive assessments such as the Woodcock-Johnson Psycho-Educational Battery and subject-specific instruments such as the Key Math and the Woodcock Reading Mastery.

**SPED 527L Theory and Tools of Assessment****Lab**

1 credit

Provides candidates opportunities to gain practical experience administering formal and informal assessments to targeted students in the field setting. Lab projects set the foundation for the winter term work sample.

**SPED 528 Medical Aspects of Special Education and Characteristics of Disabilities**

3 credits

Focuses on the categories of disability included in the Individuals with Disabilities Education Improvement Act. Includes information about organic and environmental causes of disabilities, definitions for each category of eligibility, and criteria for identifying students under each eligibility category.

**SPED 528L Medical Aspects of Special Education and Characteristics of Disabilities****Lab**

1 credit

As part of September Experience, candidates utilize the information from SPED 528 to detail the caseload of their mentor teacher or current special education placement, describe the characteristics of students within the caseload, and begin to document strategies and techniques to engage learners in a variety of settings.

**SPED 550 Student Teaching**

1 to 14 credits

Provides a full-day experience that includes the preparation of a work sample and participation in the activities of a functioning special education setting. Requires students to demonstrate competency in all areas of special education, including assessment, instruction, planning, and evaluation. Prerequisite: Completion of the Stand-Alone Special Education Program coursework.

**SPED 551 Multiple Disabilities**

3 credits

Intended for instructors dealing with students who have severe or multiple disabilities. Includes the latest information on medical and related services, such as speech and physical therapy techniques and assistive devices. Explores techniques for serving students with low-incidence disabilities (including complex syndromes); deaf, blind, and deaf-blind students; and others who need specialized interventions.

**SPED 552 Advanced Interventions in Academic Skills**

3 credits

Features interventions for students with mild or moderate disabilities who function well in academic areas. Includes practical, contemporary techniques for achieving academic goals and objectives in reading, language, math, and other basic skill areas. Broadens and supplements the skills and knowledge of a licensed special educator.

**SPED 553 Advanced Interventions in Functional Skills**

3 credits

Offers licensed special education teachers advanced information on instruction in functional skill areas such as independent living, vocational opportunities, family life, recreation, home economics, nutrition, self-help skills, and community agency assistance programs.

**SPED 554 Advanced Assessment and Diagnosis**

3 credits

Focuses on the application of commonly used formal and informal diagnostic instruments. Details the administration of several types of instruments. Includes an examination of alternative assessment procedures using techniques such as informal or qualitative observation techniques, portfolio preparation and analysis, authentic assessment, and curriculum-based assessment.

**SPED 555 Advanced Legal Issues**

3 credits

Expands a good basic understanding of special education law through investigating case law and current controversial issues in legal matters. Includes case analysis, reading of legal briefs, application of state and federal law to district practice, and preparation techniques for due process hearings.

**SPED 556 Advanced Techniques in Behavior Management**

3 credits

Provides an in-depth examination of curriculum and program development, special methods, techniques of management, and procedures in public school settings for students with difficult behavior challenges. Includes the application of IDEA 1997 guidelines to drug and weapons violations and FAPE in alternative settings. Examines the conflict between the least-restrictive-setting principle and the constraints of unusual behavioral interventions.

**SPED 557 Current Issues in Special Education**

3 credits

Offers an in-depth study of controversial issues in special education for the practicing special education teacher. Examines current thought, curriculum, and practice from differing points of view through participation in seminar discussions, debates, and research. Requires students to defend several sides of controversial issues and to articulate the rationale for practices that may be misunderstood or contested by others.

**SPED 558 Theory, Assessment, and Diagnosis of Autism**

3 credits

Emphasizes the etiology, history, definition, and assessment of the many manifestations and symptoms of this pervasive disability. Includes visits to field-based settings and discussions with experts.

**SPED 559 Direct Intervention Strategies for Autism**

3 credits

Introduces a variety of curriculum methods, intervention techniques, and practical strategies for dealing with autistic students of all ages. Includes hands-on instruction opportunities, as well as lesson planning and goal-determination experience.

**SPED 560 Practicum in Autism**

3 credits

Students gain substantial experience working with autistic children. Includes completion of a work sample.

## Engineering

Science 166  
541-552-6475

Professors: Panos Photinos, Peter Wu  
Associate Professor: George Quainoo  
Assistant Professor: Ellen Siem

The engineering program is part of the Department of Chemistry, Physics, Materials, and Engineering. Engineering graduates enter such fields as aeronautical, chemical, computer, electrical, electronic, environmental, mechanical, and civil engineering. Southern Oregon University offers a preprofessional program in engineering and wood science and technology that provides the necessary coursework for admission as a junior into professional engineering programs. Students typically spend three years at SOU before transferring to engineering programs. Students may also be interested in exploring the applied physics or the physics-engineering dual degree options. Advising for all of these programs is handled by the Physics Department, which also offers an engineering-physics option.

### Requirements for Engineering

Each engineering degree program has specific course requirements students must meet before being admitted to the professional program. Therefore, students should immediately contact the engineering coordinator for details about the required curriculum.

### Engineering Courses

#### LOWER DIVISION COURSES

##### ENGR 101 Engineering Orientation I: Careers, Skills, and Computer Tools

2 credits

Introduces engineering curricula, career paths, ethics, problem solving, communication, and computer programming. This series is required for all areas of engineering.

##### ENGR 102 Engineering Orientation II: Careers, Skills, and Computer Tools

2 credits

Examines communication and problem-solving skills in engineering. Prerequisite: ENGR 101.

##### ENGR 103 Engineering Orientation III: Careers, Skills, and Computer Tools

2 credits

Focuses on problem solving and computer programming skills in engineering. Prerequisite: ENGR 102.

##### ENGR 174 Digital Systems and Robotics

3 credits

Introduces the basics of digital electronics and the fundamentals of robotics. Topics include simple logic, truth tables, logic gates, voltage, currents, power, TTL chips, sensors, servos, and some practical applications. Cross-listed with PH 174.

##### ENGR 175 The Science and Technology of Nanoparticles

3 credits

Introduces nanoparticles and nanoparticle technology. Focuses on the basic concepts, tools, and applications of nanoparticles to fields such as medicine, energy, electronics, and mechanics. Provides a historical perspective and an understanding of the relationship between nanoparticles and materials science. Cross-listed with PH 175. Approved for University Studies (Explorations).

##### ENGR 176 The Science and Technology of Materials

3 credits

Introduces basic concepts of materials science and the microstructure-property relationships in various classes of materials such as metals, ceramics, polymers, composites, and semiconductors. Topics include fundamental characterization techniques and application to science and technology. Cross-listed with PH 176.

##### ENGR 201 Electrical Fundamentals

3 credits

Examines electrical-theory laws. Includes circuit analysis of DC circuits; natural, step, and sinusoidal responses of circuits; and operational amplifier characteristics and applications. Two lectures and one 3-hour laboratory. Prerequisite: MTH 251. Corequisite: ENGR 201L.

##### ENGR 202 Electrical Fundamentals

3 credits

Covers steady-state AC circuits, both single and three-phase. Includes resonance, mutual inductance, and operational amplifier applications. Two lectures and one 3-hour laboratory. Prerequisites: ENGR 201 and MTH 321. Corequisite: ENGR 202L.

##### ENGR 203 Electrical Fundamentals

3 credits

Addresses two-port networks, transfer functions, and transient analysis. Includes an introduction to digital systems. Two lectures and one 3-hour lab. Prerequisite: ENGR 202.

##### ENGR 211 Statics

3 credits

Analyzes forces induced in structures and machines by various types of loading. Prerequisite: ENGR 221; PH 201; or PH 221.

##### ENGR 212 Dynamics

3 credits

Explores kinematics, Newton's laws of motion, work-energy theorem, and impulse-momentum relationships as applied to engineering systems. Prerequisite: ENGR 211.

##### ENGR 221 Calculus-Based Physics for Engineers I

4 credits

First part of the general physics series. Entire series required of all pre-engineering students. Introduces statics, equations of linear and rotational motion, and Newton's laws. Examines work and energy for linear and rotational motion and the law of universal gravitation. Three lectures and one recitation. Approved for Uni-

versity Studies (Explorations). Prerequisites: MTH 252 or MTH 251 with PH 190. Corequisite: ENGR 224.

##### ENGR 222 Calculus-Based Physics for Engineers II

4 credits

Examines simple harmonic motion, fluids, heat, ideal gas law, kinetic theory of gases, thermodynamics, sound, waves, and electric force and potential. Three lectures and one recitation. Approved for University Studies (Explorations). Prerequisite: ENGR 221. Corequisite: ENGR 225.

##### ENGR 223 Calculus-Based Physics for Engineers III

4 credits

Covers electrical energy and field, circuits, magnetic force and field, electromagnetic induction and waves, light, optics, and interference. Three lectures and one recitation. Approved for University Studies (Explorations). Prerequisite: ENGR 222. Corequisite: ENGR 226.

##### ENGR 224 General Engineering Laboratory I

2 credits

Laboratory activities designed to complement ENGR 221. One 3-hour laboratory. Approved for University Studies (Explorations). Corequisite: ENGR 221.

##### ENGR 225 General Engineering Laboratory II

2 credits

Laboratory activities designed to complement ENGR 222. One 3-hour laboratory. Approved for University Studies (Explorations). Corequisite: ENGR 222.

##### ENGR 226 General Engineering Laboratory III

2 credits

Laboratory activities designed to complement ENGR 223. One 3-hour laboratory. Approved for University Studies (Explorations). Corequisite: ENGR 223.

#### UPPER DIVISION COURSES

##### ENGR 311 Thermodynamics

4 credits

Covers the laws of thermodynamics and the fundamental thermodynamics concepts of entropy, internal energy, and chemical potential. Includes applications to ideal and real gases and statistical interpretation of material properties. Prerequisite: ENGR 223 or PH 203.

##### ENGR 322 Analog Electronics

4 credits

Focuses on understanding, designing, and troubleshooting analog circuits. Discusses topics such as filters, rectifiers, power supplies, and amplifiers. Covers both DC and AC circuits. Three lectures and one 3-hour lab. Prerequisite: MTH 252.

##### ENGR 323 Digital Electronics

4 credits

Focuses on understanding, designing, and troubleshooting digital circuits. Discusses topics such as logic functions, gates, latches, flip-flops,

combinational and sequential logic, and interfacing analog and digital circuits. Three lectures and one 3-hour lab. Approved for University Studies (Integration). Prerequisite: MTH 111.

### ENGR 333 Optics and Waves

3 credits

Offers an introduction of optics for science majors. Topics include imaging systems, wave theory, aberrations, diffraction, and interference. Prerequisite: ENGR 223. Corequisite: ENGR 336. (Cross-listed with PH 333.)

### ENGR 336 Optics Laboratory

1 credit

Laboratory course in optics designed to complement ENGR 333. Provides practical experience with lasers, optical devices, imaging systems, and fiber optics. One 3-hour laboratory. Corequisite: ENGR 333. (Cross-listed with PH 336.)

### ENGR 339 Lasers

3 credits

Designed for physics, chemistry, biology, and engineering majors. Covers the fundamental types of lasers, as well as operational characteristics and applications of lasers in physics, chemistry, communication, engineering, industry, and medicine. Two lectures and one 3-hour laboratory. Prerequisite: ENGR 223.

### ENGR 371 Mathematical Methods for Engineering

4 credits

Previews basic, applied mathematical methods for intermediate students in the physical sciences. Covers infinite series, complex functions, partial differentiation, multiple integration, and vector analysis. Prerequisite: MTH 252.

### ENGR 373 Computational Methods in Engineering

3 credits

Introduces the use of computers in solving science and engineering problems. Applies programming techniques to integration, differentiation, and modeling. Prerequisite: PH 201 or 221.

### ENGR 374 Introduction to Materials Science

3 credits

Introduces the science and engineering of materials. Covers metals, ceramics and glasses, polymers, and composites. Topics include crystals, defects, non-crystalline structures, phase diagrams, kinetics, processing degradation, and failure of materials. Prerequisite: ENGR 223.

### ENGR 375 Thermodynamics of Materials

3 credits

Examines the thermodynamic description and prediction of materials properties. Topics include nonideal gases, solutions, phase equilibria, phase transitions, nucleation, and crystallization. Prerequisite: ENGR 223.

### ENGR 401/501 Research

Credits to be arranged

### ENGR 405 Reading and Conference

Credits to be arranged

### ENGR 407/507 Seminar

Credits to be arranged

### ENGR 408/508 Workshop

Credits to be arranged

### ENGR 409 Practicum

Credits to be arranged

### ENGR 461 Properties of Solid Materials

4 credits

Explores crystal structure and binding; reciprocal lattice; and mechanical, thermal, electrical, optical, magnetic, and transport properties of solids. Prerequisite: PH 371.

### ENGR 474 Kinetics in Materials

3 credits

Examines kinetic processes such as diffusion, crystal growth, and phase transformation, as well as their relationship to the structure and macroscopic behavior of the resulting materials. Topics covered include crystal interfaces and microstructure, solidification, diffusional transformation in solids, and diffusionless transformation. Prerequisite: ENGR 223.

### ENGR 475 Nanoparticles and Nanoparticle Technology

3 credits

Introduces nanoparticles and nanoparticle technology to science majors. Provides a brief historical context. Explores nanoscale particle properties (mechanical properties and phase stability), nanoparticle design and fabrication, nanoparticle characterization, and nanoparticle applications. Emphasizes the relationship between the internal structure of a nanoparticle and its properties. Prerequisite: PH 223.

## English and Writing

Central 261

541-552-6181

Charlotte Hadella, Chair

Professors: Alma Rosa Alvarez Edwin L. Battistella, Peggy Cheng,

Terry L. DeHay, Bill Gholson, Charlotte Hadella, Sandra J. Holstein, Tom Nash, Craig Wright

Associate Professors: Diana F. Maltz, K. Silem Mohammad

Instructor: Cynthia Wallace

The English and writing program is part of the Department of Language, Literature, and Philosophy. Its faculty is dedicated to providing a well-rounded undergraduate education. The professors, while maintaining a commitment to multicultural and international study, believe students should receive a strong foundation in literature, language, and writing. Students select one of the five programs of study, outlined below, and conclude with a senior capstone project. Class sizes are small, allowing faculty to work closely with students. English and writing faculty also continue their own research and writing projects, always mindful of ways to enrich the classroom experience.

Internships, practica, and professional student-run publications such as *West Wind Review* and *Cognito* offer our majors the opportunity to apply the literary and writing skills they learn

in class to real-world settings. Students participate in practica at local schools and businesses, write and edit at local presses, and write grants for institutional and community organizations. The program also provides excellent preparation for students wishing to apply for graduate programs in writing, literature, education, and other related professional fields.

## Degrees

BA in English and Writing with a concentration in one of the following programs:

Creative Writing

English Education

Literary Studies

Professional Writing

Special Studies

BS in English and Writing with a concentration in Professional Writing (Advisor's approval required. This option requires the student to have a minor)

BA or BS in Arts and Letters or Interdisciplinary Studies with an emphasis in English and Writing

## Minors

Creative Writing

English Education

Literary Studies

Writing with Professional Applications

## Declaring a Major in English and Writing

Declaring a major in English and writing is a two-step process. The first step is to apply for premajor status. Students may do this at any time, although it is advisable to wait until the end of the freshman year. The premajor application is available in the department office. Upon admission, students will be assigned a department faculty advisor.

The second step is to apply for major status. Before applying, students must complete departmental prerequisites (as described below), complete 75 credits, and maintain a minimum 2.75 GPA in English and writing coursework. Students are required to meet with their faculty advisor prior to turning in the major application, which requires an advisor's signature. At this time, students also select one of the program options as described below.

## Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Complete prerequisites.
3. Complete the core courses, as well as the requirements for the selected program.
4. Maintain a minimum 2.5 cumulative GPA and a minimum 2.75 GPA in English and writing courses.

Exceptions to the above requirements may be presented to the department chair for consideration.

**Prerequisites**

(12 credits)

Lower division literature and/or lower division creative writing*	8
ENG 298 or equivalent	4
*Creative writing program requires WR 241 and 242.	

**Core Courses**

(20 credits)

Introduction to Literary Theory and Critical Writing (ENG 300)	4
Topics in British Literature (ENG 371 and 372) or Topics in U.S. Literature (ENG 381 and 382)	8
Advanced Composition (WR 414)	4
Linguistics (ENG 490, 491, 492, or 494)*	4
*English education program requires ENG 490.	

**Program Options**

In addition to completing the above prerequisites and core courses, students select one of the following programs.

**CREATIVE WRITING (BA)**

(36 credits)

The creative writing program is designed to give students a working acquaintance with contemporary directions in poetry, fiction, and cross-genre writing, as well as providing them with a solid background in influential concepts of modern poetics and narrative theory. The primary goal of this program is to maintain a balanced emphasis on theory and practice and to supplement creative exercises with assigned reading in representative traditions.

200- or 300-level grammar course	4
Two 300-level creative writing courses	8
Two 400-level creative writing courses	8
400-level literature course	4
Upper division writing or literature course (or arts and letters elective as approved by an advisor)	4
West Wind Review (WR 420)	6
Capstone (WR 400)	2

**ENGLISH EDUCATION (BA)**

(38 credits)

The English education program combines literature, writing, and linguistic studies to give students a strong knowledge base in language arts. Designed to prepare students for a graduate teaching licensing program in elementary or secondary education, the English education curriculum includes courses in pedagogy and practicum credits for field experiences.

200- or 300-level grammar course	4
Teaching Written Composition (WR 472)* or Writing Workshop for Teachers (WR 312)	4
Teaching Literature (ENG 488), Young Adult Novel (ENG 489), or Teaching Global Perspectives Through Children's Literature (ENG 398)	4
TESL (ENG 487)	4
Diversity Studies (see department for available courses)	4
Poetry Studies (see department for available courses)	4
400-level literature, linguistics, and/or writing courses**	12
Capstone (WR 400)	2

\*WR 472 required for middle and high school authorization level in the MAT program.

\*\*Studies in Shakespeare (ENG 436) is highly recommended for students planning on middle and high school authorization level in the MAT program.

**LITERARY STUDIES (BA)**

(38 credits)

The literary studies program offers students the opportunity to study the complex relationship between language and life, combining the pleasure of reading literature with the challenge of mastering writing, editing, critical analysis, and research skills. The program is designed to prepare students for graduate studies in literature and other related fields, as well as a lifetime of thinking and learning.

Topics in British Literature (ENG 371, 372) or Topics in U.S. Literature (ENG 381, 382)*	8
Single Author Studies (see department for available courses)	4
Diversity Studies (see department for available courses)	4
400-level literature courses	12
Capstone (ENG/WR 400)	2

Select 8 credits from the following:

Upper division literature courses (300- and 400-level)	4 credits each
Fiction Writing (WR 330)	4
Poetry Writing (WR 341)	4
Topics in Nonfiction Essay (WR 350)	4
Topics in Rhetoric (WR 493)	4
The English Language: An Introduction (ENG 490)	4
History of the English Language (ENG 491)	4
Structure of the English Language (ENG 492)	4
Recent Developments in Language Study (ENG 494)	4

\*May repeat courses taken for core requirements, but only with different topics.

**PROFESSIONAL WRITING (BA)**

(OR BS IF APPROVED BY ADVISOR)\*

(38 credits)

While based firmly in the liberal arts tradition, the professional writing program has a strong career orientation and is designed to help prepare students for successful careers in writing, publishing, community advocacy, nonprofit organization, education, and the arts. The program develops articulate and reflective writers and provides professional skills needed to negotiate current work contexts. The BS can be approved by an advisor if it is more appropriate for the student's career interest (web writing, multimedia, or technical communication).

200- or 300-level grammar course	4
Professional/Technical Writing (WR 327)	4
Grant Writing (WR 329)	4
Business of Writing (WR 450)	4
Topics in Rhetoric (WR 493)	4

Practicum/Internships (WR 409) or Community Engagement (WR 410)	4
Upper division writing or literature courses or upper division multimedia/communication courses that fit intended career	12
Capstone (WR 400)	2

\*Students choosing the BS option in Professional Writing must also complete a minor.

**SPECIAL STUDIES IN ENGLISH AND WRITING (BA)**

(38 credits)

The special studies program is designed to allow students to develop an individualized program to meet their specific goals in the department. Students work with a program advisor to develop a unique program based on available courses.

Upper division courses	36
Capstone (ENG 400)	2

**Minors**

Students interested in pursuing a minor in English and writing should consult an advisor in the department and be aware of any course prerequisites. English and writing majors also pursuing a minor in the department may not use any of the same courses, excluding prerequisites and core courses, for both programs.

**Creative Writing**

(24 credits)

Prerequisite: ENG 298. Select a minimum of 24 credits (at least 16 must be upper division):	
Creative Writing I (WR 241)	4
Creative Writing II (WR 242)	4
Technical Writing (WR 327)	4
Fiction Writing (WR 330)	4
Poetry Writing (WR 341)	4
Writing and Conference (WR 405)	TBD
Writing Seminar (WR 407)	TBD
West Wind Review (WR 420)	2
Advanced Fiction Writing: Short Story (WR 430)	4
Advanced Poetry Writing (WR 441)	4
The Business of Writing (WR 450)	4
The English Language: An Introduction (ENG 490)	4

**English Education**

(24 credits)

Prerequisite: ENG 298 or the writing intensive course for the respective major.	
Writing Workshop for Teachers (WR 312) or Teaching Written Composition (WR 472)	4
Select 8 credits from the following:	
200- or 300-level literature classes	8
For the remaining 12 credits, choose from the following:	
TESL (Teaching of English as a Second Language (ENG 487)	4
Teaching Literature (ENG 488) or Young Adult Novel (ENG 489)	4
Special Studies: Oregon Literature for Teachers (ENG 399)	4
The English Language: An Introduction (ENG 490)	4
Creative Writing I (WR 241)	4
Teaching Global Perspectives Through Children's Literature (ENG/ED 398)	4

**Literary Studies**

(24 credits)

Prerequisite: ENG 298 or equivalent and 8 credits of lower division literature and/or lower division creative writing.	
Introduction to Literary Theory and Critical Writing (ENG 300)	4
Topics in British Literature (ENG 371 and 372) or Topics in U.S. Literature (ENG 381 and 382)	8

Upper division literature courses or WR 493  
(8 credits must be at the 400 level).....12

### Writing with Professional Applications

(24 credits)

Prerequisites: USEM 101, 102, 103 or WR 121 and 122; the Explorations sequences from all three of the learning areas or the equivalent; and the writing intensive course for the major. Select at least 24 credits from the following (4 credits must be WR 327):

Technical Writing (WR 327) .....	4
Grantwriting and Workplace Literacy (WR 329) ...	4
Topics in Nonfiction Essay (WR 350) .....	4
Community Engagement Writing: Internships and Practica (WR 410) .....	4
Advanced Composition (WR 414).....	4
The Business of Writing (WR 450) .....	4
Structure of the English Language (ENG 492).....	4
Topics in Rhetoric (WR 493) .....	4
Writing Workshop for Teachers (WR 312) .....	4
Teaching Composition (WR 472) .....	4

### Teacher Licensing

Students who would like to teach English at the middle school or high school level in Oregon public schools must complete a bachelor's degree in English and writing before applying for admission to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the department chair for an appropriate advisor and the School of Education regarding admission requirements for the MAT program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Practica, internships, and volunteer experiences working with children in the public schools prior to application to the MAT program are required.

### English Courses

#### LOWER DIVISION COURSES

##### ENG 101, 102 Academic English for ESOL Students

4 credits

Designed for students whose first language is not English; required of students whose TOEFL score is below 580. Introduces students to U.S. culture and campus life while focusing on the academic English skills needed to succeed at a U.S. university. Covers such skills as critical thinking, reading, writing, grammar, vocabulary building, oral communication, and library research. Approved for University Studies (Explorations).

##### ENG 104, 105 Introduction to Literature

4 credits

Involves critical reading, discussion, and written analysis of literary texts. ENG 104 focuses on novels and poetry. Students see and review a film when appropriate. ENG 105 explores short fiction and drama. Students attend and review a play. Approved for University Studies (Explorations).

##### ENG 107, 108 World Literature

4 credits

Cross-cultural exploration of selected works of literature, organized thematically. ENG 107 focuses on literature before 1800; ENG 108 focuses on modern literature. Provides insight into world cultures and encourages students to examine their own cultural assumptions. Recommended for students intending to become English and writing majors. Approved for University Studies (Explorations).

##### ENG 199 Special Studies

Credits to be arranged

##### ENG 201, 202 Shakespeare

4 credits

Offers a chronological study of a representative selection of comedies, histories, and tragedies. Involves a critical oral and written examination of the plays from the text and productions.

##### ENG 208 Explorations in Literary Genres

4 credits

Involves close reading and analysis of texts, with a focus on literary genres. Topics include poetry, novel, essay, film, short story, drama, or a comparison of two or more genres. Some experience with literary analysis recommended. Repeat credit is allowed for different topics. Approved for University Studies (Explorations).

##### ENG 209 Literature in the Modern World

4 credits

Focuses on reading and analysis of texts organized around a specific topic, with an emphasis on the literary work in its social and cultural context. Topics vary. Repeat credit is allowed for different topics. Approved for University Studies (Explorations).

##### ENG 239 Native American Myth and Culture

4 credits

After an introduction to mythical constructs, students participate in critical reading, discussions, written analysis, and performance of traditional myths and legends from a variety of Native American cultures. Texts include myths, legends, and tales in translation. Films, art slides, guest speakers, and performers supplement the readings to provide oral and visual examples of American Indian art and culture. Approved for University Studies (Explorations).

##### ENG 240 Native American Narratives, Fiction, and Poetry

4 credits

Building on their knowledge of traditional oral literatures, students continue with critical reading, discussion, written analysis, and performance of texts. Texts include novels, essays, stories, and poems by contemporary Native American writers. Films, art slides, guest speakers, and performers supplement the readings to enrich student understanding of the cultures that produced the literature. Approved for University Studies (Explorations). Prerequisite: ENG 239.

##### ENG 298 Introduction to the Major

4 credits

Introduces students to the reading, writing, and research skills required to be successful in the major, as well as the specific requirements of the department. Involves intensive academic writing and analysis of the main genres of literature: poetry, drama, fiction, essay, and film. English and writing premajors and minors only. Prerequisites: Successful completion of the University Studies writing requirement and 8 credits of lower division literature and/or lower division creative writing.

#### UPPER DIVISION COURSES

Before enrolling in upper division literature courses, English and writing majors must complete ENG 298, and nonmajors must complete the research component of the writing sequence as required by their major department. English 300 is a prerequisite for all 400-level courses. Any exceptions require instructor consent.

##### ENG 300 Introduction to Literary Theory and Critical Writing

4 credits

Intensive writing course for English and writing majors emphasizing principles of analysis of literary texts. Surveys twentieth-century critical theory and practice. English and writing majors, premajors, and minors only. Prerequisite: ENG 298.

##### ENG 315 Studies in Autobiographical Writing

4 credits

Examines diverse modes of autobiographical writing (autobiography, memoir, testimonial, and conversion narrative) as texts that represent the self in society through the writing of memories. Explores the ways in which writers construct and represent memory and the impact these narratives have on our understanding of the political and cultural context in which they are produced. Approved for University Studies (Integration). Prerequisite: ENG 298 or completion of writing requirement in major department.

##### ENG 341 Class, Culture, and Feminism in Victorian and Edwardian England

4 credits

Examines novels, poems, autobiographies, and corresponding historical and visual texts to gain insight into the lives of British women between 1832 and 1914. Using a feminist lens, the course surveys Victorian women's writing and creativity in the context of various movements for political, artistic, and social reform. Approved for University Studies (Synthesis/Integration). Prerequisite: ENG 298 or completion of writing requirement in major department.

##### ENG 367 British Women Writers

4 credits

Surveys British women writers with a focus on common issues and the development of a tradition. Approved for University Studies (Synthesis). Prerequisite: ENG 298 and completion of all lower division University Studies requirements.

<b>ENG 368 Women Writers in the U.S.</b> 4 credits	Surveys women writers in the United States, with a focus on common issues and the development of a tradition. Approved for University Studies (Synthesis). Prerequisite: ENG 298 and completion of all lower division University Studies requirements.	University Studies requirements. (Cross-listed with ED 398.)	<b>ENG 448/548 Major Figures in Literature</b> 4 credits
<b>ENG 371 Topics in British Literature Before 1800</b> 4 credits	Exposees students to a community of writers and their positions as expressed through various genres relative to a particular theme with a focus on eras, schools, and/or movements. Examines the historical underpinnings of the chosen theme(s). English and writing majors must complete either U.S. or British sequence. Repeat credit is allowed for different topics. Prerequisite: ENG 298.	<b>ENG 399 Special Studies</b> Credits to be arranged	<b>ENG 448A Major Figures in Literature: Toni Morrison</b> 4 credits
<b>ENG 372 Topics in British Literature After 1800</b> 4 credits	Exposees students to a community of writers and their positions as expressed through various genres relative to a particular theme with a focus on eras, schools, and/or movements. Examines the historical underpinnings of the chosen theme(s). English and writing majors must complete either U.S. or British sequence. Repeat credit is allowed for different topics. Prerequisite: ENG 298.	<b>ENG 400 Capstone</b> 2 credits	Provides a concentrated study of the canon of one or two major writers, including detailed analysis of at least one of the author's major works. Repeat credit is allowed for different topics. Prerequisite: ENG 300.
<b>ENG 381 Topics in U.S. Literature Before 1865</b> 4 credits	Exposees students to a community of writers and their positions as expressed through various genres relative to a particular theme with a focus on eras, schools, and/or movements. Examines the historical underpinnings of the chosen theme(s). English and writing majors must complete either U.S. or British sequence. Repeat credit is allowed for different topics. Prerequisite: ENG 298.	<b>ENG 401/501 Research*</b> Credits to be arranged	<b>ENG 448A Major Figures in Literature: Toni Morrison</b> 4 credits
<b>ENG 382 Topics in U.S. Literature After 1865</b> 4 credits	Exposees students to a community of writers and their positions as expressed through various genres relative to a particular theme with a focus on eras, schools, and/or movements. Examines the historical underpinnings of the chosen theme(s). English and writing majors must complete either the U.S. or British sequence. Repeat credit is allowed for different topics. Prerequisite: ENG 298.	<b>ENG 403/503 Thesis</b> Credits to be arranged	Provides a concentrated study of the fictional and critical works of Toni Morrison, accompanied by videos that demonstrate the ethnic and racial context of her works. Approved for University Studies (Integration). Prerequisites: Completion of all lower division University Studies requirements and ENG 300 or instructor consent.
<b>ENG 396 Ethics and Film</b> 4 credits	Exposees students to a community of writers and their positions as expressed through various genres relative to a particular theme with a focus on eras, schools, and/or movements. Examines the historical underpinnings of the chosen theme(s). English and writing majors must complete either the U.S. or British sequence. Repeat credit is allowed for different topics. Prerequisite: ENG 298.	<b>ENG 405/505 Reading and Conference*</b> Credits to be arranged	<b>ENG 454/554 American Multicultural Literature</b> 4 credits
<b>ENG 398 Teaching Global Perspectives Through Children's Literature</b> 4 credits	Immerses prospective elementary and middle school teachers in integrated content and instruction. Students examine both the literary elements and the social science information in international children's literature. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division	<b>ENG 407/507 Seminar*</b> Credits to be arranged	Includes readings from African American, Asian American, Hispanic, and Native American literature. Approved for University Studies (Integration). Prerequisite: ENG 300.
<b>ENG 417/517 Birth of the British Novel to 1850</b> 4 credits	Studies the birth and early development of the English novel, with attention to the early masterpieces of Defoe, Swift, Fielding, and Austen. Occasional emphasis is on fictional precursors or special issues in prose fiction. Prerequisite: ENG 300.	<b>ENG 410 Community Engagement Writing: Internships and Practica</b> 4 credits	<b>ENG 455/555 Topics in World Literature</b> 4 credits
<b>ENG 418/518 The British Novel after 1850</b> 4 credits	Explores the English novel from the Brontës, Dickens, and Eliot to modernism and other twentieth-century movements. Prerequisite: ENG 300.	<b>ENG 417/517 Birth of the British Novel to 1850</b> 4 credits	Examines selected literary works in English translation from Asian and African countries studied in relation to cultural upheavals of the twentieth century. The region to be studied is announced in the class schedule. Repeat credit is allowed for different topics. Prerequisite: ENG 300.
<b>ENG 436/536 Studies in Shakespeare</b> 4 credits	Offers an intensive study of a limited number of Shakespearean plays within their social, political, and intellectual contexts. Plays chosen to correlate with Oregon Shakespeare Festival offerings. Repeat credit is allowed for different topics. For English and writing majors and minors, theatre majors, and Shakespeare studies minors only. Prerequisite: ENG 300. (Cross-listed with TA 436/536.)	<b>ENG 457/557 Postcolonial Literature and Theory</b> 4 credits	<b>ENG 457/557 Postcolonial Literature and Theory</b> 4 credits
<b>ENG 447/547 Major Forces in Literature</b> 4 credits	Explores the underlying social, economic, and political philosophies of an age as they find expression in the dominant literary forms and theories that characterize it. Repeat credit is allowed for different topics. Prerequisite: ENG 300.	<b>ENG 470/570 Topics in Poetry</b> 4 credits	Focuses on the works of authors from colonized countries, both during the colonial period and after independence. Includes an examination of postcolonial literary and cultural theories and explores the impact of colonization on the production of literature and the importance of literature in the redefinition of the postcolonial nation. Topics may include the politics of exile, the relationship between narration and nationhood, women and postcolonialism, and postcolonial historiographic fiction. Prerequisite: ENG 300.
<b>ENG 481/581 The Novel in the U.S. to 1900</b> 4 credits	Examines works by various poets. Repeat credit is allowed for different topics. Prerequisite: ENG 300.	<b>ENG 481/581 The Novel in the U.S. to 1900</b> 4 credits	<b>ENG 481/581 The Novel in the U.S. to 1900</b> 4 credits
<b>ENG 482/582 The Novel in the U.S.: 1900 and Beyond</b> 4 credits	Addresses significant aesthetic, philosophical, and cultural ideas affecting the development of the novel in the United States. Prerequisite: ENG 300.	<b>ENG 482/582 The Novel in the U.S.: 1900 and Beyond</b> 4 credits	Explores the directions of the naturalistic and modern novel in the United States. Prerequisite: ENG 300.

**ENG 487/587 TESL (Teaching of English as a Second Language)**

4 credits

Examines approaches to and methods of teaching English as a second language. Includes an overview of first- and second-language acquisition and processes, styles, and strategies in learning. Prerequisites: USEM 103, 103E, or 103H.

**ENG 488/588 Teaching Literature**

4 credits

Utilizes current theories and applications to present methods of teaching literature in elementary and secondary language arts classes. Emphasizes rationales, strategies, and projects for literature curriculum development and enrichment. Prerequisite: ENG 300.

**ENG 489/589 Young Adult Novel**

4 credits

Surveys young adult novels. Emphasizes the selection and evaluation of books, adolescent reading interests, and reading guidance for curricular and personal needs. Prerequisite: ENG 300.

**ENG 490/590 The English Language: An Introduction**

4 credits

Beginning course in linguistics. Introduces the basic principles of oral and written communication, the sound system of English, dialects, usage problems, competing grammars, development and change in language, problems in semantics, and the acquisition of language and reading skills by young children. Prerequisite: ENG 300.

**ENG 491/591 History of the English Language**

4 credits

Provides a historical view of the growth of the English language, from its beginnings to the present. Prerequisite: ENG 300.

**ENG 492/592 Structure of the English Language**

4 credits

Compares traditional, structural, and transformational models of English grammar, with emphasis on the transformational. Explores grammatical differences in various dialects of American English. Prerequisite: ENG 300.

**ENG 494/594 Recent Developments in Language Study**

4 credits

Examines the theories of structure and meaning in language, with emphasis on the English language. Studies of recent developments may include the acquisition of language in early childhood with implications for preschool and school curricula, sexist and racist language, and contemporary grammatical theory and research. Prerequisite: ENG 300.

**ENG 495/595 Topics in Film**

4 credits

Interprets films using the techniques of modern literary criticism. Typical offerings include surveys of film history, studies of particular types, and close analysis of selected directors. Repeat credit is allowed for different topics. Prerequisite: ENG 300.

**ENG 498/598 Topics in Women's Writing**

4 credits

Selected topics from women's writing are announced in the class schedule. Repeat credit is allowed for different topics. Prerequisite: ENG 300.

\*ENG 501, 505, and 507 are limited to 9 credits singly or in combination.

**Writing Courses****LOWER DIVISION COURSES**

University Seminar now teaches introductory composition courses and offers a writing waiver by portfolio. For questions and registration for lower division composition classes (WR 122 or 227), please visit the University Seminar office (Central 008).

**WR 199 Special Studies**

Credits to be arranged

**WR 241 Creative Writing I**

4 credits

Introduces students to the elements and traditions of creative writing through various readings. Students respond to these readings using a variety of exercises. Approved for University Studies (Exploration). Prerequisite: Successful completion of the University Studies writing requirement.

**WR 242 Creative Writing II**

4 credits

Further examines the elements and traditions of creative writing through readings and exercises. Prerequisites: Successful completion of the University Studies writing requirement and WR 241.

**WR 295 Grammar and Style in Writing**

4 credits

Covers some fundamentals of grammar, with emphasis on usage and style in writing. Prerequisite: Successful completion of the University Studies writing requirement.

**WR 299 Special Studies**

Credits to be arranged

**UPPER DIVISION COURSES**

Note: ENG 298 is a prerequisite to all upper division writing classes. WR 241 and WR 242 are additional prerequisites for upper division fiction and poetry courses.

**WR 312 Writing Workshop for Teachers**

4 credits

Emphasizes writing across the curriculum and writing to learn strategies for K-12 classrooms in any subject area. Completion of Explorations sequences from all three of the learning areas, as well as the writing-intensive course for the major required. Approved for University Studies (Integration). Prerequisite: Successful completion of the University Studies writing requirement.

**WR 327 Technical Writing**

4 credits

Prepares students for a variety of problem-solving situations faced by professionals and professional writers. Covers strategies for in-house and career communications (memos, progress reports, resumés, and professional correspondence). Introduces techniques for profes-

sional/technical writing and editing (drafting, copyediting, and proofreading). Focuses on audience analysis and rhetorical awareness for both texts and visuals. Involves a term project designed to meet the needs of the individual student. Prerequisite: ENG 298.

**WR 329 Grantwriting and Workplace Literacy**

4 credits

A writing course directed toward building rhetorical and technical skills in the world of community action and service. The primary focus is a hands-on, collaborative project of writing a grant for a local nonprofit or public agency. Approved for University Studies (Integration). Prerequisite: ENG 298.

**WR 330 Fiction Writing**

4 credits

For students interested in writing the short story, novella, or novel. Includes analysis and discussion of student work. Prerequisites: ENG 298 and WR 242.

**WR 341 Poetry Writing**

4 credits

Students study verse forms and gain practice in verse-writing. Includes analysis and discussion of student work. Prerequisites: ENG 298 and WR 242.

**WR 350 Topics in Nonfiction Essay**

4 credits

Examines the genre of the creative nonfiction essay from the perspective of the writer. Students explore various aspects of the genre through writing essays and close reading of essays by John McPhee, Annie Dillard, Barry Lopez, Joan Didion, and many others. Repeat credit is allowed for different topics. Prerequisite: ENG 298.

**WR 395 Advanced Grammar**

4 credits

Provides a hands-on approach to English grammar, including traditional approaches and diagramming. Prerequisite: WR 295 or ENG 298.

**WR 399 Special Studies**

Credits to be arranged

**WR 400 Capstone**

2 credits

Senior project for English and writing majors with a writing emphasis. Integrates students' knowledge and skills in the discipline. Prerequisite: ENG 300.

**WR 403/503 Thesis**

Credits to be arranged

**WR 405/505 Writing and Conference**

Credits to be arranged

**WR 407/507 Writing Seminar**

Credits to be arranged

**WR 409/509 Practicum**

Credits to be arranged

A maximum of 8 credits may be applied to the major. Prerequisite: ENG 298.

**WR 410 Community Engagement Writing:  
Internships and Practica**

4 credits

A writing and internship course that exposes students to professional applications of rhetoric and writing through fieldwork with people and organizations outside the classroom. Prerequisite: ENG 300. (Cross-listed with ENG 410.)

**WR 414/514 Advanced Composition**

4 credits

A writing-intensive course for English and writing majors and minors. Offers advanced instruction and practice in writing. Prerequisite: ENG 300. (Students registering at the 414 level must be English and writing majors or minors or have instructor consent.)

**WR 415/515 Supervised Tutoring Practicum**

1 to 2 credits

Trains students to tutor students of all disciplines. Tutors are responsible for giving writing assistance on a one-on-one basis or in groups. Good writing and interpersonal communication skills are necessary. Prerequisite: ENG 298 and instructor consent.

**WR 420/520 West Wind Review**

2 credits

Students serve on this independent, student-staffed literary magazine. Duties include selecting, editing, and responding to submitted manuscripts, as well as conducting community events and business relations to further the scope and financial success of the journal. Prerequisites: ENG 298 and instructor consent.

**WR 430/530 Advanced Fiction Writing: Short Story**

4 credits

Intensive workshop emphasizing the particulars of the short story. Students are expected to complete and submit one story. They also distribute copies of and read from their work. Prerequisite: WR 330.

**WR 441/541 Advanced Poetry Writing**

4 credits

Intensive workshop emphasizing the particulars of writing and compiling a collection of poetry. Students are expected to complete a book-length manuscript of poetry and to engage in the process of writing and revising. Prerequisite: WR 341.

**WR 450/550 The Business of Writing**

4 credits

Introduces students to various writing professions through workshops and lectures from visiting professional writers. Includes compiling the necessary documents for publishing and for writing portfolios. Prerequisite: ENG 300.

**WR 472/572 Teaching Written Composition**

4 credits

Preparation for teaching writing in K-14 language arts and composition classes. Emphasizes recent theory and research in the teaching of writing. Class members learn to model desirable writing and learning behaviors. Prerequisite: ENG 300.

**WR 493/593 Topics in Rhetoric**

4 credits

Explores a range of rhetorical theories and practices. Topics may include Western rhetorical history and traditions, discourse analysis, twentieth-century rhetorical theory, rhetoric and the body, women in rhetoric, rhetoric and cultural studies, and rhetoric and technology. Repeat credit is allowed for different topics. Prerequisite: ENG 300.

**Environmental Studies**

Science 065

541-552-6477

John Gutrich, Chair

Biology Faculty:

Michael Parker, 541-552-6796 (Professor)

Charles Welden, 541-552-6868 (Professor)

John Roden, 541-552-6798 (Associate Professor)

Geography Faculty:

Greg Jones, 541-552-6758 (Professor)

John Richards, 541-552-6281 (Professor)

Pat Acklin, 541-552-6786 (Associate Professor)

Claude Curran (Emeritus Professor)

John Mairs (Emeritus Professor)

Susan Reynolds (Emeritus Professor)

Geology Faculty:

Jad D'Allura, 541-552-6480 (Professor)

Joseph Graf, 541-552-6482 (Professor)

Charles Lane, 541-552-6479 (Professor)

Bill Elliott, 541-552-8185 (Associate Professor)

Eric Dittmer, 541-552-6496 (Emeritus Professor)

Social Science and Policy Faculty:

Mark Shibley, 541-552-6761 (Professor)

Vicki Sturtevant, 541-552-6762 (Professor)

Mark Tveskov, 541-552-6345 (Associate Professor)

The Environmental Studies (ES) interdisciplinary program provides an integrated natural sciences/social sciences approach to environmental decision making, ecological issues, and human use of natural resources. Students choose a natural sciences option area in biology, geology, physical geography, or a social sciences and policy track.

ES graduates are prepared to work effectively in environmentally related careers that require both science and policy expertise.

Environmental Studies has undergone significant curricular revisions and more are planned. Incoming ES freshmen should take ES 111, 112 and work with an advisor in selecting appropriate University Studies courses. Transfer students should work with an advisor in selecting appropriate courses based on their Advanced Standing Report and expected areas of ES concentration.

The planned revisions to the ES curriculum will promote an interdisciplinary approach, providing analytical skills and problem-solving opportunities in each course. ES majors will gain an integrated natural and social science foundation and enhanced connection to emerging environmental issues.

**Degrees**

BS in Environmental Studies

BS in Geography (for continuing students only)

BS in Geology (for continuing students only)

**Minors**

Land Use Planning, Geography, and Geology

**Requirements for the Major**

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Maintain a 2.5 GPA in all courses taken for the major. Note: Coursework in the major must be taken for a letter grade (not P/NP).
3. Complete the core ES requirements.
4. Complete specified requirements for a natural sciences option area in biology, chemistry, geology, physical geography, or a social sciences and policy track.

**Core Requirements**

(32–36 credits)

Lower Division:

Physical Environment I, II (ES 111, 112) .....	8
Environmental Studies I, II (ES 210, 211) .....	8
Ethics: Moral Issues (PHL 205) .....	4
Principles of Microeconomics (EC 201) .....	4

Upper Division:

Introduction to Ecology (BI 340) .....	4
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Select one of the following:

Environmental Studies Capstone (ES 494) .....	4
A capstone course in the option area with an environmental component and advisor approval	
Environmental Studies Honors Capstone with advisor approval (ES 495, 496, 497) .....	5–8

**Biology Option Requirements****Lower Division Science**

(16–17 credits)

Complete the introductory sequence and associated laboratories:

Principles of Biology (BI 211, 212, 213) .....	12
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Complete at least one course and associated laboratory from chemistry.

Chemistry (CH 100 or 201) .....	4–5
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**Lower Division Social Science**

(12 credits)

Select three Explorations courses from two areas: anthropology, geography, political science, economics, or sociology.

**Mathematics**

(8 credits)

Elementary Statistics (MTH 243) .....	4
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Plus one of the following:

Applied Inferential Statistics (MTH 244) .....	4
Calculus I (MTH 251) .....	4
Quantitative Methods (EC 332) .....	4
Environmental Data Analysis (ES/GEOG 386) .....	4

**Upper Division Science**

(6–8 credits)

Complete two of the following from two different areas:

Energy and the Environment (PH 308) .....	3
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Oceanography (G 353) .....	3
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Metals and Civilization (G 330) .....	3
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Environmental Geology (G 360) .....	4
Science and Advocacy in Environmental Policy	
Debates (BI 383).....	3
Geomorphology (GEOG 481).....	4
Climatology (GEOG 482).....	4

#### Upper Division Social Science

(12 credits)

Choose one of the following:

Environmental Policy (PS 428).....	4
Law, Science, and the Environment (PS 340) .....	4
Environmental Law and Policy (PS 441) .....	4
Choose two of the following from at least two departments (some may have prerequisites):	
Environmental Economics (EC 315).....	4
Cultural Resource Management (ANTH 462) .....	4
Global Issues in Population, Development, and Environment (GEOG 360).....	4
People and Forests (SOC 350).....	4
Conservation in the U.S. (GEOG 437) .....	4
Special Studies: Native North America (ANTH 334) .....	4
Mediation and Conflict Management (PS 448).....	4

#### Biology Courses

(31–32 credits)

Complete 7–8 upper division credits of required courses and choose 24 additional upper division credits from the list of specified courses (or other advisor-approved courses):

##### Required Courses

Vertebrate Natural History (BI 317) or Invertebrates Natural History (BI 318) .....	4
Vascular Plant Identification and Field Botany (BI 444) or Plant Systematics (BI 433)....	3–4
Select 24 credits from:	
Comparative Animal Physiology (BI 314).....	4
Forest Ecology and Management (BI 386).....	3
Conservation of Natural Resources (BI 388) .....	4
Origins and Diversity of Protists and Fungi (BI 436).....	4
Physiological Ecology of Animals (BI 413).....	4
Mammalogy (BI 415) .....	4
Biological Illustration (BI 430) .....	3
Origins and Diversity of Land Plants (BI 432).....	4
Plant Form and Function (BI 434).....	4
Conservation Biology (BI 438).....	3
Evolution (BI 446).....	4
Fish and Fisheries (BI 450) .....	4
Plant Ecology (BI 454).....	4
Entomology (BI 466) .....	4
Herpetology (BI 470).....	4
Ornithology (BI 471) .....	4
Aquatic Ecology (BI 475) .....	4
Animal Behavior (BI 480).....	4

#### Geography Option Requirements

##### Lower Division Science

(8–9 credits)

Complete at least one course and associated lab from each of the following:	
General Biology (BI 101) or Principles of Biology (BI 212) .....	4
Fundamentals of Chemistry (CH 100), Environmental Chemistry (CH 101), or General Chemistry (CH 201, 204).....	4–5

##### Lower Division Social Science

(12–13 credits)

Complete Introduction to Human Geography (GEOG 107), and select two Explorations courses from two areas: anthropology, political science, economics, or sociology.

##### Mathematics

(8 credits)

Elementary Statistics (MTH 243) .....	4
Plus one of the following:	
Precalculus II: Elementary Functions (MTH 112) ....	4
Calculus I (MTH 251).....	4
Environmental Data Analysis (ES/GEOG 386) .....	4

##### Upper Division Science

(3–4 credits)

Complete one of the following from two different areas:

Energy and the Environment (PH 308).....	3
Oceanography (G 353).....	3
Metals and Civilization (G 330) .....	3
Environmental Geology (G 360) .....	4
Science and Advocacy in Environmental Debates (BI 383).....	3

##### Upper Division Social Science

(12 credits)

Choose one of the following:

Environmental Policy (PS 428).....	4
Law, Science, and the Environment (PS 340) .....	4
Environmental Law and Policy (PS 441) .....	4
Choose two from the following list (some may have prerequisites). Students must select courses from at least two departments.	
Environmental Economics (EC 315) .....	4
Cultural Resource Management (ANTH 462) .....	4
People and Forests (SOC 350).....	4
Special Studies: Native North America (ANTH 334) .....	4
Mediation and Conflict Management (PS 448).....	4

##### Geography Courses

(36 credits)

Complete 36 credits (approved by the geography option advisor) from the following (at least 28 credits must be upper division).	
Introduction to Meteorology (GEOG 209).....	4
Maps: Analysis and Interpretation (GEOG 280)....	4
Maps, Cartography, and Geospatial Technology (GEOG 349).....	4
Urban Environments (GEOG 350).....	4
Global Issues in Population, Development, and the Environment (GEOG 360).....	4
Environmental Data Analysis (GEOG 386) .....	4
Soil Science (GEOG 433).....	4
Conservation in the U.S. (GEOG 437) .....	4
Land Use Planning (GEOG 439/SSPC 439) .....	4
Planning Issues (GEOG 440) .....	4
Geomorphology (GEOG 481) .....	4
Climatology (GEOG 482) .....	4
Introduction to Geographic Information Systems (GEOG 451).....	4
Introduction to Remote Sensing (GEOG 453).....	4

#### Geology Option Requirements

##### Lower Division Science

(18 credits)

Complete:

Historical Geology (G 103).....	4
(14 credits)	

Complete at least one course and associated lab from biology and two courses from chemistry: Biology (BI 101 or 211) Chemistry (CH 201, 202)

##### Lower Division Social Science

(12 credits)

Select three Explorations courses from two areas: anthropology, geography, political science, economics, or sociology.

##### Mathematics

(8 credits)

Calculus I (MTH 251).....	4
Plus one of the following:	
Elementary Statistics (MTH 243) .....	4
Calculus II (MTH 252).....	4

##### Upper Division Science

(3–4 credits)

Complete one of the following:	
Energy and the Environment (PH 308) .....	3
Science and Advocacy in Environmental Policy Debates (BI 383).....	3
Geomorphology (GEOG 481) .....	4
Climatology (GEOG 482) .....	4

##### Upper Division Social Science

(12 credits)

Choose one of the following:	
Law, Science, and the Environment (PS 340) .....	4
Environmental Policy (PS 428).....	4
Environmental Law and Policy (PS 441) .....	4

Choose two of the following (some may have prerequisites). Students must select courses from at least two departments:

Environmental Economics (EC 315) .....	4
Cultural Resource Management (ANTH 462) .....	4
Global Issues in Population, Development, and the Environment (GEOG 360) .....	4
People and Forests (SOC 350).....	4
Conservation in the U.S. (GEOG 437) .....	4
Special Studies: Native North America (ANTH 334) .....	4
Mediation and Conflict Management (PS 448).....	4

##### Geology Courses

(38–39 credits)

Complete 35 credits of required courses and choose 3–4 additional upper division credits from the second list of courses. Those additional credits must be approved by the geology advisor. Note that G 312 has a prerequisite of one year of General Geology and a corequisite of General Chemistry. Successful completion of two terms of General Chemistry (CH 201, 204 and 202, 205) is required for the environmental studies/geology option.

**Required Courses***(35 credits)*

Advanced General Geology (G 310).....	2
Mineralogy (G 312).....	4
Lithology (G 313).....	4
Hydrogeology I (G 314).....	3
Hydrogeology II (G 315).....	3
Hydrogeology III (G 316).....	3
Structural Geology: Brittle Deformation (G 321).....	3
Environmental Geology (G 360).....	4
Field Geology (G 406).....	9
	<i>(3-4 credits)</i>

Plus one course from the following:

Metals and Civilization (G 330) .....	3
Sedimentology (G 341) .....	3
Oceanography (G 353).....	3
Soil Science (G 433) .....	4
Introduction to Remote Sensing (ES/G 453).....	4

**Social Science and Policy Track Requirements****Lower Division Social Science***(12 credits)*

Complete three Explorations courses from two areas: anthropology, economics, geography, political science, or sociology.\*

Students must take 12 credits in addition to EC 201. Not to include GEOG 111 or 112.

**Lower Division Science***(12 credits)*

Complete ES 111, 112 plus one introductory course from either biology or chemistry.

**Mathematics***(8 credits)*

Elementary Statistics (MTH 243) .....	4
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Plus one of the following:

Quantitative Data Analysis (SOC 327).....	4
Environmental Data Analysis (ES/GEOG 386) .....	4
Quantitative Methods (EC 332).....	4

**Upper Division Science***(11-12 credits)*

Select one Synthesis or Integration course in science plus 8 credits of upper division science. Courses must be from at least two departments and selected with advisor consent.

**Upper Division Social Science/Policy Core***(24 credits)*

Cultural Resource Management (ANTH 462) .....	4
Environmental Economics (EC 315) .....	4
Global Issues in Population, Development, and Environment (GEOG 360).....	4
Conservation in the U.S. (GEOG 437) .....	4
Environmental Law and Policy (PS 441) .....	4
Environmental Sociology (SOC 420) .....	4

**Methodologies***(12 credits)*

Ethnographic Research Methods (ANTH 360).....	4
Cost-Benefit Analysis (EC 364).....	4
Introduction to Social Research Methods (SOC 326).....	4

**Upper Division Social Science***(16 credits)*

Complete four courses from the following list (some courses may have prerequisites):	
Native North America (ANTH 318) or Native North America: Special Studies (ANTH 334) .....	4
Introduction to International Economy (EC 320) or Economic Development (EC 379) .....	4
Land Use Planning (GEOG 439) .....	4
Mediation and Conflict Management (PS 407) .....	4
Law, Science, and the Environment (PS 340) .....	4
Policy Analysis (PS 432) .....	4
Environmental Psychology (PSY 435) .....	4
Group Dynamics (PSY 438) .....	4
Community Studies (SOC 310) .....	4
Sociology of Globalization (SOC 345) .....	4
People and Forests (SOC 350).....	4
Organizational Sociology (SOC 444) .....	4

Note: Open-numbered courses may be taken with advisor consent. Consult the program advisors regarding additional recommendations for courses that complement the goals of the environmental studies major.

**Teacher Licensing**

ES majors interested in teaching at the middle or high school levels should consult with their advisor.

**Minors****Geography**

For the geography minor, see the *Geography* section of the catalog.

**Land Use Planning**

For the land use planning minor, see the *Land Use Planning* section of the catalog.

**Geology***(28-29 credits)*

Physical Geology I, II (G 101, 102 or ES 111, 112).....	8
Historical Geology (G 103).....	4
Mineralogy and Lithology sequence (G 310, 312, 313) (G 312 requires CH 202 or concurrent enrollment).....	10
Choose two additional upper division geology courses, only one of which may be an Integration course.....	6-7

**Environmental Studies Courses****LOWER DIVISION COURSES****ES 111 Physical Environment I***4 credits*

Explores and analyzes the environment, bringing together the many physical factors that create a complete understanding of Earth system operations. Includes basic concepts and relationships between and among the atmosphere, hydrosphere, geosphere, and biosphere with emphasis on the atmosphere and hydrosphere. Familiarizes students with human-environment interactions that are relevant to our lives. Three hours of lecture and one 3-hour laboratory. Corequisite: ES 111L. Approved for University Studies (Explorations).

**ES 112 Physical Environment II***4 credits*

Explores and analyzes the environment, bringing together the many physical factors that create a complete understanding of Earth system operations. Includes basic concepts and relationships between and among the atmosphere, hydrosphere, geosphere, and biosphere with emphasis on the geosphere and biosphere. Familiarizes students with human-environment interactions that are relevant to our lives. Three hours of lecture and one 3-hour laboratory. Corequisite: ES 112L. Approved for University Studies (Explorations).

**ES 199 Special Studies**

Credits to be arranged

**ES 209 Practicum**

Credits to be arranged

**ES 210 Environmental Studies I***4 credits*

Offers an interdisciplinary study of how the natural and social sciences combine to examine, debate, and solve environmental problems in our society. Fosters environmental awareness, stimulates discussion, and encourages critical analysis of environmental problems. Prerequisite: Completion of the social science University Studies sequence. Prerequisites: ES 111, 112.

**ES 211 Environmental Studies II***4 credits*

Continues the interdisciplinary study of how the natural and social sciences combine to examine, debate, and solve environmental problems in our society. Fosters environmental awareness, stimulates discussion, and encourages critical analysis of environmental problems. Prerequisite: ES 210.

**UPPER DIVISION COURSES****ES 349 Maps, Cartography, and Geospatial Technology***4 credits*

Provides a fundamental understanding of map reading and interpretation, along with the principles and techniques used in design and compilation of maps for effective cartographic communication. Provides an overview of the geospatial technologies of global positioning systems, remote sensing, and geographic information systems. Four hours of lecture and one three-hour lab. Prerequisite: Proof of computer proficiency. Corequisite: ES 349L. (Cross-listed with GEOG 349.)

**ES 386 Environmental Data Analysis***4 credits*

Applies statistical principles and techniques to geographical data. Formulates questions appropriate to statistical analysis, statistical problem solving, data collection, and documentation with particular emphasis on using statistics as an effective communication and decision-making tool through computer-based analysis, figure and table production, and writing. Four hours of lecture and one three-hour lab. Approved for University Studies (Integration). Prerequisite: MTH 243. Corequisite: ES 386L. (Cross-listed with GEOG 386.)

**ES 399 Special Studies**  
Credits to be arranged

**ES 401 Research**  
Credits to be arranged

**ES 407 Seminar**  
Credits to be arranged

**ES 409 Practicum**  
Credits to be arranged

**ES 451/551 Introduction to Geographic Information Systems**  
4 credits

Explores uses of computer-based geographic information systems (GIS) for analyzing environmental features and feature-related data. Desktop GIS is employed for data storage, geographic data analysis, and map design. Covers applications in forestry, planning, resource management, and demography. Four hours of lecture and one three-hour lab. Prerequisite: ES 349. Corequisite: ES 451L/551L. (Cross-listed with GEOG 451/551.)

**ES 453/553 Introduction to Remote Sensing**  
4 credits

Designed to introduce students to remote sensing of the environment through digital image processing of satellite data. Develops an understanding of inventorying, mapping, and monitoring earth resources through the measurement, analysis, and interpretation of electromagnetic energy emanating from features of interest. Four hours of lecture and one three-hour lab. Prerequisite: ES 349. Corequisite: ES 453L/553L. (Cross-listed with GEOG/G 453/553.)

**ES 457/557 Introduction to Global Positioning Systems**  
4 credits

Covers the fundamentals of global positioning systems (GPS). Includes an overview of the GPS system, its operation, and major sources of error. Field and lab exercises allow for AGPS data collection and application of various data-processing techniques, including differential correction, quality control, and export to geospatial software. Four hours of lecture and one three-hour lab. ES 489/589 recommended. Prerequisite: ES 349. Corequisite: ES 457L/557L. (Cross-listed with GEOG/G 457/557.)

**ES 494 Environmental Studies Capstone**  
4 credits

Students plan a research project, write a project proposal, conduct research, write a final report, and make an oral presentation to faculty and peers in a single term. Prerequisites: ES 210, 211.

**ES 495 Environmental Studies Honors Capstone I**  
1 to 2 credits

Introduces accepted students to the senior capstone honors process. Requires a written proposal outlining the project goals, tasks, timeline, and budget. Prerequisites: Senior standing and instructor consent.

**ES 496 Environmental Studies Honors Capstone II**

2 to 3 credits

Supports students completing their senior project. Assures communication with cooperating entities and emphasizes data collection, findings, and initial analyses. Drafts outline of final report. Prerequisite: ES 495.

**ES 497 Environmental Studies Honors Capstone III**

2 to 3 credits

Supports preparation and completion of final written and oral report. Emphasizes data analyses and critical thinking on conclusions and recommendations. Prerequisite: ES 496.

### Geology Courses

#### LOWER DIVISION COURSES

**G 101 Physical Geology I**

4 credits

Examines igneous rocks, volcanoes, rivers and streams, mass wasting, internal structure of the Earth, groundwater, glacial geomorphology, and deserts. Familiarizes students with various aspects of Earth's physical environment. Laboratory sessions permit students to identify rock and mineral specimens, interpret topographic maps and aerial photographs, and study Earth surface processes through experimentation. Field trip is required. One 3-hour laboratory. Approved for University Studies (Explorations).

**G 102 Physical Geology II**

4 credits

Covers sedimentary and metamorphic rocks, shoreline processes, geologic time, energy and mineral resources, earthquakes, crustal deformation, and plate tectonics. Familiarizes students with various aspects of Earth's physical environment. Offers a description, analysis, and interpretation of geologic structures and Earth surface processes from topographic maps, aerial photographs, and experimentation. One 3-hour laboratory. Approved for University Studies (Explorations).

**G 103 Historical Geology**

4 credits

Provides a systematic survey of Earth's history from the perspective of plate tectonics, biological evolution, and Earth surface processes. Topics include absolute and relative age dating, chemical development of Earth's atmosphere and oceans, supercontinents and mountain building, and the origins of life. Employs topographic and geologic maps, aerial photographs, fossils, and sedimentary rocks to examine the tectonic expansion of North America. One 3-hour laboratory. Approved for University Studies (Explorations). Prerequisite: G 101, 102, or ES 112.

**G 120 Volcanoes and Earthquakes**

3 credits

Provides an introduction to volcanic processes and earthquake phenomena, as well as their relation to the current plate tectonic model of the earth. Uses extensive audiovisual aids to graphically illustrate the workings and effect of geologic mechanisms. Three lectures. Approved for University Studies (Explorations).

**G 199 Special Studies**

Credits to be arranged

**G 209 Practicum**

Credits to be arranged

**G 215 Field Trip in Geology**

3 credits

Involves a classroom and field-based study of a classic geologic locality, such as the Grand Canyon or Death Valley. Coursework offered during the winter term prepares students for the eight- or nine-day field trip during spring break. Students keep a journal during the field trip. A prior course in geology is recommended.

#### UPPER DIVISION COURSES

**G 310 Advanced General Geology**

2 credits

Prepares students for upper division coursework in geology. Topical lectures and exercises explore selected topics from introductory courses in greater depth. Lectures and assignments develop research and scientific writing skills. Guest speakers provide perspectives on academic and professional development and careers in the geosciences. One lecture and one 3-hour laboratory. Field trips required. Prerequisite: G 102.

**G 312 Mineralogy**

4 credits

Examines the theories, principles, and techniques of crystallography, chemical and physical properties of minerals, determinative mineralogy, and hand specimen identification. Two lectures and two 3-hour laboratories. Prerequisites: MTH 111, G 103, G 310, and CH 201.

**G 313 Lithology**

4 credits

Covers classification schemes for igneous, metamorphic, and sedimentary rocks and introduces rock textures that permit interpretation of structural and/or thermodynamic controls on their formation. Textures and compositions of igneous, metamorphic, and sedimentary rocks are synthesized into a plate tectonic framework. Two lectures and two 3-hour laboratories. Prerequisite: G 312.

**G 314 Hydrogeology I**

3 credits

Introduces hydrologic science, including the hydrologic cycle, the drainage basin concept, storage and residence time, precipitation, evapotranspiration, stream hydrology, and water resource management. Two lectures and one 3-hour laboratory. Prerequisites: G 103, MTH 112, and G 312 (G 312 may be taken concurrently).

**G 315 Hydrogeology II**

3 credits

Introduces the geology of groundwater, including the hydraulic characteristics of rocks and aquifers, porosity and permeability, aquifer boundary conditions, and the influence of environment on groundwater. Two lectures and one 3-hour laboratory. Prerequisite: G 314. Corequisite: MTH 251.

**G 316 Hydrogeology III**

3 credits

Continues the study of the geology of groundwater, including steady and non-steady state conditions, field determination of transmissibility and storage, groundwater mapping and database management, project management, and contaminant hydrology. Two lectures and one 3-hour laboratory. Prerequisite: G 315.

**G 321 Structural Geology: Brittle Deformation**

3 credits

Considers the behavior of Earth materials under stress, which leads to brittle failure. Examines the properties of rock materials under stress and brittle failure features, including faults and joints. Laboratory exercises address the analysis of geologic maps, construction of cross sections, three-point problems, fault displacement (including net slip), and other structural features associated with brittle failure. Two lectures and one 3-hour laboratory. Field trips required. MTH 251 and PH 201 or 221 recommended. Prerequisite: G 313.

**G 322 Structural Geology: Plastic Deformation and Tectonics**

3 credits

Considers the behavior of Earth materials under stress, which leads to plastic deformation and tectonic development of Earth structures. Examines deformation leading to folding, development of plastic and brittle microfabrics in rocks, and tectonic features on the Earth's surface. Laboratory exercises include analysis of geologic maps, construction of cross sections, balanced cross sections, classification of folded rocks, behavior of rocks under different strain conditions, and development of tectonic features with an emphasis on large-scale plate tectonic features. Two lectures and one 3-hour laboratory. Field trip required. Prerequisite: G 321.

**G 330 Metals and Civilization**

3 credits

Examines the influence of minerals, metals, energy, and natural resources, including their role in invention and innovation on the development of civilization. This interdisciplinary course addresses geology, history, archaeology, invention, and adaptation to resources in the world around us. Three 1-hour lectures. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**G 341 Sedimentology**

3 credits

Examines the physical properties, formation, and distribution of sedimentary rocks. Topics include flow dynamics and regimes, sediment texture and entrainment, provenance, sedimentary structures, and diagenesis. Two lectures and one 3-hour laboratory. Field trips required. Prerequisite: G 313.

**G 342 Stratigraphy**

3 credits

Explores the methods used by the geologist to recognize paleoenvironments of deposition. Arranged around a systematic discussion of the major depositional modes and all physical,

chemical, and biological characteristics indicative of that environment. Topics include geologic time, depositional environments, correlation, magnetostratigraphy, and biostratigraphy. Two lectures and one 3-hour laboratory. Field trips required. Prerequisites: G 313 and 341.

**G 353 Oceanography**

3 credits

Beginning course designed to give an overview of the interrelationships between the geological, physical, chemical, and biological systems in the world's oceans. Visually illustrates the material and highlights contemporary topics using a descriptive approach. Three lectures. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with SC 353.)

**G 360 Environmental Geology**

4 credits

Explores and synthesizes the interrelationships between biological, chemical, physical, and sociological environments as viewed from the physical aspects of Earth systems. The fundamental concept involves an understanding of the physical environment, the natural controls placed on it, and its influence on biologic systems, including humans. A companion concept involves the effect of human interactions on the physical environment and subsequent repercussions. Approved for University Studies (Synthesis/Integration). Prerequisites: G 101 or ES 112; and completion of all lower division University Studies requirements.

**G 399 Special Studies**

Credits to be arranged

**G 401/501 Research**

Credits to be arranged

**G 403/503 Thesis**

Credits to be arranged

**G 405/505 Reading and Conference**

Credits to be arranged

**G 406/506 Field Geology**

9 credits

Offers geological fieldwork in selected parts of Oregon and California. Emphasizes hydrogeology, field mapping, and report-writing. Meets in the field for thirty-three days immediately after spring term. For more details, please request a brochure from the Department of Geology. Prerequisites: G 313, 342, and 480.

**G 407/507 Seminar**

Credits to be arranged

**G 408/508 Workshop**

Credits to be arranged

**G 409/509 Practicum**

Credits to be arranged

Students participate in geology-related activities at public or private firms or with individuals.

**G 426 Optical/Igneous Petrology and Petrography**

4 credits

Explores optical mineralogy and mafic igneous rocks using geochemical instruments and the petrographic microscope. The lecture emphasizes theoretic petrology, while the laboratory concentrates on fabric and geochemical relations, as well as hand specimen description. Two lectures and two 3-hour laboratories. Prerequisite: G 313.

**G 427 Igneous/Metamorphic Petrology and Petrography**

4 credits

Examines felsic igneous rocks and metamorphic rocks using geochemical instruments and the petrographic microscope. The lecture emphasizes theoretic petrology while the laboratory concentrates on fabric, structure, and geochemical relations, as well as hand specimen description. Two lectures and two 3-hour laboratories. Prerequisite: G 426.

**G 428 Sedimentary Petrology and Petrography**

4 credits

Geologic study and interpretation of sedimentary rocks. The lecture component stresses the origins of, classifications for, and relationships between sedimentary rocks. The lab concentrates on the description and interpretation of sedimentary rocks in thin sections. Two lectures and two 3-hour laboratories. Prerequisite: G 427.

**G 430/530 Low-Temperature Geochemistry**

3 credits

Applies chemical principles to geologic processes at low temperature, with an emphasis on processes that influence ground and surface water compositions, including dissolution and precipitation; inorganic and organic reactions; kinetics and equilibrium; oxidation and reduction; and isotope exchange. Three lectures. Prerequisites: CH 203, 206 and G 313.

**G 433/533 Soil Science**

4 credits

Offers an introduction to pedology and field techniques in describing soils. Develops a quantitative and qualitative understanding of morphology, origin, chemistry, and classification of soils. Topics include weathering, mineral and organic constituents of soil, nutrient cycling, soil erosion and contamination, biological activity in soils, and agriculture. Explores issues related to the environment and land use planning with respect to soils. Two 50-minute lectures and one 2-hour laboratory. Prerequisites: G 102 and 112, or ES 112; completion of University Studies (Quantitative Reasoning) requirements; and upper division or graduate standing. (Cross-listed with GEOG 433/533.)

**G 450/550 Field Seminar in Geology**

2 to 4 credits

Offers an advanced study of an important geologic locality such as Death Valley or the Grand Canyon. Includes classroom work, independent research, preparation of a professional report, and an oral presentation, in addition to partic-

ipation in the field. Prerequisites: ES 111 or G 101 (for G 450) and an additional geology class or instructor consent (for G 550).

#### G 453/553 Introduction to Remote Sensing

4 credits

Designed to introduce students to remote sensing of the environment through digital image processing of satellite data. Develops an understanding of inventorying, mapping, and monitoring earth resources through the measurement, analysis, and interpretation of electromagnetic energy emanating from features of interest. Four hours of lecture and one three-hour lab. Prerequisite: ES 349. Corequisite: G 453/553L.(Cross-listed with ES/GEOG 453/553.)

#### G 457/557 Introduction to Global Positioning Systems

4 credits

Covers the fundamentals of global positioning systems (GPS). Includes an overview of the GPS system, its operation, and major sources of error. Field and lab exercises allow for AGPS data collection and application of various data-processing techniques, including differential correction, quality control, and export to geo-spatial software. Four hours of lecture and one three-hour lab. Prerequisite: ES 349. Corequisite: G 457/557L. (Cross-listed with ES/GEOG 457/557.)

#### G 480 Geologic Field Methods

4 credits

Provides instruction in the basic techniques of geologic field methods and geologic mapping, as well as in the use of basic mapping instruments. Includes aerial photo interpretation of geologic structures. Students produce geologic maps, cross-sections, and reports. Two lectures and one day per week in the field. Prerequisites: G 313 and 322.

#### G 481/581 Geomorphology

4 credits

Provides a systematic and quantitative study of terrestrial processes, with an emphasis on the evolution and interpretation of landforms. Topics include the history of geomorphology and an assessment of the processes associated with mass wasting, rivers, glaciers, deserts, and shorelines. Students should be familiar with basic logarithms, trigonometry, and topographic-map-reading skills. Prerequisites: G 102 or ES 111, 112; completion of the University Studies (Quantitative Reasoning) requirement; and upper division or graduate standing. Approved for University Studies (Integration). (Cross-listed with GEOG 481/581.)

#### G 499/599 Special Studies

Credits to be arranged

## Foreign Languages and Literatures

Churchill 250

541-552-6435

Daniel Morris, Coordinator

Professors: Priscilla Hunter, Daniel Morris

Associate Professors: Anne Connor,

Marianne Golding

Assistant Professor: Scott Rex

Instructors: Viola Olsen, Brian Sullivan,

Yuko Yamanouchi

Adjunct Faculty: Denise Prado, Christiane Pyle,

Lady Vanderlip

The foreign languages and literatures program is part of the Department of Language, Literature, and Philosophy. Foreign languages and literatures offers courses in Spanish, French, German, and Japanese and degree options in French, Spanish, and German. Foreign language courses range from beginning language instruction to the study of literature, linguistics, and culture at the graduate level.

Spanish and French offer a major in either a standard curriculum or an accelerated program (See *Special Programs*). French, German, and Spanish each offer coursework leading to a minor. Japanese language instruction is offered through the intermediate level.

In Spanish, the SOU Center for Language Studies offers an intensive summer language program leading to a master of arts in Spanish Language Teaching for teachers of high school Spanish through the SOU Summer Language Institute in Guanajuato, Mexico.

After earning a bachelor's degree, students may earn a basic teaching license in French, German, or Spanish at the secondary level through the School of Education's Master of Arts in Teaching. Graduate and undergraduate coursework supporting this interdisciplinary master's degree in education is offered in French and Spanish.

### Degrees

BA in Language and Culture, with options in French and Spanish

BA in Interdisciplinary Studies, with options in French and Spanish

Master of Arts in Spanish Language Teaching

### Minors

French, German, and Spanish

### Language Requirements

#### Southern Oregon Foreign Language Proficiency Program

High school students may obtain SOU foreign language credit through the Southern Oregon Foreign Language Proficiency Program, sponsored by the Department of Foreign Languages and Literatures and the Southern Oregon Foreign Language Articulation (SOFLA) project. Only approved schools and teachers are allowed to participate in the program. To receive the credit, students must be high school seniors enrolled in an advanced (third, fourth, or fifth year) high school language program. These students must successfully pass an Oral Proficiency Interview administered by a certified tester

of the American Council on the Teaching of Foreign Languages (ACTFL) and demonstrate writing proficiency through the SOFLA writing proficiency exam based on the ACTFL scale. The following credits will be awarded:

- 101, 102 for scores equivalent to novice high on the ACTFL scale in both speaking and writing;
- 101, 102, 103 for scores equivalent to intermediate low on the ACTFL scale in both speaking and writing; or
- 101, 102, 103 and 201, 202 for scores equivalent to intermediate mid on the ACTFL scale in both speaking and writing.

Students planning to enroll at SOU who place at the intermediate mid level on both assessments may receive additional credit for 203 upon recommendation of their high school teacher and successful completion of a 300-level class at SOU.

### Advanced Placement/Credit by Examination

Students seeking credit for 100- and 200-level second language coursework are granted the following exception to the Credit by Exam policy: Students who place in a course beyond 101, enroll in the course within one year of taking the placement exam, and complete the higher-level course with a B or better may purchase credit for the lower-level courses. Students must apply for credit within one term of completing the higher-level course. In addition, students who place in the 300-level of Spanish may take an additional written exam to place into SPAN 312 or 412. Students who place into one of those courses and successfully complete it with a B or better may purchase credits for SPAN 310 and 311.

### BA in Language and Culture

A language and culture major with an option in French or Spanish prepares students for a variety of careers in which cultural understanding, local or international work, critical thinking, and practical application of a second language play a significant role. It is an excellent complement to a second major in many fields, adding valuable foreign language and cultural competency and international or multicultural experience to knowledge in other disciplines and preparing students for careers in government or civil service, law and law enforcement, health and human services, travel and tourism, international business, and education. The foreign language program at SOU prepares majors to enter graduate programs leading to careers that require superior language proficiency in specializations such as linguistics, literature, culture studies, and translation.

The language and culture major in Spanish or French enables intermediate to advanced students to maximize their competency in language skills and cultural proficiency by focusing on communication, practical applications, research and analysis, language fluency, and cultural knowledge and understanding. Incorporating the most current models of instruction, a multidimensional program equips undergraduates with varying skills to reach their po-

tential language and culture proficiency levels. The language and culture major in French and the international internship track of the major in Spanish require a full-time, ten-week work internship completed abroad. The language, literature, and culture track of the major in Spanish requires additional coursework and a minimum of 120 hours of work completed locally or abroad in a multicultural or international community. Both the international and local work experiences must demonstrate high language skills and good cultural knowledge.

The language and culture major is also designed to increase students' integration of multidisciplinary knowledge into their specialization and their preparedness to enter the work world. To this end, foreign language and culture majors are required to complete a minor or a second major in another field.

#### Accelerated Baccalaureate Degree Program

Language and culture majors may participate in the University's Accelerated Baccalaureate Degree Program.

Please refer to the *Accelerated Baccalaureate Degree Program* section.

#### Admission to the Major

To be admitted to the language and culture baccalaureate program, students must have:

1. Completed two years of college-level French or Spanish or the equivalent;
2. Attained a cumulative GPA of at least 2.5 in all coursework;
3. Attained a cumulative GPA of a least 3.0 in all coursework in the language option chosen; and
4. Demonstrated an oral proficiency level equivalent to intermediate mid on the scale published by the American Council on the Teaching of Foreign Languages (ACTFL).

#### Requirements for the Major

Students in a language and culture major, regardless of language or track, must complete the following minimum requirements:

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Speak with an advisor in the preferred language area and create a junior and senior plan of study, including all items below, as approved by an advisor.
3. A core of interdisciplinary language, literature, and culture credits (8 credits).
4. A core of intermediate language, literature, and culture credits (12–28 credits).
5. Culture electives (8 credits).
6. Advanced language, literature, or culture credits (8–20 credits).
7. A research and writing skills requirement, which must be met by completing FR 315 or SPAN 312 or 412 on the SOU campus in Ashland.

8. A culture-specific work experience undertaken once an advanced level of proficiency has been demonstrated (minimum of 4–8 credits).
9. A capstone project, completed under the supervision of a member of the languages and literatures faculty (4 credits).
10. A minor or a second major.
11. A minimum 2.75 GPA in the language of specialization and a 2.5 GPA overall.
12. A campus residency requirement. At least 16 upper division credits that have been approved by an advisor in the language of concentration, not including the capstone project and the practical work experience, must be completed in courses offered on the SOU campus in Ashland. At least 12 credits taken in residence, excluding capstone and practica credits, must be at the 400-level.
13. Additional language-specific requirements. See an advisor in the option.

#### Work and Study Abroad

Foreign language students are encouraged to take advantage of the many varied and high-quality SOU approved study or work abroad programs and options available. Financial aid applies in most instances. With advisor consent, internship, practicum, and study abroad credit earned through SOU or another accredited U.S. university may fulfill foreign language and other program requirements. An academic year abroad is recommended for all foreign language majors.

#### International Internship

The degree option in French and track A in Spanish require an international internship of at least ten weeks of full-time work (350 to 400 hours). The internship must be completed in residence in a country where the language is spoken. Students completing the major requirement must register for at least 8 credits. Up to 15 such credits may be earned depending on the total number of hours worked (30 hours of work per credit). The work may be undertaken once a student has achieved an appropriate level of oral, aural, reading, writing, and cultural proficiency, usually toward the end of the junior year or at the completion of a study abroad program. The internship course is usually an irregular registration and includes statements of work objectives, journals, reports, and an employer evaluation. Credits and course requirements are overseen by a member of the foreign language faculty.

#### Community-Based Work

The degree track B in Spanish requires students to work locally or abroad for at least 120 hours. The work must be completed in a community or country where Spanish is spoken. The community-based work experience is generally a part-time experience spread over several weeks. Majors completing track B must complete at least 4 credits and may be eligible to earn additional credits depending on the total number

of hours worked (30 hours of work per credit). The work may be undertaken once a student has achieved an appropriate level of oral, aural, reading, writing, and cultural proficiency, usually toward the end of the junior year or at the completion of a year or semester of study abroad. The work experience is registered as an irregular course or courses and includes statements of work objectives, journals, reports, and an employer evaluation. Credits and course requirements are overseen by a member of the foreign language faculty.

#### Capstone

All students in the language and culture major must complete a capstone project that demonstrates the skills and knowledge acquired during the completion of the major. The capstone project includes an analytical research paper and annotated bibliography following standard MLA format. The research is presented before students and a panel of foreign languages and literatures faculty.

#### French Language and Culture

##### INTERDISCIPLINARY CULTURE CORE

(8 credits)

Francophone Cultures (FR 220)*	.....	4
Cultural Anthropology: Perspectives on Humanity (ANTH 213)	.....	4
Communication Across Cultures (COMM 200)....	4	

\*Required.

##### LANGUAGE AND CULTURE CORE

(12 credits)

Introduction to French Literature (FR 301).....	4
La France Contemporaine (FR 314).....	4
Civilisation française (FR 315)* .....	4

\*Meets requirement for research and writing training in the major.

##### ADVANCED LANGUAGE AND CULTURE COURSES

(16 credits)

Survey of French Literature (FR 311).....	4
Survey of French Literature (FR 312) .....	4
French Pronunciation and Phonetics (FR 331).....	4
Topics in French Film (FR 350/450).....	4
Topics in French Literature (FR 426).....	4
Noncontinental Francophone Literature (FR 427)....	4
Topics in French Culture (FR 428).....	4
Advanced French Grammar (FR 445) .....	4
Translation (FR 460) .....	4

##### ADVANCED CULTURE ELECTIVES\*

(8 credits)

Topics in French Film (FR 350/450)** .....	8
Topics in French Culture (FR 428)** .....	8

\*Approved upper division non-departmental courses may meet this requirement with advisor approval.

\*\*May be repeated for credit when topic changes.

##### INTERNATIONAL INTERNSHIP

(minimum 8 credits/ten weeks of full-time work)\*

International Internship (FR 408)* .....	8
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\*Students who are unable to complete an international work internship in a French-speaking country are required to complete an additional 12 credits of elective courses, which must include FR 409 community-based work experience for 4 credits.

**CAPSTONE***(4 credits)*

Research and Writing Capstone (FR 490) ..... 4

At least 16 credits of the major must be completed on the Ashland campus, 12 credits of which must be in courses at the 400-level not including the capstone project and the practical work experience.

**Spanish Language and Culture****TRACK A: INTERNATIONAL INTERNSHIP**

*(60 credits in Spanish and related courses, plus additional credits as indicated below.)*

**TRACK B: LANGUAGE, LITERATURE, AND CULTURE**

*(72 credits in Spanish and related courses, plus additional credits as indicated below.)*

**1. INTERDISCIPLINARY LITERATURE AND CULTURE CORE**

*(8 credits) (Track B must choose SPAN 301 plus 4 additional credits.)*

Introduction to Reading Hispanic Literature (SPAN 301) or Introduction to Literary Theory and Critical Writing (ENG 300) ..... 4

Cultural Anthropology: Perspectives on Humanity (ANTH 213), Communication Across Cultures (COMM 200), or Media Across Cultures (COMM 201) ..... 4

Note: SPAN 320, 425, or 441 may be substituted for ANTH 213, COMM 200, or COMM 201. A topic may be used only once to fulfill requirements in the major.

**2. INTERMEDIATE LANGUAGE AND LITERATURE CORE**

*(Track A: choose 24 credits. Track B: choose 28 credits.)*

Hispanic Culture, Composition, and Conversation (SPAN 310, 311) ..... 8

Hispanic Culture, Composition, and Conversation (SPAN 312)\* or Advanced Composition, Conversation, and Culture (SPAN 412)\* ..... 4

Spanish Grammar Review (SPAN 315) ..... 4

Topics in Hispanic Film (SPAN 320)\*\* ..... 4

Nineteenth-Century Hispanic Literature (SPAN 322)\*\* or Twentieth-Century Hispanic Literature (SPAN 323)\*\* ..... 4-8

Spanish Phonetics/Phonology (SPAN 331) ..... 4

\*Meets requirement for research and writing training in the major. SPAN 412 is for students who have already acquired advanced skills, such as heritage or native speakers or students who have studied abroad.

\*\*SPAN 322 and 323 are required for students in Track B or for others who choose to take SPAN 421, 422, and 425.

\*\*\*SPAN 320 may not be applied to Track B in this section of major requirements.

**3. CULTURE ELECTIVES***(8 credits)*

Topics in Hispanic Film (SPAN 320)\* ..... 4

Topics in Contemporary Hispanic Literature and Society (SPAN 425)\* ..... 4

Topics in Hispanic Culture (SPAN 441)\* ..... 4

Approved upper division extra-departmental courses ..... 8

\*May be repeated for credit when topic changes. A topic may be used only once to fulfill requirements in the major.

**4. ADVANCED LANGUAGE AND CULTURE COURSES**

*(Track A: choose 4-8 credits. Track B: choose 8 credits.)*

Topics in Hispanic Culture (SPAN 441)\* ..... 4

Topics in Theoretical and Applied Spanish Linguistics (SPAN 481)\* ..... 4

Topics in Writing and Translation (SPAN 482)\* ..... 4

\*May be repeated for credit when topic changes.

**5. ADVANCED LITERATURE AND CULTURE COURSES**

*(Track A: choose 0-4 credits. Track B: complete 12 credits.)*

Selected genre or period studies (SPAN 421)\* ..... 4

Major Literary Figures (SPAN 422)\* ..... 4

Topics in Contemporary Hispanic Literature and Society (SPAN 425)\* ..... 4

\*May be repeated for credit when topic changes.

**6. ADVANCED SERVICE LEARNING**

*(Track A: International Internship. Minimum 8 credits/ten weeks of full-time work)\**

International Internship (SPAN 408) ..... 8-15

\*Students complete a minimum of 400 hours of work and must enroll for a minimum of 8 credits for the work, but may receive up to 13 credits for 400 hours or up to 15 credits for an additional 30 hours of work per credit.

*(Track B: Community-Based Work. Minimum 4 credits/three weeks of full-time work)\**

Community-Based Work (SPAN 406) ..... 4-15

\*Students complete a minimum of 120 hours of work and must enroll for a minimum of 4 credits for the work, but may receive up to 15 credits for an additional 30 hours of work per credit.

**7. CAPSTONE***(4 credits)*

Capstone: Research and Writing (SPAN 498) ..... 4

**8. INTERDISCIPLINARY CONCENTRATIONS**

Students in the Spanish major are required to complete a minor or a second major. At least 16 credits of the major must be completed on the Ashland campus, 12 credits of which must be in Spanish courses at the 400-level.

**Minors**

Students may minor in French, German, or Spanish by completing 24 credits in one of these languages, as indicated below.

**French**

Select 24 credits of French, of which at least 20 must be upper division, as follows. At least 8 upper division credits must be taken on the SOU Ashland campus.

*Required Courses*

Intermediate French Language and Culture III (FR 203)\* ..... 4

La France contemporaine (FR 314) ..... 4

Civilisation française (FR 315) ..... 4

Choose 12 credits from the following. At least 4 credits must be in literature:

Introduction to French Literature (FR 301) ..... 4

Survey of French Literature (FR 311, 312) ..... 8

Introduction to French Literature (FR 301) ..... 4

Survey of French Literature (FR 311, 312) ..... 4, 4

Intermediate/Advanced Oral Proficiency (FR 330) ..... 4

French Pronunciation and Phonetics (FR 331) ..... 4

Seminar (FR 407) ..... TBD

Topics in French Literature (FR 426) ..... 2-4

Noncontinental Francophone Literature (FR 427) ..... 2-4

Topics in French Culture (FR 428) ..... 2-4

Advanced French Grammar (FR 445) ..... 4

Translation (FR 460) ..... 4

\*Students who begin their SOU French studies at the 300-level should replace FR 203 with an additional 4 credits of courses selected from the electives.

**German**

*Required Courses*

Select 24 credits in German as follows. At least 8 upper division credits must be taken in courses on the SOU campus in Ashland.

Intermediate German Language and Culture III (GL 203) ..... 4

German Culture, Conversation, and Composition (GL 301, 302, 303) ..... 12

Advanced credits from study abroad or the Deutsche Sommerschule am Pazifik ..... 8

**Spanish**

*Required Courses*

Select 24 credits of upper division courses in Spanish. Students must take at least 8 credits of upper division courses on the SOU campus. With advisor approval, up to 8 credits of Spanish may be transferred from other accredited universities, and approved credits earned studying abroad may also be applied.

Introduction to Reading Hispanic Literature (SPAN 301) ..... 4

Hispanic Culture, Composition, and Conversation (SPAN 310, 311, 312) ..... 4, 4, 4

Spanish Grammar Review (SPAN 315) ..... 4

Topics in Hispanic Film (SPAN 320) ..... 4

Nineteenth- or Twentieth-Century Hispanic Literature (SPAN 322 or 323) ..... 4, 4

Spanish Phonetics/Phonology (SPAN 331) ..... 4

Advanced Composition, Conversation, and Culture (SPAN 412) ..... 4

Upper division courses in Spanish as approved by an advisor ..... varies

**Teacher Licensing**

Students who would like to teach languages at the middle school or high school level in Oregon public schools must complete a bachelor's degree before applying for admission to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the department chair for an appropriate advisor and the School of Education regarding admission requirements for the MAT program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Practica, internships, and volunteer experiences working with children in the public schools prior to application to the MAT program are required.

**Study Abroad**

The Department of Foreign Languages and Literatures strongly recommends and encourages its students to participate in any of the study abroad opportunities available through SOU or the Oregon University System (OUS). There are

OUS programs in Argentina, Chile, Ecuador, France, Germany, Japan, Mexico, and Spain. Southern Oregon University offers an exchange program with the University of Guanajuato, Mexico. For most yearlong programs, students must complete two years of study in the foreign language prior to participation.

Students may also participate in study abroad programs through the National Student Exchange program. This program allows students to participate in study abroad programs of other universities throughout the U.S. and in universities in Canada and Puerto Rico.

Credit earned for study abroad programs is transferred back to the home campus. Financial aid may be used for these programs. Students interested in these programs should consult the director of international programs or foreign languages and literatures faculty.

## Foreign Language Courses

### LOWER DIVISION COURSES

#### FL 101, 102, 103 Special Topics: Beginning Language

4 credits each

Allows students to receive beginning language credit for languages not taught on a regular basis on the SOU campus. Title and content varies according to the language taught. May be repeated for credit. Languages taught may be from approved study-abroad programs, NASILP self-instructional programs, or other special language programs affiliated with SOU, including Native American languages.

#### FL 199 Special Studies

Credits to be arranged

#### FL 201, 202, 203 Special Topics: Intermediate Language

4 credits each

Allows students to receive intermediate language credit for languages not taught on a regular basis on the SOU campus. Title and content varies according to the language taught. May be repeated for credit. Languages taught may be from approved study-abroad programs, NASILP self-instructional programs, or other special language programs affiliated with SOU, including Native American languages. Completion of sequence meets BA language requirement.

#### FL 299 Special Studies

Credits to be arranged

### UPPER DIVISION COURSE

#### FL 399 Special Studies

Credits to be arranged

### GRADUATE COURSES

#### FL 511 Second Language Acquisition Theory and Practice

3 credits

Provides students with an overview of the most current theories of second language acquisition and the teaching methodologies that result from these approaches. Students will detail differences between and similarities among the vari-

ous models of second language acquisition as they learn how to identify and integrate them into the foreign language classroom.

#### FL 512 Teaching for Proficiency: Methods and Strategies

3 credits

Explores how proficiency standards can be applied in the classroom in conjunction with state and local standards based on the national standards for foreign language education as established by the American Council on Teaching of Foreign Languages (ACTFL). Students learn how to integrate the five Cs of foreign language education: communication, cultures, connections, comparisons, and communities, with clearly defined proficiency standards for foreign language performance.

#### FL 513 Foreign Language Assessment: Principles and Strategies

3 credits

Explores the many ways to assess foreign language proficiency. Compares traditional testing measures with more recent performance-based assessment methods and portfolio assessment models. Students study various assessment instruments and resources, as well as learning how to integrate assessment practices with foreign language standards.

#### FL 514 Action Research

3 credits

Introduces students to research methodologies that pursue action (change) and research (understanding) concurrently. Students will learn how to do a systematic inquiry into the teaching/learning environment of a classroom with the goal of developing reflective teaching practices. This course is intended as preparation for an action research project that students will conduct over the course of the following year.

#### FL 515 Technology in the Classroom

3 credits

Transforms knowledge into practice about Second Language Acquisition (SLA) and pedagogy, while focusing on the use of technology in the foreign language classroom. Fosters professional development as students formulate critical skills for creating, integrating, and assessing technology into the classroom. Topics may include interactive and non-interactive hypermedia technologies, Computer Assisted Language Learning (CALL), language testing and technology, distance learning, online discussions, and software selection.

## French Courses

### LOWER DIVISION COURSES

#### FR 101, 102, 103 Beginning French Language and Culture I, II, III

4 credits each

Enables students to reach a minimum of novice high proficiency and introduces them to the cultural differences of French speakers. Materials include texts, CDs, videotapes, films, and elementary cultural and literary readings. Closed to native speakers of French. Prerequisite for FR

101: SOU French Placement Level 1. Prerequisite for FR 102: SOU French Placement Level 2 or FR 101.

#### FR 106, 107, 108 Beginning French Conversation

1 credit each

Involves oral practice of materials studied in Beginning French. Graded P/NP only. Closed to native speakers of French. Corequisite: Beginning French Language and Culture.

#### FR 199 Special Studies

Credits to be arranged

#### FR 201, 202, 203 Intermediate French Language and Culture I, II, III

4 credits each

Enables students to reach a minimum of intermediate mid language proficiency, to compare cultural ideas, and to analyze issues, problems, and practices of the native and target language groups. Students are required to communicate in French on topics ranging from everyday life, family, and work to political, economic, and social questions affecting culture. Materials include literary and cultural texts, audiotapes, videotapes, films, art, and performances. Closed to native speakers of French. Approved for University Studies (Explorations (FR 202 and 203 only)). Prerequisite for FR 201: SOU French Placement Level 3 or FR 101, 102, 103. Prerequisites for FR 202: SOU French Placement Level 4 and FR 201. Prerequisite for FR 203: FR 202.

#### FR 206, 207, 208 Intermediate French Conversation

1 credit each

Involves oral practice of materials studied in Intermediate French. Graded P/NP only. Closed to native speakers of French. Corequisite: Intermediate French Language and Culture.

#### FR 209 Practicum

Credits to be arranged

#### FR 220 Francophone Cultures of the World

4 credits

Explores non-European French-speaking cultures of the world through literature and film. Emphasizes francophone cultures of Africa, the Caribbean, and Canada, with some discussion of French-speaking cultures of Southeast Asia and the Middle East. Uses film, short stories, poetry, and cultural readings to explore the diversity of the francophone world. Taught in English. Approved for University Studies (Explorations).

### UPPER DIVISION COURSES

#### FR 301 Introduction to French Literature

4 credits

Introduces various genres in French literature through short representative works of poetry, short stories, the novel, and theatre. Emphasizes the development of reading skills as preparation for advanced literature courses. Prerequisite: Two years of college French, SOU French Placement Level 5, or FR 203.

**FR 311, 312 Survey of French Literature**

4 credits each

Studies selected French literature from the Middle Ages to present. Prerequisites: SOU French Placement Level 5 or FR 203 and 301.

**FR 314 La France Contemporaine**

4 credits

Study of contemporary French culture, emphasizing development of oral and written expression in French. Cultural topics include contemporary societal, religious, and political institutions; patterns of daily life; and customs and practices of contemporary France. Topics serve as the basis for in-class discussion and composition assignments. Taught in French. Approved for University Studies (Synthesis/Integration). Prerequisite: SOU French Placement Level 5 or FR 203 and completion of all lower division University Studies requirements.

**FR 315 La Civilisation Française**

4 credits

Study of the historical development of French culture and society from the beginnings through World War II. Emphasizes the influence of key historical, artistic, political, and cultural movements on contemporary French thought and society. Topics serve as the basis for in-class discussion and composition assignments. Meets the major requirements in research and writing for the French option in the language and culture major. Taught in French. Approved for University Studies (Synthesis/Integration). Prerequisites: SOU French Placement Level 5 or FR 203 and completion of all lower division University Studies requirements.

**FR 330 Intermediate/Advance Oral Proficiency**

4 credits (maximum 8 credits)

Designed to improve speaking proficiency in standard French. Helps students move from the intermediate to advanced speaking level on the ACTFL proficiency scale using numerous electronic sources and regular individual oral discussions and interviews. Focuses on developing advanced oral skills of narrating and describing in all time frames, talking about current events and topics of interest, and speaking in paragraph-level language. May be repeated for credit.

**FR 331 French Pronunciation and Phonetics**

4 credits

Offers a thorough study of the fundamentals of French pronunciation and phonetics. Focuses on corrective phonetics to improve individual student pronunciation. Prerequisite: SOU French Placement Level 5 or FR 201.

**FR 350 Topics in French Film**

4 credits

Examines selected topics in French cinema, focusing on insights into French culture as seen through film. Recent topics include Masterpieces of French Film, French Film and Cultural Identity, French Film and Society, and Feminine Images in French Film. May be repeated for credit when topic changes. Approved for University Studies (Synthesis). Prerequisites: SOU

French Placement Level 5 or FR 203; and completion of all lower division University Studies requirements.

**FR 399 Special Studies**

Credits to be arranged

**FR 403/503 Thesis**

Credits to be arranged

**FR 405/505 Reading and Conference**

Credits to be arranged

**FR 406 Community-Based Work Experience**

1 to 4 credits

A practicum work experience in local businesses, schools, or other agencies where French is required. Carried out in French and overseen by a faculty member. The work experience includes work objectives, journals, reports, and an employer evaluation.

**FR 407/507 Seminar**

Credits to be arranged

**FR 408 International Internship**

1 to 12 credits

French language internship in a discipline of the student's area of interest, such as business, humanities, science, or social science. Internships are in French-speaking countries.

**FR 409/509 Practicum**

Credits to be arranged

**FR 426/526 Topics in French Literature**

4 credits

Examines literary texts reflecting the development of a genre or a specific topic in a given age. May be repeated for credit when topic changes. Prerequisites: FR 311, 312.

**FR 427/527 Noncontinental Francophone Literature**

4 credits

Explores Francophone literature by authors originating from countries other than France. Representative works selected from African, Canadian, Caribbean, Indochinese, or Latin American literature. Conducted in French. May be repeated for credit when topic changes. Approved for University Studies (Integration). Prerequisite: FR 311 or 312 and completion of all lower division University Studies requirements.

**FR 428/528 Topics in French Culture**

4 credits

Addresses selected topics in French culture that have significantly influenced French thought or contemporary French society. Topics may include social, political, artistic, or historical movements; contemporary lifestyles and customs; and issues of current interest in the French-speaking world. Taught in French. May be repeated for credit when topic changes. Prerequisites: FR 314, 315, 316.

**FR 430/530 Advanced/Superior Oral Proficiency**

4 credits (maximum 8 credits)

Designed to improve speaking proficiency in standard French. Helps students move from

the advanced to superior speaking level on the ACTFL proficiency scale using numerous electronic sources and regular individual oral discussions and interviews. Focuses on developing superior-level oral skills of stating and defending opinions, speaking in the abstract, and hypothesizing in extended discourse while strengthening the advanced skills of describing in all time frames, and talking about current events and topics of interest. May be repeated for credit.

**FR 445/545 Advanced French Grammar**

4 credits

Offers an intensive review of French grammar. Focuses on common problem areas. Conducted in French. Prerequisites: FR 201, 202, 203.

**FR 450 Topics in French Film**

4 credits

Examines selected topics in French cinema, focusing on insights into French culture as seen through film. Recent topics include Masterpieces of French Film, French Film and Cultural Identity, French Film and Society, and Feminine Images in French Film. May be repeated for credit when topic changes. Approved for University Studies (Synthesis). Prerequisites: FR 315 or instructor consent.

**FR 460/560 Translation**

4 credits

Studies the problems of translating literary and nonliterary texts from French into English and English into French. Involves some work on simultaneous oral translation. Prerequisites: FR 314, 315, 316.

**FR 490 Research and Writing Capstone**

2 to 4 credits

Senior capstone. Designed to be the culminating project of the major for both Options A and B. Students create a research project in consultation with a faculty member. The capstone reflects the student's personal interests and career goals and may be linked to a work internship with advisor approval. The project results in an analytical research paper and bibliography written in French. Capstones may be in the areas of language, literature, or culture. Students deliver an oral presentation of the project in French to foreign languages and literatures faculty. Prerequisites: Senior standing in the major and FR 314, 315, 316.

**German Courses****LOWER DIVISION COURSES****GL 101, 102, 103 Beginning German Language and Culture I, II, III**

4 credits each

Enables students to reach at least novice high proficiency and introduces them to the cultural differences of German speakers. Materials include texts, audiotapes, videotapes, films, and elementary cultural and literary readings. Closed to native speakers of German.

**GL 199 Special Studies**

Credits to be arranged

**GL 201, 202, 203 Intermediate German Language and Culture I, II, III**

4 credits each

Enables students to reach intermediate mid-language proficiency, to compare cultural ideas, and to analyze issues, problems, and practices of the native and target language groups. Students are required to communicate in German on topics ranging from everyday life, family, and work to political, economic, and social questions affecting culture. Materials include literary and cultural texts, audiotapes, videotapes, films, art, and performances. Closed to native speakers of German. Approved for University Studies (Explorations). Prerequisites: GL 101, 102, and 103.

**GL 209 Practicum**

Credits to be arranged

**UPPER DIVISION COURSES****GL 301, 302, 303 German Culture, Conversation, and Composition**

4 credits each

Offers a German studies approach to German language fluency. Incorporates writing, conversation, literature, culture, and history. Prerequisite for 400-level courses. Approved for University Studies (Synthesis/Integration).

**GL 308 German Trailer Course**

1 to 2 credits

Taught in German as a trailer to a course in another department (e.g., history, art, music, business, sociology, or women's studies). Involves readings and discussions in German on topics relevant to the main course. May be repeated for credit when topic changes. Prerequisite: GL 203.

**GL 399 Special Studies**

Credits to be arranged

**GL 401/501 Research**

Credits to be arranged

**GL 403/503 Thesis**

Credits to be arranged

**GL 405/505 Reading and Conference**

Credits to be arranged

**GL 406 Community-Based Work Experience**

1 to 4 credits

A practicum work experience in local businesses, schools, or other agencies where German is required. The work experience is carried out in German and overseen by a faculty member. The work experience includes work objectives, journals, reports, and an employer evaluation.

**GL 407/507 Seminar**

Credits to be arranged

**GL 408/508 International Internship**

Credits to be arranged

Offers summer work opportunities at German and Swiss businesses to qualified students. Provides practical experience in a German language environment. Prerequisites: GL 301, 302, 303, and instructor consent.

**GL 409 Practicum**

Credits to be arranged

**Japanese Courses****LOWER DIVISION COURSES****JPN 101, 102, 103 Beginning Japanese Language and Culture I, II, III**

4 credits each

Enables students to reach at least novice mid proficiency and introduces them to the cultural differences of Japanese speakers. Materials include texts, audiotapes, videotapes, films, and elementary cultural and literary readings. Closed to native speakers of Japanese. Requires some work with Japanese characters.

**JPN 106, 107, 108 Beginning Japanese Conversation**

1 credit each

Involves oral practice and conversation for students in Beginning Japanese. Graded P/NP only. Closed to native and advanced speakers of Japanese. Corequisite: Beginning Japanese Language and Culture.

**JPN 199 Special Studies**

1 to 4 credits

**JPN 201, 202, 203 Intermediate Japanese Language and Culture I, II, III**

4 credits each

Enables students to reach at least intermediate low language proficiency; to compare cultural ideas; and to analyze issues, problems, and practices of the native and target language groups. Students are required to communicate in Japanese on topics ranging from everyday life, family, and work to political, economic, and social questions affecting culture. Materials include literary and cultural texts, audiotapes, videotapes, films, art, and performances. Continues work with Japanese characters. Closed to native speakers of Japanese. Prerequisites: JPN 101, 102, 103.

**JPN 206, 207, 208 Intermediate Japanese Conversation**

1 credit each

Involves oral practice and conversation for students in Intermediate Japanese. Graded P/NP only. Closed to native or advanced speakers of Japanese. Corequisite: Intermediate Japanese Language and Culture.

**JPN 209 Practicum**

1 to 4 credits

**UPPER DIVISION COURSES****JPN 399 Special Studies**

Credits to be arranged

**JPN 409 Practicum**

1 to 4 credits

**Spanish Courses****LOWER DIVISION COURSES****SPAN 101, 102, 103 Beginning Spanish Language and Culture I, II, III**

4 credits each

Enables students to reach at least novice high proficiency and introduces them to the cultural differences of Spanish speakers. Materials include texts, CDs, videotapes, films, and elementary cultural and literary readings. Closed to native speakers of Spanish. Prerequisite for SPAN 101: SOU Spanish Placement Level 1. Prerequisite for SPAN 102: SOU Spanish Placement Level 2 or SPAN 101. Prerequisite for SPAN 103: SOU Spanish Placement Level 3 or SPAN 102.

**SPAN 111, 112 Beginning Spanish Review**

4 credits each

Serves as a review of first-year Spanish for students who have studied the language for two or more years in high school but who are not, based on the results of the Foreign Language Placement Test, prepared for Intermediate Spanish. Coursework includes activities for oral and written communication and comprehension, as well as cultural readings and understanding. Closed to students with prior college credit in Spanish. Prerequisite: Appropriate placement score or foreign languages and literatures faculty recommendation. Prerequisite for SPAN 111: SOU Spanish Placement Level 2 or SPAN 101. Prerequisite for SPAN 112: SPAN 111.

**SPAN 199 Special Studies**

Credits to be arranged

**SPAN 201, 202, 203 Intermediate Spanish Language and Culture I, II, III**

4 credits each

Enables students to reach intermediate mid language proficiency; to compare cultural ideas; and to analyze issues, problems, and practices of the native and target language groups. Students are required to communicate in Spanish on topics ranging from everyday life, family, and work to political, economic, and social questions affecting culture. Materials include literary and cultural texts, audiotapes, videotapes, films, art, and performances. Closed to native speakers of Spanish. Approved for University Studies (Explorations). Prerequisite for SPAN 201: SOU Spanish Placement Level 4, SPAN 103, or SPAN 112. Prerequisite for SPAN 202: SOU Spanish Placement Level 5 or SPAN 201. Prerequisite for SPAN 203: SOU Spanish Placement Level 6 or SPAN 202.

**SPAN 209 Practicum**

Credits to be arranged

**UPPER DIVISION COURSES****SPAN 301 Introduction to Reading Hispanic Literature**

4 credits

Introduction to reading and analysis of literary texts written in Spanish. Emphasizes developing reading skills, with continued attention to speaking, writing, comprehension, and cultural content. Secondary emphasis is on liter-

ary forms (novel, short story, poem, play). Designed for intermediate low to mid speakers. Provides transitional reading experience prior to entering study abroad programs or upper division literature courses. Closed to students who have completed SPAN 322 or 323. Concurrent enrollment in SPAN 203 is recommended. Prerequisites: SPAN 201, 202.

**SPAN 310, 311, 312 Hispanic Culture, Composition, and Conversation**

4 credits each

Designed to promote an understanding of Spanish-speaking cultures and societies, with emphasis on the development of oral and written expression. Cultural topics may include historical influences on contemporary culture; art and media; and societal, religious, and political institutions. Topics may serve as the basis for in-class discussion and written assignments. Course may also include discussion groups outside of class. Students practice the fundamentals of composition by writing in a variety of formats, including descriptions, summaries, expository writing, narration, and research papers. Students are expected to enter SPAN 310 at or above the intermediate mid level of proficiency (as defined by ACTFL Guidelines) in receptive and productive skills. They should exit the 312 course at or above the intermediate high level. Taught in Spanish. Must be taken in sequence. SPAN 301 (Introduction to Reading Hispanic Literature) is strongly recommended prior to enrollment in SPAN 310. Prerequisite for SPAN 310: SOU Spanish Placement Level 7 or SPAN 203. Prerequisite for SPAN 311: SPAN 310. Prerequisite for SPAN 312: SPAN 311.

**SPAN 315 Spanish Grammar Review**

4 credits

Offers intermediate-level students an overview of Spanish grammar, with an emphasis on common problem areas for English speakers. Includes theoretical explanations and extensive practice. Prepares students for the advanced work expected in upper division courses in Spanish language and literature. Concurrent enrollment in SPAN 310 recommended. Prerequisite: SOU Spanish Placement Level 7 or SPAN 203.

**SPAN 320 Topics in Hispanic Film**

4 credits

Examines selected topics in Hispanic cinema, focusing on insights into cultures, history, and film production and practices in Hispanic countries, with additional emphases on film theory, form in film, and the major Hispanic film industries (Spain, Mexico, Argentina, and Cuba). Courses may focus on topics such as masterpieces of film, great directors, women in cinema, cultural identity, post-structuralism, or post-colonialism. Papers, presentations and discussion in Spanish. May be repeated for credit when topic changes. (Cross-listed with FLM 320.)

**SPAN 322 Nineteenth-Century Hispanic Literature**

4 credits

Surveys major writers and trends in the nineteenth-century literature of Spain and Spanish America. Emphasizes romanticism, costum-

brismo, realism, and naturalism. Prerequisite: SOU Spanish Placement Level 7 or SPAN 301.

**SPAN 323 Twentieth-Century Hispanic Literature**

4 credits

Surveys major writers and trends in the twentieth-century literature of Spain and Spanish America. Emphasizes the Generation of 1898, modernism, surrealism, and postmodernism. Prerequisite: SOU Spanish Placement Level 7 or SPAN 301.

**SPAN 331 Spanish Phonetics/Phonology**

4 credits

Offers a thorough study of the fundamentals of Spanish pronunciation and phonetics. Focuses on phonology and corrective phonetics to improve individual pronunciation. Conducted in Spanish. Prerequisite: SPAN 311.

**SPAN 399 Special Studies**

Credits to be arranged

**SPAN 405/505 Reading and Conference**

Credits to be arranged

**SPAN 406 Community-Based Work Experience**

1 to 15 credits

A practicum work experience in local or foreign businesses, schools, or other agencies where Spanish is required. Carried out in Spanish and overseen by a faculty member. Requires 30 hours of work per credit. The community-based work experience is generally a part-time work or volunteer experience carried out over several weeks. Students in the Spanish Track A are required to complete at least 4 credits of community-based work. Students file a statement of work and learning objectives with their academic supervisor, write reports and journals, and secure a written evaluation from the work supervisor. Prerequisites: Demonstrated advanced proficiency and six courses of SPAN 310, 311, 312, 315, 322, 323 and 331.

**SPAN 407/507 Seminar**

Credits to be arranged

**SPAN 408 International Internship**

6 to 15 credits

Full-time work internship in a Spanish-speaking country. Students work at schools, businesses, social services, or other institutions. Requires 30 hours of work per credit. Students file a statement of work and learning objectives with their academic supervisor, write reports, and secure written evaluations from their work supervisor. Prerequisites: Demonstrated advanced language proficiency and SPAN 310, 311, 312.

**SPAN 409/509 Practicum**

Credits to be arranged

**SPAN 412 Advanced Composition, Conversation, and Culture**

4 credits

Designed for heritage speakers of Spanish or advanced students with substantial experience abroad. Students examine the diversity of Hispanic cultures while improving their written

and oral proficiency in the language. Cultural topics serve as the basis for in-class discussion and written assignments. Taught in Spanish.

**SPAN 421/521 Selected Genre or Period Studies**

3 to 4 credits

Selected topics addressing theoretical, literary, and aesthetic issues of a designated genre or period of Spanish or Hispano-American literature. All activities conducted in Spanish. Repeat credit is allowed for varying topics. Prerequisites: SPAN 322, 323.

**SPAN 422/522 Major Literary Figures**

3 to 4 credits

Involves reading and analysis of outstanding works by an author or group of authors from Spain or Hispano-America. All activities conducted in Spanish. Repeat credit is allowed for varying topics. Prerequisites: SPAN 301, 311, 312, or 412; and 322, 323.

**SPAN 425/525 Topics in Contemporary Hispanic Literature and Society**

3 to 4 credits for each topic (all credits for a topic must be from a single course)

Explores selected topics addressing the nature and complexity of thought, aesthetics, and social reality in a period of twentieth-century Spanish or Hispano-American history, as exemplified by a particular group of literary and nonliterary texts. All activities conducted in Spanish. Repeat credit is allowed for varying topics. Prerequisites: SPAN 301, 311, 312, or 412; and 322, 323.

**SPAN 441/541 Topics in Hispanic Culture**

3 to 4 credits for each topic (all credits for a topic must be from a single course)

Explores selected topics addressing basic cultural differences in the Hispanic world. Examines cultural constructs as they relate to institutions, artistic forms, customs, and beliefs. All activities conducted in Spanish. Repeat credit is allowed for varying topics. Prerequisites: SPAN 311, 312.

**SPAN 481/581 Topics in Theoretical and Applied Spanish Linguistics**

3 to 4 credits for each topic (all credits for a topic must be from a single course)

Explores selected topics in the four dimensions of language: phonology, morphology, syntax, and semantics. All activities conducted in Spanish. Repeat credit is allowed for varying topics. Prerequisites: SPAN 311, 312.

**SPAN 482/582 Topics in Writing and Translation**

3 to 4 credits for each topic (all credits for a topic must be from a single course)

Explores selected topics in the practical applications of linguistic principles through writing and translation. Repeat credit is allowed for varying topics. Prerequisites: SPAN 301, 311, 312, or 412; and 322, 323.

**SPAN 498 Capstone: Research and Writing Seminar**

4 credits

Designed to be the culminating project of the Spanish major, builds from a previous research

and writing paper completed with a B or better from a 400-level literature, culture, or linguistics course taken at SOU and is normally taken in the spring term before graduation. Emphasizes three processes: 1) creating a capstone essay by polishing and expanding the analytical and rhetorical content of the original term paper; 2) expanding the original scholarly investigation and creating an annotated bibliography; and 3) presenting orally the final research to University faculty. All work in Spanish. Prerequisites: Senior standing and successful completion of at least two 400-level Spanish courses.

#### GRADUATE COURSES (SPANISH)

##### SPAN 501 Research

Credits to be arranged

##### SPAN 503 Thesis

Credits to be arranged

##### SPAN 510 Advanced Spanish Conversation

1 credit

Designed to improve Spanish conversational skills. Students will learn about and discuss a wide variety of current topics, including historical influences on contemporary culture; art and media; and societal, religious, and political institutions. This course may be taken for repeat credit. Up to 3 credits may be applied to degree requirements.

##### SPAN 516 Topics in Spanish Language Pedagogy

3 credits

Designed as a teaching praxis companion course to other courses on Spanish language, culture, and literature, this course addresses issues of how to teach newly acquired subject matter from the corresponding courses in the foreign language classroom. Must be repeated for credit with each of the foreign language/culture courses.

##### SPAN 520 Topics in Spanish or Latin American Film

3 credits

Offers an in-depth study of selected topics in Hispanic cinema, focusing on insights into cultures, history, or film production and practices in Hispanic countries. Emphasizes film theory, form in film, and film industries. Topics include masterpieces of film, directors, women in cinema, cultural identity, post-structuralism, post-colonialism, and other recent cultural topics. Repeat credit is allowed for different topics.

##### SPAN 532 Communicative Grammar

3 credits

Addresses problem areas of Spanish grammar as they pertain to English speakers with an intermediate to advanced level of Spanish proficiency. Contextualizes grammar through a focus on authentic discourse and the communicative value of each grammatical function, as well as providing theoretical explanations and extensive practice.

## Graduate Degrees

### Master of Arts in Spanish Language Teaching

The Master of Arts in Spanish Language Teaching offers the opportunity for middle school, high school, and community college Spanish teachers to complete a master's degree over the course of three summers. The program is offered through the SOU Summer Language Institute for Spanish teachers at SOU's sister institution, the Universidad de Guanajuato in Guanajuato, Mexico.

Each summer, teachers can earn a total of 16 to 18 credits in two three-week sessions. Completion of the master's degree program requires a total of 45 credits. Up to 9 graduate credits may be transferred from other institutions.

### Requirements for Master of Arts in Spanish Language Teaching

*45 credits in graduate-level Summer Language Institute. Up to 9 credits of coursework may be accepted from other institutions:*

Core Courses (15 credits total):

Second Language Acquisition Theory and Practice (FL 511) .....	3
Teaching for Proficiency: Methods and Strategies (FL 512) .....	3
Foreign Language Assessment: Principles and Strategies (FL 513) .....	3
Action Research (FL 514) .....	3
Technology in the Classroom (FL 515) .....	3
Elective Courses: Language and Culture (30 credits) (At least 10 credits must be in courses with an emphasis on pedagogy, such as SPAN 516, which can be repeated for credit as topic changes. Students may use up to 9 credits of approved course work from another institution.):	
Advanced Spanish Conversation (SPAN 510) .....	1
Topics in Spanish Language Pedagogy (SPAN 516) .....	3
Topics in Spanish or Latin American Film (SPAN 520) .....	3
Topics in Contemporary Hispanic Literature and Society (SPAN 525) .....	3
Communicative Grammar (SPAN 532) .....	3
Topics in Hispanic Culture (SPAN 541) .....	3
Topics in Theoretical and Applied Spanish Linguistics (SPAN 581) .....	3
Topics in Writing and Translation (SPAN 582) .....	3
Total credits .....	45

### ADMISSION

Master's candidates must be currently teaching Spanish at the middle school, high school, or community college level and must have taught for at least one year prior to applying. They must submit a resumé, two letters of recommendation that address their teaching and language experience, a statement of their educational philosophy, and a copy of an ACTFL certified oral proficiency interview rating of at least Intermediate High. Application materials are available at [sou.edu/summerlanguageinstitute/](http://sou.edu/summerlanguageinstitute/).

### CLASSES

Coursework is broken down into five 3-credit core courses (FL) that are taught in English and seven to ten language/culture courses taught in the target language (SPAN).

Summer Language Institute courses are available as space allows to non-master's-seeking students who may want additional coursework to improve their teaching skills, language proficiency, or cultural understanding or who may need additional graduate-level coursework to maintain or renew their certification.

## Geography

541-552-6281

John Richards, Coordinator

Professors: Greg Jones, John Richards

Associate Professor: Pat Acklin

Emeritus Faculty: Claude Curran, John Mairs, Susan Reynolds

The geography program is part of the Social Sciences, Policy, and Culture Department. Geography courses contribute to the geography minor, land use planning minor, environmental studies program, and international studies program. Students interested in geography should speak to a member of the geography faculty for advice and information about courses appropriate to their particular interests and desired career paths. Seniors and some juniors will be able to complete their geography degrees from their present catalog using the geography courses listed below or substitutes approved by the their geography advisor and program coordinator.

Studying geography fosters an understanding of the relationship between human activities and the physical and cultural environments on global, regional, and local scales. Geography synthesizes concepts and information from other natural and social sciences, acting as a bridge between the various natural and social science disciplines. Fundamental geographic methodology asks "What is it? Where is it? Why is it there?"

Geography courses explore subjects as varied as global climate change, the mosaic of human settlement in Asia, regional voting patterns in the United States, which grapes grow best where, and the depletion of natural resources in developing countries.

## Minors

### Geography

(24 credits)

Physical Environment I or II (ES 111 or 112) .....	4
Introduction to Human Geography (GEOG 107) ....	4
Maps, Cartography, and Geospatial Technology (ES/GEOG 349) .....	4
Select 12 credits of upper division geography courses with the approval of the departmental advisor .....	12

### Land Use Planning

(See *Land Use Planning* section.)

### Teacher Licensing

Students who would like to teach social studies at the middle or high school level in Oregon public schools must complete at least one course in geography before applying to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the department chair for an appropriate advisor and the School of Education regarding admission requirements for the MAT program.

## Geography Courses

### LOWER DIVISION COURSES

#### GEOG 101 Introduction to Geography: The Rogue Valley

4 credits

Introduces the skills and methods used in observing and interpreting geographical environments. Employs fieldwork, aerial photographs, maps, and basic data to examine the physical and cultural elements of the Rogue Valley from 1852 to the present. Approved for University Studies (Explorations).

#### GEOG 103 Survey of World Regions

4 credits

Offers a description, analysis, and interpretation of major geographic regions based on physical and cultural attributes. Examines the importance of regions within the international framework, the human impact on landscapes, global cultural diversity, and geographic differentiations based on levels of development.

#### GEOG 107 Introduction to Human Geography

4 credits

Surveys global human diversity using geographic perspectives. Emphasizes basic human geography concepts and skills. Examines regional variation based on language, religion, and other cultural traits; political conflicts; and development of cultural landscapes. Approved for University Studies (Explorations).

#### GEOG 108 Global Lands and Livelihoods

4 credits

Provides a systematic geographic survey of human economic systems, regions, and activities. Provides a basis for a systematic understanding of resources as environmental and cultural elements. Introduces the tools for analysis of extraction, manufacturing, and service industries. Explores the basic nature and cultural relativity of legal and market economic control functions in regulated market economies. Models spatial interaction and provides fundamental insights into the growth and economic functions of cities. Approved for University Studies (Explorations).

#### GEOG 199 Special Studies

Credits to be arranged

#### GEOG 209 Introduction to Meteorology

4 credits

Offers an introductory study of meteorology, providing a qualitative and quantitative examination of the global energy budget, weather elements, instrumentation, fronts, air masses, cyclones and anticyclones, severe weather, pollution, ozone layer depletion, acid rain, and global warming. Students gain an understanding of weather analysis and forecasting using current computer technology. Prerequisites: ES 111 and computer skills.

### UPPER DIVISION COURSES

#### GEOG 300 Geographic Research Methods

4 credits

Required for majors. Prepares students for upper division courses, the capstone, and employment by developing skills in research, writing, and oral presentations. Covers field observation, library and Internet research, interviews and surveys, off-campus data sources, and research design. Prerequisites: Completion of an Explorations sequence in arts and letters, GEOG 107, ES 111 or 112, and computer skills.

#### GEOG 330 Geography of Latin America

4 credits

Examines the physical, social, and environmental characteristics of Middle America, the Caribbean, and South America, with special emphasis on natural resources, environmental impacts, cultural diversity, economic development, regional conflict, and the emerging nations of Latin America. Approved for University Studies (Integration). Prerequisite: Completion of Explorations sequences in sciences and social sciences (geography sequences preferred).

#### GEOG 336 Geography of East and Southeast Asia

4 credits

Studies the environmental variations, cultural diversity, and emerging economic power of Asia. Emphasizes the peoples and regions of east and southeast Asia, with particular attention to their importance in global economic and political patterns. Approved for University Studies (Integration). Prerequisite: Completion of Explorations sequences in sciences and social sciences (geography sequences preferred).

#### GEOG 338 Geography of Central and Southwest Asia

4 credits

Studies the regional geography of the countries of central and southwest Asia that form the ancient core of the Muslim world: Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, Turkmenistan, Afghanistan, Pakistan, Turkey, Azerbaijan, Iran, Iraq, Syria, Lebanon, Jordan, Saudi Arabia, the United Arab Emirates, Oman, and Yemen, as well as the non-Muslim countries they envelop, including Armenia and Israel. Emphasizes Turkic and Arab countries. Covers climate, landscape, resources, cultural history, political history, and contemporary issues. Provides essential background for understanding the history and current events in the Middle East and the essential connections to events in Europe, the United States, Russia, China, and India. Approved for University Studies (Integration).

#### GEOG 349 Maps, Cartography, and Geospatial Technology

5 credits

Provides a fundamental understanding of map reading and interpretation, along with the principles and techniques used in design and compilation of maps for effective cartographic communication. Provides an overview of the geospatial technologies of global positioning systems, remote sensing, and geographic information systems. Four hours of lecture and one

three-hour lab. Prerequisite: Proof of computer proficiency. Corequisite: GEOG 349L. (Cross-listed with ES 349.)

#### GEOG 350 Urban Environments

4 credits

Examines the city as a social and physical environment using multidisciplinary perspectives. Focuses on contemporary U.S. cities and selected global and historical examples of urban places. Explores the process of urbanization; the historical development of cities in several world regions (including nonwestern contexts); the changing patterns of social classes, ethnic groups, and gender balance within cities; and the impact of urban development on the physical environment. Students work in interdisciplinary groups to investigate a significant urban issue. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

#### GEOG 360 Global Issues in Population, Development, and the Environment

4 credits

Examines contemporary global issues and investigates the roles played by cultural values, technologies, infrastructure, and sociopolitical organizations as intermediaries between human population growth, poverty, and environmental degradation. Provides the conceptual tools to formulate questions about how human societies choose to invest wealth in population growth, consumption, economic growth, or environmental preservation. Term projects require students to identify a significant and specific case relating population growth to economic development and environmental degradation and to recommend action goals. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with IS 360.)

#### GEOG 386 Environmental Data Analysis

4 credits

Applies statistical principles and techniques to geographical data. Formulates questions appropriate to statistical analysis, statistical problem solving, data collection, and documentation with particular emphasis on using statistics as an effective communication and decision-making tool through computer-based analysis, figure and table production, and writing. Four hours of lecture and one three-hour lab. Approved for University Studies (Integration). Prerequisite: MTH 243. Corequisite: GEOG 386L. (Cross-listed with ES 386.)

#### GEOG 399 Special Studies

Credits to be arranged

#### GEOG 401/501 Research

Credits to be arranged

#### GEOG 403/503 Thesis

Credits to be arranged

#### GEOG 405/505 Reading and Conference

Credits to be arranged

**GEOG 407/507 Seminar**

Credits to be arranged

**GEOG 408/508 Workshop**

Credits to be arranged

**GEOG 409/509 Practicum**

Credits to be arranged (maximum 15 undergraduate credits). Graded on a P/NP basis.

**GEOG 433/533 Soil Science**

4 credits

Offers an introduction to pedology and field techniques in describing soils. Develops a quantitative and qualitative understanding of morphology, origin, chemistry, and classification of soils. Topics include weathering, mineral and organic constituents of soil, nutrient cycling, soil erosion and contamination, biological activity in soils, and agriculture. Explores issues related to the environment and land use planning with respect to soils. Two 50-minute lectures and one 2-hour laboratory. Prerequisites: G 102 and 112, or ES 112; completion of University Studies (Quantitative Reasoning) requirements; and upper division or graduate standing. (Cross-listed with G 433/533.)

**GEOG 437/537 Conservation in the United States**

4 credits

Explores the evolution of Western environmental perceptions from classical times to present. Emphasizes environmental movements in the U.S., the forces behind environmental crisis, and the responses of society and its institutions. Prerequisites: ES 111, 112, or 210; upper division or graduate standing. (Cross-listed with SSPC 437/537.)

**GEOG 439/539 Land Use Planning**

4 credits

Applies land use planning history and legal foundations as the framework for exploring problems in land use planning, development, and public policy formulation. Pays particular attention to Oregon's land use planning legislation and its regional implementations. GEOG 350 recommended. Approved for University Studies (Integration). Prerequisites: GEOG 107, 108, or ES 210 and upper division or graduate standing. (Cross-listed with SSPC 439/539.)

**GEOG 440 Planning Issues**

4 credits

Provides opportunities for in-depth exploration of contemporary land use planning issues. Students gain insight into the planning philosophies underlying the issues and the technical aspects of planning through participation in community planning efforts such as mapping, surveys, and inventories in the Rogue Valley. Approved for University Studies (Integration). Prerequisite: GEOG 350 or 439.

**GEOG 451/551 Introduction to Geographic Information Systems**

4 credits

Explores uses of computer-based geographic information systems (GIS) for analyzing environmental features and feature-related data. Desktop GIS is employed for data storage, geo-

graphic data analysis, and map design. Covers applications in forestry, planning, resource management, and demography. Four hours of lecture and one three-hour lab. Prerequisite: GEOG/ES 349. Corequisite: ES 451L/551L. (Cross-listed with ES 451/551.)

**GEOG 453/553 Introduction to Remote Sensing**

4 credits

Designed to introduce students to remote sensing of the environment through digital image processing of satellite data. Develops an understanding of inventorying, mapping, and monitoring earth resources through the measurement, analysis, and interpretation of electromagnetic energy emanating from features of interest. Four hours of lecture and one three-hour lab. Prerequisite: GEOG/ES 349. Corequisite: GEOG 453L/553L. (Cross-listed with ES/G 453/553.)

**GEOG 457/557 Introduction to Global Positioning Systems**

4 credits

Covers the fundamentals of global positioning systems (GPS). Includes an overview of the GPS system, its operation, and major sources of error. Field and lab exercises allow for AGPS data collection and application of various data-processing techniques, including differential correction, quality control, and export to geospatial software. Four hours of lecture and one three-hour lab. ES 489/589 recommended. Prerequisite: GEOG/ES 349. Corequisite: GEOG 457L/557L. (Cross-listed with ES/G 457/557.)

**GEOG 480/580 Geography for Teachers**

4 credits

Encourages the comprehension and application of key ideas in geography and the geographical mode of inquiry to elementary and secondary school curricula. Emphasizes methods of organizing materials and the formulation of instructional strategies. Prerequisite: Upper division or graduate standing.

**GEOG 481/581 Geomorphology**

4 credits

Provides a systematic and quantitative study of terrestrial processes, with an emphasis on the evolution and interpretation of landforms. Topics include the history of geomorphology and an assessment of the processes associated with mass wasting, rivers, glaciers, deserts, and shorelines. Students should be familiar with basic logarithms, trigonometry, and topographic-map-reading skills. Prerequisites: G 102 or ES 111, 112; completion of the University Studies (Quantitative Reasoning) requirement; and upper division or graduate standing. (Cross-listed with G 481/581.)

**GEOG 482/582 Climatology**

4 credits

Investigates the physical mechanisms that control the spatial aspects of global and regional climates. Develops a qualitative and quantitative knowledge of the Earth's atmosphere system through an understanding of spatial variations in heat, moisture, and the motion of the atmosphere. Applies these concepts to a wide range

of issues in climate, human activities, and the environment. Discusses human consequences, including natural vegetation assemblages, agriculture and fisheries, health and comfort, building and landscape design, industrial influences, and issues of climate change. Approved for University Studies (Integration). Prerequisites: ES 111 or GEOG 209; completion of the University Studies (Quantitative Reasoning) requirement; and upper division or graduate standing.

**GEOG 490 Field Geography Capstone I**

1 credit

Introduces the capstone experience for geography majors. Demonstrates students' competence in the application of geographic information, theory, and methodology through the evaluation of a selected study area. Includes a weekend field camp, to be held the first weekend in October. Course to be taken in sequence with GEOG 490 and 491. Prerequisites: GEOG 340 and senior standing in the major.

**GEOG 491 Field Geography Capstone II**

1 credit

Applies specific research, writing, and presentation skills to the evolving capstone experience. Students write a research proposal and develop skills related to effective presentations, including field-based and technology-based forms. Prerequisite: GEOG 490.

**GEOG 492/592 Field Geography Capstone III**

4 credits

Applies geographic survey methods and techniques to the evaluation of selected study areas. Students complete capstone projects, including cartographic, written, and oral presentations of findings. Weekend field camp required. Typically taken during spring term of the senior year. Students who are not senior geography majors must obtain instructor consent. Prerequisites: GEOG 490, 491.

**GEOG 496/596 Geographic Internship**

2 to 6 credits

Provides on-site experience at an educational, governmental, nongovernmental, or industrial organization for a minimum of ten hours a week. Students apply geographic methods and techniques to problems such as land use planning, resource management, cartography, business, and industry. Note: The primary internship is 4 credits; students may enroll for an additional 2 credits if desired. Prerequisite: Completion of 24 credits of upper division geography.

**Geology**

Over geologic time, Earth has been a continuously changing, dynamic place. Plate movement has affected the size, shape, and location of continents and oceans and has produced associated effects for the atmosphere and biosphere. Geology is the study of Earth, its long history, and its processes. It is the study of Earth's resources, both renewable and finite. It is also the study of human interaction with the physical environment around us. To comprehend the scientific principles of Earth's processes is to be prepared for the events of those processes. To understand

the history of Earth is to understand the ways in which its resources make life possible.

For a listing of faculty and a description of degrees and courses, please refer to the *Environmental Studies* section.

## Health and Physical Education

McNeal 137

541-552-6236

Donna Mills, Chair

Professor: Donna Mills

Associate Professors: Laura Jones,  
Brian McDermott, Jennifer Slawta

Assistant Professors: Michael Jones, Mike Ritchey,  
Jamie Vener

Instructors: Adam Elson, Kelly Mason, Joel Perkins,  
Matt Sayre

Adjunct Faculty: Michael Altman

Emeritus Faculty: Daniel M. Cartwright,  
Phillip A. Pifer

The health and physical education program is part of the Department of Health, Physical Education, and Leadership. The health and physical education program is an integral part of the College of Arts and Sciences. Its function is to prepare professionals for careers in physical therapy and health promotion, fitness management, or outdoor recreation. Selected health and physical education courses are open to all SOU students. Special-interest courses have been developed for nonmajors. The program also offers a service program with activity courses for students in any major.

### Degrees

BA or BS in Health and Physical Education

BA or BS in Health and Physical Education with a concentration in Outdoor Adventure Leadership (OAL)

BA or BS in Interdisciplinary Studies:  
Pre-Physical Therapy

### Graduate Program

Graduate degree programs with health and physical education as major components are available (see *Master's Degrees in School Areas*). The program may be tailored to meet the goals of students who wish to combine studies in health and physical education with other academic areas. Such a program does not necessarily lead to licensing or certification.

### Professional Affiliations

Faculty in the Department of Health and Physical Education maintain professional memberships and actively participate in the following organizations: American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD); Northwest District-AAHPERD; Oregon Alliance for Health, Physical Education, Recreation, and Dance (OAHPERD); National Athletic Trainers Association; the National Association of Underwater Instructors; and the American College of Sports Medicine. SOU's athletic programs are governed by the National Association for Intercollegiate Athletics (NAIA).

## Student Expenses and Insurance

Southern Oregon University does not provide accident insurance. Students and others using the health, physical education, and athletic facilities for classes, intramurals, club sports, and recreation are urged to purchase a policy at the time of registration if they do not have their own insurance coverage. Special fees vary by term and class.

## Activity Courses

These courses are designed to give students an understanding of the importance of regular physical activity in improving physical and mental well-being. Students learn and improve recreational skills for maintaining an optimum level of physical fitness. All students are encouraged to take PE 180 activities and other health and physical education courses. Maximum of 12 credits of PE 180 allowed for graduation.

## Choosing a Major

Students must be admitted to the major, which usually occurs at the end of the second term of the sophomore year. Admission requires the following:

1. Completion of USEM 101, 102, 103.
2. Completion of two terms of Physiology and Human Anatomy with a minimum grade of C- (for HPE majors only).
3. A cumulative GPA of at least 2.0 for all coursework completed.
4. A GPA of at least 2.5 for all coursework completed in the major.

## Requirements for the Major (Health and Physical Education)

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Complete all coursework for the major (77 credits).
3. Complete courses within the major that satisfy the writing and capstone experience requirements of the major.
4. Maintain at least a 2.5 GPA in all courses taken for the major.

## Required Courses (Health and Physical Education)

(77 credits)

Majors Orientation (HE/PE 160) .....	1
Human Anatomy and Physiology I, II, III (BI 231, 232, 233).....	12
Health and Society I (HE 250) .....	4
First Aid and Safety (HE 252).....	3
Health and Society II (HE 275).....	4
Nutrition (HE 325) .....	3
Care and Prevention of Sports Injuries I, II (PE 361, 362).....	6
Kinesiology (PE 372).....	3
Evaluation for Health and Physical Education (PE 412).....	4
Motor Development and Learning (PE 439) .....	3
Drugs in Society (HE 453) .....	3
Physiology of Exercise (PE 473) .....	4
Exercise Prescription and Graded Exercise Testing (PE 476).....	4

Practicum: Field Experience (HE 309).....	3
Environmental Health (HE 331).....	3
Community Health (HE 362).....	3
Practicum (HE 409) .....	3
Senior Capstone (HE/PE 443) .....	3
Leadership and Management (PE 448) .....	3
Analysis of Stress (HE 452).....	3
Work-Site Health Promotion (HE 455).....	3

## Concentration in Outdoor Adventure Leadership (OAL)

(67–70 credits)

The outdoor adventure leadership concentration is designed from an integrative perspective offering comprehensive coursework in outdoor leadership, outdoor recreation management, adventure planning, tourism, risk management, stewardship, conservation, and preservation. The curriculum helps prepare students for a variety of certification opportunities in the outdoor recreation profession, including Avalanche I (Forest Service); Leave No Trace Instructor and Swift Water Rescue (ACA); Open Responder (WSI); Safe Serve, Challenge Course Facilitator, and the National Recreation and Parks Association Certified Parks and Recreation professional certification.

Graduates from this program are prepared to pursue studies in higher education and/or vocational pursuits in the areas of adventure services, parks and recreation services, outdoor recreation leadership and management, tourism, camp management, parks and recreation services, guide services, adult and youth recreation, and adventure programming.

### Required lower-division and prerequisite courses:

(27 credits)

Anatomy and Physiology I (BI 231) .....	4
Health and Society I (HE 250) .....	4
First Aid and Safety (HE 252).....	3
Land Navigation (MS 211) .....	2
Physical Environment (ES 111 or 112) or Intro to Geographical Methodology: The Rogue Valley (GEOG 101).....	4
Foundations in Outdoor Adventure Leadership (OAL 250) .....	3
Adventure-Based Facilitation (OAL 275).....	3
Professional Activities: Outdoor Recreation Activities (PE 194) .....	2
Professional Activities: Lifetime Sports and Recreation (PE 294).....	2

### Activity Courses: Land

(choose four courses)

Rock Climbing I (PE 180) .....	1
Rock Climbing II (PE 180).....	1
Skiing/Snowboarding (PE 180) .....	1
Mountaineering (PE 180) .....	1
Cycling (PE 180) .....	1
Hiking/Backpacking (PE 180).....	1

### Activity Courses: Water

(choose two courses)

Whitewater Activities (PE 180) .....	1
Advanced Whitewater Activities (PE 180) .....	1
Fly Fishing (PE 180) .....	1
Scuba (Open Water) (PE 234) .....	3
Advanced Scuba (Advanced Open Water) (PE 399).....	2

**Upper Division Courses**

(34 credits)

Outdoor Recreation Programming and the Environment (OAL 362).....	3
Advanced Techniques in Adventure Leadership (OAL 375).....	3
Program Evaluation (OAL 425).....	3
History of the Pacific Northwest Wilderness (OAL 444).....	3
Kinesiology (PE 372).....	3
Practicum in Outdoor Adventure Leadership (PE 409).....	3
Outdoor Survival (PE 430).....	3
Senior Capstone (PE 443).....	3
Environmental Physiology (PE 470).....	3
Environmental Health (HE 331).....	3
Hospitality and Tourism Management (BA 312)...	4

**Other Recommended Courses**

Therapeutic Recreation (OAL 370).....	3
Economics of Tourism (EC 399).....	4
Accounting Information I, II (BA 211/213).....	4-8
Hotel and Motel Operations (BA 310).....	4
Food and Beverage Management (BA 311).....	4
Group Dynamics (PSY 438).....	4

**Capstone**

Health and physical education majors complete the capstone experience during their senior year. This is usually a field experience appropriate for the student's projected career involving placement in a fitness/wellness, athletic training, classroom, medical setting, or outdoor recreation setting. Students are required to write a significant paper about the experience and to make an oral presentation to their peers.

**Minor in Outdoor Adventure Leadership (OAL)**

(26 credits, including 12 upper-division credits)

**Requirements for the minor:**

Activity Courses: Land/Water (PE 180) (1 credit each)*.....	3
Professional Activities (PE 194).....	2
Outdoor Survival (PE 430).....	3
First Aid and Safety (HE 252).....	3
Environmental Health (HE 331).....	3
Foundations in Outdoor Adventure Leadership (OAL 250).....	3
Adventure-Based Facilitation (OAL 275).....	3
Outdoor Recreation Programming and the Environment (OAL 362).....	3
Advanced Techniques in Adventure Leadership (OAL 375).....	3

\*See OAL concentration for a list of land/water activity courses.

**Suggested Coursework for Coaches**

These courses are for non-PE majors who desire to coach. Although these courses do not result in an endorsement, students may take them as electives. Note: Only upper division students may take courses numbered at the 400 level.

Professional Activities (PE 194, 294, 394).....	2
First Aid and Safety (HE 252).....	3
Care and Prevention of Sports Injuries I, II (PE 361, 362).....	6
Coaching courses.....	9
Leadership and Management (PE 448).....	3
Practicum (PE 409).....	6

Total credits.....29

**Teacher Licensing****HEALTH EDUCATION**

Students who would like to teach health at the middle school or high school level in Oregon public schools must complete a bachelor's degree in health before applying for admission to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the department chair for an appropriate advisor and the School of Education regarding admission requirements for the MAT program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Practica, internships, and volunteer experiences working with children in the public schools prior to application to the MAT program are required.

**PHYSICAL EDUCATION**

Students who would like to teach physical education at the early childhood/elementary or middle school/high school level in Oregon public schools must complete a bachelor's degree in physical education before applying for admission to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the department chair for an appropriate advisor and the School of Education regarding admission requirements for the MAT program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Practica, internships, and volunteer experiences working with children in the public schools prior to application to the MAT program are required.

**Health Education Courses****LOWER DIVISION COURSES****HE 160 Majors Orientation**

1 credit

Introduces students to potential career paths, faculty within the department, and professional writing.

**HE 199 Special Studies**

Credits to be arranged

**HE 250 Health and Society I**

4 credits

Addresses topics basic to physical aspects of wellness and the impact of social factors on health choices throughout the lifecycle. Sample topics include fashion trends in body composition (e.g., the current quasi-anorexic trend), social factors in contagious disease, and steroid use as a result of social pressure to win. Introduces social theories and models related to decision making associated with exercise and lifetime fitness (e.g., lifestyle constructs and social learning theory). Includes a lab component. Approved for University Studies (Explorations).

**HE 252 First Aid and Safety**

3 credits

Basic first aid and safety for emergency treatment of injuries, with emphasis on the application of such knowledge to everyday life.

**HE 275 Health and Society II**

4 credits

Addresses topics basic to mental, emotional, and social wellness. Examines the influence of social and cultural factors on wellness choices. Sample topics include effective personal communication and social factors in stress and substance abuse. Introduces social theories and models related to decision making associated with personal health (e.g., lifestyle constructs and social learning theory). Includes a lab component. Approved for University Studies (Explorations).

**UPPER DIVISION COURSES****HE 309 Practicum**

Credits to be arranged

**HE 325 Nutrition**

3 credits

Explores principles of human nutrition, essential nutrients, nutritional needs of different age groups, and nutrition research. Focuses on the relationship between nutrition and physical fitness and health, with supporting emphases on consumer awareness, evaluation of nutrition information, eating disorders, and the importance of a balanced, varied diet. HE 250 recommended.

**HE 331 Environmental Health**

3 credits

Surveys contemporary environmental issues and the interrelationship between the health of the individual and the environment. Covers such topics as population dynamics, environmental resource pollution status, environmental degradation, federal and state environmental laws, and environmental agencies. HE 250 recommended.

**HE 362 Community Health**

3 credits

Examines principles of community health and safety, with emphases on the safety of water supplies, sewage disposal, and other environmental practices affecting the health of a community. Includes study of public health agencies, selected volunteer nonprofit health agencies, and opportunities for practical experience in the community. HE 250 recommended.

**HE 399 Special Studies**

Credits to be arranged

**HE 401/501 Research**

Credits to be arranged

**HE 403/503 Thesis**

Credits to be arranged

**HE 405/505 Reading and Conference**

Credits to be arranged

**HE 407/507 Seminar**

Credits to be arranged

**HE 409/509 Practicum**

Credits to be arranged

**HE 410/510 Special Topics (Problems: Health Education)**

Credits to be arranged

**HE 422/522 Consumer Health**

3 credits

Focuses on identification of reliable and unreliable sources of information, as well as the effect of marketing strategies on health-related behaviors. Attention is given to products and services related to various health problems, health and appearance, and health care practices.

**HE 443 Senior Capstone**

3 credits

Integrates the components of a student's curriculum into a culminating experience. Opportunities include, but are not limited to, a senior thesis or one of the following options with a supporting scholarly paper and/or an oral presentation to peers: a student-generated project, a practicum in an occupational setting, international travel, or another advisor-approved activity. Prerequisites: HE 209, 409, and senior standing in the major.

**HE 444/544 Sexuality Education**

3 credits

Analyzes the physiological, psychological, and sociological factors influencing sexual development. Emphasizes principles of human sexuality, family life, and the development of parenting skills. HE 250 recommended.

**HE 450/550 Origins of Modern Health**

3 credits

Studies questions of individual preference by looking at theories related to biological impulse (genes and evolution), cultural influence (technology and civilization), and cognitive autonomy (decision making) which, though sometimes contradictory, connect to shape a modern definition of health.

**HE 452/552 Analysis of Stress**

3 credits

Studies the physiological and psychological effects of stress on the human body. Emphasizes prevention of stress overload through perception intervention and management techniques. HE 250 recommended.

**HE 453/553 Drugs in Society**

3 credits

Examines the use and abuse of drugs, including alcohol, tobacco, amphetamines, barbiturates, narcotics, and tranquilizers. Emphasizes the pharmacology of drugs and the prevention of abuse. HE 250 recommended.

**HE 455/555 Work-Site Health Promotion**

3 credits

Explores current health promotion techniques and programs designed to facilitate behavioral change in the workplace. Emphasizes the development, implementation, and evaluation of work-site health promotion programs.

**Physical Education Courses****LOWER DIVISION COURSES****PE 160 Majors Orientation**

1 credit

Introduces students to potential career paths, faculty within the department, and professional writing.

**PE 180 Physical Education**

1 credit (maximum 12 credits)

Students learn and improve recreational skills for maintaining an optimum level of physical fitness. For a list of activities currently being offered, consult the online class schedule.

**PE 194 Professional Activities**

1 to 2 credits (maximum 18 credits)

Provides laboratory experience. Includes racket sports, outdoor recreation, and rhythms. Each unit is presented with teaching techniques directed toward instruction and skill development. Emphasizes progression, sequence, participation, and planning.

**PE 196 Team Participation**

1 credit (maximum 12 credits)

**PE 199 Special Studies**

Credits to be arranged

**PE 234 Scuba Diving**

3 credits

Introduces the PADI Open Water Dive course. Covers technical skills using scuba gear in the swimming pool and explores theory practice regarding physics, physiology, and safe diving practices. Students provide their own masks, snorkels, and fins. Asthma and other serious health conditions require a medical release. Prerequisites: Adequate swimming ability as determined by the instructor.

**PE 235 Theory and Techniques of Sailing**

3 credits

A lecture course on the theory, practice, and safety of sailing.

**PE 270 Foundations of Physical Education**

3 credits

Studies contemporary issues in physical education, with emphasis on historical and philosophical contributions to behavioral, sociological, and aesthetic aspects of the discipline.

**PE 291 Lifeguard Training**

2 credits

Formal training and skill development are required for certification as a lifeguard.

**PE 292 Water Safety Instructor Training**

2 credits

Formal instruction and skill development are required for water safety instructor certification.

**PE 294 Professional Activities**

1 to 2 credits

Involves laboratory experience. Covers various team sports. Each unit includes teaching techniques focusing on instruction and skill development. Emphasizes progression, sequence, participation, and planning.

**UPPER DIVISION COURSES****PE 309 Practicum**

Credits to be arranged

**PE 361, 362 Care and Prevention of Sports Injuries I, II**

3 credits each

Examines the study and practice of sports injury prevention. Includes taping, bandaging, massage, and other therapeutic measures necessary for the care of sports injuries. Prerequisite: BI 231.

**PE 365 Coaching and Officiating Football**

3 credits

Involves a demonstration and discussion of the fundamentals, team play, and rules of football. Emphasizes the development, organization, and conduct of a football program.

**PE 366 Coaching and Officiating Basketball**

3 credits

Demonstrates and discusses the fundamentals, individual skills, and methods of instruction.

**PE 370 Coaching and Officiating Volleyball**

3 credits

Covers the techniques and theory of coaching competitive volleyball.

**PE 372 Kinesiology**

3 credits

Applies anatomical concepts to fundamental movements involved in sport and fitness activities. Prerequisite: BI 231.

**PE 394 Professional Activities**

1 to 2 credits

Provides laboratory experience. Includes various lifetime and field sports. Each unit includes teaching techniques focusing on instruction and skill development, with emphases on progression, sequence, participation, and planning.

**PE 399 Special Studies**

Credits to be arranged

**PE 401/501 Research**

Credits to be arranged

**PE 403/503 Thesis**

Credits to be arranged

**PE 405/505 Reading and Conference**

Credits to be arranged

**PE 407/507 Seminar**

Credits to be arranged

**PE 409/509 Practicum**

Credits to be arranged

**PE 410/510 Special Topics**

Credits to be arranged

**PE 412/512 Evaluation for Health and Physical Education**

4 credits

Provides techniques for assessing student needs and determining their progress in health and physical education. Covers skill development in the use of selected test instruments, with an emphasis on the fundamentals of statistical treatment of data. Provides opportunities for

applied research in the field through the "Be a Fit Kid" program. Prerequisite: MTH 243.

**PE 430/530 Outdoor Survival**

3 credits

Explores issues of human survival in the outdoor environment with a strong practical component. Prerequisite: HE 252.

**PE 439/539 Motor Development and Learning**

3 credits

Explores the basic issues of motor development and learning for all age groups, with emphasis on the learner, learning process, and condition of learning motor skills. Serves as the writing component for the health and physical education major. Prerequisite: USEM 103.

**PE 443 Senior Capstone**

3 credits

Integrates the components of a student's curriculum into a culminating experience. Opportunities include, but are not limited to, a senior thesis or one of the following options with a supporting scholarly paper and/or an oral presentation to peers: a student-generated project, a practicum in an occupational setting, international travel, or other advisor-approved activity.

**PE 444/544 Programs for Special Populations**

3 credits

Analyzes the nature and parameters of physical and mental limitations, as well as the types of instruction and learning psychology necessary for adapting physical activity to the individual needs of all age groups. Opportunities for practical experience working with people who have disabilities.

**PE 448/548 Leadership and Management**

3 credits

Covers administrative procedures in sports and health promotion programs, including physical education and cocurricular activities, recreation programs, and other sports-related areas. Topics include leadership styles, facilities and equipment, financing, staffing, event management, and public relations.

**PE 470 Environmental Physiology**

3 credits

Explores acute and chronic physiological adaptations and response to extreme environments, including altitude, hyperbaric conditions, heat exposure, and cold exposure. Examines metabolic and nutritional considerations for expeditionary-level activities.

**PE 473/573 Physiology of Exercise**

4 credits

Examines the physiological effects of muscular exercise, physical conditioning, and training. Addresses the significance of these effects on health and performance in activity programs. Includes one 3-hour lecture and one 2-hour laboratory. Prerequisites: BI 231, 232, 233.

**PE 475 Biomechanics**

3 credits

Analyzes physical education activities to determine their relationship to the laws of physics,

including force, inertia, and levers. Prerequisite: BI 231; PH 100 recommended.

**PE 476/576 Exercise Prescription and Graded Exercise Testing**

4 credits

Explores the scientific and theoretical basis for graded exercise testing and prescription writing. Introduces the procedures, methods, and technical skills involved in the evaluation of human subjects. Includes a three-hour lecture and a two-hour laboratory. Prerequisites: HE 250 and BI 231.

**Outdoor Adventure Leadership Courses**

**LOWER DIVISION COURSES**

**OAL 250 Foundations in Outdoor Adventure Leadership**

3 credits

Introduces the student to the history and philosophy of outdoor adventure education in contemporary society, with applications to current trends and prospects for the future. Surveys agencies, organizations, and programs in the leader service field.

**OAL 275 Adventure-Based Facilitation**

3 credits

Extends the survey of outdoor recreation activities introduced in PE 194 to that of a facilitator's role. Students learn how to teach various outdoor activities to clients of all levels. Prerequisite: PE 194.

**UPPER DIVISION COURSES**

**OAL 362 Outdoor Recreation Programming and the Environment**

3 credits

Explores the planning and management of adventure tourism with a special emphasis on the natural environment and impacts, including economic and sociocultural aspects. Prerequisite: OAL 250.

**OAL 370 Therapeutic Recreation (Pacific Challenge course option only)**

3 credits

Analyzes recreational activities used for therapeutic means. Promotes assessment of readings and observations related to recreation and physical activity disguised as exercise and used for therapeutic means. Studies percentage of active population, obesity and disease rates, variety of activities, reasons for participation, economic feasibility, socio-cultural influences, and accessibility of activities.

**OAL 375 Advanced Techniques in Outdoor Adventure Leadership**

3 credits

Examines group dynamics, conflict, and risk management. Explores applications to expedition planning, execution, and evaluation. Prerequisite: OAL 250.

**OAL 425 Program Evaluation**

3 credits

Emphasizes integrated approaches to designing, facilitating, and evaluating recreation and adventure-based programming. Applies fundamental

principles in research design and analysis to a broad spectrum of outdoor adventure and leadership activities, including challenge course design and implementation, risk management, expedition planning, and comprehensive outdoor recreation programming. Prerequisite: MTH 243.

**OAL 444 History of the Pacific Northwest Wilderness**

3 credits

Provides the OAL student with a historical perspective of the natural, cultural, and legal events that have shaped the region's national forests and wild areas. Explores the literary legacy, geography, and current environmental issues affecting the use and protection of forest lands in the Pacific Northwest. Prerequisite: USEM 103.

**Health, Physical Education, and Leadership**

McNeal 137

541-552-6236

Donna Mills, Chair

The Department of Health, Physical Education, and Leadership includes programs of study in health and physical education, outdoor adventure leadership, pre-physical therapy, and military science. For more information about these programs, see the *Health and Physical Education* section or the *Military Science* section.

**History and Political Science**

Taylor 103b

541-552-6645

Gary Miller, Chair

The department of History and Political Science includes the history program and the political science program. For more information on these two programs, requirements for the majors, course descriptions, and the faculty, see the individual sections in *History* and in *Political Science*.

**History**

Taylor 122

541-552-6645

Gary Miller, Coordinator

Professors: Robert T. Harrison, Jay Mullen, Karen Sundwick

Associate Professors: Todd F. Carney, Gary M. Miller

The history program is part of the History and Political Science Department. The mission of the history program is twofold: to support SOU's University Studies program and to teach advanced courses for students desiring to make history the major focus of their baccalaureate program.

To this end, the history program offers courses that help fulfill SOU University Studies requirements, elective requirements for many other programs, and requirements for a major or minor in history.

The goals of the history baccalaureate degree are to:

1. increase students' understanding of themselves and their society by introducing

them to scholarship on the historical foundations of world societies;

2. prepare students for public life by familiarizing them with the current professional views of history;
3. augment the intellectual capacities of students by encouraging critical thinking and analysis from multiple perspectives, preparing them for whatever path they may choose;
4. improve students' abilities to search for, locate, and appropriately use valid sources of information and knowledge as historical evidence through both printed and electronic media;
5. build student familiarity with the appropriate use of computers and computer networks in the fields of history, social science, and humanities;
6. enhance the writing skills of students by offering them opportunities to write and receive professional feedback on what they have written; and
7. acquaint students with the realities, standards, and expectations of the professional world.

Studying history is excellent preparation for teaching and advanced study in the humanities and social sciences, law and library schools, and seminaries. The history major also provides a solid foundation for government service, business administration, public history and museum work, and various other areas of communication, journalism, and writing. History courses are an integral part of many other degree programs at Southern Oregon University.

In addition, the department offers minors in designated fields of historical study.

## Degrees

BA or BS in History

### Minor

History

### Phi Alpha Theta

Membership in the local chapter of Phi Alpha Theta, the international honor society in history, is open to qualified students. The purposes of the society are to encourage, stimulate, and help maintain excellence in the historical scholarship of students and faculty. Phi Alpha Theta also has a number of programs, scholarship awards, and publications available to member students. For more information, see the history program website.

### Teacher Licensing

Students who want to teach history at the middle school and high school level in Oregon public schools must complete a bachelor's degree in history before applying for admission to a post-graduate licensure program such as the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the School of Education regarding admission requirements.

## Foreign Language

The history program strongly recommends that majors complete at least two years of college-level foreign language. Students who complete their second year of foreign language will likely qualify for a bachelor of arts degree at SOU (see *BA/BS Requirements*). Graduate and professional schools, scholarship-granting agencies and foundations, and private-sector employers consider the bachelor of arts degree as most appropriate within the history field. Additionally, taking courses at the 300- or 400-level in a foreign language will aid students in their post-graduation careers.

## Requirements for the Major

The history program urges students completing a history major to fulfill all University Studies requirements and prerequisites for upper division courses by the end of their sophomore year.

For a bachelor's degree in history, students must complete a program planned in cooperation with and approved by a History Department faculty advisor. The department requires the following:

1. Fulfill the baccalaureate degree requirements as stated beginning on page 19.
2. Required courses (20 credits):
 

World Civilizations (HST 110, 111).....	8
American History and Life (HST 250, 251).....	8
Capstone (HST 415).....	4

 Demonstration of mastery of lower division survey courses without enrolling in HST 110, 111, 250, and 251.  
 Score 3 or higher on the high school Advanced Placement (AP) exams in World History or European history and United States history, or pass the appropriate CLEP exam, or pass standardized exams administered by the history program in world and United States history with scores of 70 percent or better.
3. Three courses from United States History (12 credits):
 

The Constitution and the Supreme Court (HST 388).....	4
The Constitution and the Presidency (HST 389).....	4
American Foreign Relations to 1898 (HST 451).....	4
American Foreign Relations, 1880s to 1945 (HST 452).....	4
American Foreign Relations since WWII (HST 453).....	4
U.S.-Latin American Relations (HST 454).....	4
Colonial America (HST 455).....	4
American Revolution, 1763 to 1800 (HST 456).....	4
Antebellum America (HST 457).....	4
Civil War and Reconstruction (HST 458).....	4
Rise of Industrial America (HST 459).....	4
American West to 1865 (HST 476).....	4
Twentieth-Century United States to the 1950s (HST 481).....	4
Twentieth-Century United States since the 1950s (HST 482).....	4

 Appropriate topical courses from HST 399, 401, 405, 408, and 490.....varies
4. Two courses from three of the following four categories (24 credits):
  - A. TRANSNATIONAL, COMPARATIVE, AND INTERNATIONAL HISTORY
 

World Biography and Autobiography (HST 370).....	4
War in the Modern World (HST 380).....	4
Nazi Germany and Film* (HST 381).....	4
Vietnam War and Film* (HST 382).....	4
Environmental History (HST 421).....	4
Twentieth-Century Revolutions (HST 372).....	4

 Appropriate topical courses from HST 399, 401, 405, 408, and 490.....varies
 

\*Only one film course counts for this category.
  - b. EUROPEAN HISTORY
 

Tudor and Stuart England (HST 305).....	4
England since 1688 (HST 306).....	4
French Revolution and Napoleon (HST 341).....	4
Revolutions and Imperialism (HST 342).....	4
Europe in the Twentieth Century (HST 343).....	4
The Nazi Party and the Third Reich (HST 344).....	4
Imperial Russia (HST 448).....	4
Spain since 1808 (HST 450).....	4
World War I (HST 472).....	4

 Appropriate topical courses from HST 399, 401, 405, 408, and 490.....varies
  - c. AFRICAN OR MIDDLE EASTERN HISTORY
 

Sudanic and Forest States (HST 361).....	4
Colonial Africa (HST 362).....	4
Modern Africa since Independence (HST 363).....	4
Islamic and Arab Expansion, 600 to 1517 (HST 431).....	4
Ottoman Empire (HST 432).....	4
Islamic Middle East since 1914 (HST 433).....	4

 Appropriate topical courses from HST 399, 401, 405, 408, and 490.....varies
  - d. ASIAN OR LATIN AMERICAN HISTORY
 

Pre-Columbian and Colonial Latin America (HST 350).....	4
Mexico, Central America, and the Caribbean since Independence (HST 351).....	4
South America since Independence (HST 352).....	4
China: 1279 to 1900 (HST 395).....	4
China: Twentieth Century (HST 396).....	4
Japan since 1800 (HST 397).....	4
U.S.-Latin American Relations (HST 454).....	4
Modern Mexico (HST 465).....	4

 Appropriate topical courses from HST 399, 401, 405, 408, and 490.....varies
  5. Electives: three additional upper-division history courses (12 credits).
  6. Achieve a 2.5 GPA in all history courses taken at SOU.

### Capstone

History majors who are within 12 credits of completing the history requirements for their bachelor's degree may register for the capstone experience. Students will produce a lengthy and properly documented paper to demonstrate their command of the research process.

## Requirements for the Minor

(28 credits)

One elective in Transnational, Comparative, and International History .....	4
One elective in European History.....	4
One elective in United States History .....	4
One elective in African or Middle Eastern History.....	4
One elective in Asian or Latin American History....	4
Two additional electives in any two areas above.....	8

## History Courses

### LOWER DIVISION COURSES

#### HST 110, 111 World Civilizations

4 credits each

Examines the development of world civilizations. Emphasizes political, economic, social, religious, and cultural factors. Relates earlier patterns of world civilization to present conditions and problems. Includes lecture, discussion of readings, video documentaries, feature film analysis, and small group activities. HST 110: Development of world civilizations from their emergence to 1500 c.e. HST 111: since 1500 c.e. Courses may be taken out of sequence. Approved for University Studies (Explorations).

#### HST 250, 251 American History and Life

4 credits each

Explores United States history and culture from indigenous times to the present. HST 250 begins with indigenous life and culture before European contact and ends with the Civil War and Reconstruction. HST 251 examines industrialization, imperialism, militarism, and consumerism as artifacts of American culture since 1877. Course methods include lecture, discussion of readings and video documentaries. Approved for University Studies (Explorations).

### UPPER DIVISION COURSES

#### HST 305, 306 English History

4 credits each

Provides a general survey of English history from the fifteenth century to the present. Emphasizes major political, economic, constitutional, legal, social, intellectual, and religious developments. HST 305 explores Tudor-Stuart England to 1689. HST 306 examines Britain from 1690 to the present, with attention to Empire and Commonwealth. HST 110, 111, and completion of Social Sciences and Humanities Explorations courses recommended. Prerequisite: Upper division standing.

#### HST 341, 342, 343 Modern Europe

4 credits each

Presents major European political, social, economic, and cultural trends since the French Revolution. HST 341 examines Europe on the eve of revolution, the French Revolution, and the Napoleonic Era. HST 342 focuses on 1815 to 1914. HST 343 explores the years since the outbreak of World War I. Emphasizes the effect of the French Revolution and Napoleon on modern history. Studies the influence of ideologies in the nineteenth and twentieth centuries. May be taken out of sequence. Prerequisites: HST 110, 111.

#### HST 344 The Nazi Party and the Third Reich

4 credits

Examines the rise and fall of Adolf Hitler and the Nazi party between 1919 and 1945 and compares German fascism with similar movements around the world in the twentieth century. Open to all majors. HST 111 (or equivalent) recommended. Prerequisite: Upper division standing.

#### HST 350, 351, 352 History of Latin America

4 credits each

Compares and surveys economic, social, and political developments in Latin America. HST 350 examines pre-Columbian cultures and the Iberian colonial period to 1810. HST 351 surveys the modern economic, social, political, and cultural history of Mexico, Central America and the Caribbean. HST 352 surveys the modern economic, social, political, and cultural history of the nations of South America. HST 110, 111, and completion of Social Sciences and Humanities Explorations courses recommended.

#### HST 361, 362, 363 History of Africa

4 credits each

Surveys the historical development of African societies. Includes topical analyses of Sudanic and forest states, comparative colonial experiences, and politics and societies in modern nation-states. Prerequisite: Upper division standing. Recommended for HST 361: HST 110; Recommended for HST 362 and 363: HST 111 and completion of Social Sciences and Humanities Explorations courses.

#### HST 370 World Biography and Autobiography

4 credits

Examines biography and autobiography as a prism to world history by linking individual lives with social/political conditions and cultural mentalities of societies to understand Western and non-western worldviews and cultural practices. Assesses the ways biography as a genre can serve as a vital form of history. Explores historical writing by examining innovations in biography, such as collective biography and prosopography, which places it at the forefront of new historical methodology. Open to all majors. Prerequisites: Upper division standing and completion of Social Sciences and Humanities Explorations courses.

#### HST 372 Twentieth-Century Revolutions

4 credits

Assesses historical developments, individuals, and transformations of the twentieth and twenty-first centuries through the prism of revolutions and revolutionary movements. Focuses on revolutions in Mexico (1910 to 1940), Russia (1905 to 1928), China (1911 to 1958), and Cuba (1933 to 1970). Provides a thematic and comparative approach to the study of modern global history. HST 111 or PS 110 (or equivalent) recommended. Prerequisites: Upper division standing and completion of Social Sciences and Humanities Explorations courses. (Cross-listed with PS 372.)

#### HST 380 War in the Modern World

4 credits

Explores and examines the modern history of one of the most common of all human social experiences: war. Explores war and its connection with human aggression; the emotional and psychological experience of war; the professionalism of war; and the roles of public opinion, technology, and medical advances in war. Examines peace movements and other concerted attempts to eliminate war from human history. Prerequisite: Upper division standing.

#### HST 381 Nazi Germany and Film

4 credits

Uses film to approach Nazi Germany while examining the relationship between reality and representation. Promotes the reconceptualization of the boundaries between history and film. Demonstrates how the economic, social, and political conditions of the Nazi era affected the cultural views and beliefs of the German people and the historical interpretations of them and their government. Open to all majors. Prerequisites: Upper division standing and completion of Social Sciences and Humanities Explorations courses.

#### HST 382 Vietnam War and Film

4 credits

Focuses on the impact of popular American motion pictures and major documentaries of the Vietnam War on American history and culture thirty years after the end of the conflict. Promotes critical thinking about the Vietnam War to understand how historical, economic, social, and political conditions affected American cultural values and beliefs. Open to all majors. Prerequisites: Upper-division standing and completion of Explorations sequences in Humanities and Social Sciences. (Cross-listed with PS 382.)

#### HST 388 The Constitution and the Supreme Court

4 credits

Analyzes the Supreme Court as a political and legal institution. Examines the relationship between the Supreme Court and other courts, as well as other branches of government. Includes an examination of recent decisions of the Supreme Court interpreting the Constitution. (Cross-listed with PS 341.)

#### HST 389 The Constitution and the Presidency

4 credits

Examines political and legal disputes involving presidential powers or prerogatives, beginning with the Constitutional Convention of 1787. Charts the development of and changes to the presidency within the American political and constitutional system. (Cross-listed with PS 343.)

#### HST 395 China: 1279–1900

4 credits

Studies political, economic, social, cultural, and religious developments in Chinese civilization from 1279 to 1900. HST 110, 111, and Social Sciences and Humanities Exploration courses recommended.

**HST 396 China: Twentieth Century**

4 credits

Covers political, economic, social, cultural, and religious developments in twentieth-century Chinese civilization. HST 110, 111, and Social Sciences and Humanities Exploration courses recommended.

**HST 397 Japan since 1800**

4 credits each

Analyzes the history of Japan from 1800 to the present. Emphasizes political, economic, social, religious, and cultural institutions. HST 110, 111, and Social Sciences and Humanities Exploration courses recommended.

**HST 399 Special Studies**

Credits to be arranged

**HST 401 Research**

Credits to be arranged

**HST 403 Thesis**

Credits to be arranged

**HST 405/505 Reading and Conference**

Credits to be arranged

**HST 407/507 Seminar**

Credits to be arranged

**HST 408 Colloquium**

Credits to be arranged

**HST 415 History Capstone**

4 credits

History majors who are within 12 credit hours of completing the history requirements for their bachelor's degree may register for the capstone experience. Students will produce a lengthy and properly documented paper to demonstrate their command of the research process.

**HST 421/521 Environmental History**

4 credits

Examines the historical relationship between the earth and human societies in Europe, Africa, Asia, and the Americas from earliest times to the present. Combines lecture, video presentations, and discussion. Prerequisite: Upper division standing.

**HST 431, 432, 433 Islamic Middle East**

4 credits each

HST 431 covers the rise of Islam and Arab expansion in the Middle East, North Africa, Persia, India, and Spain, 600 to 1517 c.e. HST 432 examines the rise and decline of the Ottoman Empire in the Middle East, North Africa, and Europe, as well as the advent of European imperialism in the region to 1914. HST 433 explores the Middle East since 1914, emphasizing such themes as independence and decolonization, state formation, Zionism, Islamic fundamentalism, and the Arab-Israeli conflict. Prerequisites: HST 110, 111.

**HST 448 Imperial Russia**

4 credits

Provides in-depth examination of Russia from the time of Peter the Great in 1682 to the end of the Czarist Russia in World War I and the 1917 Bolshevik Revolution. Major themes include

westernization and expansion under Peter and Catherine the Great, as well as Alexander I and the Napoleonic Wars. Analyzes relations with Britain on the "Eastern Question" and the Crimean War, abolition of serfdom, industrialization, and failure to reform at the time of the Russo-Japanese War, as well as rising nationalism on the eve of World War I and the revolution and collapse of the Romanov Dynasty. HST 110, 111, and completion of Social Sciences and Humanities Exploration courses recommended. Prerequisite: Upper division standing.

**HST 450 Spain since 1808**

4 credits

Examines the economic, social, political, and cultural history of Spain in the nineteenth and twentieth centuries. Covers the French invasion and the most recent democratic period, including topics such as the Isabelline regime and the consolidation of Spanish liberalism and constitutionalism, the Civil War, and the Franco era. Investigates how Spanish history reflects the broader framework of the European experience. Examines the problems of industrialization, modernity, mass political mobilization, and the post-World War II transformation of European society. HST 111 recommended. Prerequisites: Upper division standing and completion of Social Sciences and Humanities Explorations courses.

**HST 451, 452, 453 American Foreign Relations**

4 credits each

Surveys the international affairs of the U.S., analyzing political, economic, strategic, and ideological factors. HST 451 covers the diplomacy of independence, free trade, civil war, and continental expansion; HST 452 explores imperialism, isolation, and world war; and HST 453 studies the Cold War and global commitments. HST 250, 251, or PS 110 or equivalents and completion of Social Sciences and Humanities Exploration courses recommended. (HST 453 cross-listed with PS 450.)

**HST 454 U.S.-Latin American Relations**

4 credits

Examines the history of relations between Latin American nations and the United States, focusing on the last half of the twentieth century. Focuses on the impact of Latin America's nationalist, anti-imperialist, class, racial, and economic struggles on foreign relations, while recognizing the asymmetrical hegemonic relationships between the United States and other nations in the hemisphere. Analyzes American policies in terms of the domestic and global contexts within which leaders defined national economic, strategic, and ideological interests and their regional policy objectives. HST 111, 251, or PS 110 or equivalents recommended. Prerequisites: Upper division standing and completion of Social Sciences and Humanities Exploration courses. (Cross-listed with PS 454.)

**HST 455 Colonial America**

4 credits

Explores British and French settlement and colonial development in North America to 1763. Prerequisite: Upper division standing.

**HST 456 American Revolution, 1763–1800**

4 credits

Investigates the British imperial crisis and the American movement toward war and independence, the background and controversy regarding the Constitution, critical issues during the 1790s, and the emergence of political parties. Prerequisite: Upper division standing.

**HST 457 Antebellum America**

4 credits

Traces United States history during the antebellum (before the war) period (1800 to 1850) from the election of Thomas Jefferson to the aftermath of the war with Mexico. Examines the development of democracy in American life, the westward expansion of the United States, and the subsequent divergence of Northern and Southern interests. Prerequisite: Upper division standing.

**HST 458 Civil War and Reconstruction**

4 credits

Analyzes the causes, nature, and effects of the American Civil War and its reconstruction aftermath. Provides an overview of the military aspects of the war and traces the social, political, and economic changes brought about by what historians have called the "Second American Revolution." Prerequisite: Upper division standing.

**HST 459 Rise of Industrial America**

4 credits

Covers political, economic, and social history from the end of the Reconstruction (1877) to 1920. Emphasizes industrialization, labor movements, agrarian problems, populism, and the emergence of the United States as an urban nation and world power. HST 251 recommended. Prerequisite: Upper division standing.

**HST 465 Modern Mexico**

4 credits

Designed to give an overview of the economic, social, political, and cultural history of Mexico from the era of independence (roughly 1810) to the present. Includes lectures that outline basic theoretical models for analyzing historical trends. Presents a basic chronological historical narrative combined with a discussion of targeted primary and secondary works. HST 111 or PS 110 recommended. Prerequisites: Upper division standing and completion of Social Sciences and Humanities Exploration courses.

**HST 472 World War I**

4 credits

Explores the history of the first of two "world wars" in the twentieth century. Addresses themes such as European competition and tensions that led to war, the role of modern technology on the scale and severity of the war, the mass mobilization of the civilian economy, and attempts to end the war through diplomatic means. Examines the impact of the "Great War" on future developments in Europe and around the world. HST 111 recommended. Prerequisite: Upper division standing.

**HST 476 American West**

4 credits

Explores the history of the Trans-Mississippi West. Examines ancient and native civilizations, the Spanish empire, westward expansion of Anglo Americans, construction of railroads, irrigation development, and industrialization in the twentieth century. HST 250 and 251 or equivalents recommended. Prerequisite: Upper division standing.

**HST 481, 482 Twentieth-Century United States**

4 credits

Advanced examination of the "American century." HST 481 explores the American involvement in the first World War, the boom and bust of the 1920s, the New Deal, World War II, and the early years of the atomic era. HST 482 explores the Eisenhower presidency, the 1960s, Nixon and Watergate, the "malaise" of the 1970s, the Reagan-Bush era of the 1980s and early 1990s, and the Clinton presidency to the end of the century. HST 251 or equivalent recommended. Prerequisite: Upper division standing.

**HST 484/584 Topics in American History**

4 credits

Analyzes a major historical issue or topic in American history. The focus of the course changes each time. May be repeated for credit with varying topics.

**HST 485 Topics in Latin American History**

4 credits

Analyzes a major issue in Latin American history. Topic changes each time the course is offered. May be repeated for credit with varying topics. Prerequisite: Upper division standing.

**HST 486 Topics in Ancient Mediterranean History**

4 credits

Examines a major historical issue or topic in Ancient Mediterranean history. The focus of the course changes each time. May be repeated for credit with varying topics. Topics include: Alexander the Great, the Julio-Claudian Emperors, Julius Caesar, and Historical Films of the Ancient Mediterranean. Prerequisite: HST 110.

**HST 487 Topics in European History**

4 credits

Analyzes a major historical issue or topic in European history. The focus of the course changes each time. May be repeated for credit with varying topics. Topics include: European Expansion and Interaction, World War I, and Hitler and the Third Reich. Prerequisites: HST 111, 112.

**HST 488 Topics in Middle Eastern History**

4 credits

Covers a major historical issue or topic in Middle-Eastern history. The focus of the course changes each time. May be repeated for credit with varying topics. Topics include: Egypt under the British, Israel and Palestine, and the Legacy of Colonialism. Prerequisites: HST 111, 112.

**HST 489 Topics in African History**

4 credits

Analyzes a major historical issue or topic in African history. The focus of the course changes each time. May be repeated for credit with varying topics. Topics include: Dictatorship in the Postcolonial Period, Comparative Imperial Systems, and the Legacy of Colonialism. Prerequisites: HST 111, 112.

**HST 490 Topics in World History**

4 credits

Analyzes a major historical issue or topic in world history. The focus of the course changes each time. May be repeated for credit with varying topics. Topics include: Empires, Colonialism, Atlantic World, Industrialization, Revolutions, and Environmental History. Prerequisites: HST 110, 111, 112.

**Interdisciplinary Options**

SOU offers several established interdisciplinary majors and minors, as well as the option to create an independent interdisciplinary major. Students may select from a list of established interdisciplinary majors, such as business-chemistry, business-mathematics, business-physics, environmental studies, human service, international studies, mathematics-computer science, and music-business. Established interdisciplinary minors are available in applied multimedia, Native American studies, Shakespeare studies, and women's studies.

Students may also propose independent interdisciplinary majors from two or more majors, programs, or schools. Independent interdisciplinary majors must be planned with the assistance of a faculty advisor.

**Independent Interdisciplinary Major**

Independent interdisciplinary majors provide considerable flexibility for combining the study of several academic disciplines to create a single major. The independent interdisciplinary major enables the student to reflect and act on how such a combination of the chosen disciplines enhances one's educational and professional goals. Almost all of the academic disciplines available at the University may be used in this interdisciplinary degree structure, but departments and programs retain the authority to determine which courses may be used to shape these interdisciplinary majors.

The independent interdisciplinary degree typically includes coursework from two or more academic departments/programs. Students must choose two of these as departments/programs of emphasis. Students then work with an advisor to draft a letter outlining the courses they will take to complete their interdisciplinary major. This letter of agreement is kept on file by the registrar.

**Degrees**

BA or BS in Interdisciplinary Studies

**Requirements for the Major**

Students must complete the following requirements for the major and the general degree requirements (see *Baccalaureate Degree Requirements*).

1. Complete 90 or more credits (at least 48 of which must be upper division) from two or more programs chosen from the following areas: art, biology, chemistry, communication, computer science, criminology and criminal justice, economics, education, English and writing, foreign languages, health and physical education, history, human service, international studies, mathematics, music, Native American studies, philosophy, physics, political science, psychology, Shakespeare studies, sociology and anthropology and women's studies.

2. Select a department or program of emphasis. The department or program of emphasis is responsible for providing academic advising and ensuring that all requirements are completed. Students must complete at least 30 credits for the department or program of emphasis, including 24 credits of upper division coursework from a list designated by the department or program and approved by the department chair or program director, as well as at least 12 upper division credits in each of the remaining areas.

3. Independent interdisciplinary majors must write a brief letter explaining the rationale for requesting an independent interdisciplinary major. The letter should explain how an independently designed interdisciplinary major would best suit the student's purposes for study. The letter should be addressed to the department chair or program director from which the majority of the student's courses will be selected. Students must also share the letter with the department chair(s) or program director(s) in their secondary area(s) of emphasis.

4. Complete the writing component for the department of emphasis.
5. Students who are interdisciplinary majors must have a planned program and a chosen department or program of emphasis by the time they have completed 121 credits.
6. Complete the capstone experience for the departments or programs of emphasis or develop an alternative approved by the chair or program director of the departments or programs of emphasis. Students who plan to pursue the alternative option must file an approved plan with the department chair or program director in the primary area of emphasis.

7. Maintain the minimum GPA for the chosen interdisciplinary degree. The minimum GPA for the interdisciplinary degree is the minimum GPA for the department of emphasis. Where the area of emphasis is a program rather than a department, the minimum GPA is 2.5, unless the GPA is set higher by an authorized committee in the program of emphasis.

## Advising

Students should consult the department of primary concentration. The department of emphasis is responsible for providing academic advising and ensuring that all requirements are completed.

## International Studies

Taylor 121  
541-552-6281

Coordinator: John Richards

The international studies program is part of the Social Sciences, Policy, and Culture Department. International studies explores global events and the origins of contemporary conditions from an interdisciplinary perspective. Students develop critical thinking skills and a more sophisticated understanding of contemporary economic and political affairs grounded in a cultural, historical, and social context. A combination of academic and experiential learning is encouraged, especially participation in study abroad and international internships. Students select a regional emphasis that reflects their interests and provides a focus for applying theory and concepts. The program requirement of second-language skills further expands students' worldviews and enriches their cultural understanding.

A major in international studies prepares students for creative work in an increasingly globalized world, including careers in government service, business, law, journalism, social services, and teaching. International studies also provides a broad foundation for graduate study in a variety of social science, interdisciplinary, and regional studies programs.

Majors must work closely with the program coordinator to develop language proficiencies, select courses to meet major requirements, and plan study abroad and internship experiences. Students should note that most upper division courses have prerequisites, and many are taught on a rotating schedule.

## Degrees

BA or BS in International Studies

## Minors

International Studies  
Latin American Studies

## Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Maintain a 2.5 GPA in all courses taken for the major. Note: Coursework in the major is to be taken for a letter grade (not P/ NP).
3. Complete the required core courses in the international studies major, satisfy the language requirement, and complete the upper division requirements in International Political Economy, as well as Regional and Country Studies.

Required core courses ..... 20  
Language ..... 0-36

International Political Economy courses ..... 16  
Regional and Country Studies courses ..... 16  
Total ..... 52 (plus language credits)

Note: Many upper division courses have disciplinary prerequisites. Students must carefully plan ahead to ensure they are able to meet them. Lower division prerequisites may include: ANTH 213; EC 201, 202; GEOG 107 or 206; ES 111, 112, or 210; HST 110, 111; PS 110; SOC 204. Upper division prerequisites may also be required for some courses.

## Core Courses

(20 credits)

International Scene (IS 250) or Cultural Anthropology: Perspectives on Humanity (ANTH 213) ..... 4  
Introduction to the International Economy (IS 320) ..... 4  
World Politics (IS 350) or Global Issues in Politics, Population, Development, and the Environment (IS/GEOG 360) ..... 4  
Capstone (IS 498) ..... 4  
Research Methods\* ..... 4

\*The Research Methods requirement is met by successful completion of one of the following courses:

Introduction to Social Research Methods (SOC 326) ..... 4  
Quantitative Data Analysis (SOC 327) ..... 4  
Ethnographic Research Methods (ANTH 360) ..... 4  
Exploratory Data Analysis (EC 232) ..... 4  
Quantitative Research Methods (EC 332) ..... 4  
Environmental Data Analysis (GEOG 386) ..... 4  
Research Methods (PS 398) ..... 4

## Language

(0-36 credits)

Students must demonstrate proficiency in a second language equivalent to at least three years of instruction at the college level. For students whose first language is English, competency is demonstrated in one of the following ways:

1. Three years of on-campus foreign language study in a single language.
2. Two years of on-campus foreign language study, plus a year of immersion in a related foreign culture in a study abroad program.
3. One year of on-campus language study, plus a one-year study abroad program with an intensive language component in the chosen language.
4. Successful completion of an examination administered by the SOU foreign languages and literatures program.

Entering majors whose native language is English must meet with a foreign language and literatures advisor to plan their foreign language curriculum. For students whose primary language is not English, demonstrated competency in English fulfills the language requirement. Required language credits vary depending on language proficiency at time of admission to the major.

## Upper Division Requirements

Students are required to complete 16 upper division credits in International Political Economy and 16 upper division credits in Regional and Country Studies. No more than 12 credits may be taken in one disciplinary prefix overall in these two upper division categories and no more than 8 credits may be drawn from a single disciplinary prefix in each category (no more than 8 credits from a single disciplinary prefix in the International Political Economy component and no more than 8 credits from a single disciplinary prefix in the Regional and Country Studies component).

Note: Many upper division courses have disciplinary prerequisites. Students must carefully plan ahead to ensure that they are able to meet these prerequisites. Lower division prerequisites may include ANTH 213; EC 201, 202; GEOG 107; HST 110, 111, 112; PS 110; and SOC 204. Upper division prerequisites may also be required for some courses.

## International Political Economy

(16 credits, no more than 8 credits in one disciplinary prefix)

Ritual and Religion (ANTH 332) ..... 4  
Gender Issues (ANTH 340) ..... 4  
Cultural Change (ANTH 450) ..... 4  
Ecology of Small-Scale Societies (ANTH 451) ..... 4  
Cultural Rights (ANTH 464) ..... 4  
Ethnobotany and Cross-Cultural Communication (BI 384) ..... 3  
International Marketing (BA 447) ..... 4  
International Financial Management (BA 473) ..... 4  
International Business (BA 477) ..... 4  
International Communication (COMM 441) ..... 4  
Topics in Communication: Culture, Identity, and Communication (COMM 460C)\* ..... 4  
Comparative Criminal Justice (CCJ 460) ..... 4  
International Trade and Finance (EC 321) ..... 4  
Economic Development (EC 379) ..... 4  
Population, Development, and the Environment (GEOG 360) ..... 4  
Twentieth-Century Revolutions (HST 372) ..... 4  
War in the Modern World (HST 380) ..... 4  
World War I (HST 472) ..... 4  
Topics in World History (HST 490) ..... 4  
Native American Topics: Historical (NAS 368) ..... 4  
Native American Topics: Contemporary (NAS 468) ..... 4  
The Politics of Mass Media (PS 310) ..... 4  
Seminar (PS 407)\* ..... 4  
Global Culture and Media (SOC 333) ..... 4  
Sociology of Globalization (SOC 345) ..... 4  
Social Inequality (SOC 434) ..... 4  
Social and Cultural Change (SOC 450) ..... 4  
International Women's Movements (WS 301) ..... 4

\*Topics must be preapproved. Preapproved topics include Communication and Technology; Communication and Third-World Development; and Culture, Identity, and Communication. See the program coordinator for other topics.

\*\*If course content applies. Instructor consent required.

## Regional and Country Studies

(16 credits, no more than 8 credits in one disciplinary prefix)

American Culture (ANTH 310) ..... 4  
Pacific Cultures (ANTH 317) ..... 4  
Native North America (ANTH 318) ..... 4

Cultures of the World (ANTH 319) .....	4
Special Studies: Anthropological Perspectives on the Native American Frontier (ANTH 334) ...	4
America in the Global Economy (EC 389).....	4
French Culture, Composition, and Conversation (FR 314, 315, 316).....	4
Topics in French Literature (FR 426).....	4
Noncontinental Francophone Literature (FR 427)...	4
Topics in French Culture (FR 428).....	4
German Culture, Conversation, and Composition (GL 301, 302, 303) .....	4
Topics in Contemporary Hispanic Literature and Society (SPAN 425).....	4
Topics in Hispanic Culture (SPAN 441) .....	4
Class, Culture, and Feminism in Victorian and Edwardian England (ENG 341).....	4
Topics in World Literature (ENG 455).....	4
American Multicultural Literature (ENG 454) ....	4
Postcolonial Literature and Theory (ENG 457)....	4
Geography of Latin America (GEOG 330).....	4
Geography of East and Southeast Asia (GEOG 336).....	4
Geography of Central and Southwest Asia (GEOG 338) .....	4
English History (HST 306) .....	4
Modern Europe (HST 343).....	4
History of Latin America (HST 352).....	4
History of Africa (HST 363) .....	4
Nazi Germany and Film (HST 384).....	4
China: Twentieth Century (HST 396) .....	4
Japan since 1800 (HST 397) .....	4
Environmental History (HST 421) .....	4
Islamic Middle East (HST 432) .....	4
Islamic Middle East (HST 433) .....	4
Hitler and the Third Reich (HST 444) .....	4
Imperial Russia (HST 448) .....	4
Spain since 1808 (HST 450) .....	4
American Foreign Relations (HST 453).....	4
U.S. Latin American Relations (HST 454).....	4
Modern Mexico (HST 465).....	4
Topics in Latin American History (HST 485) .....	4
Topics in European History (HST 487).....	4
Topics in Middle Eastern History (HST 488).....	4
Topics in African History (HST 489).....	4
U.S. Foreign Policy (PS 450).....	4
Contemporary Issues in Native North America (SOC 338).....	4

## Minors

### International Studies Minor

(28 credits)

Students working toward a minor in international studies are required to register with an international studies advisor.

Required courses:

International Scene (IS 250) or Cultural Anthropology (ANTH 213).....	4
World Politics (IS 350) or Global Issues in Politics, Population, Development, and the Environment (IS/GEOG 360).....	4

Electives:

Upper division electives (20 credits) taken from at least three disciplinary prefixes, drawn from the courses listed under the upper division requirements.

### Latin American Studies Minor

(24 credits)

Latin American studies is an interdisciplinary, regionally focused minor with a social science emphasis. Students examine aspects of Latin American geography, history, society, economics, politics, and culture to form an integrated understanding of the region. The holistic regional focus provides a valuable support to majors in international studies, Spanish language and culture, and the social sciences, as well as students pursuing careers in education and international business.

Requirements for the minor: 24 upper division credits in at least three disciplinary prefixes.

Required courses:

Geography of Latin America (GEOG 330).....	4
Choose two Latin American history courses (HST 350, 351, 352, 454, 465, or 485) .....	8

Electives:

Select 12 credits from the following:

World Politics (IS 350) or Global Issues in Politics, Population, Development, and the Environment (IS/GEOG 360) .....	4
Cultures of the World (Latin American topic only) (ANTH 319) .....	4
Ritual and Religion (ANTH 332) .....	4
Global Culture and Media (SOC 333) .....	4
Sociology of Globalization (SOC 345) .....	4
Introduction to the International Economy (EC 320/IS 320).....	4
Economic Development (EC 379) .....	4
Topics in Latin American History (HST 485) .....	4
Culture Change/Social and Cultural Change (ANTH 450/SOC 450) .....	4

Note: With permission of the program coordinator, students may select appropriate 399, 405, and 407 courses in the social sciences. All papers written in elective courses must be on Latin American topics. The minor permits a maximum of 12 credits in history.

## International Studies Courses

### LOWER DIVISION COURSES

#### IS 250 International Scene

4 credits

Examines current international relations and global issues. Explores why nations go to war and how war might be prevented. Introduces students to changing world affairs. Approved for University Studies (Explorations.)

### UPPER DIVISION COURSES

#### IS 320 Introduction to the International Economy

4 credits

Explores global economic relations in the historical and political context of current issues. Focuses on the economic interdependence of nations. Prerequisites: EC 201, 202.

#### IS 350 World Politics

4 credits

Examines the nature and structure of the modern international state system, with reference to theory and practice. Emphasizes globalization and the impact of international developments

on domestic politics. Approved for University Studies (Integration). Cross-listed with PS 350.

### IS 360 Global Issues in Politics, Population, Development, and the Environment

4 credits

Examines contemporary global issues and investigates the roles played by cultural values, technologies, infrastructure, and sociopolitical organizations as intermediaries between human population growth, poverty, and environmental degradation. Provides the conceptual tools to formulate questions about how human societies choose to invest wealth in population growth, consumption, economic growth, or environmental preservation. Term projects require students to identify a significant and specific case relating population growth to economic development and environmental degradation and to recommend action goals. Approved for University Studies (Synthesis/Integration). (Cross-listed with GEOG 360.)

### IS 398 Research Methods

4 credits

Introduces the basic techniques of political science research and writing. Incorporates the Internet and government documents. Meets the computer literacy requirement for political science and international studies majors.

### IS 401/501 Research

Credits to be arranged

### IS 403/503 Thesis

Credits to be arranged

### IS 405/505 Reading and Conference

Credits to be arranged

### IS 407/507 Seminar

Credits to be arranged

### IS 409/509 Practicum

Credits to be arranged

### IS 450/550 U.S. Foreign Policy

4 credits

Explores the formulation and conduct of U.S. foreign policy from World War II to the present. Prerequisite: IS 350.

### IS 498 Capstone

4 credits

A capstone experience in which students demonstrate knowledge of global and regional international affairs. Students prepare a résumé and portfolio showcasing their skills, which may include research and writing, study abroad experiences, and SOU service.

## Land Use Planning

541-552-6786

Pat Acklin, Coordinator

The land use planning minor is part of the geography program and Environmental Studies Department. For course descriptions, see the *Geography and Environmental Studies* sections.

### Land Use Planning

(28 credits)

Intended for students interested in land use planning careers.

Physical Environment I or II (ES 111 or 112) .....	4
Introduction to Geography or	
Human Geography (GEOG 101 or 107).....	4
Maps, Cartography, and Geospatial	
Technology (GEOG 349).....	4
Maps, Cartography, and Geospatial	
Technology (ES/GEOG 349).....	5
Urban Environments (GEOG 350).....	4
Land Use Planning (GEOG 439) .....	4
Planning Issues (GEOG 440) .....	4

Select one upper division elective from the following:

Geomorphology (GEOG 481).....	4
Climatology (GEOG 482).....	4
Introduction to Geographic Information	
Systems (GEOG 451).....	4

## Language, Literature, and Philosophy

Central 261

541-552-6181

Charlotte Hadella, Chair

The faculty of Language, Literature, and Philosophy represent three academic programs: foreign languages and literatures, English and writing, and philosophy. While advocating the virtues of interdisciplinary study, the department is committed to promoting the integrity of individual disciplines.

The Department of Language, Literature, and Philosophy offers majors and minors in literary studies, English education, creative writing, professional writing, and Spanish and French language and culture. The department offers minors in philosophy, and German. At the graduate level, the department also offers a Summer Language Institute (SLI) through the SOU Center for Language Studies. The department also hosts the Oregon Writing Project (OWP) Summer Institute, a major component of SOU's collaborative work with the National Writing Project.

## Mathematics

Central 227

541-552-6141

Kemble Yates, Chair

Professors: Sherry Ettlich, , Dusty E. Sabo,

    Kemble Yates

Associate Professors: Lisa Ciasullo, Curtis Feist,

    Daniel Kim, Irving Lubliner

Instructors: Larry Shrewsbury

Emeritus Faculty: John J. Engelhardt,

    John D. Whitesitt

All mathematics courses are designed to improve students' abilities to think, analyze, and communicate, and, in particular, to use mathematics to express, define, and answer questions about the world. The bachelor's degree program nurtures these abilities while building a solid base in mathematics—a combination highly valued by business, government, industry, and graduate programs in a variety of fields.

The department's primary concern is the development of each student's confidence in using mathematical ideas, approaches, and exposition. Key coursework hones the learner's abilities to critically understand and use mathematics. One of the program goals is to make direct connections between mathematics and the contemporary environment.

### Degrees

BA or BS in Mathematics

BA or BS in Mathematics with Honors in Mathematics

### Co-Majors

Business-Mathematics

Mathematics-Computer Science

### Minors

Mathematics

Mathematics Education

### Accelerated Baccalaureate Degree Program

Mathematics majors may participate in the Accelerated Baccalaureate Degree Program.

Please refer to the *Accelerated Baccalaureate Degree Program* section.

### Mathematics Placement Testing

To help students determine the mathematics courses that best meet their needs, the Mathematics Department uses a computerized placement test and encourages students to meet with a mathematics faculty member for individual advising. New students are required to take the mathematics placement test. Please contact Academic Advising and Support Services to find out when upcoming placement testing sessions are scheduled.

Some students, however, may qualify for a transfer placement waiver. Students with prior college mathematics coursework should meet with the department chair to determine whether a waiver is appropriate.

The computer system checks prerequisites when processing a student's request to register for a mathematics course. Students must have a

C- or better in the prerequisite course or the appropriate SOU mathematics placement level to register. On rare occasions, a student may have a reasonable substitution for the stated prerequisite. In those situations, the student should see the department chair for clearance before trying to register for the course.

### Curriculum for Nonmajors

The lower division curriculum offers a variety of choices for nonmajors. Consult your advisor or the Mathematics Department to select courses that match your background and goals. Possibilities include:

Liberal arts majors wanting a solid mathematics core should consider MTH 251, 252, 261, and 311.

Prospective elementary and middle school teachers should take MTH 211, 212, 213.

Physical science majors should consult their advisors and consider MTH 251, 252, 253, 261, 281, 321, 361, 421, and 461.

For breadth, others should consider MTH 105, 158, or 243; for more depth, consider MTH 111, 112, and 251, 252.

Majors in any discipline who would like substantial training in applied mathematics can choose from blocks of courses in applied mathematics (MTH 321, 421) and probability and statistics (MTH 361, 461).

Many upper division courses also serve nonmajors.

Prospective elementary, middle school, and high school teachers may select topics in mathematics education (MTH 481/581).

### Enrichment Courses

All students are encouraged to take advantage of the available enrichment courses.

Mathematical Perspectives (MTH 290) presents mathematics as a way of thinking and a body of knowledge important to the development of civilization and the concerns of modern society.

The Mathematical Contest in Modeling is an opportunity for students with suitable backgrounds to compete in a nationwide competition. Teams of three students prepare several weeks in advance for the weekend contest. The contest involves writing up a solution to an open-ended problem to which mathematics may be applied.

### Choosing a Major

Students who wish to major in mathematics should see the department chair to sign up for the major and be assigned an advisor for help with academic and career planning.

All majors take a common core of courses that includes two important coordinating courses: Mathematical Perspectives (MTH 290), which introduces prospective majors to the scope and role of mathematics in the world, and the Senior Colloquium (MTH 490), which helps graduating seniors integrate the diverse elements of their mathematics studies. Majors develop a common knowledge base and maturity in the study of mathematics, with topics courses providing senior-level studies in important areas of mathematics.

## Transfer Students

Transfer students will have full junior standing in the mathematics major if they transfer in the following courses: an approved computer science language (such as Visual BASIC, C++, or Java), a full year of single-variable calculus, and one term of linear algebra. One term of lower division statistics is also recommended.

## Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
  - a. Students meeting the core curriculum requirements and the mathematics major requirements automatically meet the BS requirements.
  - b. Students wishing to receive a BA should pay careful attention to the additional requirements listed on page 20.
2. Complete core curriculum requirements beginning on page 20 or, if qualified, the University Studies requirements for transfer students beginning on page 20. Mathematics majors meet the writing and research requirements by successfully completing three required courses: Mathematical Perspectives (MTH 290), Number Structures (MTH 311), and Senior Colloquium (MTH 490).
3. Complete the required courses specified below.
4. All courses required for the major must be taken for a grade. No more than two of the upper division requirements may be met with a grade below C-.
5. Complete the capstone.

## Required Courses

### COMPUTER SCIENCE

(3–4 credits)

Must complete by the end of the sophomore year with a grade of C- or better. Select one course from:

Computer Science I (CS 200) .....	4
Computer Science II (CS 257) .....	4
Computer Applications in Chemistry (CH 371) ....	3
Computer Methods (PH 380/ENGR 373) .....	3

### LOWER DIVISION CORE COURSES

(22 credits)

Calculus I, II, III, IV (MTH 251, 252, 253, and 281)...	16
Linear Algebra (MTH 261).....	4
Mathematical Perspectives (MTH 290).....	2

### UPPER DIVISION SEQUENCES

(39–41 credits)

1. Foundations: Number Structures (MTH 311) and Geometry (MTH 411).....	9
2. Analysis: Introduction to Real Analysis (MTH 331) and one term of Topics in Analysis (MTH 431).....	8
3. Abstract Algebra: Introduction to Algebraic Systems (MTH 341) and one term of Topics in Abstract Algebra (MTH 441).....	8
4. Probability and Statistics: Probability (MTH 361) and Statistics (MTH 461).....	8

- 5a. Differential Equations (MTH 321) and one term of Topics in Applied Mathematics (MTH 421).... 8  
*or*
- 5b. Any two distinct topics of Topics in Middle School and High School Mathematics (MTH 481) .....

## Capstone Experience

(4 credits)

The capstone project is completed by taking the Senior Colloquium (MTH 490) over three terms, usually the fall, winter, and spring terms prior to graduation. The Senior Colloquium allows students to draw on their mathematical background while investigating a topic not readily available in the curriculum. Students research the topic in conjunction with a faculty mentor. As part of the capstone, students produce a final paper and make an oral presentation to a general audience of faculty and mathematics students. One outstanding student is selected to present his or her capstone project at the School of Sciences Undergraduate Research Symposium.

## Mathematics Honors Program

Graduation with honors in mathematics is attained by completing the department's honors program. In their junior year, students must successfully petition the Honors Committee for admission to the honors program. Honors students work with a faculty mentor while independently studying an advanced mathematical topic and preparing an expository thesis (MTH 401 for 8 credits and MTH 403 for 4 credits). In addition, students must complete differential equations (MTH 321), as well as two topics from abstract algebra (MTH 441) and either a second MTH 431 topic or a MTH 421 topic beyond what is needed to complete the major. Honors graduates must have a 3.25 GPA in mathematics and a 3.00 overall GPA. Students completing the honors program may have their projects accepted in lieu of the Senior Colloquium (MTH 490).

## Minors

### Mathematics

(26–28 credits)

Calculus I, II (MTH 251, 252).....	8
Linear Algebra (MTH 261).....	4
Mathematical Perspectives (MTH 290).....	2
Upper division mathematics .....	12–14

### Mathematics Education

(27 credits)

Fundamentals of Elementary Mathematics I, II, III (MTH 211, 212, 213)‡ .....	12
Any five distinct MTH 481 Topics in Middle School and High School Mathematics .....	15

\*Only one of the upper division requirements may be met with a grade below C-.

†Must include three upper division courses of 4 credits or more. Students may substitute two MTH 481 courses for one of those courses.

‡Students who have taken at least one of the following courses—MTH 251, 252, 253, 261, or 281—may apply for the alternative 12-credit package: 1) substitute a MTH 409 Practicum in which the student assists an instructor in planning and delivering a MTH 211, 212, or 213 course, and 2) additionally substitute one or two courses taken from MTH 251, 252, 253, 261, or 281.

ning and delivering a MTH 211, 212, or 213 course, and 2) additionally substitute one or two courses taken from MTH 251, 252, 253, 261, or 281.

## Affiliations

The Mathematics Department is a member of the American Mathematics Society, the Mathematical Association of America, and the Society for Industrial and Applied Mathematics. These organizations are actively committed to advancing mathematics and maintaining the currency of college mathematics programs.

## Facilities

The department is committed to using technology to enhance student learning. The Computing Services lab is equipped with software specific to mathematics coursework.

The Harry S. Kieval Memorial Mathematics Education Laboratory is well-stocked with materials available for use by regional educators, preprofessional education students, and students in mathematics education courses.

Located near faculty offices, the Mathematics Study Room provides a space where students may gather regularly to study and socialize. It is equipped with lockers, three computer stations, and a variety of other supplies.

## Teacher Licensing

Students who would like to teach math at the middle school or high school level in Oregon public schools must complete specific course requirements in mathematics before applying for admission to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the department chair regarding mathematics requirements and the assignment of an advisor and the School of Education regarding admission requirements for the MAT program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Practica, internships, and volunteer experiences working with children in the public schools are required prior to application to the MAT program.

Students who wish to teach mathematics at the high school level in Oregon public schools need an Advanced Mathematics Endorsement. The specific course requirements in mathematics are roughly equivalent to the mathematics major at SOU, with three 300-level courses and four 400-level courses. These courses should be completed before applying for admission to the MAT program at SOU. Contact the Mathematics Department chair to obtain the current course listing and a mathematics advisor. All SOU mathematics majors meet these requirements, provided they select the MTH 481 courses for their applied area.

Students who would like to teach mathematics at the middle school level in Oregon public schools should pursue a Basic Mathematics Endorsement. The specific course requirements in mathematics total 27 credits and comprise coursework applicable to both intermediate and middle school teaching. The elementary/middle school licensure requires 12 of these credits, plus an additional 15 credits to add

the Basic Mathematics Endorsement. These courses should be completed before applying for admission to the MAT program. Students completing these courses as part of the undergraduate degree at SOU are eligible for a minor in mathematics education. Contact the Mathematics Department chair to obtain the current course listing and a mathematics advisor.

### Mathematics Courses

All math course prerequisites must be met with a grade of C- or better.

#### LOWER DIVISION COURSES

##### MTH 60 Beginning Algebra

4 credits

Builds an understanding of the language of mathematics. Provides exercises in simplifying, graphing, and evaluating expressions involving fractions, negatives, exponents, and variables. Other concepts and topics include absolute value, scientific notation, simple interest, area, and volume. Introduces translation of textual statements into algebraic statements, as well as graphing and the creation of algebraic tables. Includes the use of a graphing calculator. Does not apply toward graduation requirements. Prerequisite: Appropriate SOU placement level.

##### MTH 65 Elementary Algebra

4 credits

Uses graphical, algebraic, and numeric methods to solve linear equations and inequalities in one and two variables. Applies mathematics to real-world settings. Includes the use of a graphing calculator. Does not apply toward graduation requirements. Prerequisite: MTH 60 or appropriate SOU placement level.

##### MTH 95 Intermediate Algebra

4 credits

Bridges courses that satisfy the Quantitative Reasoning University Studies requirement with courses leading up to the calculus track. Focuses on simplifying, evaluating, and solving quadratic equations. Other topics include rational expressions and equations and manipulation of expressions with exponents and square roots. Real-world applications include use of the vertical position formula and the Pythagorean Theorem. Includes the use of a graphing calculator. Does not apply toward graduation requirements. Prerequisite: MTH 65 or appropriate SOU placement level.

##### MTH 105 Contemporary Mathematics

4 credits

Surveys various practical areas of mathematics. Topics include logic, probability and statistics, finance, and dimensional analysis. Emphasizes real-world applications, critical thinking, and the effective communication of mathematical ideas. Approved for University Studies (Quantitative Reasoning). Prerequisite: MTH 95 or appropriate SOU placement level.

##### MTH 111 Precalculus I: College Algebra

4 credits

Develops skills in algebra and deductive thinking in the real-number setting. Uses algebraic and function concepts to solve problems

and analyze applications. Topics include real number properties, absolute value, theory of equations, inequalities, graphs, polynomial and rational functions, and an introduction to complex numbers. Recommended as preparation for Precalculus II (MTH 112). Approved for University Studies (Quantitative Reasoning). Prerequisite: MTH 95 or appropriate SOU placement level.

##### MTH 112 Precalculus II: Elementary Functions

4 credits

Examines exponential, logarithmic, and trigonometric functions and their graphs and applications. Intended as preparation for Calculus I (MTH 251). Approved for University Studies (Quantitative Reasoning). Prerequisite: MTH 111 or appropriate SOU placement level.

##### MTH 158 Elementary Linear Mathematics with Applications

4 credits

Introduces analytic geometry, with an emphasis on linear functions of one or more variables and their graphs. Applications are drawn primarily from the social and management sciences. Topics include lines, planes, systems of linear equations, matrix algebra, and linear programming problems. Credit for MTH 158 is not given to students who have received credit for MTH 261. Approved for University Studies (Quantitative Reasoning). Prerequisite: MTH 95 or appropriate SOU placement level.

##### MTH 199 Special Studies

1 to 4 credits

##### MTH 209 Practicum

Credits to be arranged

##### MTH 211 Fundamentals of Elementary Mathematics I

4 credits

Introduces the theory of arithmetic for prospective teachers. Topics include set theory, numeration, place value, computational algorithms for whole numbers and integers, computational estimation, mental arithmetic, relations and functions, and number theory. Content is taught within a problem-solving framework using calculators and computers as aids. Three hours of lecture and three hours of laboratory. Students entering the next MAT cohort have enrollment priority over other registered and waitlisted students. Approved for University Studies (Quantitative Reasoning) (met after completion of both MTH 211 and 212). Prerequisite: MTH 95 or appropriate SOU placement level.

##### MTH 212 Fundamentals of Elementary Mathematics II

4 credits

Covers rational number arithmetic for prospective teachers. Topics include theory and modeling of fractions, decimals, and percentages; rational and irrational numbers; mental arithmetic and computational estimation; graphing linear and nonlinear functions; and probability and statistics. Content is taught within a problem-solving framework using calculators and computers as aids. Three hours of lecture and

three hours of laboratory. Students entering the next MAT cohort have enrollment priority over other registered and waitlisted students. Approved for University Studies (Quantitative Reasoning) (met after completion of both MTH 211 and 212)). Prerequisite: MTH 211.

##### MTH 213 Fundamentals of Elementary Mathematics III

4 credits

Covers informal geometry and measurement for prospective teachers. Topics include properties of two- and three-dimensional space, the metric system, measurement, estimation, perimeter, area, volume, surface area, congruence motions, similarity motions, and topological motions. Content is taught within a problem-solving framework using calculators and computers as aids. Three hours of lecture and three hours of laboratory. Students entering the next MAT cohort have enrollment priority over other registered and waitlisted students. Prerequisite: MTH 211.

##### MTH 235 Discrete Structures

4 credits

Introduces the mathematical structures fundamental to the study of computer science. Topics selected from sets, functions, combinatorics, statistics, coding theory, logic networks, and Boolean expressions. Prerequisite: MTH 251.

##### MTH 243 Elementary Statistics

4 credits

Emphasizes the basic concepts and techniques of probability, descriptive, and inferential statistics. Topics include describing the distribution of data graphically and numerically, standard scores, normal distribution, empirical rule, sampling distributions, confidence intervals, hypothesis testing of both one and two populations, and linear regression. Introduces appropriate technology to display and analyze data. Appropriate calculators are required. Approved for University Studies (Quantitative Reasoning). Prerequisite: MTH 95 or an appropriate SOU placement level.

##### MTH 244 Applied Inferential Statistics

4 credits

Presents an assortment of tools from inferential statistics with an emphasis on applications. Reviews the concepts of hypothesis testing and confidence intervals. Introduces probability distributions of test statistics for various inferential statistical problems. Includes Analysis of Categorical Data (Chi-Square Goodness of Fit Test), Analysis of Variance (ANOVA), Nonparametric Statistics, and a brief introduction to Multiple Linear Regression. Applies the concepts and procedures with appropriate software tools for data analysis. Prerequisite: MTH 243.

##### MTH 251 Calculus I

4 credits

Introduces limits, continuity, and differentiation. Applications include linear approximation, graphing techniques, and maximum/minimum problems. Students are introduced to writing precise mathematical arguments. Approved for University Studies (Quantitative Reasoning). Prerequisite: MTH 112 or appropriate SOU placement level.

**MTH 252 Calculus II**

4 credits

Introduces integration, developed as a limit of Riemann sums. Covers the first and second forms of the Fundamental Theorem of Calculus, techniques of integration, and numerical integration. Applications are selected from length, area, volume, work, and motion. Students are expected to understand and reproduce precise mathematical arguments. Prerequisite: MTH 251.

**MTH 253 Calculus III**

4 credits

Introduces differential equations, including separation of variables. Other topics include sequences and series, power series representations of functions, and improper integrals. Prerequisite: MTH 252.

**MTH 261 Linear Algebra**

4 credits

Provides the basic linear algebra necessary for multivariable calculus, differential equations, and abstract algebra. Develops skills for constructing rigorous mathematical proofs. Topics include finite dimensional vector spaces, matrices, linear transformations, and eigenvalue problems. Prerequisite: MTH 252.

**MTH 281 Calculus IV**

4 credits

Applies the concepts of limit, continuity, differentiability, and integrability to multivariate and vector-valued functions. Topics include the study of motion, partial derivatives, and multiple and line integrals. Prerequisites: MTH 252; MTH 261 or PH 221.

**MTH 290 Mathematical Perspectives**

2 credits

Seminar that presents mathematics as a way of thinking and a body of knowledge important to the development of civilizations. Explores a variety of mathematical topics and history through guest lectures, reading, writing, and student discussion. Prerequisite: MTH 252 (may be taken concurrently).

**MTH 299 Special Studies**

1 to 4 credits

**UPPER DIVISION COURSES****MTH 311 Number Structures**

5 credits

Studies the essential features of the real number system and the organization of number systems in general. Stresses logical development, precise notation, and written exposition. Includes axiomatic developments, set and function theory, division algorithm, congruence, completeness, Archimedean Principle, denseness, and infinite sets. Prerequisites: MTH 261; WR 122 or USEM 103.

**MTH 321 Differential Equations**

4 credits

Introduces the theory and application of ordinary differential equations. Analyzes problems from the natural and physical sciences, with emphasis on finding and interpreting solutions. Topics selected from separable equations, linear equations, power series solutions, Laplace Transforms, and systems of linear equations. Prerequisite: MTH 253 or PH 371.

**MTH 331 Introduction to Real Analysis**

4 credits

Studies the basic analytic structure of real numbers. Topics include sequences; continuity; uniform continuity; properties of functions on closed, bounded sets; and an introduction to metric spaces. Prerequisites: MTH 253 and 311.

**MTH 341 Introduction to Algebraic Systems**

4 credits

Presents abstract groups to demonstrate the fundamental strategies used to study algebraic structures such as subsystems, morphisms, and quotient systems. Includes a brief overview of some alternative algebraic systems. Prerequisite: MTH 311.

**MTH 361 Probability**

4 credits

Covers the theory and applications of probability. Topics include laws of probability, Bayes theorem, principles of counting, combinatorics, random variables, discrete and continuous probability distributions, and expected values. MTH 243 recommended. Prerequisite: MTH 281.

**MTH 399 Special Studies**

1 to 4 credits

**MTH 401/501 Research**

1 to 4 credits

**MTH 403/503 Thesis**

1 to 4 credits

**MTH 405/505 Reading and Conference**

1 to 4 credits

**MTH 407/507 Seminar**

Credits to be arranged

**MTH 409/509 Practicum**

Credits to be arranged

**MTH 411/511 Topics in Foundations and Geometry**

4 credits each

The following and other topics are offered as needed. Repeat credit is offered for distinct topics.

**Geometry.** An axiomatic development of a variety of geometries. Prerequisite: MTH 311.

**MTH 421/521 Topics in Applied Mathematics**

4 credits each

The following and other topics are offered as needed. Repeat credit is offered for distinct topics.

**Partial Differential Equations.** Introduces diffusion, wave, and Laplace equations; separation of variables; and Fourier series. Prerequisites: MTH 281 and 321.

**Optimization.** Introduces linear programming and nonlinear optimization. Prerequisites: MTH 261; CS 200 or 257.

**MTH 431/531 Topics in Analysis**

4 credits each

The following and other topics are offered as needed. Repeat credit is offered for distinct topics.

**Metric Spaces.** Extends analytic concepts to general metric spaces and mappings. Includes metric topology, convergence, continuity, and compactness. Prerequisite: MTH 331.

**Complex Analysis.** Studies complex numbers, mappings, differentiation, and integration. Prerequisite: MTH 331.

**Integration.** Introduces Lebesque and Riemann integration.

**Infinite Series.** Extends the analysis of infinite series to series of functions. Topics include uniform convergence, power series, and trigonometric series. Prerequisites: MTH 253 and 331.

**MTH 441/541 Topics in Abstract Algebra**

4 credits each

The following and other topics are offered as needed. Repeat credit is offered for distinct topics.

**Groups.** Involves careful study of groups, including normal subgroups, group morphisms, isomorphism theorems, and the Sylow or the equivalent structure theorems. Prerequisite: MTH 341.

**Rings.** Involves careful study of rings, including integral domains, Euclidean domains, and other algebraically related structures. Uses quotient rings, ideals, and ring homomorphisms to establish the existence of solutions to certain polynomials. Prerequisite: MTH 341.

**MTH 461/561 Topics in Probability and Statistics**

4 credits each

The following and other topics are offered as needed. Repeat credit is offered for distinct topics.

**Statistics.** Explores the theory and applications of inferential statistical procedures. Topics include interval estimation and testing for means, variances, proportions, tests of independence and goodness-of-fit, linear regression and correlation, and nonparametric statistics. MTH 243 recommended. Prerequisite: MTH 361.

**MTH 481/581 Topics in Middle School and High School Mathematics**

3 to 5 credits each

The following and other topics are offered as needed. Repeat credit is offered for distinct topics.

**Arithmetic and Algebraic Structures.** Studies the real number system and its subsystems, which leads to the introduction of more general algebraic structures and their applications. Includes applications to middle school mathematics, high school general mathematics, and first-year algebra curriculum. Prerequisite: MTH 212 or 251.

**Concepts of Calculus.** Introduces students to the limit concept and its role in defining the derivative, the integral, and the finite series. Calculus background approved for middle school mathematics teachers. Prerequisites: MTH 212; MTH 213 or 251.

**Experimental Probability and Statistics.** Examines probability and statistics through lab experiments, simulations, and applications. Includes applications to middle school and high school general mathematics curricula. Prerequisite: MTH 212, 243, or 251.

**Informal Geometry.** Focuses on understanding the theory behind selected topics in the high school geometry curriculum. Attention is given to the informal background necessary for appreciation of formal development. Prerequisite: MTH 213 or 251.

**Math and History: Connections.** Explores interesting historical topics to introduce students to the background of important mathematical concepts. Includes applications for middle school and high school mathematics curricula. Prerequisite: MTH 212, 213, or 251.

**Problem Solving.** Introduces a variety of techniques for solving mathematical problems within the framework of Polya's general strategy for problem solving. Problems are taken from many areas, including number theory, geometry, probability, combinatorics, and logic. Includes applications for middle school and high school mathematics curricula. Prerequisite: MTH 211 or 251.

#### MTH 490 Senior Colloquium

1 to 4 credits

A directed project organized around a theme that necessitates a synthesis of a variety of concepts in the undergraduate mathematics curriculum. Includes a major writing component. Prerequisites: Senior standing in the mathematics major, MTH 311, and completion of at least two of the upper division sequences required for the major.

#### Mathematics-Computer Science

Kemble Yates (Mathematics), Advisor

Central 228

541-552-6578

Daniel Wilson (Computer Science), Advisor

Computing Services 219

541-552-6976

Many technological sectors require individuals with strong backgrounds in both math and computer science. The mathematics-computer science comajor provides training in both areas.

Students should plan their programs carefully with advisors from both the Mathematics and Computer Science Departments.

#### Mathematics Requirements

(43 credits)

Discrete Structures (MTH 235) .....	4
Calculus I, II, III (MTH 251, 252, 253).....	12
Linear Algebra (MTH 261).....	4
Mathematical Perspectives (MTH 290).....	2
Number Structures (MTH 311).....	5
Introduction to Algebraic Systems (MTH 341) .....	4
Three additional upper division mathematics courses. Choose from: MTH 321, 331, 361, 421,* 431,* 441,* or 461* (at least one must be at the 400 level).....	12

#### Computer Science Requirements

(32 credits)

Computer Science II (CS 257) .....	4
Computer Science III (CS 258).....	4
Machine Structures and Assembly Language (CS 275).....	4
C and UNIX (CS 367).....	4
Data Structures (CS 411).....	4
Three additional upper division computer science courses with CS prefix as approved by CS advisor.....	12

#### Capstone Experience Requirement

(4-12 credits)

Systems Analysis (CS 469)* .....	4
and Capstone Project I, II (CS 470, 471) .....	8
or Senior Colloquium (MTH 490)* .....	4

\*May require additional prerequisites.

#### Military Science

364 Stadium Street

541-552-6309

541-552-6409

Director: Major Travis Lee

Instructor: Captain Matthew Cofer

The military science program is part of the Health, Physical Education, and Leadership Department. A regular instructional division of the University, the military science program offers four years of upper and lower division military science courses to all students who meet course prerequisites. They are fully accredited and applicable as electives for fulfilling baccalaureate degree requirements. A minor in military science is also available. The department offers the Guard Officer Leadership Detachment (GOLD) program, which replaces ROTC on this campus. Successful completion of the GOLD program leads to commissioning as a second lieutenant in the Oregon Army National Guard.

#### Basic Course

##### Introduction Phase

The Basic Course is composed of 100- and 200-level lower division courses. It is usually taken during the freshman and sophomore years and is open to any student enrolled at SOU. Participation in this course is voluntary and requires no military commitment. Instruction is oriented toward outdoor training and classroom activities that give students insight into military service, basic soldier skills, and leadership.

#### Advanced Course

##### Precommissioning Phase

The Advanced Course is a two-year precommissioning phase integrating classroom instruction, military training, and practical experience to progressively develop leadership skills, qualities, and character. Following their sophomore year, students enroll in the state's Officer Candidate School (OCS) at the Oregon Military Academy. Students train with their OCS class for two weeks over two summers. During the junior and senior years, leadership development occurs in 300- and 400-level upper division military science and Army Physical Fitness (PE 180) classes.

#### Eligibility

To be accepted into the Advanced Course, candidates must: (1) be between eighteen and thirty years old; (2) be a U.S. citizen; (3) be a member of the Army National Guard; (4) be in good health as shown by a current Quad physical; (5) have an Army GT score of 110+ and an Officer Selection Battery score of 90+; and (6) be of good moral character and behavior. Although participation in the Basic Course is not a prerequisite for the Advanced Course, it is encouraged.

#### Educational Benefits

Several educational benefits are available to students once they join the Army National Guard and participate in the GOLD program. These include scholarships under the Montgomery GI Bill, the Oregon Army National Guard Tuition Waiver, and tuition assistance. Interested students should contact the military science program for details.

#### Commissioning

In addition to the GOLD program requirements, students must meet all guidelines for a baccalaureate degree if they are seeking a commission. These requirements are outlined in the *Baccalaureate Degree Requirements* section and include the completion of University Studies and academic major requirements. When the Advanced Course is successfully completed and students receive their baccalaureate degree, they are commissioned as second lieutenants in the Oregon Army National Guard.

#### Minor

#### GOLD Program Requirements

##### BASIC COURSE (FRESHMAN)

Adventure Training I (MS 111) .....	1
Role of the Army (MS 112) .....	1
Adventure Training II (MS 113) .....	1

##### BASIC COURSE (SOPHOMORE)

Land Navigation (MS 211) .....	2
Leadership and Management (MS 212) .....	2
Basic Military Skills (MS 213) .....	2
OCS Phase I (MS 295) (summer) .....	2

##### ADVANCED COURSE (JUNIOR)

Military Leadership (MS 311) .....	3
Military Law and Administration (MS 312) .....	3
Small Unit Tactics (MS 313) .....	3
Physical Education (PE 180) (three terms, 1 credit each term) .....	3
OCS Phase III (MS 395) (summer) .....	2

##### ADVANCED COURSE (SENIOR)

Army Training Management (MS 411) .....	3
Military Justice System (MS 412) .....	3
Personal Affairs and Career Development (MS 413) .....	3
Physical Education (PE 180) (three terms, 1 credit each term) .....	3
Practical Field Experience (MS 419) .....	2

#### Military Science Courses

##### LOWER DIVISION COURSES

###### MS 111 Adventure Training I

1 credit

Offers an examination and practical application of the fundamentals of safety, manipulation, marksmanship, mechanical operation, and modern firearm storage. Includes mandatory, off-campus field trips.

###### MS 112 Role of the Army

1 credit

Studies the total Army and its concept and role in society. Examines the mission, organization, personnel, and history of the Active Components of the Army and Army National Guard and Reserve.

**MS 113 Adventure Training II**

1 credit

Examines the practical application of whitewater rafting, orienteering, rappelling, and first aid. Includes mandatory, off-campus field trips.

**MS 211 Land Navigation**

2 credits

Covers basic topographic map-reading skills and land navigation using a lensatic compass and terrain association. Includes practical exercises.

**MS 212 Leadership and Management**

2 credits

Studies the characteristics and methods of successful leadership. Includes building trust and cooperation, communication, personal motivation, and stress and time management.

**MS 213 Basic Military Skills**

2 credits

Introduces basic military skills in first aid; radio and wire communications; nuclear, biological, and chemical (NBC) defense; and weapons employment and operation. Mandatory for Officer Candidate School (OCS) enrollment.

**MS 295 OCS Phase I**

2 credits

Offers an intensive two-week precommissioning training. Oriented toward leader development and individual/small-unit training in a physically and mentally rigorous environment. Evaluates individual proficiency in land navigation and communication skills. Provides practical experience in a variety of leadership positions. Located at a military post. Prerequisite: Approval of the 186th Army GOLD.

**UPPER DIVISION COURSES****MS 311 Military Leadership**

3 credits

Studies Army Command and Control and small unit leadership fundamentals. Examines the junior officer's role and responsibilities in the leadership process. Addresses topics such as professional ethics, soldier/team development, and Army written and oral communication skills.

**MS 312 Military Law and Administration**

3 credits

Explores military law, army personnel management, and army logistics and supply. Focuses on the junior officer's role and responsibilities in military law, officer and enlisted personnel management, resource management, and service support.

**MS 313 Small Unit Tactics**

3 credits

Examines the fundamentals, techniques, and procedures of light infantry squad and platoon tactics. Develops leadership skills in planning, organizing, and conducting small-unit operations.

**MS 395 OCS Phase III**

2 credits

Provides an intensive two-week precommissioning training oriented toward squad and

platoon tactical training in a field environment. Students plan, organize, and conduct small unit operations and train in a variety of leadership positions. Located at Ft. Lewis, Washington. Prerequisites: MS 295, 311, 312, 313.

**MS 411 Army Training Management**

3 credits

Explores the Army's training philosophy and the Army Training System. Focuses on the junior officer's roles and responsibilities in the process of battle focus-planning, establishing unit training programs, and executing military instruction.

**MS 412 Military Justice System**

3 credits

Examines military justice, from nonjudicial punishment to the military court-martial. Introduces practical exercises to prepare junior officers for their roles in the military justice system.

**MS 413 Personal Affairs and Career****Development**

3 credits

Provides an in-depth examination of the Second Lieutenant's role in the total Army and preparation for officer commissioning in the Army National Guard. Offers critical information on such topics as officer specialty selection, unit assignment, pay and benefits, training status and attendance, call-ups and mobilization, career planning, professional development, balancing personal/family life, civilian employment, and military service. Designed to enable a successful transition to civil-military life.

**MS 419 Practical Field Experience**

2 credits

A practicum course intended to provide practical exposure to the fields of Army administration and Army supply procedures. Designed by the instructor and the student to meet individual interests. Up to two hours of work is required a week for each hour of credit. Prerequisite: Consent of military science instructor.

**Music****Music 223**

541-552-6548

Terry Longshore, Chair

Professors: Rhett L. Bender, Paul T. French, Alexander Tutunov

Associate Professors: Fredna Grimland, Cynthia Hutton, Terry Longshore

Adjunct Faculty: Todd Barton, Martin Behnke, Patricia Berlet, Andrew Brock, Ryan M. Camara, Scott Cole, Pat Daly, Bruce Dresser, Kristina Foltz, Jodi French, Willene Gunn, Laurie Hunter, Mark Jacobs, Walker Kermode, Kristen Kessler, Phebe Kimball, Don Matthews, Angel McDonald, Kathryn McElrath, Max McKee, Rebecca Merusi, David Miller, Ellie Murray, Patricia O'Scannell, David Rogers, Lauren Rubin, Jody Schmidt, David Scoggan, Art Shaw, Kirby Shaw, Wayne Slawson, Lisa Truelove, Stephen Truelove, Michael Vannice, Ed Wight

The Department of Music offers music majors and minors an integrated curriculum designed to teach the varied skills necessary for a professional career in music and to develop the student's understanding and appreciation for the art of music. Coursework combines class and individual instruction by nationally and internationally renowned artists with innovative, computer-aided instruction. Curricular offerings are designed to enable highly motivated students with diverse musical backgrounds to become skilled musicians capable of making artistic musical contributions to society as performers, educators, composers, scholars, music-business professionals, and active supporters and appreciators of music.

SOU has been designated by the Oregon University System as a Center of Excellence in the Fine and Performing Arts. The Department of Music is fully accredited by the National Association of Schools of Music. The faculty is dedicated to promoting a positive, student-centered environment in which students—by performance, creative activity, research, scholarship, and teaching opportunities—develop the skills, independence of thought, and discipline to fulfill their musical aspirations.

**Bachelor of Arts (BA) or Science (BS) in Music**

Music majors receive a BA or BS in music by successfully completing the 66 credits required for the music Core Curriculum. The Core Curriculum provides students with a solid background in music theory, aural skills, music history, and solo and ensemble performance skills, while allowing ample credits for exploration of other academic disciplines or more specialized areas within the Department of Music. Students desiring intensive study in career-specific areas of music may take additional coursework in Music Instruction, Music Performance, or Music Composition. Additionally, the music-business comajor is offered through the Department of Music and School of Business.

### Music Instruction Concentration

The Music Instruction concentration is intended for students preparing to enter the teaching profession as general music teachers or primary or secondary music directors. In addition to the 57 nonelective credits required for the BA/BS degree (Music Core), students take the 30 credits listed in the Music Instruction concentration, bringing their total to 87 music credits. Note: The 9 elective credits in the Music Core may be applied to the Music Instruction concentration. Completion of this concentration prepares students for the Master of Arts in Teaching (MAT) degree and certification required for public school music teachers in Oregon.

### Music Performance Concentration

The Music Performance concentration is an intensive course of study for those students planning to pursue graduate school and more advanced study in music. In addition to the 57 nonelective credits required for the BA/BS degree (Music Core), students complete the 59 credits listed in the Music Performance concentration, bringing their total to 116 music credits. Note: The 9 elective credits in the Music Core may be applied to the Music Performance concentration, which is available in piano, organ, voice, strings, percussion, classical guitar, and most wind and brass instruments.

### Music Composition Concentration

The Music Composition concentration teaches classical composition techniques, drawing on both traditional and contemporary models. In addition to the 57 nonelective credits required for the BA/BS degree (Music Core), students complete the 57 credits listed in the Composition concentration, bringing their total to 114 music credits. Note: The 9 elective credits in the Music Core may be applied to the Music Composition concentration. For admission to the Music Composition concentration, students must pass a 390 hearing in their applied area and submit five compositions of contrasting style to the composition faculty for evaluation.

### Bachelor of Arts (BA) or Bachelor of Science (BS) in Music-Business

The contemporary world of music is increasingly dependent on knowledge of business practices. The music-business comajor is designed for students who wish to enter the music or entertainment industry with a strong background in both music and contemporary business skills. The program is also flexible enough to accommodate individual career objectives. The program comprises 45 music credits, 40 business credits, and 12 support course credits.

### Music Minor and Nonmajor Course Offerings

Music minor course offerings include a selection of courses taken from the Music Core Curriculum. Nonmajors may participate in a number of courses, including all ensembles (some by audition), all history classes, and class lessons in guitar, piano, and voice. Please see below for a full listing of courses for the music minor. Private lessons in piano, organ, voice, strings, and most wind, brass, and percussion instruments are available to qualified students as space allows.

### Musical Organizations

The following organizations are open to qualified students by instructor consent: Concert Choir, Chamber Choir, Jefferson State Choral Coalition, Opera Workshop, Collegium Musicum, Symphonic Band, Instrumental Jazz Ensemble, Rogue Valley Symphony Orchestra, Raider Athletic Pep Band, Youth Symphony of Southern Oregon, Saxophone Quartet, Clarinet Ensemble, Percussion Ensemble, Woodwind Quintet, Gamelan Ensemble, Saxophone Orchestra, Brass Quintet, Guitar Ensemble, Jazz Combo, Gamelan Ensemble, West African Cultural Drumming Ensemble, and Performing Chamber Ensemble. In addition to serving as an integral part of the musical training of majors, these organizations enable nonmajors to participate in musical performances. Students may serve the department and community by joining the local chapter of Music Educators National Conference (MENC), the largest association dedicated exclusively to the advancement of music education.

### Scholarships

There is a limited number of performance scholarships available to outstanding students who are planning to major in music. These scholarships are awarded on the basis of a performance audition held in February for the following academic year. Applications are available at the Music Department or online at sou.edu/music.

### Degrees

BA or BS in Music

BA or BS in Music-Business

Master of Music in Conducting

### Minor

Music

### Requirements for the Major

All music majors must:

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Pass a new student hearing on their major instrument. The hearing is offered at the beginning of fall term, at the end of each term, and at scholarship auditions. Students are allowed three attempts to pass the new student hearing.
3. Pass all sequential music theory and aural skills courses with a grade of C or better to continue.
4. Take MUS 292 Piano Proficiency until they have successfully completed the piano proficiency exam.
5. All music majors taking applied lessons (MUP 190–490) are required to perform before a jury or complete an assessment project at the end of each term.
6. Pass the MUP 390 hearing before moving from lower division MUP 290 to upper division MUP 390 applied level.
7. Maintain a 2.75 GPA in music courses.

8. Pass ten terms of the 0-credit, P/NP Convocations/Concerts course. For transfer students, the number of terms required depends on the number of applied music credits transferred.
9. Complete the Capstone Experience (MUS 400), which comprises a project and research paper. Students should consult their department advisor to determine the exact nature of their capstone experience.

### Music Core

(57 credits)

Convocation (ten terms) (MUS 165) .....	0
Music Theory I (MUS 121, 122, 123) .....	6
Aural Skills I (MUS 124, 125, 126) .....	6
Music Theory II (MUS 221, 222, 223) .....	6
Aural Skills II (MUS 224, 225, 226) .....	6
Music of Nonwestern Culture (MUS 202) .....	4
Medieval and Renaissance (MUS 360) .....	3
Baroque and Classical (MUS 361) .....	3
Romantic through Contemporary (MUS 362) .....	3
Symphonic Band or Concert Choir (MUS 395/397) or Rogue Valley Symphony Orchestra (MUS 396) or Youth Symphony Orchestra (MUS 398) (six terms at 1 credit each) .....	6
Applied Lessons (MUP 190) (three terms at 2 credits each) .....	6
Applied Lessons (MUP 290) (three terms at 2 credits each) .....	6
Capstone (MUS 400) .....	2

### Music Electives (Upper Division)

(9 credits)

Art and Music of the Twentieth Century to Present (MUS 311) .....	4
Business of Music (MUS 315) .....	3
Fundamentals of Conducting (MUS 323) .....	2
Instrumental Conducting (MUS 324) .....	2
Choral Conducting (MUS 325) .....	2
Percussion Methods (MUS 331) .....	2
Woodwind Methods (MUS 332) .....	2
Brass Methods (MUS 333) .....	2
Junior Recital (MUS 350) .....	1
Accompanying (MUS 351) .....	1
Electronic and Computer Music (MUS 355) .....	3
Digital Tools (MUS 358) .....	3
Introduction to Music Education (MUS 372) .....	2
Elementary General Music Methods (MUS 373) .....	2
Secondary Choral Methods and Materials (MUS 374) .....	2
Special Studies (MUS 399) .....	3
Ensemble Courses (choose from MUS 384, 385, 389, 394, 395, 396, 397, 398, or 495) .....	1
Form and Analysis (MUS 440) .....	3
Orchestration (MUS 441) .....	3
Counterpoint (MUS 442) .....	3
Composition Survey (MUS 443) .....	3
Applied Lessons (MUP 390) .....	2 or 4 each term
Special Topic: Theory (MUS 445) .....	3
Theory in Performance (MUS 446) .....	3
Senior Recital (MUS 450) .....	2
Special Topic: History (MUS 460) .....	3
Applied Lessons (MUP 490) .....	2 or 4 each term

### Music Instruction Concentration

(30 credits)

Applied Music (MUP 390) .....	3
Music Conducting (MUS 323) .....	2
Instrument Conducting (MUS 324) .....	2

Choral Conducting (MUS 325).....	2
Percussion Methods (MUS 331).....	2
Woodwind Methods (MUS 332).....	2
Brass Methods (MUS 333).....	2
Introduction to Music Education (MUS 372) .....	2
Elementary General Music Methods (MUS 373) ... 2	
Secondary Choral Methods and Materials (MUS 374).....	2
Symphonic Band or Concert Choir (MUS 395/397) or Rogue Valley Symphony Orchestra (MUS 396) or Youth Symphony Orchestra (MUS 398) (in addition to the 6 required for the BA/BS degree) (six terms at 1 credit each).....	6
Music electives.....	0

### Music Performance Concentration

1. Complete three terms of MUP 190.
2. Complete the Performance Concentration Application, which is available in the Music Department office.
3. Pass a Performance Concentration Hearing, which is offered at the end of each term and the beginning of fall term. Sign-up sheets are posted outside the Music Department office.
4. Complete an interview with the music faculty at the Performance Concentration Hearing.

(59 credits)

Applied Lessons (MUP 290) (in addition to the 6 required for the BA/BS degree).....	6
Applied Lessons (MUP 390).....	12
Applied Lessons (MUP 490).....	12
Conducting (MUS 323).....	2
Ensemble courses (choose from MUS 384, 385, 389, 394, 395, 396, 397, 398, or 495) (in addition to the 6 required for the BA/BS degree).....	12
Junior Recital (MUS 350).....	1
Senior Recital (MUS 450).....	2
Special Topic: Theory (selected from any upper division music theory course).....	9
Special Topic: History (selected from any upper division music history course).....	3
Music electives.....	0

### Music Composition Concentration

1. Complete a letter of intent briefly describing why you want to pursue composition, including your background in composition and your compositional goals.
2. Complete a portfolio of five printed or handwritten music scores with audio or MIDI recordings.
3. Complete Music Theory I, II and Aural Skills I, II with an average grade of B+.
4. Pass the 390 hearing on your major instrument or voice.
5. Complete an interview with the director of composition studies.

(57 credits)

Applied Composition (MUP 390).....	12
Applied Composition (MUP 490).....	12
Conducting (MUS 323).....	2
Instrumental Conducting (MUS 324).....	2
Choral Conducting (MUS 325).....	2

Ensemble courses (choose from MUS 384, 385, 389, 394, 395, 396, 397, 398, or 495) (in addition to the 6 required for the BA/BS degree).....	6
Junior Recital (MUS 350).....	1
Senior Recital (MUS 450).....	2
Special Topic: Theory (selected from any upper division music theory course).....	12
Special Topic: History (MUS 460) (selected from any upper division music history course).....	6

### Music-Business Co-Major

Students interested in the music-business co-major should refer to the *Music-Business* section.

### Minor

(33 credits)

Music Theory I (MUS 121, 122, 123) .....	6
Aural Skills I (MUS 124, 125, 126).....	6
History of Music (MUS 360, 361, 362) (choose two).....	6
Applied Music (MUP 170) (2 credits per term of the same instrument).....	6
Upper division electives.....	6
Ensemble courses .....	3

### Teacher Licensing

Students who would like to teach music at the early childhood/elementary or middle school/high school level in Oregon public schools must complete a bachelor's degree in music before applying for admission to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the Department of Music for an appropriate advisor and the School of Education regarding admission requirements for the MAT program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Practica, internships, and volunteer experiences working with children in the public schools prior to application to the MAT program are required.

### Applied Music Courses

#### LOWER DIVISION COURSES

##### MUP 170, 270, 370, 470 Applied Music

2 credits each

For non-music majors, music premajors, or majors taking a secondary instrument. Provides individual lessons in voice, piano, organ, classical guitar, percussion, wind, and string instruments. May be repeated for credit.

##### MUP 190, 290, 390, 490 Applied Music

2 or 4 credits each

For music majors only. Provides individual lessons in voice, piano, organ, classical guitar, percussion, wind, and string instruments. May be repeated for credit.

#### GRADUATE COURSES

##### MUP 590 Applied Music

1 or 2 credits each

Offers individual instruction in voice, organ, piano, classical guitar, band, and orchestral instruments. May be repeated for credit.

### Music Courses

#### LOWER DIVISION COURSES

##### MUS 100 Music Fundamentals

3 credits

Offers music theory for the non-music major or pre-music major. Students learn to read music notation, study musical scales and rhythms, practice ear training, and develop simple songwriting skills. Prepares students for MUS 121.

##### MUS 121 Music Theory I

2 credits

Offers intensive study of music theory for the music major or minor. Reviews notation, scales, keys, meter, intervals, triads, figured bass, cadences, and nonharmonic tones. Includes practical experience with keyboard harmony. All prospective MUS 121 students must take a placement examination covering music rudiments. Prerequisite: Ability to read music. Corequisites: MUS 124 and 292.

##### MUS 122 Music Theory I

2 credits

Offers intensive study of music theory for the music major or minor. Covers melodic organization, texture, voice leading in two and four voices, and harmonic progressions. Includes practical experience with keyboard harmony. Prerequisites: MUS 121 and 124. Corequisites: MUS 125 and 292.

##### MUS 123 Music Theory I

2 credits

Offers intensive study of music theory for the music major or minor. Covers seventh chords, modulation, secondary dominants, binary, and ternary form. Includes practical experience with keyboard harmony. Prerequisites: MUS 122 and 125. Corequisites: MUS 126 and 292.

##### MUS 124 Aural Skills I

2 credits

Develops basic sight-singing and ear-training skills utilizing diatonic melodies and harmonies with simple and compound rhythms. Corequisites: MUS 121 and 292.

##### MUS 125 Aural Skills I

2 credits

Develops basic sight-singing and ear-training skills utilizing diatonic melodies and harmonies with simple and compound rhythms. Prerequisite: MUS 124. Corequisites: MUS 122 and 292.

##### MUS 126 Aural Skills I

2 credits

Develops basic sight-singing and ear-training skills utilizing diatonic melodies and harmonies with simple and compound rhythms. Prerequisite: MUS 125. Corequisites: MUS 123 and 292.

##### MUS 165 Convocations/Concerts

0 credits

Music majors attend weekly meetings and a required number of concerts each term as determined by the music faculty. Ten terms of this course are required by all music majors prior to graduation.

**MUS 181 Class Lessons in Voice**

2 credits

Covers the fundamentals of correct voice production. Includes breathing, breath control, registration, elementary study of vowels and consonants, phrasing, style, interpretation of elementary songs, poise, posture, and stage presence. May be repeated for credit.

**MUS 184 Chamber Ensemble**

1 credit

Students work in small ensembles with intensive performing preparation. Includes, but is not limited to: brass quintet, clarinet ensemble, Gamelan ensemble, guitar ensemble, percussion ensemble, saxophone quartet, string quartet, vocal ensemble, and woodwind quintet. Available for most instruments and voice. Auditioned. May be repeated for credit.

**MUS 185 Jazz Ensemble**

1 credit

Develops individual performance abilities in a large jazz ensemble framework. Literature covers a wide range of jazz styles, emphasizing jazz ensemble playing and improvisation. Auditioned. May be repeated for credit.

**MUS 189 Jefferson State Choral Coalition**

1 credit

Develops individual vocal performance abilities through a University or community large-group setting. Repertoire to include the best of American popular music with an emphasis in jazz. Auditioned. May be repeated for credit.

**MUS 191 Raider Athletic Band**

1 credit

Provides a laboratory experience. Integrates school spirit activity with musical performance. The Raider Band serves as the musical entertainment for all Southern Oregon University home football and basketball games. There are no prerequisites; all students with the appropriate instrumental experience and school spirit are encouraged to participate. May be repeated for credit.

**MUS 192 Class Lessons in Piano**

2 credits

Offers elementary keyboard lessons in a class setting. May be repeated for credit.

**MUS 195 Symphonic Band**

1 credit

Develops individual performance abilities in a large-group framework. Literature covers a wide range of symphonic music appropriate for band. Auditioned. May be repeated for credit.

**MUS 196 Rogue Valley Symphony Orchestra**

1 credit

Develops individual performance abilities in a large-group framework. Literature covers a wide range of symphonic music appropriate for orchestra. Qualified students must be admitted by audition to the Rogue Valley Symphony Orchestra. May be repeated for credit.

**MUS 197 Concert Choir**

1 credit

Develops individual performance abilities in a large-group framework. Literature covers a wide range of music such as oratorio, double chorus, and a cappella compositions. May be repeated for credit.

**MUS 198 Youth Symphony of Southern Oregon**

1 credit

Develops individual performance abilities in a large-group framework. Literature covers a wide range of orchestral literature appropriate for the ability level of the ensemble. Auditioned. May be repeated for credit.

**MUS 199 Special Studies**

1 to 18 credits

**MUS 201 Music of Western Culture**

4 credits

Surveys historical periods and musical styles from European cultural roots. Includes the historical development of Western music from its roots in Greek culture to the present day. Emphasizes style periods from the Middle Ages to the present. Approved for University Studies (Explorations).

**MUS 202 Music of Nonwestern Culture**

4 credits

Surveys nonwestern musical cultures. Focuses on musical events in cultural regions throughout the world, including north and south India, the Middle East, China, Japan, Indonesia, Latin America, sub-Saharan Africa, Native American culture, and ethnic North America. Approved for University Studies (Explorations).

**MUS 203 American Jazz**

4 credits

Explores American jazz music and culture. Teaches the history of American jazz, the musical innovations that distinguished it from the previous era, and the social events that contributed to those innovations. Surveys influential musicians, their instruments, and their major bands. Presents examples of these artists' musical contributions. Approved for University Studies (Explorations).

**MUS 204 Rock and Popular Music**

4 credits

Surveys the history of rock music from its beginnings in earlier forms of popular music to present. Examines the relationship of this music to larger cultural, political, and economic formations. Defines and studies aspects of musical structure which have been used in rock music. Approved for University Studies (Explorations). Recommended: MUS 201.

**MUS 221 Music Theory II**

2 credits

Studies eighteenth-century counterpoint, fugue, chromatic harmony, borrowed chords, Neapolitan sixth chords, and augmented sixth chords. Includes practical experience with keyboard harmony. Prerequisite: MUS 123. Corequisites: MUS 224 and 292.

**MUS 222 Music Theory II**

2 credits

Analyzes classical period music, including variation technique, sonata form, and rondo. Also examines extended harmony; ninth, eleventh, and thirteenth chords; altered dominants; and chromatic mediants. Includes practical experience with keyboard harmony. Prerequisite: MUS 221. Corequisites: MUS 225 and 292.

**MUS 223 Music Theory II**

2 credits

Examines music of the nineteenth and twentieth centuries, including romantic, post-romantic, impressionistic, twelve-tone technique, and contemporary. Includes practical experience with keyboard harmony. Prerequisite: MUS 222. Corequisites: MUS 226 and 292.

**MUS 224 Aural Skills II**

2 credits

Develops sight-singing and ear-training skills utilizing harmonies through secondary dominant and leading tone. Prerequisite: MUS 126. Corequisites: MUS 221 and 292.

**MUS 225 Aural Skills II**

2 credits

Develops sight-singing and ear-training skills utilizing harmonies through the Neapolitan and augmented sixth chords. Prerequisite: MUS 224. Corequisites: MUS 222 and 292.

**MUS 226 Aural Skills II**

2 credits

Develops sight-singing and ear-training skills utilizing harmonies through the ninth, eleventh, and thirteenth chords. Prerequisite: MUS 225. Corequisites: MUS 223 and 292.

**MUS 238 Class Lessons in Guitar**

2 credits

Examines elementary guitar techniques and styles, with emphasis on elementary singing and secondary general music classes. Students must furnish their own acoustic guitar. May be repeated for credit.

**MUS 292 Piano Proficiency**

2 credits

Prepares music majors with limited piano skills for the piano proficiency examination. Emphasizes major and harmonic minor scales, sight-reading, harmonization, chord progression, and repertoire-building. Music majors and pre-majors only. May be repeated for credit.

**UPPER DIVISION COURSES****MUS 311 Art and Music of the Twentieth Century to Present**

4 credits

Offers an interdisciplinary survey of the visual arts and music from the twentieth century to present. Examines the intersections, cross-influences, and significant archetypes of visual art and music. Covers modernism, postmodernism, primitivism, minimalism, futurism, and popular culture. ARTH 206 and MUS 201 recommended. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with ARTH 311.)

**MUS 315 Business of Music**

3 credits

Introduces various aspects of the music business, such as songwriting; copyrighting; publishing; music in the marketplace, broadcasting, and film; business affairs; the record industry; and career planning and development.

**MUS 323 Fundamentals of Conducting**

2 credits

Develops basic skills in the art of conducting. Covers baton techniques, phrasing, style, and cuing.

**MUS 324 Instrumental Conducting**

2 credits

Develops conducting techniques for instrumental ensembles. Prerequisites: MUS 323 and completion of piano proficiencies.

**MUS 325 Choral Conducting**

2 credits

Develops conducting techniques for choral organizations. Prerequisites: MUS 323 and completion of piano proficiencies.

**MUS 331 Percussion Methods**

2 credits

Introduces the family of percussion instruments, including the snare drum, keyboard percussion, auxiliary percussion instruments, timpani, drum set, and hand percussion. Students learn basic techniques, as well as diagnostic skills to apply as band directors.

**MUS 332 Woodwind Methods**

2 credits

Introduces the flute, oboe, clarinet, saxophone, and bassoon. Students learn how to play and teach woodwinds, in addition to studying diagnostic skills they can apply as band directors.

**MUS 333 Brass Methods**

2 credits

Introduces the trumpet, horn, trombone, baritone, and tuba. Students learn how to play and teach brass instruments, in addition to studying diagnostic skills they can apply as band directors.

**MUS 350 Junior Recital**

1 credit

Solo recital performance and preparation. Half-recital consisting of twenty-five minutes of music given during Music Convocation. Prerequisite: Instructor consent.

**MUS 351 Accompanying**

1 credit

Addresses principles of playing artistic accompaniments for vocal and instrumental soloists and groups. Practical experience is arranged and supervised. A maximum of 4 credits from MUS 351 may be counted as ensemble credit. May be repeated for credit. Prerequisite: Instructor consent.

**MUS 355 Electronic and Computer Music**

3 credits

Enables students to gain expertise by working on creative projects using digital and analog synthesis, MIDI software, sequencing, notation, digital recording and processing, and Internet music applications. MUS 100 and 201 recommended. Approved for University Studies (Synthesis). Prerequisites: Basic computer literacy and completion of all lower division University Studies requirements.

**MUS 358 Digital Tools for Interdisciplinary Synthesis: Music as Metaphor**

3 credits

Involves hands-on learning and composing of electronic music using the Metasynth Studio Bundle, an integrated software package with digital sample editing, MIDI sequencing, multi-track mixing, effects processing, and advanced synthesis. Listening assignments cover the basic history of electronic music. Approved for University Studies (Synthesis). Prerequisites: Competency on Macintosh computers, the ability to read music, and completion of all lower division University Studies requirements.

**MUS 360 History of Music: Medieval and Renaissance**

3 credits

Examines the development of western European art music from ancient Greek music through the medieval and Renaissance periods. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**MUS 361 History of Music: Baroque and Classical**

3 credits

Examines the development of western European art music from 1600 through 1830, including the baroque and classical periods. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**MUS 362 History of Music: Romantic and Contemporary**

3 credits

Examines the development of western European art music from the Romantic period through contemporary music. Covers music styles of the twentieth century, including serialism, impressionism, expressionism, minimalism, and musique concrete. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**MUS 372 Introduction to Music Education**

2 credits

Covers the social, psychological, historical, and philosophical principles of music education in school, studio, administration, and business. Follows the MENC national standards and Oregon standards. Explores possibilities for use of technology in the music classroom. Attends to information covered in PRAXIS and preparation for teacher certification.

**MUS 373 Elementary General Music Methods and Materials**

2 credits

Addresses instruction of choral and vocal skills in a sequential approach for elementary students in the music classroom through singing, playing, listening, moving, creating, improvising, and conducting. Introduces the techniques of Orff, Kodaly, and Dalcroze. Includes song repertoire and children's choir organization, rehearsals, and literature. Field observation is an integral component.

**MUS 374 Secondary Choral Methods and Materials**

2 credits

Addresses instruction of choral and vocal skills in a sequential approach for secondary students and the organization and administration of middle school and high school choral programs. Includes introductions to sight-reading series, texts for the ensemble class, and choral repertoire. Emphasizes vocal pedagogy and the changing voice, including score analysis and rehearsal preparation, planning, and techniques. Field observation is an integral component.

**MUS 384 Chamber Ensemble**

1 credit each term

Students work in small ensembles with intensive performing preparation. Includes but is not limited to: brass quintet, clarinet ensemble, Gamelan ensemble, guitar ensemble, percussion ensemble, saxophone ensemble, string quartet, jazz combo, and vocal ensemble. Available for most instruments and voice. Auditioned. May be repeated for credit.

**MUS 385 Jazz Ensemble**

1 credit

Develops individual performance abilities in a large jazz ensemble framework. Literature covers a wide range of jazz ensemble playing and improvisation. Auditioned. May be repeated for credit.

**MUS 389 Jefferson State Choral Coalition**

1 credit each term

Develops individual vocal performance abilities in a university or community large-group setting. Repertoire to include the best of American popular music with an emphasis on jazz. Auditioned. May be repeated for credit.

**MUS 394 Chamber Choir**

1 credit

A select ensemble dedicated to the highest levels of artistic choral singing. Performs a full spectrum of the finest classical choral literature, from the Renaissance to newly composed and commissioned works. Open to all SOU students by audition. Performs quarterly concerts at SOU and takes an annual tour. Group members should plan to sing for the full year. May be repeated for credit.

**MUS 395 Symphonic Band**

1 credit each term

Develops individual performance abilities in a large-group framework. Literature covers a wide range of symphonic music appropriate for band. Auditioned. May be repeated for credit.

**MUS 396 Rogue Valley Symphony Orchestra**

1 credit each term

Develops individual performance abilities in a large-group framework. Literature covers a wide range of symphonic music appropriate for orchestra. Qualified students must be admitted by audition. May be repeated for credit.

**MUS 397 Concert Choir**

1 credit each term

Develops individual performance abilities in a large-group framework. Literature covers a wide range of music, including oratorio, double chorus, and a cappella compositions. Ensemble course. May be repeated for credit.

**MUS 398 Youth Symphony of Southern Oregon**

1 credit

Develops individual performance abilities in a large-group framework. Literature covers a wide range of orchestral literature appropriate for the ability level of the ensemble. Auditioned. May be repeated for credit.

**MUS 399 Special Studies**

Credits to be arranged

**MUS 400 Capstone Experience**

2 credits

Students perform a recital or special project and complete a research paper. Project details are determined by the departmental advisor.

**MUS 401 Research**

Credits to be arranged

**MUS 403 Thesis**

Credits to be arranged

**MUS 406 Collegium Musicum (Early Music Ensemble)**

1 credit

Teaches how to play and sing Renaissance and medieval music. Focuses on the recorder, crumhorn, viola da gamba, and other period instruments in a relaxed setting. Explores issues of interpretation, embellishment, notation, phrasing, technique, and articulation using treatises and source materials of the period. May be repeated for credit.

**MUS 407 Seminar**

Credits to be arranged (maximum 15 undergraduate credits). May be repeated for credit.

**MUS 408 Workshop**

Credits to be arranged

**MUS 409 Practicum**

Credits to be arranged

**MUS 440/540 Form and Analysis**

3 credits

Students analyze and compose using the forms and techniques of the common practice period: binary, ternary, rounded binary, sonata form, theme and variation, rondo, and fugue. Prerequisites: MUS 223, 226, and completion of piano proficiencies.

**MUS 441/541 Orchestration**

3 credits

Students review orchestral groups in an instrument-by-instrument breakdown; study melody and harmony in strings, winds, brasses; learn to write for combined groups; and examine different ways of orchestrating the same music. Prerequisites: MUS 223, 226, and completion of piano proficiencies.

**MUS 442/542 Counterpoint**

3 credits

Students learn basic sixteenth- and eighteenth-century counterpoint techniques by analyzing and composing music in the style of Palestrina and Bach. Prerequisites: MUS 223, 226, and completion of piano proficiencies.

**MUS 443/543 Composition Survey**

3 credits

Develops various compositional techniques by composing short, focused works and listening, discussing, and analyzing music. Techniques are discovered by listening and analyzing music from diverse traditions such as Gregorian chant to Noh Drama, from Gamelan to minimalist, from Bach to Cage, and from India to Africa. Prerequisites: MUS 223, 226, and completion of piano proficiencies.

**MUS 445 Special Topic: Theory**

3 credits

Studies advanced theory topics in depth. Topics may include Schenker Analysis, Forte Pitch-Set Analysis, and Theory of Romantic Period Music or Theory of Post-Romantic Period. May be repeated for credit. Prerequisites: MUS 223 and 226.

**MUS 446 Theory in Performance**

3 credits

Students present a work of music in recital directed by music faculty. Presentation and preparation include thorough historical research, musical analysis, and lecture. May be repeated for credit. Auditioned. Prerequisites: MUS 223, 226, and instructor consent.

**MUS 450 Senior Recital**

2 credits

Solo recital performance and preparation. Full recital consisting of fifty minutes of music given during term registered. Prerequisite: Instructor consent.

**MUS 460 Special Topic: History**

3 credits

Studies advanced music history topic in depth. Topics may include symphony, chamber music, opera, music notation, J. S. Bach, Mozart, Beethoven, Wagner, Mahler, Stravinsky, and the Second Viennese School. May be repeated for credit. Prerequisites: MUS 360, 361, 362.

**MUS 495/595 University-Civic Wind Ensemble**

1 credit

Develops individual performance abilities in a select, small-group framework. Literature includes chamber music for winds and percussion, as well as music for wind ensemble. The

repertoire covers a wide range of musical periods and styles. This is an advanced group that requires independent preparation by individuals. Auditioned. May be repeated for credit. Corequisite: MUS 395.

**GRADUATE COURSES****MUS 501 Research\***

Credits to be arranged

**MUS 503 Thesis**

Credits to be arranged

**MUS 505 Reading and Conference\***

Credits to be arranged

**MUS 507 Seminar\***

Credits to be arranged

**MUS 508 Workshop**

Credits to be arranged

**MUS 509 Practicum\***

Credits to be arranged

**MUS 596 Orchestra**

1 credit

Develops individual performance abilities within a group framework. Includes a compilation of practical orchestra concert literature. May be repeated for credit.

\*MUS 501, 505, 507, and 509 are limited to 9 credits singly or in combination.

**American Band College (ABC)**

The structure of this school area master's degree program (Master of Music in Conducting) follows the guidelines set by the dean of the College of Arts and Sciences and the Music Department chair. Candidates must be admitted to graduate studies at SOU.

For general information about the program, please consult the *Graduate Programs* section.

**MAJOR DEPARTMENT (MUSIC)**

Select 36 credits in graduate-level music courses: Band Director Pedagogy (three summers of 6 credits each; written examinations required) .....	18
Practical Applications (three summers of 3 credits each; oral examinations required) .....	9
Research (MUS 515, 516, 517) .....	9
Related non-music, graduate-level coursework....	9
Total credits .....	45

**ADMISSION**

In addition to meeting the requirements for admission to a graduate degree program, students must take an examination prior to admission. Results of the entrance examination will determine any necessary remedial work and serve as the basis for practical application credits.

**CLASSES**

All courses offered under the American Band College summer program are required for three summers. These include four daily lectures and two daily performances in the ABC Director's Band. Completion of written examinations is required. Only ABC summer class credits taken under examination may be included in the 18-credit block listed above.

**EXIT EXAMINATION**

In addition to the written examination, candidates must complete a demonstration final on July 5 of the summer during which all coursework is completed. The purpose of the examination is to demonstrate the candidate's ability to successfully perform start-up lessons with a beginner on clarinet, horn, and snare drum and to diagnose specific controlled problems encountered in a rehearsal band (comprises all other ABC master's degree candidates).

**Band Director Graduate Courses****GRADUATE COURSES****MUS 515 Research: Performance Evaluation**

3 credits

Candidates supply a recording of their band in performance. An anonymous composite recording of the bands of all first-year ABC master's candidates serves as the basis for written analysis and recorded voiceover evaluations of each band by the candidates.

**MUS 516 Research: Performance Preparation**

3 credits

Based on multi-session videotaping of the candidate's band in rehearsals and final performance of a selected composition. Video sessions are accompanied by an in-depth analysis of the composition. Teaching techniques are employed and implemented before and after each video session. The video must be produced during the school year prior to the summer of enrollment in this course.

**MUS 517 Research: Literature and Content**

3 credits

Out of the more than 120 lecture clinics attended over three summers, the candidate selects the 20 most useful for inclusion in a personal teaching manual. In addition, the candidate selects 30 favorites of the more than 400 sight-read or performed compositions by the ABC Director's Band over three summers, providing a written commentary on grade level, important concepts, and the musical value of each composition.

**MUS 531 Band Director Pedagogy I**

3 credits

Emphasizes the development of teaching materials.

**MUS 532 Band Director Pedagogy II**

3 credits

Includes an examination based on materials in the current American Band College Staff Notebook. Prerequisite: MUS 531.

**MUS 533 Band Director Pedagogy III**

3 credits

Emphasizes the development of classroom management, recruitment, and retention. Prerequisite: MUS 532.

**MUS 534 Band Director Pedagogy IV**

3 credits

Includes an examination based on materials found in the current American Band College Staff Notebook. Prerequisite: MUS 533.

**MUS 535 Band Director Pedagogy V**

3 credits

Emphasizes the development of score study and conducting. Prerequisite: MUS 534.

**MUS 536 Band Director Pedagogy VI**

3 credits

Continuation of MUS 535. Includes an examination based on materials found in the current American Band College Staff Notebook. Prerequisite: MUS 535.

**MUS 537 Practical Applications I**

3 credits

Practical application credits developed individually to reflect the strengths and weaknesses of the candidate as determined by the required entrance examination. Project is to be completed by August 10 of the first summer under the supervision of the ABC director (first summer course).

**MUS 538 Practical Applications II**

3 credits

Work is to be completed by August 10 of the second summer under the supervision of the ABC director (second summer course).

**MUS 539 Practical Applications III**

3 credits

Work is to be completed by August 10 of the final summer (third summer course).

**Music-Business**

Terry Longshore (Music), Advisor

Music 223

541-552-6548

Curtis J. Bacon (Business), Advisor

Central 138

541-552-6487

The contemporary world of music is increasingly dependent on knowledge of business practices. The music-business comajor is designed for students who wish to enter the music or entertainment industry with a strong background in both music and contemporary business skills. The program is also flexible enough to accommodate individual career objectives. The program is comprised of 45 music credits, 40 business credits, and 12 support course credits.

**Requirements for the Major**

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Maintain a 2.75 GPA in music courses and a 2.50 GPA in business courses.
3. Pass ten terms of the 0-credit, P/NP Convocations/Concerts course. For transfer students, the number of terms required depends on the number of applied music credits transferred.
4. Complete the capstone experience (MUS 400 or BA 499), which includes a project and a research paper. Students should consult their department advisor to determine the exact nature of their capstone experience.

**Required Courses in Music-Business****MUSIC REQUIREMENTS**

(45 credits)

Applied Music (MUP 170)

(three terms at 2 credits each).....6

Music Fundamentals (MUS 100).....3

Select three of the following: Music of Western

Culture (MUS 201), Music of Nonwestern

Culture (MUS 202), American Jazz (MUS 203),

Rock and Popular Music (MUS 204).....12

Electronic and Computer Music (MUS 355).....3

Music History (MUS 360, 361, 362).....9

Music electives.....9

Music Department internship

(three terms at 1 credit each).....3

**NON-BUSINESS SUPPORT COURSE REQUIREMENTS**

(12 credits)

Principles of Microeconomics (EC 201).....4

Principles of Macroeconomics (EC 202).....4

Elementary Statistics (MTH 243).....4

**BUSINESS REQUIREMENTS**

(40 credits)

Business Computer Applications (BA 131).....4

Accounting Information I (BA 211).....4

Accounting Information II (BA 213).....4

Principles of Marketing (BA 330).....4

Business Law (BA 226).....4

Principles of Management (BA 374).....4

Operations Management (BA 380).....4

Management Information Systems (BA 382).....4

Principles of Finance (BA 385).....4

Upper division business elective.....4

**Native American Studies**

Taylor 018B

541-552-6751

David West, Coordinator

The minor in Native American studies emphasizes the culture, history, art, and literature of the indigenous peoples of the United States and Canada.

**Requirements for the Minor**

1. A minimum of 24 credits, 15 of which must be upper division and 4 practicum.
2. Choose from among the following courses with a Native American subject focus (16-20 credits):

Introduction to Native American

Studies (NAS 268).....4

Introduction to Intertribal Dance (NAS 270) .....

Native American Topics: Historical

(NAS 368).....4

Seminar: Native American Culture

(NAS 407/507 or ED 407/507).....2

Native American Psychology (PSY 489).....4

Native American Topics: Contemporary

(NAS 468).....4

Pacific Cultures (ANTH 317).....4

Native North America (ANTH 318).....4

Cultures of the World: Native Peoples of

Latin America (ANTH 319).....4

Native North America: Special

Studies (ANTH 334).....4

Archaeology Field School (ANTH 375).....4

Cultural Resource Management

(ANTH 462).....4

Cultural Rights (ANTH 464).....	4
Contemporary Issues in Native North America (SOC 338).....	4
Introduction to Native North American Art (ARTH 199).....	4
Native American Narratives, Fiction, and Poetry (ENG 240).....	4
Native American Myth and Culture (ENG 239).....	4
Major Forces in Literature (ENG 447)* .....	4
Major Figures in Literature (ENG 448)* .....	4
Ethnobotany and Cross-Cultural Communication (BI 384).....	3
Oral History Methods (HST 412) .....	4
*Applicable to the minor when Native American authors are featured.	
3. Synthesis (4-8 credits) and Practicum (minimum 4 accumulated credits). Choose from a combination of:	
Practicum (NAS 209).....	2-4
Practicum (NAS 309).....	2-6
Practicum (NAS 409).....	2-8

## Native American Studies Courses

### LOWER DIVISION COURSES

#### NAS 209 Practicum

Credits to be arranged

#### NAS 268 Introduction to Native American Studies

4 credits

Introduces the indigenous peoples of North America through history, art, music, culture, literature, and oral tradition. Focuses on creation through the prophecy period. Provides a foundation for other course offerings. Incorporates experiential learning through attendance at Native American events.

#### NAS 270 Introduction to Intertribal Dance

4 credits

Provides an overview of the powwow and its basic structure, protocol, and key participants. Discusses traditional and contemporary concepts, as well as how they are related to the dancer, community, and Indian country. A daily dance class applies relevant teachings and concepts of intertribal and social dances. Enhances student understanding, participation, and respect for the powwow and Native America.

### UPPER DIVISION COURSES

#### NAS 309 Practicum

Credits to be arranged

#### NAS 368 Native American Topics: Historical

4 credits

Uses Native voices to examine the historical period and prophecy to 1890. Presents material from the perspective of the indigenous peoples relative to the foretold coming of a new people, colonization, and westward expansion. Examines the impact upon Native life relative to federal and state policies, land acquisition and treaties, removals, reservation and boarding school development, and the major changes in the lifestyles and culture of Native America. NAS 268 recommended.

### NAS 407/507 Seminar

1 to 4 credits

(Cross-listed with ED 407/507.)

### NAS 409 Practicum

2 to 8 credits

### NAS 468 Native American Topics: Contemporary

4 credits

Progresses from 1890 to contemporary times. Examines Native American culture, history, art, literature, music, and dance. Explores applications of Native wisdom and knowledge correlating to the student's major program of study. Promotes the concept of inclusion by bridging cultures to eliminate stereotypical imaging. NAS 268 and 368 recommended.

## Philosophy

Central 253

541-552-6034

Prakash Chenjeri, Coordinator

The philosophy program is part of the Department of Language, Literature, and Philosophy. Philosophy offers minors in philosophy and ethics. Philosophy courses also support interdisciplinary programs and degrees such as women's studies, international peace studies, environmental studies, and honors. Several courses fulfill University Studies requirements. The program offers classes for all students who would like to clarify their thinking and explore the great questions, such as the meaning of life, the nature of reality, right and wrong, knowledge, and language.

## Requirements for the Minors

### Philosophy Minor

The philosophy minor comprises at least 24 credits in philosophy, 12 of which must be upper division.

#### Required Courses

Introduction to Philosophy (PHL 201).....

A minimum of 8 credits from the following:

History of Western Philosophy (PHL 301, 302, 303)..... 4 each

A minimum of 4 credits from the following:

Ethics: Moral Issues (PHL 205).....

Moral Theory (PHL 323) .....

Indian Ethics: The River of Dharma (PHL 326) .....

Science and Religion: Critical Explorations (PHL 329)..... 4

Women and Ethics (PHL 426) or other approved ethics courses.....

### Ethics Minor

The ethics minor comprises at least 24 credits of philosophy and ethics courses, 12 of which are upper division.

#### Required Courses

Ethics: Moral Issues (PHL 205).....

A minimum of 8 credits from the following:

Moral Theory (PHL 323) .....

Indian Ethics (PHL 326).....

Women and Ethics (PHL 426).....

Issues in Bioethics (PHL 420).....

A minimum of 4 credits from the following (or from other approved ethics courses):

Business Ethics (BA 476) .....

Biology and Society (BI 382) .....

Ethics and the Law in the Digital Millennium (PHL 310).....

Mass Media Ethics (COMM 491) .....

## Philosophy Courses

### LOWER DIVISION COURSES

#### PHL 199 Special Studies

Credits to be arranged

#### PHL 201 Introduction to Philosophy

4 credits

Introduces philosophy's basic questions, including the nature of reality, personal identity, religion, art, the world we live in, right and wrong, mind and body, and knowledge. Approved for University Studies (Explorations).

#### PHL 203 Introduction to Logic

4 credits

Addresses how to recognize and think about arguments, reasonings, and proofs. One-third of the course focuses on informal logic (thinking about actual arguments made in English), while the remaining two-thirds is devoted to formal logic (using symbols to analyze valid and invalid arguments).

#### PHL 205 Ethics: Moral Issues

4 credits

Includes an introduction to ethics and an exploration of important issues, such as war and peace, the ethics of personal relationships, racism, animal rights, and the environment. Approved for University Studies (Explorations).

### UPPER DIVISION COURSES

#### PHL 301, 302, 303 History of Western

#### Philosophy

4 credits each

Explores Western philosophy, beginning with ancient Greece and continuing to the present. Courses do not have to be taken in sequence, but it is strongly recommended that students take PHL 302 before PHL 303.

#### PHL 310 Information Technology: Legal and Ethical Issues

4 credits

Investigates the ethical and legal implications of the products, activities, and behaviors of digital-technology users, with emphasis on U.S. laws and technology. Examines digital works, copyright laws, software, and business practice patents, in addition to significant court cases that raise fundamental constitutional issues. Explores the complexity of morals and laws in the midst of digital technology. Fosters the insight and discipline necessary to form sound moral and legal positions in the digital world. Approved for University Studies (Synthesis/Integration). Prerequisites: Completion of all lower division University Studies requirements and sophomore standing. (Cross-listed with CS 310.)

**PHL 323 Moral Theory**

4 credits

Offers a critical analysis of major ethical theories, including relativism, utilitarianism, duty ethics, virtue ethics, and recent developments, such as the ethics of care. Prerequisites: USEM 102 and sophomore standing.

**PHL 326 Indian Ethics**

4 credits

Offers a philosophical study of both classical and contemporary Indian ethics. Addresses such fundamental ethical questions as: What should we be doing, and why should we do it? Introduces students to the rich, ageless tradition of Indian ethics. Drawing on sources Indian and Western, classical and contemporary, the course explores key ethical concepts (e.g., dharma, karma, and moksha) and demonstrates an organic relationship among ethics and religion, philosophy, and social culture. Prerequisites: USEM 102 and sophomore standing.

**PHL 329 Science and Religion: Critical Explorations**

4 credits

Surveys the main issues in the interaction between science and religion. Topics include the nature of science and the scientific method, religion and religious worldviews, physics and Big Bang cosmology, evolution and genetics and implications for religious beliefs, models of interaction between science and religion, and recent research and scholarship in the science-religion debate. Prerequisite: Sophomore standing.

**PHL 330 Science, Democracy, and Citizenship**

4 credits

Explores the place of values in science and how it cuts across numerous debates in the philosophy, history, and social studies of science. Studies the place of values in science and how the practical implications are as deep as its philosophical implications. Considers the fundamental ideals of modern societies, such as rationality and progress, and how they are grounded in certain conceptions of science. Students are equipped to navigate through the complex issues of fact and value. Surveys various issues in the debate about the place of values and its ramifications. Prerequisite: Completion of Explorations courses or sophomore standing.

**PHL 339 History and Philosophy of Science**

4 credits

Considers the nature of scientific reasoning. Analyzes basic scientific concepts, such as explanation, hypothesis, and causation. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with SC 339.)

**PHL 340 Death and Dying: Multidimensional Explorations**

4 credits

Addresses many questions about death, including how it is defined in physical terms; how it is viewed by various cultures, times, and religions; and what insights the arts, and especially philosophy, can offer regarding the existential,

moral, and metaphysical dimensions of death. Approved for University Studies (Synthesis). Prerequisite: Completion of all lower division University Studies requirements.

**PHL 348 Philosophy of Religion**

4 credits

Studies specific issues arising from reflection on such topics as the nature of faith, proofs of the existence of God, the nature of divine attributes, the problem of evil, and religious ethics. Considers similar issues as they arise in Eastern religions. Prerequisites: USEM 102 and sophomore standing.

**PHL 399 Special Studies**

4 credits

**PHL 401/501 Research**

Credits to be arranged

**PHL 403/503 Thesis**

Credits to be arranged

**PHL 405/505 Reading and Conference**

Credits to be arranged

**PHL 407/507 Seminar**

Credits to be arranged

**PHL 409/509 Practicum**

Credits to be arranged

**PHL 420 Topics in Contemporary Philosophy**

4 credits

Topics are offered on the basis of interest. Past subjects include death and dying, biomedical ethics, analytic philosophy, and phenomenology and existentialism. Prerequisites: USEM 102, junior standing, and at least one course in philosophy.

**PHL 425/525 Feminism and Philosophy**

4 credits

Examines the nature of feminism and explores current feminist thinking in the philosophies of knowledge and language, as well as metaphysics, religion, and aesthetics. Prerequisites: USEM 102, junior standing, and at least one course in philosophy or women's studies.

**PHL 426/526 Women and Ethics**

4 credits

Examines the ethic of care and offers a multicultural exploration of contemporary women's writings on values (e.g., truth, love, and justice); issues of difference and oppression (e.g., gender, race, class, ability, age, sexual preference, and identity); and questions of birth and death, war and peace, animal rights, and ecology. Prerequisites: USEM 102, junior standing, and at least one course in philosophy or women's studies.

**Religion Courses****LOWER DIVISION COURSES****REL 201, 202 Religion and the Human Experience**

4 credits each

Examines religion as a human experience and traces its influence on human concepts of spiritual, cultural, and physical reality. Explores the

beliefs and practices of five religious traditions (Judaism, Christianity, Islam, Hinduism, and Buddhism) and their influence on the cultural understanding of the individual; the world and the cosmos; the roles of the individual and the community; social, commercial, and governmental structures; and gender, race, and age. Addresses the influence of religion and religious practice on the philosophy, literature, music, and fine art of a culture. Approved for University Studies (Explorations).

**Physics**

Science 166

541-552-6475

Professors: Panos J. Photinos, Peter Wu

Associate Professors: George Quainoo

Assistant Professors: Ellen Siem

Adjunct Faculty: Sidney C. Abrahams

The physics program is part of the Department of Chemistry, Physics, Materials, and Engineering. The physics major prepares students for careers in physics, including astronomy; astrophysics; cosmology; electronics; elementary particles and high-energy physics; environmental and atmospheric physics; forensics; health; high school teaching; materials science and nanotechnology; medical and nuclear physics; and theoretical, computational, and mathematical physics. A BS or BA in physics is also excellent preparation for a career in law, medicine, or engineering (see the *Applied Physics Option* and the *Physics-Engineering Dual Degree Option* sections). Through hands-on training, students acquire valuable technical and research skills. Our graduates have strong placement records at industries in the state of Oregon and at graduate and professional schools nationwide.

**Degrees**

BA or BS in Physics in the Standard Physics Option

BS in Physics in the Applied Physics Option, the Materials Science Option, the Engineering Physics Option, and the Physics-Engineering Dual Degree Option

**Co-Major**

Business-Physics

**Minor**

Physics

**Engineering**

The Department of Physics offers a preprofessional engineering program equivalent to the program at Oregon State University. Students completing this program typically apply for admission to the professional engineering program (junior standing) at Oregon State University in agricultural, chemical, civil, computer, electrical, environmental, industrial, mechanical, or nuclear engineering. Refer to the *Engineering* section for more details.

**Accelerated Baccalaureate Degree Program**

Physics majors may participate in the Accelerated Baccalaureate Degree Program, which enables students to complete the physics degree

requirements in three years. For more information, please see the *Accelerated Baccalaureate Degree Program* section or visit our website at [sou.edu/abp](http://sou.edu/abp).

## Degree Programs

Five degree options are available for physics majors:

1. The Standard Option. Emphasizes the coursework expected of students planning graduate studies in physics or a closely related field. SOU offers a complete upper division physics curriculum.
2. The Applied Option. Prepares students for industrial employment or graduate work in applied physics, including nanotechnology, biophysics, medical physics, environmental physics, and geophysics.
3. The Materials Science Option. Emphasizes the materials aspects of physical science, including composites, nanoparticles, and polymers. This option is offered in cooperation with the University of Oregon (UO) Materials Science Institute.
4. The Engineering Physics Option. Prepares students for graduate school or careers at technical companies. Coursework is designed with flexibility that allows students to focus on their engineering emphasis of choice (e.g., biomedical, chemical, electrical/computer, environmental engineering).
5. The Physics-Engineering Dual Degree Option. Allows a student to earn a BS in physics from Southern Oregon University and a BS in engineering from Oregon State University. At SOU, students can complete all of the engineering requirements for admission to the chosen department of the OSU professional engineering program and most of the requirements for the SOU applied physics option. At OSU, students in this program complete SOU's physics degree requirements, along with OSU's professional engineering requirements. Students are eligible to receive a degree from SOU upon completion of the University's requirements and a minimum of 24 credits of upper division engineering at OSU. This program provides many career options for students interested in physics and engineering.

## Teacher Licensing

Students who would like to teach physics at the middle school or high school level in Oregon public schools must complete a bachelor's degree in physics before applying for admission to SOU's Master of Arts in Teaching (MAT) program. Interested students should consult the Physics Department chair.

## Requirements for the Major

Candidates for a bachelor's degree in physics must:

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Complete the core requirements for the physics major.
3. Complete the requirements for one of the following options: the Standard Option, the Applied Physics Option, the Materials Science Option, the Engineering Physics Option, or the Physics-Engineering Dual Degree Option.
4. Complete all of the upper division coursework for the major with a GPA of 2.5 or greater.
5. Complete the applicable capstone requirements.

### Core Requirements

(55 credits)

The following courses are required of all physics options:

General Chemistry (CH 201, 202, 203) .....	9
General Chemistry Lab (CH 204, 205, 206) .....	6
Calculus I (MTH 251) .....	4
Calculus II (MTH 252) .....	4
General Physics (PH 221, 222, 223) or General Physics (PH 201, 202, 203) and Problem Solving in the Sciences (PH 220) .....	12
General Physics Lab (PH 224, 225, 226) .....	6
Methods of Research in Physics (PH 331, 332) .....	2
Modern Physics (PH 341) and Modern Physics Lab (PH 344) .....	5
Mathematical Methods for the Physical Sciences (PH 371) .....	4
Computer Methods (PH 380), Computer Applications in Chemistry (CH 371), or Computational Methods in Engineering (ENGR 373) .....	3

### Additional Requirements

#### STANDARD OPTION

Complete 34 credits for the BS (or 25 credits for the BA) from the following:

PH 333, 336, 339, 354, 361, 362, 416, 417, 424, 425, 431, 432, 439, 441, 461, and 471.	6–9
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#### APPLIED PHYSICS OPTION

Complete 28 credits from the following:

ENGR 201, 211, 212 .....	6–9
ENGR 311, 322, 323, 333, 336, 339, 373, 374, 461, 474; PH 416, 417, 424, 425, 431, 432, 441, 471 .....	19–22

#### MATERIALS SCIENCE OPTION

Complete all of the following requirements:

ENGR 201, 211, 212 .....	9
ENGR 374, 375, 461, 474, 475; PH 434 .....	19
23 credits from the following courses: CH 334, 335, 336, 337, 340, 341, 371, 411, 414, 441, 442, 443, 444, 445; ENGR 311, 322, 323, 333, 336, 339; PH 416, 424, 425, 431, 432, 471; and MTH 421	

#### ENGINEERING PHYSICS OPTION

Complete ENGR 101, 102, 103, 201, 211, 212, 311, 322, and 323.

Complete 24 credits from the following: PH 333, 336, 339, 416, 424, 425, 431, 432, 439, 441, 471.

Complete 6 credits of the engineering practicum (ENGR 409) in a departmentally approved engineering capstone project.

#### PHYSICS-ENGINEERING DUAL DEGREE OPTION

Complete 28 credits from the following:

ENGR 201, 211, 212 .....	6–9
Upper division physics electives (choose from PH 333, 336, 339, 354, 361, 362, 416, 424, 431, 439, 441, 461 or departmentally approved upper division engineering or wood science and technology courses at OSU) .....	19–22

## Capstone Experience

The departmental capstone requirement is the culmination of the undergraduate educational experience. In the junior year, students must register for PH 331 in winter and PH 332 in spring; these courses will familiarize students with the research of three different faculty members. During the second half of the spring quarter, students submit a capstone proposal for departmental approval after consulting with an appropriate faculty member who has agreed to assume supervisory responsibility. During the senior year, students earn 3–6 credits for the capstone project through approved activities. Possible capstone experiences include an approved independent research project, practicum project, cooperative education experience, or summer internship program. Upon completion, the project should be described and analyzed through a written and oral report to the department and an approved group of peers.

## Requirements for the Minor

A total of 56 credits is required for the minor in physics.

#### LOWER DIVISION

(41 credits)

General Chemistry (CH 201, 202, 203) .....	9
General Chemistry Lab (CH 204, 205, 206) .....	6
Calculus I (MTH 251) .....	4
Calculus II (MTH 252) .....	4
General Physics (PH 221, 222, 223) or General Physics (PH 201, 202, 203) and Problem Solving in the Sciences (PH 220) .....	12
General Physics Lab (PH 224, 225, 226) .....	6

#### UPPER DIVISION

(15 credits)

Modern Physics (PH 341) .....	3
Modern Physics Laboratory (PH 344) .....	2
Mathematical Methods for the Physical Sciences (PH 371) .....	4
Physics electives (upper division) .....	6

## Physics Courses

### LOWER DIVISION COURSES

#### PH 100 Fundamentals of Physics

3 credits

Introduces physics, with an emphasis on the relationship of physics to everyday experience. Uses physics principles to examine common questions about the universe. Concurrent enrollment in PH 104 recommended. Three 1-hour lectures. Approved for University Studies (Explorations).

#### PH 104 Fundamentals of Physics Laboratory

1 credit

Laboratory activities designed to complement PH 100. One 2-hour laboratory. Approved for University Studies (Explorations).

#### PH 112 Astronomy: The Solar System

3 credits

Introduces astronomy, with an emphasis on the solar system. Topics include the origin and history of the solar system; the sun, planets, and moons; comets, meteoroids, and asteroids; a discussion of life in the universe; and the instruments and techniques used in the study of astronomy. Approved for University Studies (Explorations) if taken with PH 114.

#### PH 113 Astronomy: The Stars

3 credits

Introductory stellar astronomy. Explores historical and contemporary ideas about the origin and evolution of stars, galaxies, and the universe; cosmology; and the techniques and instruments of deep space astronomy. Approved for University Studies (Explorations) if taken with PH 115.

#### PH 114 Astronomy Workshop: The Solar System

1 credit

Practical exercises to accompany PH 112. Corequisite: PH 112. Approved for University Studies (Explorations).

#### PH 115 Astronomy Workshop: The Stars

1 credit

Practical exercises to accompany PH 113. Corequisite: PH 113. Approved for University Studies (Explorations).

#### PH 174 Digital Systems and Robotics

3 credits

Introduces the basics of digital electronics and the fundamentals of robotics. Topics include simple logic, truth tables, logic gates, voltage, currents, power, TTL chips, sensors, servos, and some practical applications. Cross-listed with ENGR 174.

#### PH 175 The Science and Technology of Nanoparticles

3 credits

Introduces nanoparticles and nanoparticle technology. Focuses on the basic concepts, tools, and applications of nanoparticles to fields such as medicine, energy, electronics, and mechanics. Provides a historical perspective and an understanding of the relationship between nanopar-

ticles and materials science. Cross-listed with ENGR 175. Approved for University Studies (Explorations).

#### PH 176 The Science and Technology of Materials

3 credits

Introduces basic concepts of materials science and the microstructure-property relationships in various classes of materials such as metals, ceramics, polymers, composites, and semiconductors. Topics include fundamental characterization techniques and application to science and technology. Cross-listed with ENGR 176.

#### PH 190 Calculus for Physics

2 credits

For students who wish to begin PH 221 before completing MTH 252 or who need to review calculus while taking PH 221. Uses an intuitive approach to the calculus of derivatives and integrals. States and uses elementary theorems without proofs. Meets four hours a week for the first five weeks of the term. Offered P/NP only. Prerequisites: MTH 251 and previous or concurrent enrollment in MTH 252. Corequisite: PH 221.

#### PH 199 Special Studies

Credits to be arranged

#### PH 201 General Physics I

3 credits

Algebra-based introduction to general physics for science majors. Emphasizes the application of the major concepts of classical and modern physics and the mathematical techniques of problem solving. Topics covered include statistics, equations of linear and rotational motion, Newton's laws, work and energy for linear and rotational motion, and the law of universal gravitation. Concurrent enrollment in PH 224 is recommended and is required for University Studies credit. Approved for University Studies (Explorations). Prerequisite: Previous or concurrent enrollment in MTH 112.

#### PH 202 General Physics II

3 credits

Topics covered include simple harmonic motion, fluids, heat, ideal gas law, kinetic theory of gases, thermodynamics, sound, waves, and electric force and potential. Concurrent enrollment in PH 225 is recommended and is required for University Studies credit. Approved for University Studies (Explorations). Prerequisite: PH 201.

#### PH 203 General Physics III

3 credits

Studies electrical energy and field, circuits, magnetic force and field, electromagnetic induction and waves, light, optics, and interference. Concurrent enrollment in PH 226 recommended. Prerequisite: PH 202.

#### PH 209 Practicum

Credits to be arranged

#### PH 220 Problem Solving in the Sciences

3 credits

Calculus applications to selected topics in physics. Required for students from the PH 201 sequence who plan on pursuing the physics major or minor. Prerequisite: MTH 112.

#### PH 221 General Physics I

4 credits

Studies the principles necessary for further study in the physical sciences, engineering, and modern biology. Calculus-based topics include statics, equations of linear and rotational motion, Newton's laws, work and energy for linear and rotational motion, and the law of universal gravitation. Three lectures and one recitation. Approved for University Studies (Explorations). Prerequisite: MTH 251 or MTH 252 with concurrent enrollment in PH 190. Corequisite: PH 224.

#### PH 222 General Physics II

4 credits

Covers the physics principles necessary for further study in the physical sciences, engineering, and modern biology. Topics include mechanics, waves, sound, thermodynamics, electricity and magnetism, and optics. Three lectures and one recitation. Approved for University Studies (Explorations). Prerequisite: PH 221. Corequisite: PH 225.

#### PH 223 General Physics III

4 credits

Examines the physics principles necessary for further study in the physical sciences, engineering, and modern biology. Topics include mechanics, waves, sound, thermodynamics, electricity and magnetism, and optics. Three lectures and one recitation. Approved for University Studies (Explorations). Prerequisite: PH 222. Corequisite: PH 226.

#### PH 224 General Physics Laboratory I

2 credits

Laboratory activities designed to complement PH 201 or 221. One 3-hour laboratory. Approved for University Studies (Explorations).

#### PH 225 General Physics Laboratory II

2 credits

Laboratory activities designed to complement PH 202 or 222. One 3-hour laboratory. Approved for University Studies (Explorations).

#### PH 226 General Physics Laboratory III

2 credits

Laboratory activities designed to complement PH 203 or 223. One 3-hour laboratory. Approved for University Studies (Explorations).

### UPPER DIVISION COURSES

#### PH 308 Energy and the Environment

3 credits

Offers a systematic study of current energy-related issues, with an emphasis on the environmental impact of energy production and use. Discussions focus on resource limitations, social values, economics, and the politics accompanying energy issues. Offers an introductory-level review of the physics of energy and analysis

methods. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**PH 309 Energy Alternatives**

3 credits

Explores the soft energy paths that have emerged from the general awareness of resource limitations. Topics include alternative energy options available to a modern society at both global and local levels and the many facets of solar energy technology, wind, biomass, hydrogen, and energy efficiency. Approved for University Studies (Integration). Prerequisites: Completion of all lower division University Studies requirements.

**PH 310 Energy Policy**

3 credits

Explores major energy issues and the processes and players involved in developing and implementing energy policy. Discussion includes technological and social aspects of associated economic, environmental, and equity tradeoffs. Issues such as global change, electricity industry restructuring, and the hydrogen economy are investigated, as well as energy markets and energy systems planning. Case studies are used to focus the discussions on real situations. Approved for University Studies (Integration).

**PH 312 Space, Time, and the Cosmos**

3 credits

Introduces the basic concepts of modern physics for non-science majors. Major topics include the theories of relativity, quantum mechanics, particle physics, and cosmology. Covers black holes, curved space, and models of the universe. Approved for University Studies (Integration). Prerequisites: Upper division standing and completion of all lower division University Studies requirements.

**PH 313 Acoustics, Sound, and Music**

3 credits

Surveys the production of sound in nature and by musical instruments. Emphasizes the scientific analysis of sound characteristics and sound production, from ancient instruments to synthesizers and computers. Approved for University Studies (Synthesis/Integration). Prerequisites: Upper division standing and completion of all lower division University Studies requirements.

**PH 314 Light, Vision, and Optical Phenomena**

3 credits

Introduces the basic laws of light, optical instruments, natural and optical phenomena, and vision. Covers the production, transmission, and detection of light; photography; and the processing of optical/visual information. Approved for University Studies (Synthesis/Integration). Prerequisites: Upper division standing and completion of all lower division University Studies requirements.

**PH 315 Cosmology**

3 credits

Discusses cosmological models through the ages and cultures. Covers forces and fields in the universe, as well as prevailing theories of cosmology, assumptions, supporting observational evidence, predictions for the future of the universe, and their ancient parallels. Approved for University Studies (Synthesis/Integration). Prerequisites: Upper division standing and completion of all lower division University Studies requirements.

**PH 331 Methods of Research in Physics I**

1 credit

Introduces ongoing experimental and theoretical research in the department. Juniors should register for this course during winter term. P/NP only. Prerequisite: PH 344.

**PH 332 Methods of Research in Physics II**

1 credit

Preparation of capstone proposal with a selected mentor. Juniors should register for this course during spring term. P/NP only. Prerequisite: PH 331.

**PH 333 Optics and Waves**

3 credits

Offers an introduction to optics for science majors. Topics include imaging systems, wave theory, aberrations, diffraction, and interference. Prerequisites: MTH 252; PH 203 or 223. (Cross-listed with ENGR 333.)

**PH 336 Optics Laboratory**

1 credit

Laboratory course in optics designed to complement PH 333. Provides practical experience with lasers, optical devices, imaging systems, and fiber optics. One 3-hour laboratory. Prerequisite or corequisite: PH 333. (Cross-listed with ENGR 336.)

**PH 339 Lasers**

3 credits

Designed for physics, chemistry, biology, and engineering majors. Covers the fundamental types of lasers, as well as the operational characteristics and applications of lasers in physics, chemistry, communications, engineering, industry, and medicine. Two lectures and one 3-hour laboratory. Prerequisite: PH 203 or 223.

**PH 341 Modern Physics**

3 credits

Introduces special relativity, quantum theory, the electronic structure of atoms, and selected topics, including band theory of solids, nuclear structure, accelerators and elementary particles, and cosmology. Prerequisites: MTH 252; PH 203 or 223.

**PH 344 Modern Physics Laboratory**

2 credits

Includes experiments in modern physics. Emphasizes measurements that give values for the fundamental constants of nature, such as the electronic charge or Planck's constant, along with computer-based data analysis. Six hours of open laboratory. Prerequisites: PH 226 and previous or concurrent enrollment in PH 341.

**PH 354 Thermal Physics**

4 credits

Offers a statistical approach to thermodynamics. Employs the fundamental ideas of probability for small systems of particles to derive concepts such as entropy, internal energy, and chemical potential. Covers applications to a wide variety of classical and quantum systems. Prerequisites: MTH 252; PH 203 or 223.

**PH 361 Digital Electronics**

4 credits

Introduces digital circuits, with emphasis on applications in scientific instrumentation. Topics include logic functions, gates, latches, flip-flops, combinational and sequential logic, and interfacing analog and digital circuits. Three lectures and one 3-hour laboratory. Approved for University Studies (Integration). Prerequisite: MTH 111.

**PH 362 Analog Electronics**

4 credits

Introduces the design and troubleshooting of AC and DC analog circuits. Topics include filters, rectifiers, power supplies, and amplifiers. Three lectures and one 3-hour laboratory. Prerequisite: MTH 252.

**PH 371 Mathematical Methods for the Physical Sciences**

4 credits

Previews basic applied mathematical methods for intermediate students in the physical sciences. Covers infinite series, complex functions, partial differentiation, multiple integration, and vector analysis. Prerequisite: MTH 252.

**PH 380 Computer Methods**

3 credits

Introduces the use of computers for problem solving in science and engineering. Applies programming techniques to integration, differentiation, and modeling. Prerequisites: MTH 252; PH 201 or 221.

**PH 399 Special Studies**

Credits to be arranged

**PH 401/501 Research**

Credits to be arranged

Prerequisite: PH 331.

**PH 403/503 Thesis**

Credits to be arranged

**PH 405/505 Reading and Conference**

Credits to be arranged

**PH 407/507 Seminar**

Credits to be arranged

**PH 408/508 Workshop**

Credits to be arranged

**PH 409/509 Practicum**

Credits to be arranged (maximum 15 undergraduate credits)

**PH 411/511 Physics Laboratory and Instruction Practices**

1 to 3 credits

Involves preparation for instruction of general physics laboratory courses. Students intern with a faculty mentor to prepare lower division lab classes or lecture demonstration materials. Students obtain direct, hands-on experience with preparation for K-12 or graduate school teaching assignments. Prerequisite: Senior standing.

**PH 416/516 Quantum Physics I**

4 credits

Introduces the basic principles of quantum mechanics, including wave-particle duality, the Schrodinger equation for elementary potentials, the interpretation of the wave function, uncertainty relations, and operators. Prerequisites: PH 341 and 371.

**PH 417/517 Quantum Physics II**

3 credits

Examines principles of quantum mechanics, including the three-dimensional Schrodinger equation, the hydrogen atom, angular momentum, spin and spin systems, perturbation theory, and radiation. Prerequisite: PH 416.

**PH 424/524 Analytical Mechanics I**

4 credits

Studies the basic laws of motion in the Newtonian formalism. Topics include dynamics of particles, rigid bodies, conservation laws, and oscillations. Prerequisites: PH 223 and 371.

**PH 425/525 Analytical Mechanics II**

4 credits

Covers generalized coordinates, variational principles, and the Lagrangian and Hamiltonian formalisms. Prerequisite: PH 424.

**PH 431/531 Electricity and Magnetism**

4 credits

Studies static electricity and magnetism. Topics include Coulomb's law, electric field, Gauss' law, the scalar potential, electrostatic energy, and interactions with matter. Prerequisites: PH 223 and 371.

**PH 432/532 Electricity and Magnetism**

4 credits

Examines electric and magnetic fields and their interactions with matter. Introduces Ampere's law, magnetic induction, Faraday's law, the vector potential, magnetic energy, Maxwell's equations, and electromagnetic waves. Prerequisite: PH 431.

**PH 434 Advanced Physics Laboratory (Various Topics)**

1 to 2 credits

Selected experiments in physics and materials characterization techniques. Students may enroll for a total of 3 credits under this course number. Prerequisite: PH 226 or ENGR 226.

**PH 441/541 Introduction to Nuclear and Particle Physics**

3 credits

Explores the theory and experimental techniques of nuclear reactions and elementary particle physics. Prerequisite: PH 341.

**PH 451/551 Topics in Atmospheric Physics**

3 credits

Involves studies of the sun-driven processes that occur in space near the Earth. Topics include thermodynamic and transport processes, measurement methods, computational modeling, and applications to environmental studies. Prerequisite: PH 223.

**PH 461/561 Solid State Physics**

4 credits

Explores crystal structure and binding; reciprocal lattice; and mechanical, thermal, electrical, optical, magnetic, and transport properties of solids. Prerequisite: PH 371.

**PH 471/571 Advanced Topics in Mathematical Physics**

3 credits

Examines tensor analysis, Fourier analysis, analytic function theory, partial differential equations, and integral equations. Strongly recommended for students in physics and engineering who are planning graduate studies. Prerequisite: PH 371.

**PH 475 Nanoparticles and Nanoparticle Technology**

3 credits

Introduces nanoparticles and nanoparticle technology to science majors. Provides a brief historical context. Explores nanoscale particle properties (mechanical properties and phase stability), nanoparticle design and fabrication, nanoparticle characterization, and nanoparticle applications. Emphasizes the relationship between the internal structure of a nanoparticle and its properties. Prerequisite: PH 223.

**PH 499 Capstone Project**

1 to 2 credits a term (maximum 6 credits)

Involves research inside or outside the department under supervision of a physics faculty member. Project proposals are submitted and reviewed in PH 331 and 332 during the spring term of the student's junior year. Requires prior departmental approval, a written progress report each term, and a seminar or symposium presentation at the completion of the project. Prerequisites: PH 331, 332, and senior standing.

**Equivalencies for Physics and Engineering Courses**

The following courses are cross-listed in physics and engineering:

ENGR 221-3 = PH 221-3  
 ENGR 224-6 = PH 224-6  
 ENGR 311 = PH 354  
 ENGR 322 = PH 362  
 ENGR 323 = PH 361  
 ENGR 333 = PH 333  
 ENGR 336 = PH 336  
 ENGR 371 = PH 371  
 ENGR 373 = PH 380  
 ENGR 461 = PH 461  
 ENGR 475 = PH 475

**Political Science**

Taylor 120A

541-552-6123

Gary Miller, Chair

Associate Professor: William Hughes

Assistant Professor: Paul Pavlich

Adjunct Faculty: Sue Densmore

The political science program is part of the History and Political Science Department. The mission of the political science program is to promote in our students an appreciation for the rich history and dynamics of political thought and life. Political science at SOU encourages an awareness of our students' obligations as citizens, their potential as active participants in public life, and their connections through political and cultural institutions to the rest of the world.

The political science program provides a solid liberal arts curriculum that prepares students for active engagement in public and private settings with a keen understanding of political institutions and processes. The curriculum, with its emphasis on political behavior, law, public opinion research, and political thought, is designed to interface with a variety of other majors. In particular, the department strives to engender in students a balance between the theoretical and philosophical "politics of ideas" and the pragmatic applied processes and behaviors of "politics on the street." Through service-learning and internship programs, the program offers students experiences in politics, government, law, and social research. The political science faculty provides active mentorship to students seeking academic challenge and community involvement.

**Degrees**

BA or BS in Political Science

**Minor**

Political Science

**Requirements for the Major**

Students pursuing a major in political science must meet the following requirements:

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Maintain a minimum cumulative 2.5 GPA in all political science courses.
3. Complete the following core courses (16 credits):

(Choose two) Globalization (PS 110); Power and Politics (PS 201); or Law, Politics, and the Constitution (PS 202) ..... 8  
 Research Methods (PS 398) ..... 4  
 Senior Seminar (PS 498) ..... 4

4. Select Track 1 (Politics, Law, and Strategic Studies) or Track 2 (Community Organizing).

**TRACK 1: POLITICS, LAW, AND STRATEGIC STUDIES (32 CREDITS TOTAL).**

American Politics and Processes (select two courses): Politics of Mass Media (PS 310), Public Opinion and Survey Research (PS 311), American Politics (PS 313), Politics and Film (PS 360), Public Policy and the Environment (PS 428), Topic-related courses (PS 399, 401, 403, 407, 409, and 469) .....	8
Public Law (select two courses): Law, Science, and the Environment (PS 340), The Constitution and the Supreme Court (PS 341), The Constitution and the Presidency (PS 343), Environmental Law and Policy (PS 441), Topic-related courses (PS 399, 401, 403, 407, 409, and 469) .....	8
Global and Strategic Studies (select two courses): Global Politics (PS 355), Twentieth-Century Revolutions (PS 372), American Foreign Relations (PS 450), U.S.-Latin American Relations (PS 454), Terrorism (PS 458), Topic-related courses (PS 399, 401, 403, 407, 409, and 469) .....	8
Community-Based Learning (select 4 credits): Public Opinion and Survey Research (PS 311), Business, Government, and Nonprofits (PS 321), Political Campaigns (PS 324), Government Relations and Public Policy (PS 417), Nonprofit Grantwriting and Government Relations (PS 430A), and Nonprofit Volunteerism, Board Development, and Community Mobilization (PS 430B) .....	4
One additional upper-division political science course .....	4

**TRACK 2: COMMUNITY ORGANIZING****(32 CREDITS TOTAL). STUDENTS MUST TAKE EACH OF THE FOLLOWING COURSES:**

Public Opinion (PS 311).....	4
American Politics (PS 313) .....	4
Business, Government, and Nonprofits (PS 321).....	4
Political Campaigns (PS 324).....	4
Practicum (PS 409) .....	TBD
Government Relations and Public Policy (PS 417) .....	4
Public Policy and the Environment (PS 428).....	4
Nonprofit Grantwriting and Government Relations (PS 430A).....	2
Nonprofit Volunteerism, Board Development, and Community Mobilization (PS 430B).....	2

**Minors****POLITICAL SCIENCE***(minimum 24 credits)*

Globalization (PS 110); Power and Politics (PS 201); or Law, Politics, and the Constitution (PS 202) .....	4
Research Methods (PS 398).....	4
At least 16 additional credits with 12 credits at the upper division level.....	16

**Political Science Courses****LOWER DIVISION COURSES****PS 110 Globalization**

4 credits

Introduces the nature of politics and markets, paying special attention to the politics of the United States in an interdependent world of nation-states. Also explores other actors, such as the United Nations, Amnesty International, multinational corporations, and terrorist groups. Addresses the question of how an international community can respond to pressing

global problems, such as environmental degradation, the need for peacekeepers, and rapid technological change. Approved for University Studies (Explorations).

**PS 199 Special Studies**

Credits to be arranged

**PS 201 Power and Politics**

4 credits

Explores the dynamics of power in the pursuit of political objectives. Analyzes social, political, economic, and cultural power with particular emphasis on political institutions of the United States. Distinguishes between power and force. Approved for University Studies (Explorations).

**PS 202 Law, Politics, and the Constitution**

4 credits

Examines the formal, legal underpinnings of legitimate authority by examining the constitutional structure of the United States. Approved for University Studies (Explorations).

**PS 260 Politics and Film**

4 credits

Explores the role of feature film as an expression of prevailing political culture. Offers a better understanding of how film serves simultaneously as a political archive and a potential agent of social propaganda or social change.

**UPPER DIVISION COURSES****PS 310 The Politics of Mass Media**

4 credits

Examines the impact of politics on the development of mass media and the influence of mass media on political development. Offers a critical analysis of historical and contemporary American mass media treatment of political actors and events in the U.S. and around the world. Topics include partisan, ideological, and corporate biases in the press; the political relevance of "entertainment" programming; the development of "investigative reporting"; and the emergence of web-based political publications as challengers to the dominance of traditional electronic and print media. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**PS 311 Public Opinion and Survey Research**

4 credits

Covers the techniques of opinion-gathering and measurement. Students explore the literature of survey research and conduct actual polls of their campus and community. Essential course for students seeking a career in politics, management, or business.

**PS 313 American Politics**

4 credits

Reviews the institutions, founding principles, and processes of government in America. Topics include the founding of the Constitution, federalism, the presidency, Congress, the judiciary, civil liberties, political parties, pressure groups, and elections.

**PS 321 Business, Government, and Nonprofits**

4 credits

Looks closely at the underlying principles, values, and prescribed role of the for-profit sector, the public sector, and the nonprofit sector primarily in American society. The sector the organization resides in affects how an organization acts, responds, creates relationships, and uses resources. Explores the coordination, cooperation, collaboration, and necessary relationships among the sectors. Approved for University Studies (Synthesis). Prerequisite: Completion of all lower division University Studies requirements. (Cross-listed with BA 320.)

**PS 324 Political Campaigns**

4 credits

Introduces modern American elections and the complex processes that influence them. Examines the basic techniques of organizing and implementing a political campaign, including relationships between candidates and the media, psychology of political oratory, campaign finance, grassroots organizing, and use of the Internet.

**PS 340 Law, Science, and the Environment**

4 credits

Examines the capacity of the legal system to satisfactorily resolve environmental and other disputes that require decision-makers to reach conclusions based on scientific evidence. Tracks a lawsuit or administrative proceeding involving environmental issues from beginning to end, exploring the difficulties scientists, lawyers, and juries face when trying to make sense of one another. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

**PS 341 The Constitution and the Supreme Court**

4 credits

Analyzes the Supreme Court as a political and legal institution. Examines the relationship between the Supreme Court and other courts, as well as other branches of government. Includes an examination of recent decisions of the Supreme Court interpreting the Constitution. (Cross-listed with HST 388.)

**PS 343 The Constitution and the Presidency**

4 credits

Examines political and legal disputes involving presidential powers or prerogatives, beginning with the Constitutional Convention of 1787. Charts the development of and changes to the presidency within the American political and constitutional system. (Cross-listed with HST 389.)

**PS 350 World Politics**

4 credits

Examines the nature and structure of the modern international state system, with reference to theory and practice. Emphasizes globalization and the impact of international developments on domestic politics. Approved for University Studies (Integration). (Cross-listed with IS 350.)

**PS 355 Global Politics**

4 credits

Examines the institutional transformation of global politics over the past half century. Students acquire a comprehensive understanding of the global political landscape through a combination of theory-based analyses of regional and international politics (alliances, non-governmental organizations, nation-states, international, hegemony) and comparative case studies of regime types around the world. Upper-division standing recommended.

**PS 372 Twentieth-Century Revolutions**

4 credits

Assesses historical developments, individuals, and transformations of the twentieth- and twenty-first centuries through the prism of revolutions and revolutionary movements. Focuses on revolutions in Mexico (1910 to 1940), Russia (1905 to 1928), China (1911 to 1958), and Cuba (1933 to 1970). Provides a thematic and comparative approach to the study of modern global history. HST 111, 112, or PS 110 (or equivalent) recommended. Prerequisites: Upper-division standing and completion of Explorations sequences in Humanities and Social Sciences. (Cross-listed with HST 372.)

**PS 382 Vietnam War and Film**

4 credits

Focuses on the impact of popular American motion pictures and major documentations of the Vietnam War on American history and culture thirty years after the end of the conflict. Promotes critical thinking about the Vietnam War to understand how historical, economic, social, and political conditions affected American cultural values and beliefs. Open to all majors. Prerequisites: Upper-division standing and completion of Explorations sequences in Humanities and Social Sciences. (Cross-listed with HST 382.)

**PS 398 Research Methods**

4 credits

Introduces the basic techniques of political science research and writing. Incorporates the Internet and government documents. Meets the computer literacy requirement for political science and international studies majors. (Cross-listed with IS 398.)

**PS 399 Special Studies**

Credits to be arranged

**PS 401/501 Research**

Credits to be arranged

**PS 403/503 Thesis**

Credits to be arranged

**PS 405/505 Reading and Conference**

Credits to be arranged

**PS 407/507 Seminar**

Credits to be arranged

**PS 409/509 Practicum**

Credits to be arranged

**PS 417/517 Government Relations and Public Policy**

4 credits

Examines the ways in which business and non-profit organizations influence U.S. politics and policy, including impacts on the legislative, executive, and judicial branches and the regulatory process. Covers techniques of campaign finance, lobbying, and shaping public opinion. Prerequisite: PS 313.

**PS 428/528 Public Policy and the Environment**

4 credits

Explores the historical, conceptual, and normative foundations of public resource administration.

**PS 430A/530A Nonprofit Grantwriting and Government Relations**

2 credits

Surveys a nonprofit manager's primary areas of responsibility, including strategic planning, organizational change and development, locating and securing grants, and developing outcome-based assessment tools. Emphasizes assessing and evaluating grants-based programs. (Cross-listed with MM 530A and BA 430A/530A.)

**PS 430B/530B Nonprofit Volunteerism, Board Development, and Community Mobilization**

2 credits

Surveys the nonprofit manager's areas of responsibility in leading volunteers, volunteer management, and board development and management. Emphasizes the importance of strategically mobilizing community involvement. (Cross-listed with MM 530B and PS 430B/530B.)

**PS 441/541 Environmental Law**

4 credits

Examines the major techniques and strategies used by policy-makers and regulators to protect and enhance the environment. Pays special attention to the economic, social, and political barriers that prevent effective regulation of the environment.

**PS 448/548 Mediation and Conflict Management**

4 credits

Introduces students to the fundamental concepts and theories of dispute resolution and assists in developing basic skills and knowledge for productively managing their own and intervening in others' disputes. Class time consists primarily of practice and role-play, as well as lecture, lecture-discussion, and coaching by professional mediators. Certificate of completion provided after successful completion of the course. Additional fees/tuition may apply. (Cross-listed in other departments.)

**PS 450/550 U.S. Foreign Policy**

4 credits

Explores the formulation and conduct of U.S. foreign policy, especially from World War II to the present. Surveys the international affairs of the U.S. while analyzing political, economic, strategic, and ideological factors. Examines the Cold War and global commitments. (Cross-listed with HST 453.)

**PS 454 U.S.-Latin American Relations**

4 credits

Examines the history of relations between Latin American nations and the United States, focusing on the last half of the twentieth century. Focuses on the impact of Latin America's nationalist, anti-imperialist, class, racial, and economic struggles on foreign relations, while recognizing the asymmetrical hegemonic relationships between the United States and other nations in the hemisphere. Analyzes American policies in terms of the domestic and global contexts within which leaders defined national economic, strategic, and ideological interests and their regional policy objectives. HST 251, 111, or PS 110 (or equivalent) recommended. Prerequisites: Upper-division standing and completion of Explorations sequences in Humanities and Social Sciences. (Cross-listed with HST 454.)

**PS 458 Terrorism**

4 credits

Focuses on the causes, methods, and consequences of internal and international terrorism. Examines both theoretical analyses and specific case studies in an attempt to make sense of the historical development and current trajectories of terrorism, both within a society and as a regional or global phenomenon. PS 110, 355, or HST 111 recommended. Prerequisite: Upper-division standing.

**PS 469/569 Topics in Political Theory**

4 credits

Examines selected concepts, themes, ideologies, and theorists in the study of politics. Offers the following and other topics as needed: Modern Political Theory, Political Ideologies, Critical Theory, Equality and Freedom, and American Political Thought. Repeat credit is allowed for different topics. Prerequisites determined by topic.

**PS 498 Senior Seminar**

4 credits

Enables students to apply the concepts, principles, and theories of political science to a practical simulation of political action.

## Psychology

Education-Psychology 246  
541-552-6206

Mary Russell-Miller, Chair

Professors: Lani Fujitsubo, Paul D. Murray,  
Michael J. Naumes, J. Fraser Pierson,

Paul Rowland, Josie A. Wilson

Associate Professors: Daniel DeNeui, Patricia Kyle,  
Mary Russell-Miller

Assistant Professors: Kenny Arnette,  
Kimberley Cox, Mark Krause

Instructor: Tiki Boudreau

Adjunct Faculty: Lori Courtney,

Rosemary Dunn Dalton, Manda Helzer,  
Karen McClintock, Zan Nix

Emeritus Faculty: Michael Andrews, Hal Cloer,  
Don Daoust, David Oas, James Robertson,  
Karen Salley, Gerald Stein, Ron Taylor,  
Elisabeth Zinser

The Department of Psychology program prepares students to:

1. achieve a broad understanding and appreciation of human behavior, which serves as the foundation for a liberal arts education;
2. enter paraprofessional work in applied behavioral sciences and social service fields; and
3. pursue graduate and professional study in psychology or related fields.

Nine goals are identified as desired outcomes of completing the psychology major. Students will acquire:

1. a knowledge base
2. critical-thinking skills
3. writing and speaking skills
4. information-gathering and synthesis skills
5. research methods and statistical skills
6. interpersonal skills
7. ethics and values clarification
8. culture and diversity sensitivity
9. application skills

## Degrees

BA or BS in Psychology

BA or BS in Social Science: an interdisciplinary degree with a concentration in psychology and coursework in supporting areas of related behavioral sciences

MA or MS in Mental Health Counseling

## Minor

Psychology

## Admission

1. Students who intend to be majors must register with the department and be assigned an advisor. For more details, contact the department or write the department chair at the Department of Psychology, Southern Oregon University, 1250 Siskiyou Boulevard, Ashland, Oregon 97520.

2. Immediately after deciding to transfer to Southern Oregon University, transfer students who are juniors or seniors should contact the Psychology Department about obtaining an advisor and becoming a psychology major.

## Requirements for the Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Complete Elementary Statistics (MTH 243) and General Biology (BI 101) or Principles of Biology (BI 211).
3. A minimum of 53 credits in psychology, at least 32 credits of which must be upper division, is required for the baccalaureate degree, including:
  - a. PSY 201, 202, 211, 228, and 229 (17 credits).
  - b. Core curriculum (20 credits): PSY 334 or 370; PSY 341, 351, one approved upper division multicultural/diversity course, and PSY 498, 499. All courses taken to fulfill credit requirements for the psychology major or minor must have a psychology (PSY) prefix or be approved for psychology credit by the Psychology Department. The multicultural/diversity course or courses must total at least 4 credits and be selected from approved psychology courses, including PSY 369, 465, 479, 487, 489, 492, and 495. All psychology required courses, except General Psychology (PSY 201, 202, and the multicultural list) must be taken for a letter grade.

- c. Psychology electives (16 credits, of which 12 must be upper division). Transfer courses in the same content area that are equivalent to SOU offerings may not be used to fulfill both core and elective areas.

4. A minimum grade of C- for each psychology course counted toward the major or the minor and for Elementary Statistics (MTH 243) and General Biology (BI 101) or Principles of Biology (BI 211), plus a minimum cumulative GPA of 2.5 in all psychology courses are required for a BA or BS in psychology or human service.
5. Lower division writing requirements, General Biology (BI 101) or Principles of Biology (BI 211), Elementary Statistics (MTH 243), and PSY 201, 202, 228, and 229 are prerequisites for some psychology courses. Check each course listing below for prerequisite courses. All prerequisite courses must be completed with a minimum grade of C-.
6. Writing, critical-thinking skills, and research competencies will be achieved as components in PSY 201, 202, 228, 229, and 499.

Note: A maximum of 6 credits from practicum courses (PSY 209, 309, 409, and 416) may be counted toward the 53 credits needed for a psychology degree.

A minimum of 180 credits is required to graduate from SOU. Factors such as the number of hours and types of courses transferred to SOU may affect the total number of credits accrued in satisfying all requirements for graduation with a psychology major.

## Optional Program Emphases

There are several program emphases for psychology majors, depending on particular career plans (e.g., paraprofessional programs and pre-graduate school programs, including experimental, clinical or counseling, developmental, and organizational psychology). See your advisor for suggested coursework in these program emphases.

## Psychology Degree Completion Program

The Psychology Degree Completion Program is a bachelor's degree program. Classes are conveniently scheduled at night and on weekends in Ashland and Medford to accommodate the schedules of working students. The program is for students who: have completed an associate of arts degree or approximately two years of college and desire to reach their educational goals while working, plan to enter paraprofessional work in applied behavioral sciences and social service fields, or who plan to pursue graduate and professional study in psychology or related fields.

The length of the degree completion program varies with each student depending on prior coursework and employment status.

## REQUIREMENTS

The following courses are required for the human service major:

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. Complete Elementary Statistics (MTH 243) and General Biology (BI 101).
3. A minimum of 53 credits in psychology (at least 32 credits of which must be upper division) is required for the bachelor's degree, including:
  - a. PSY 201, 202, 211, 228, 229.
  - b. Core curriculum (24 credits): PSY 370 or 334; PSY 341, 351, one approved upper division multicultural/diversity course, and PSY 429, 497. The multicultural/diversity course or courses must total at least 4 credits and be selected from approved psychology courses, including PSY 369, 465, 479, 487, 489, 492, and 495.
4. A minimum grade of C- for each psychology course counted toward the major or the minor, MTH 243, BI 101; plus a minimum cumulative GPA of 2.5 in all psychology courses.
5. Writing, critical-thinking skills, and research competencies will be achieved as components in PSY 201, 202, 228, 427, and 429.

## Human Service Degree Completion Program

In collaboration with the sociology program, the Department of Psychology offers an interdisciplinary bachelor's degree program focusing on the needs of human service professionals. Classes are conveniently scheduled at nights and on weekends in Ashland and Medford to accommodate the schedules of working students. The program is for students who: (1) have completed an associate of arts degree or approximately two years of college; (2) want to better understand their community and social environment; (3) desire to improve their career opportunities and reach educational goals; and (4) wish to enhance specific human relations skills and strengthen their ability to work effectively in social services.

SOU's small class sizes and friendly learning environment foster close ties among students, faculty, and the community. The length of the degree completion program varies with each individual, depending on prior coursework and employment status.

### REQUIREMENTS

The following courses are required for the human service major:

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. WR 121, 122 or University Seminar; PSY 201, 202, SOC 204; and a Lifespan Development course are prerequisites to all upper division core curriculum courses. MTH 243 is an additional prerequisite for PSY 429.
3. A minimum of 46 core curriculum credits from psychology and sociology:
  - a. Psychology (33 credits): PSY 409 (9 credits), 429, 438, 443, 471, 475, and 497.
  - b. Sociology (16 credits): SOC 304, 310, 312, and 444.
4. Select upper division electives (11 credits) with advisor consent.
5. A GPA of 2.5 in all human service program courses is required for a BA or BS in social science.
6. Meet writing and research competency through components in PSY 429.

### Requirements for the Minor

A minimum of 24 credits in psychology is required for a minor. These 24 credits must include PSY 201, 202; 16 approved credits, only 4 of which may be Special Studies/Practicum or teaching assistant credits; and at least 12 credits at the upper division level. Credit toward a minor is only given for courses passed with a grade of C- or better.

## Certificate in Management of Human Resources (CMHR)

The Certificate in Management of Human Resources is collaboratively offered by the School of Business, the Psychology Department, and the Communication Department. The program is open to current upper division undergradu-

ate, graduate, and postbaccalaureate students, as well as professional development individuals with significant managerial experience. To be awarded the Certificate in Management of Human Resources, students must meet the 36-credit course requirements, which are listed in the *Certificates* section.

## Interdisciplinary Studies

The objective of the interdisciplinary studies major with an emphasis in psychology or a related behavioral science is to prepare students for occupations requiring behavioral science backgrounds (e.g., welfare caseworker, probation/parole worker, psychometric aide, and research aide). The degree granted is a BA or BS in social science.

This program permits a broad major in the social sciences with a concentration in psychology for those whose educational goals are not met by any of the other psychology programs. The general requirements for this degree are found in the *Interdisciplinary Options* section. The specific requirements for social science majors with a concentration in psychology should reflect the needs of the individual student and must be planned with advisors in the Psychology Department. Required courses include BI 101 or 211; PSY 201, 202, 228, and 229; and MTH 243. Students must maintain a minimum cumulative GPA of 2.5.

The required psychology capstone courses (PSY 498, 499) may not be taken until the student has: (1) been formally approved for an interdisciplinary studies major with a psychology emphasis and (2) registered with the Psychology Department and been assigned an advisor.

## Master in Mental Health Counseling (MHC) Graduate Program

Prospective students should address inquiries to the Psychology Department office coordinator or the Master in Mental Health Counseling (MHC) graduate office coordinator.

The Master in Mental Health Counseling (MHC) prepares professional counselors to provide extensive mental health services within public and private agencies, as well as in private practice. The curriculum is designed to meet national counseling standards, so graduates will gain mobility in responding to changing employment needs throughout the U.S. Only the Council for Accreditation of Counseling and Related Educational Programs (CACREP) can determine such accreditation status. The MHC program has attained CACREP accreditation, and the Oregon Board of Licensed Professional Counselors and Therapists has indicated that the curriculum meets the educational requirements for application for licensure as a licensed professional counselor.

The MHC program has also been designed to meet the majority of the educational requirements for application for licensure as a marriage and family therapist in California.

The MHC curriculum emphasizes practical application of theoretical foundations incorporating practicum and internship experiences throughout the program. Focus is on developing national counseling competencies in eight core areas: Professional Identity/Ethics, Social

and Cultural Diversity, Human Growth and Development, Career Development, Helping Relationships, Group Work, Assessment, and Research and Program Development.

### Admission Process

The deadline for applications for the next academic year is February 15. Students are required to submit two separate applications:

1. an SOU application for admission using the policies described in the *Graduate Studies* section, along with a \$50 application fee; and
2. a Master in Mental Health Counseling application, which may be acquired by contacting MHC Graduate Office Coordinator Lori Courtney at 541-552-6947 or [map@sou.edu](mailto:map@sou.edu). These applications are also available online at [sou.edu/psych/map](http://sou.edu/psych/map).

## MHC Prerequisites

Prior to beginning their graduate program, all MHC students are required to complete the following undergraduate requirements:

### REQUIRED

General Psychology  
Statistics (Descriptive)  
Statistics (Inferential)  
Research Design/Methods  
Learning and Memory  
Lifespan/Developmental  
Abnormal Psychology

## MHC Curriculum

### Core Required Courses for the Master in Mental Health Counseling

(90 credits)

The Helping Relationship (PSY 502) .....	4
Individual Counseling Practicum (PSY 504) .....	3
Group Counseling Practicum (PSY 506) .....	3
Internship (PSY 510) .....	18
Assessment (PSY 521) .....	4
Community Psychology (PSY 531) .....	4
Applied Research Design (PSY 542) .....	4
Occupational Choice (PSY 549) .....	4
Advanced Human Growth and Development (PSY 570) .....	4
Counseling Theory (PSY 571) .....	4
Mental Health Counselor: Identity and Practice (PSY 572) .....	2
Mental Health Profession (PSY 573) .....	4
Group Counseling (PSY 574) .....	4
Advanced Crisis Intervention Strategies (PSY 575) .....	4
Family and Couples Counseling (PSY 576) .....	4
Ethics and Roles in the Counseling Profession (PSY 581) .....	4
Advanced Psychopathology (PSY 583) .....	4
Psychopharmacology (PSY 584) .....	3
Treatment Planning and Consultation (PSY 585) .....	1
Multicultural Mental Health (PSY 586) .....	4
Professional Guidance (PSY 599) .....	4

## Additional Educational Offerings

Within the major and minor degree curricula, the Psychology Department presents or conducts a variety of additional practica, field studies, seminars, and research activities.

## Field Practicum and Human Service Learning Opportunities

The human service, field practicum, and internship programs provide a sequence of progressively intensive experiences in human service agencies in the classroom or in the community. Students in these programs are exposed to a wide range of human service activities and acquire experience as human service providers. Students have been placed in the following organizations: Community Works; Mental Health Services; Welfare Department, Child Welfare; Vocational Rehabilitation Services; Veterans Domiciliary; animal shelters; preschools; Headstart; elementary and secondary school counseling programs; special education programs for the mentally disabled, emotionally disturbed, and physically disabled; private residential treatment centers; SOU's Counseling Services; the Women's Resource Center; juvenile justice programs; and public health programs.

Students interested in field experience programs must carefully plan with their advisor well in advance of any placement in such programs. Instructor consent and formal admission are required in all field service programs. Interested students should consult an advisor at their earliest convenience.

A maximum of 15 credits for field experience courses in psychology (e.g., practicum and teaching of psychology) may be applied toward the bachelor's degree. These credits may be selected from any combination of PSY 209, 309, 409, and 416. Only 6 credits from these courses may be counted toward the minimum 53 psychology credits necessary for a psychology degree.

## Research and Community Service

Students are encouraged to become involved in research and community activities. In addition to formal research courses, there are opportunities for involvement in the private research activities of various faculty members. Past projects have focused on such topics as competency examination development for professional groups, surveys of transportation facilities for the elderly and disabled, design and development of residential treatment facilities for the emotionally disturbed, creation of preschool education and Headstart projects, needs assessment surveys, and program evaluation research in a variety of areas.

Students should consult their advisors and faculty members to determine which research projects are currently ongoing or in the planning stages. Students are encouraged to initiate contact with faculty members for assistance with research activities, development of research proposals, and presentations of research findings at local and regional professional meetings.

## Psi Chi

Qualified students may become members of the local chapter of Psi Chi, a national honorary society in psychology. The purposes of Psi Chi are to encourage, stimulate, and maintain the scholarship excellence of individual members in all fields, particularly in psychology, and to

advance the science of psychology. To achieve these goals, Psi Chi offers a wide range of local, regional, and national programs.

## Psychology Courses

### LOWER DIVISION COURSES

#### PSY 199 Special Studies

Credits to be arranged

#### PSY 201 General Psychology

4 credits

Offers a general survey of the field of psychology covering a range of scientific and applied areas, including methodology, biological basis of behavior, perception, learning, sensation, memory, motivation, thinking, and emotion. Approved for University Studies (Explorations).

#### PSY 202 General Psychology

4 credits

Offers a general survey of the field of psychology covering a range of scientific and applied areas within the discipline, including human development, personality assessment, intelligence, maladaptive behavior patterns, treatment approaches, health and well-being, social and cultural groups, and social psychology. Approved for University Studies (Explorations).

#### PSY 209 Human Service Practicum

1 to 3 credits each term

Offers entry-level field experience for psychology students. Typically taken during the freshman or sophomore year. Graded P/NP only. See *Field Practicum and Human Service Learning Opportunities* above. Prerequisite: Instructor consent.

#### PSY 211 The Psychology Major

1 credit

Required course for all students considering the psychology major. Offers advice about the necessary steps for becoming a psychology major. Covers career options, preparation for graduate school, research opportunities, and other topics related to becoming a successful undergraduate psychology major.

#### PSY 228 Methods, Statistics, and Applications I

4 credits

Combines the study of survey and correlational research designs with appropriate statistical techniques (e.g., various descriptive statistics, correlations, chi-square). Through an integrated laboratory experience, students apply their studies and gain practice in planning research methodology, collecting and analyzing data, and writing APA research reports. Prerequisite: MTH 243.

#### PSY 229 Methods, Statistics, and Applications II

4 credits

Examines experimental and quasi-experimental designs, along with appropriate statistical tests (e.g., t-tests, One-Way ANOVA, and Factorial ANOVA). Through a laboratory component involving data collection studies and research proposals, students practice using and designing experimental studies, collecting data, and writing APA research reports. Prerequisite: PSY 228.

## UPPER DIVISION COURSES

### PSY 309 Advanced Human Service Practicum

1 to 6 credits

Engages students in an intensive observation of several agencies or programs using psychological principles and techniques. Observation and participation in routine activities are performed under the sponsorship of professional and SOU staff. Refer to Field Practicum and Human Service Learning Opportunities above for the types of agencies and programs where placement is possible. Graded P/NP only. Prerequisite: Junior or senior standing.

### PSY 313 Human Behavior and Film

4 credits

Uses the medium of modern movies to explore psychological concepts. Topics include abnormal and social psychology, group dynamics, relationship issues, communication styles, and family dynamics. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

### PSY 317 Personal and Social Adjustment

4 credits

Studies the processes contributing to human adjustment. Explores such topics as identity, self-concept, self-control, social relationships, feelings, conflicts and anxiety, sex role image, love, death, and fulfillment of human potential. Examines the influence of these topics on interpersonal effectiveness and satisfaction with life. PSY 202 strongly recommended.

### PSY 334 Social Psychology

4 credits

Examines the important theories, principles, and research of social psychology and related social problems. Explores topics such as attitudes, social influence, prejudice and discrimination, group behavior, aggression, prosocial behavior, interpersonal attraction and relationships, and applied social psychology. PSY 202, PSY 228, and 229 recommended.

### PSY 341 Learning and Memory

4 credits

Surveys theories and empirical research about learning, memory, and cognitive phenomena. Prerequisite: PSY 201.

### PSY 351 Behavioral Neuroscience

4 credits

Studies the structure and function of the nervous and endocrine systems, especially as they relate to human behavior. Topics include motivation, sexual behavior, the brain bases of emotion, sleep, learning, memory, depression, and psychopathology. Prerequisites: PSY 201; and BI 101 or 211.

### PSY 353 Sensation and Perception

4 credits

Surveys empirical research and theories about sensory and perceptual phenomena. Explores the sensations of vision, audition, touch, balance, smell, and taste, as well as our perceptual experiences of shape, color, depth, motion, and illusion. Prerequisite: Successful completion of lower division writing requirements.

**PSY 369 Human Sexuality**

4 credits

Explores dimensions of human sexuality from a psychosocial perspective. While the psychological aspects of sexuality are accented, attention is also given to biological, sociological, and cultural factors and their complex interaction. Students will gain a scholarly perspective on these factors; enhance understanding of personal sexual beliefs, attitudes, and practices; and further appreciate the diversity that comprises the human sexual experience. Approved for University Studies (Integration).

**PSY 370 Lifespan Development**

4 credits

Surveys human growth and development from birth to death. Examines individual differences in physical and physiological development and evaluates perception, cognition, learning, personality, and social factors as they influence behavior through the human lifespan. Prerequisite: PSY 202.

**PSY 399 Special Studies**

Credits to be arranged

Topics and credit vary. PSY 201, 202 recommended.

**PSY 401/501 Research**

Credits to be arranged

**PSY 405/505 Reading and Conference**

Credits to be arranged

**PSY 407/507 Seminar**

Credits to be arranged

**PSY 409A Practicum and Seminar in Psychological Services**

Credits to be arranged

Provides an integrated didactic theory and practice experience, allowing students to develop psychological service skills and knowledge within selected programs and agencies. This is a culmination theory-practice course. Students commit to a long-term experience, making formal arrangements for their placements by consulting field practicum instructors well in advance. Types of placement available are listed under Field Practicum and Human Service Learning Opportunities. Graded P/NP. Prerequisites: Senior standing; consent of the instructor and involved agency; substantial coursework in psychology and related behavioral science disciplines; and application to the Psychology Department practicum coordinator.

**PSY 409B Practicum: Human Service**

1 to 6 credits

Required course for human service majors. Provides direct exposure to human service agencies and clients by field placement within a local social service agency. Integrates knowledge, skill, and attitudes that are taught in the classroom. Allows students to develop human service skills and applied knowledge. Students must make necessary arrangements for practicum placement prior to term enrollment. Graded P/NP. Prerequisites: Junior or senior standing in human service program and instructor consent.

**PSY 414/514 Humanistic Psychology**

4 credits

Explores how humanistic psychologists care deeply about what it means to be fully, vitally human and to reach our highest potentials. Focuses on historical, contemporary, and leading-edge scholarly contributions to humanistic theory, research, and practice. Considers applications of the humanistic perspective to students' lives and fields of interest, while examining the relevance to concerns of our time. PSY 202 recommended.

**PSY 416 Teaching Assistantship**

1 to 6 credits

Students explore the process of teaching psychology by working closely with an instructor. May involve any aspect of teaching, including literature research, laboratory demonstrations, tutoring, lecture presentations, leading discussion groups, paper-grading, and grade-recording. Prerequisite: Instructor consent.

**PSY 429 Program Development**

4 credits

Explores the principles, processes, and practices involved in the creation of public policies and programs related to human service. Emphasizes the acquisition of skills necessary for effective program planning. Prerequisites: MTH 243 and instructor consent.

**PSY 432/532 Personality**

4 credits

Offers analysis and survey of personality concepts and evaluation of selected personality theories.

**PSY 433/533 Personality Testing and Organizational Assessment**

4 credits

Focuses on assessment in organizations, particularly individual differences in personality, ability, preferences, and temperament. Explores the relationship between individual difference variables, as well as roles and issues such as leadership selection, placement, and development. Prerequisite: PSY 229.

**PSY 435/535 Environmental Psychology**

4 credits

Explores the theories, empirical research, and methodology of environmental psychology. Discusses environmental perception; the effects of noise, temperature, air pollution, and wind on behavior; personal space; territoriality; crowding; urban problems; leisure; recreation; and environmental activism.

**PSY 437/537 Creative Thinking**

4 credits

Involves experiential exercises designed to give students an opportunity to learn and gain thinking skills. Topics and exercises cover the development and assessment of creativity; the roles of learning styles, communication, assumptions, inferences, and hypotheses in creativity; the impact of groups on creativity; and various strategies for enhancing creativity.

**PSY 438/538 Group Dynamics**

4 credits

Examines group and interpersonal functioning via practical laboratory experience. Addresses leadership, group cohesion, decision making, conflict resolution, trust, interpersonal attraction, communication, and self-disclosure. Prerequisite: PSY 202 and COMM 125.

**PSY 439/539 Group Facilitation and Assessment**

4 credits

Surveys models of group facilitation and methods of assessing group functioning. Emphasizes functional or training groups in organizations. Topics include ongoing process consultation, facilitation of team effectiveness training, group-process educational groups, short-term problem-solving designs, models of group decision making, and structured inventories to assess group structure and process. Prerequisites: PSY 201, 202, 438/538.

**PSY 443/543 Behavior Modification**

4 credits

Familiarizes students with the fundamentals and uses of behavior modification. Provides exposure to real-world applications and an opportunity to analyze applications of behavior modification in applied settings.

**PSY 444/544 Cognitive Processes**

4 credits

Studies current research and theory about how knowledge is perceived, represented, remembered, and used. Topics include memory, attention, language, thinking, problem solving, decision making, judgment, creativity, and human and artificial intelligence. Prerequisite: Successful completion of lower division writing requirements.

**PSY 445/545 Organizational Psychology**

4 credits

Applies the principles of psychology to job applicants, employees, managers, and consumers in business and industry. Examines the use of psychological principles in solving problems in the work world, including conflict resolution, power and influence within the organization, communication and leadership, integration of individual needs with management goals, and maintenance of institutional vitality. SOC 204 recommended. Approved for University Studies (Integration).

**PSY 446/546 Industrial/Organizational Psychology**

4 credits

Introduces the industrial/organizational (I/O) field of psychology. After surveying I/O theories and methods such as job design, personnel selection, job satisfaction, training, and team-building, students get an opportunity to model some of these methods in small group exercises and case study analyses. Prerequisites: PSY 201 and 229.

**PSY 448/548 Mediation and Conflict Management**

4 credits

Introduces students to the fundamental concepts and theories of dispute resolution and assists them in developing the basic skills and knowledge for productively managing their own and intervening in others' disputes. Class time consists primarily of practice and roleplay, as well as lecture, lecture-discussion, and coaching by professional mediators. Certificate of completion provided with successful completion of the course. Cross-listed in other departments. Additional fees/tuition may apply.

**PSY 452/552 Health Psychology**

4 credits

Explores the role of psychological factors in physical health. Covers such topics as the roles of cognition, social factors, and personality in the mind-body connection. Analyzes the brain, nervous system, and endocrine system. Examines applications to stress in the workplace, the development of physical and mental illness, and other implications. Prerequisites: PSY 201 and 202; PSY 228 and 229 recommended.

**PSY 453/553 Stress Management**

4 credits

Focuses on determining the nature of stress, its effects on people, and how to minimize its negative effects. Describes physiological and psychological stress reactions, stress-related disease processes, individualization of stress reactivity, and maximization of one's own stress management potential.

**PSY 457/557 Drug Use and Abuse**

4 credits

Surveys the physiological, psychological, and societal effects of chemical substances on humans. Emphasizes drugs of major usage, such as prescription drugs, alcohol, nicotine, marijuana, and cocaine. Prerequisite: PSY 201.

**PSY 460/560 Child and Adolescent Development**

4 credits

Provides an in-depth examination of the major developmental issues from infancy through adolescence, with emphasis on empirical models of cognition, psychosocial development, and personality. Culminating project involves application and theoretical integration. Prerequisite: PSY 370.

**PSY 463/563 Psychopathology of Childhood**

4 credits

Surveys the field of child psychopathology, including the theoretical concepts, etiology, assessment, and treatment of various childhood disorders. Emphasizes understanding children in the context of their development, families, and culture. Prerequisite: PSY 370.

**PSY 465/565 Adult Development and Aging**

4 credits

Studies the principles and methods of developmental psychology as they are seen in individuals from early adulthood to death. These include physical functioning, changes in cognitive and behavioral processes, personality changes and development, intimacy and family development, career development, and cultural factors in the aging process. Prerequisite: PSY 370.

**PSY 466/566 Psychology of Aging**

4 credits

Examines the psychological processes of aging starting from adult developmental maturity through old age and death. Focuses on continuing social and personal adaptation to physical changes and the impact of cultural attitudes on the self-concept of adults in their elderly years.

**PSY 467/567 Death and Dying**

4 credits

Offers a psychological examination of death and dying. Surveys the many dimensions of death and our death-care system. Explores the ways in which psychological and societal assumptions, expectations, and practices influence our relationship with death. PSY 201, 202 recommended.

**PSY 471 Introduction to Helping Skills**

4 credits

Explores the roles and functions of the professional counselor. Focuses on developing the core ingredients of effective counseling practice, including the interpersonal, conceptual, and helping skills relevant to personal, work, and family relationships at the paraprofessional level. Emphasizes helping microskills, ethics, and application of contemporary theory. Prerequisite: Junior or senior standing.

**PSY 473 Introduction to Art Therapy**

4 credits

Introduces the discipline of art therapy. Includes experiential work both in and out of class, as well as lecture, reading, writing, and exams. Introduces students to definitions and theories of art therapy, developmental art and psychology, experience with the image, and a few special populations with which art therapists work. Prerequisite: PSY 201, 202.

**PSY 475 Crisis Intervention Strategies**

4 credits

Introduces crisis intervention research and theory. Emphasizes interventions for suicide, domestic violence, rape, post-traumatic stress disorder, grief, and terrorism.

**PSY 479 Abnormal Psychology**

4 credits

Surveys the major categories of behavioral and mental disorders, including schizophrenia; anxiety; and childhood, dissociative, mood, personality, sexual, and substance disorders. Explores etiology, general characteristics of the disorders, and current treatments. Emphasizes the sociocultural factors affecting diagnosis and prognosis. Approved for University Studies (Integration).

**PSY 487/587 Multicultural Psychology**

4 credits

Considers theory, research, and multicultural perspectives as they relate to applied psychology and special populations. Students explore their own ethnic and cultural heritages, challenging biases and confronting stereotypes. Emphasizes issues related to the role of the professional psychologist.

**PSY 489/589 Native American Psychology**

4 credits

Surveys selected health issues, such as psychosocial problems-in-living, depression, suicide, and substance abuse. Also addresses the traumatizing impact of the American Dream.

**PSY 490/590 Women and Relationships**

4 credits

Offers an intensive exploration of women's involvement in interpersonal relationships, with a focus on theoretical and experiential aspects. Considers women's roles, identities, and self-schemas as influenced by interactions with others in cultural, familial, and intrapsychic frameworks.

**PSY 492/592 Psychology of Women**

4 credits

Surveys women's issues from the perspective of feminist psychology, including lifecycles, theories, and contemporary social problems. Critiques traditional psychological assumptions, data, philosophies, and policies in light of new trends. Students actively explore empirical and experiential aspects of such issues as psychological sex differences, socialization of gender, identity development, androgyny, power, language, violence, and therapy.

**PSY 495/595 Lesbian and Gay Studies**

4 credits

Provides students with in-depth exposure to a select set of lesbian and gay issues in relation to the field of psychology. From a psychological perspective, students examine the assumptions, definitions, supporting research, personality theorists' perspectives, and counseling concerns as they relate to lesbians and gay men.

**PSY 496/596 History and Systems of Psychology**

4 credits

Explores the historical development of psychology as a science. Offers critical analysis of the various historical and contemporary movements and issues related to scientific inquiry and the evolution of knowledge.

**PSY 497 Human Service Capstone Project**

4 credits

Integrates and synthesizes the skills and knowledge acquired in the human service program. Students develop a social service program encompassing needs assessment, program rationale, objectives, methods, activities, and a plan for program evaluation. Prerequisites: PSY 429, acceptance into the human service program, and senior standing.

**PSY 498, 499 Psychology Capstone Project**

2 credits each

Students integrate and synthesize the skills and knowledge specified in the nine goals of the psychology major in a project involving a psychological, investigative process. Several options are available for the project, which is conducted during the two terms of the required senior capstone. Approved for University Studies (Integration). Prerequisites: PSY 201, 202, 211, 228, 229; psychology major or interdisciplinary psychology emphasis; and senior standing.

**GRADUATE COURSES**

Note: All 500-level graduate-only courses require instructor consent or current enrollment in the MHC program.

**PSY 502 The Helping Relationship**

4 credits

Designed for first-term mental health counseling students. Focuses on the foundational ingredients of the effective helping relationship, including development of a clear professional identity; ethical practice; multicultural sensitivity; and the conceptual, interpersonal, and therapeutic skills that foster movement toward clients' goals and potentialities. Students gain competence in interviewing and counseling microskills. The pre-practicum portion involves practice interviews utilizing videotape critique in weekly dyads/triads and group supervision. Students learn how to utilize supervision to facilitate developments of microskills and expand competence as an "intentional" counselor. Prerequisite: Enrollment in the MHC program. Corequisite: PSY 571.

**PSY 503 Thesis**

Credits to be arranged

**PSY 504 Individual Counseling Practicum**

4 credits

Provides supervised training and experience in individual counseling. Designed to build upon the understanding of the counseling theories studied in PSY 571 and the counseling microskills learned in PSY 502. MHC students engage in videotaped practice counseling with undergraduate student volunteers. Videotapes are utilized in weekly dyad/triad and group supervision sessions. Prerequisites: PSY 502, 571, and enrollment in the MHC program.

**PSY 506 Group Counseling Practicum**

4 credits

Provides supervised group counseling training and experience for MHC students. Co-leaders plan and facilitate an eight-week personal growth group for undergraduate student volunteers. Videotapes are utilized in weekly dyad/triad and group supervision sessions. Prerequisites: PSY 502, 504, 571, and enrollment in the MHC program. Corequisite: PSY 574.

**PSY 509 Practicum**

1 to 6 credits

Supervised experience at agencies and organizations. Provides opportunities for professional service that reflect students' academic goals. Students work as part of an organization and under the supervision of a site supervisor and SOU practicum supervisor.

**PSY 510 Internship**

1 to 8 credits

Offers a supervised counseling experience at selected agencies and organizations. Students provide counseling services to agency clients and function as part of the agency counseling personnel. Sessions are reviewed in both individual and group supervision. Documentation, on-site supervision and evaluation, and weekly meetings with the SOU supervisor required. Graded P/NP. MHC students are required to take at least 18 credits of supervised internship during their program. Prerequisites: PSY 571, 574, and enrollment in the MHC program.

**PSY 512 Portfolio Development**

2 credits

Seminar for successful completion of professional portfolio. Development of executive summary detailing strengths and deficiencies related to core competencies. Discusses continuing professional education after graduation, including both new skills and knowledge, as well as work to improve on current deficiencies. Involves both group and individual sessions. Prerequisite: Enrollment in the HS or OTD track.

**PSY 516 Teaching Assistantship**

1 to 6 credits per term

Students explore the process of teaching psychology by working closely with an instructor. Involves laboratory demonstrations, lecture presentations, discussion groups and small-group work facilitation, and paper-grading. Prerequisite: Instructor consent.

**PSY 518 Training Design**

4 credits

Provides an overview of instructional design theory and methodology. Emphasizes experiential learning and seminar and workshop development. Students design and rehearse a training project with videotaped and interpersonal feedback.

**PSY 521 Assessment**

4 credits

Surveys the common assessment methods and instruments used in counseling children, adolescents, adults, elders, couples, and families. Addresses assessment requirements of managed care and methods of assessing counseling effectiveness. Prerequisite: Enrollment in the MHC program.

**PSY 529 Program Development**

4 credits

Explores the principles, processes, and practices involved in the creation of human service programs. Students develop a model social service program as a significant part of this course. Prerequisites: Undergraduate courses in descriptive and inferential statistics; instructor consent.

**PSY 530 Program Evaluation**

4 credits

Explores models of evaluation and applies research methods to policy and program assessment, with emphases on mental health, human service, and organizational settings. Students conduct a supervised program evaluation. Prerequisite: PSY 542.

**PSY 531 Community Psychology**

4 credits

Examines the effects of social and environmental factors on behavior, with emphasis on the impact of societal systems (schools, neighborhoods, organizations, and other networks) on individuals and their mental health. Sample topics include community action, public policy, prevention programming, and social change processes. Prerequisite: Enrollment in the MHC program.

**PSY 540 Organization Development**

4 credits

Analyzes the coherent, systematically planned, sustained effort at system self-study and improvement. Focuses explicitly on change in formal and informal procedures, norms, structures, and using behavioral science concepts. Explores various OD designs, including training, survey-data-feedback, constructive confrontation, and process observation and feedback. Prerequisites: PSY 538, 539.

**PSY 542 Applied Research Design**

4 credits

Emphasizes the design of applied research and outcome evaluation in counseling, organizational, and human service settings. Reviews relevant experimental, quasi-experimental, and correlational designs, with additional training in qualitative methods. Prerequisites: Undergraduate research methods and statistics course and enrollment in the MHC program.

**PSY 549 Occupational Choice and the Psychology of Careers**

4 credits

Introduces the psychology of career-life planning and occupational choices. Follows guidelines from CACREP for counselor preparation and is a core course in the MHC program. Examines career development theories and decision-making models; lifespan career development; career, educational, and labor market information systems and resources; program planning and evaluation; assessment; and career counseling approaches, techniques, and ethical considerations. Prerequisite: Enrollment in the MHC program.

**PSY 569 Psychology of Human Sexuality**

4 credits

Surveys the psychological aspects of human sexual behavior relevant to the work of mental health counselors and human service professionals. Considers typical and atypical sexual behavior, sexual health and wellness throughout the lifespan, sexual orientation, gender, sexual dysfunction, paraphilic behaviors, sex therapy, and counseling practice related to sexuality. Prerequisite: Enrollment in the MHC program.

**PSY 570 Advanced Human Growth and Development**

4 credits

Examines theory and research related to human development from birth to death. Emphasizes the application of developmental theories to the counseling process. Addresses individual differences in physical and physiological devel-

opment. Evaluates the influence of perception, cognition, learning, personality, and social factors on behavior throughout the human lifespan. Prerequisite: Undergraduate coursework in lifespan development or developmental psychology.

#### **PSY 571 Counseling Theory**

4 credits

Explores the roles and functions of the professional counselor relative to other mental health professionals. Develops the core ingredients of effective counseling practice, including interpersonal, conceptual, and helping skills that foster movement toward a client's goals. Addresses the personal qualities of effective counselors, the creation of therapeutic alliances, counseling microskills, ethical practice, and techniques fundamental to contemporary theoretical orientations. Surveys the primary models of counseling and psychotherapy from theoretical, experiential, and personal growth perspectives. Prerequisites: Undergraduate coursework in abnormal psychology and enrollment in the MHC program.

#### **PSY 572 Mental Health Counselor: Identity and Practice**

2 credits

Provides a foundation of the mental health counseling profession's history, unique contributions to the human service provider field, identity themes, distinctive practice characteristics, and an interdisciplinary approach to interventions. Prerequisite: Enrollment in the MHC program.

#### **PSY 573 Mental Health Profession**

4 credits

Refines counseling skills and continues development of professional portfolios. Students write a professional disclosure statement, conduct a seminar on their theoretical framework, determine the setting and clients best-suited for their theoretical approach, and address other issues germane to the professional counselor and human service professional. Prerequisites: PSY 571 and enrollment in the MHC program.

#### **PSY 574 Group Counseling**

4 credits

Offers a theoretical and experiential introduction to group counseling. Emphasizes leadership styles and skills; stages of counseling groups; ethics; specific modalities; and major orientations to group counseling and their applications, evaluations, and effectiveness. Students plan and co-lead a counseling group with student volunteers as part of a laboratory experience and participate in supervision groups. Students also participate in an experiential group separate from the class. Prerequisite: Enrollment in the MHC program.

#### **PSY 575 Advanced Crisis Intervention Strategies**

4 credits

Applies intervention strategies to specific crisis situations and critical incidents. Studies the driving forces behind the event, assessment procedures, and intervention strategies applied during and after the trauma incident. Crisis categories include suicide, battered women's syndrome, sexual assault, post-traumatic stress

disorder, personal loss, and substance abuse. Prerequisite: Enrollment in the MHC program.

#### **PSY 576 Family and Couples Counseling**

4 credits

Explores the theoretical and practical applications of family-systems approaches to the treatment of dysfunctional families and couples. Presents family lifecycle issues, the role of the therapist, and alternatives to intervention. Prerequisite: PSY 571 and enrollment in the MHC program.

#### **PSY 577 Counseling Children**

4 credits

Surveys methods, other than behavior modification, of counseling children. Includes forms of play therapy, expressive therapy, role-playing, stress management for children, and experiential methods that aid in the assessment of children's problems.

#### **PSY 581 Ethics and Roles in the Counseling Profession**

4 credits

Examines the ethical standards of the American Counseling Association, the American Psychological Association (APA), the American Mental Health Counseling Association, and the National Organization for Human Service Education. Focuses on legal and ethical issues related to professional practice in counseling and human service fields. Emphasizes issues of public policy and sociocultural factors affecting counseling. Challenges participants to apply critical-thinking skills to ethical decision making in their respective professional roles. Prerequisite: Enrollment in the MHC program.

#### **PSY 582 Ethics and Roles**

2 credits

Examines the ethical standards of the American Psychological Association and the American Society of Training and Development. Challenges participants to apply critical-thinking skills to ethical decision making in their professional roles.

#### **PSY 583 Advanced Psychopathology**

4 credits

Explores the diagnosis, assessment, and treatment of mental illness as defined by the DSM-IV. Covers treatment planning, with special emphasis on psychopharmacology. Prerequisite: Undergraduate course in abnormal psychology and enrollment in the MHC program.

#### **PSY 584 Psychopharmacology**

2 credits

Provides a basic overview and understanding of how medications are used in the treatment of psychological and behavioral disorders. Various DSM diagnoses provide a framework for learning about treatment choices that include psychiatric medications. Focuses on the integration of psychotropic medications and counseling. Topics include drug interactions, medication side effects, consultation with medical personnel, and characteristics of psychiatric medications.

#### **PSY 585 Treatment Planning and Consultation**

1 credit

Focuses on general principles and practices of diagnosis, treatment planning, consultation and referral of mental and emotional disorders, and dysfunctional behavior, including addictive behaviors. Examines the etiology of mental and emotional disorders/dysfunctions and addictive behaviors. Prerequisite: Enrollment in the MHC program.

#### **PSY 586 Multicultural Mental Health**

4 credits

Surveys the mental health status of racial and ethnic groups in the United States. Presents culture-specific models for providing assessment, diagnosis, and treatment services for individuals, including children, adolescents, adults, families, groups, and communities. Examines ethical issues and training for service providers. Prerequisite: Enrollment in the MHC program.

#### **PSY 599 Professional Guidance**

1 to 4 credits

MHC students work closely with a faculty advisor in seminar and individual meetings to begin their professional portfolios and identify their strengths, challenges, and areas of interest. This process includes determining the setting and clients best-suited to the student, identifying appropriate theoretical orientations, and continuing the discussion of ethical concerns and professional identity. Prerequisite: Enrollment in the MAP program.

### **Shakespeare Studies**

Churchill 289

541-552-6904

Alan Armstrong, Director

The Shakespeare studies program is part of the Department of Theatre Arts. The interdisciplinary field of Shakespeare studies connects the playwright and his works with the culture of Elizabethan and Jacobean England. The Shakespeare studies minor at SOU emphasizes the performance of Shakespeare's plays and their cultural impact during the past 400 years. The program is supported by the special resources of the Oregon Shakespeare Festival (OSF), the Margery Bailey Renaissance Collection, and the Center for Shakespeare Studies.

#### **Requirements for the Minor**

A minimum of 23 credits of approved courses.

##### *Required Courses*

Shakespeare (ENG 201 or 202) .....	4
Studies in Shakespeare (ENG/TA 436) .....	4
Introduction to Shakespeare Studies (SHS 236)....	4

##### *Electives (11 credits)*

Choose any three of the following courses:	
Italian Renaissance Art (ARTH 431).....	4
Shakespeare (ENG 201 or 202) .....	4
Studies in Shakespeare (ENG/TA 436) .....	4
Major Figures in Literature (ENG 448) .....	4
Topics in Drama (ENG 458) .....	4
Shakespeare on Film (FLM/SHS 237).....	4
English History (HST 305) .....	4

European Renaissance and Reformation, 1300–1600 (HST 318).....	4
History of Music (MUS 360).....	3
Special Studies (SHS 299/399) .....	4
Period Styles II (TA 451) .....	4
Drama in Western Culture (TA 467) .....	4

Students who use ENG 201 to fulfill the minor core requirements may use ENG 202 as an elective, and vice versa. The same principle applies to ENG/TA 436. To count toward the minor, ENG 448/548 and ENG 458/558 must focus on a major figure (e.g., Chaucer, Donne, or Milton) or topic (e.g., Jacobean tragedy) pertinent to the Renaissance.

### **Shakespeare Studies Courses**

#### **LOWER DIVISION COURSES**

<b>SHS 236 Introduction to Shakespeare Studies</b>	
4 credits	

Surveys the culture that produced Shakespeare and his works through an interdisciplinary focus on two plays from the Oregon Shakespeare Festival repertory, with performances, guest lecturers, and guest artists. Topics include Renaissance art, architecture, music and dance, political and religious institutions, social and economic transformations, science and medicine, travel and discovery, professional theatre companies, and Shakespeare's life and work. Approved for University Studies (Explorations).

#### **SHS 237 Shakespeare on Film**

4 credits

Analyzes film and television productions and adaptations of Shakespeare's plays from the silent era to the present, focusing on their interpretations of Shakespeare's text and their cinematic art (e.g., directorial technique, camerawork, lighting, costume, and location). Includes such directors as Olivier, Welles, Kurosawa, Zeffirelli, Branagh, and Luhrmann. (Cross-listed with FLM 237.)

#### **SHS 299 Special Studies**

Credits to be arranged

#### **UPPER DIVISION COURSES**

#### **SHS 399 Special Studies**

Credits to be arranged

### **Social Sciences, Policy, and Culture**

Taylor 220

541-552-6437

Dan Rubenson, Chair

The faculty of the Department of Social Sciences, Policy, and Culture are drawn from academic programs in anthropology, economics, geography, international studies, Native American studies, sociology, and women's studies. They share a commitment to community and civic engagement and social justice while applying their diverse perspectives to the many challenges facing individuals, society, and the environment.

The Department offers majors and minors in anthropology, economics, international studies, and sociology. It also offers minors in geography, land use planning, Native American Studies, Latin American studies, and women's

studies, as well as certificate programs in applied cultural anthropology, cultural resource management, applied finance and economics, and Native American studies. Details on these programs are located separately in this catalog under their respective academic programs.

### **Social Sciences, Policy, and Culture Courses**

#### **LOWER DIVISION COURSES**

##### **SSPC 199 Special Studies**

Credits to be arranged (maximum 16 credits)

##### **SSPC 399 Special Studies**

Credits to be arranged (maximum 16 credits)

#### **UPPER DIVISION COURSES**

##### **SSPC 405/505 Reading and Conference**

Credits to be arranged (maximum 16 credits)

##### **SSPC 407/507 Seminar**

Credits to be arranged (maximum 16 credits)

##### **SSPC 409/509 Practicum**

Credits to be arranged (maximum 16 credits)

##### **SSPC 437/537 Conservation in the United States**

4 credits

Explores the evolution of Western environmental perceptions from classical times to present. Focuses on environmental movements in the United States, the forces behind environmental crisis, and the responses by society and its institutions. Prerequisites: ES 111, 112, or 210 and upper division or graduate standing. (Cross-listed with GEOG 437/537.)

##### **SSPC 439/539 Land Use Planning**

4 credits

Applies land use planning history and legal foundations to provide the framework for exploring problems in land use planning, development, and public policy formulation. Pays particular attention to Oregon's land use planning legislation and its regional implementation. GEOG 350 recommended. Prerequisites: GEOG 107, 108, or ES 210 and upper division or graduate standing. (Cross-listed with GEOG 439/539.)

### **Sociology**

Taylor 122

541-552-6321

Echo Fields, Coordinator

Professors: Mark Shibley, Victoria Sturtevant

Associate Professors: S. M. Shamsul Alam,

Echo Fields, Jean Maxwell

Adjunct Faculty: Erika Giesen, Eva Skuratowicz,

Dee Southard, Sarah Stevens

Emeritus Faculty: Cecile Baril, Richard Colvard,

Iain Couchman, Bryce Johnson

The sociology program is part of the Social Science, Policy, and Culture Department. Sociology is the study of social life, social change, and the social causes and consequences of human behavior. Sociologists investigate the structure of groups, organizations, and societies and examine how people interact within these contexts. Since all human behavior is social, the subject matter of sociology ranges from the intimate

family to the hostile mob; from organized crime to religious movements; from the divisions of race, gender, and social class to the shared beliefs of a common culture; and from the sociology of work to the sociology of popular culture.

The well-educated sociology student acquires a sense of history, other cultures and times, the interconnectedness of social life, and different frameworks of thought. Sociology students are proficient at gathering information and putting it in perspective. Sociological training helps students bring breadth and depth of understanding to the workplace. A sociology graduate learns to think abstractly, formulate problems, ask appropriate questions, search for answers, analyze situations and data, organize material, write well, and make oral presentations that help others develop insight and make decisions. Sociology majors have an advantage in human behavior on three levels: how individuals behave in organizations, families, and communities; the ways in which these social units function as groups; and the wider social, political, and economic contexts in which decisions are made and in which groups function.

When sociology majors employed outside academic settings were asked to reflect on their education with the wisdom of hindsight, they replied that their undergraduate courses in research methods, statistics, and computer skills were most valuable. These courses help make sociology graduates marketable, especially in today's highly technical and data-oriented work environment. In addition, sociology majors develop analytical skills and the ability to understand issues within a "macro" or social structural perspective. Learning the process of critical thinking and how to bring evidence to bear in support of an argument is extremely important in a fast-changing job market.

Consequently, as sociology majors, students have a competitive advantage in today's information society. The solid base students receive in understanding social change (as well as in research design, data analysis, statistics, theory, and sociological concepts) enables them to compete for support positions (such as program, administrative, or research assistant) in research, policy analysis, program evaluation, and countless other social science endeavors.

Most people with the terms "sociologist" or "social worker" in their job title have graduate training, but sociology graduates apply the sociological perspective to a wide variety of jobs beyond these traditional categories, including careers in sectors such as business, education, health care, the criminal justice system, social services, and the government. Sociology offers valuable preparation for careers in journalism, law, politics, public relations, or public administration, all of which require investigative skills and the ability to work with diverse groups. For students interested in becoming professors, researchers, or applied sociologists, a BA or BS in sociology is excellent preparation for graduate work in sociology.

### **Degrees**

BA or BS in Sociology

## Minor

### Sociology

#### Becoming a Sociology Major

Students interested in majoring in sociology should first meet with a faculty member to discuss the program and the major requirements. Students who then decide to pursue the major should apply to the department when they have completed approximately 48 credits and most lower division University Studies requirements. Application forms are available from the department faculty, and the completed application materials may be turned in to any faculty member. To be accepted as a major, students must have earned a minimum cumulative GPA of 2.7 in SOC 204 and 205; completed University Seminar (or received credit for equivalent courses from institutions previously attended); and fulfilled their Quantitative Reasoning University Studies requirement by taking MTH 243 or EC 232. Transfer students must provide GPA evidence from their previous institutions. The department notifies students who have succeeded in becoming majors. Some upper division courses in the field are restricted to majors.

#### Requirements for the Sociology Major

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. A minimum of 56 credits in sociology; 48 credits must be upper division and 8 credits lower division. Of the 48 upper division credits, 24 must be upper division electives. All credits counted toward the major must be taken for a letter grade, except practicum.
3. Research and Writing requirement: SOC 301, 326, and 327.
4. Quantitative Reasoning component: MTH 243 or EC 232.
5. An average GPA of 2.5 or higher and a minimum grade of C- in all sociology and anthropology courses.

#### Interdisciplinary Major Emphasizing Sociology

As with the sociology major, students who wish to obtain a baccalaureate degree in interdisciplinary studies with sociology as a major field must apply to the department by submitting a personal statement describing their goals for the major, evidence of a minimum cumulative GPA of 2.7 in SOC 204 and 205, and proof of having completed University Seminar and MTH 243 or EC 232. Transfer students must provide GPA evidence from their previous institutions. All candidates work with an advisor from the department at the time of application. The department notifies applicants if they qualify as interdisciplinary degree students with a primary field in sociology. Some sociology courses are restricted to majors and interdisciplinary degree candidates with sociology as the primary field.

#### Capstone

The sociology capstone requires students to bring sociological expertise to bear on selected social issues. This is usually done in a seminar

in which students review writing, research, and current controversies in the field and apply their expertise to individual research and analysis of selected issues or social problems.

#### Sociology Core Courses

(56 credits)

The following eight courses (32 credits) are required of all sociology majors:

The Sociological Imagination (SOC 204) .....	4
Social Problems and Policy (SOC 205) .....	4
Sociological Practice (SOC 301) .....	4
Introduction to Social Research Methods (SOC 326) .....	4
Quantitative Data Analysis (SOC 327) .....	4
Classical Sociological Thought (SOC 370) .....	4
Society and Identity (SOC 371) .....	4
Senior Capstone (SOC 414) .....	4

All sociology majors must also complete a minimum of 6 upper division elective courses (24 credits), including a minimum of two 400-level courses (8 credits). These 8 credits may not include practicum or other individualized study: Poverty, Family, and Policy (SOC 304) .....

Poverty, Family, and Policy (SOC 304) .....	4
Community Studies (SOC 310) .....	4
Sociology of the Family (SOC 312) .....	4
Schools and Society (SOC 320) .....	4
Global Culture and Media (SOC 333) .....	4
Race and Ethnic Relations (SOC 337) .....	4
Contemporary Issues in Native North America (SOC 338) .....	4
Sociology of Gender Roles (SOC 340) .....	4
Sociology of Globalization (SOC 345) .....	4
Sociology of Islam (SOC 347) .....	4
People and Forests (SOC 350) .....	4
Environmental Sociology (SOC 420) .....	4
Social Inequality (SOC 434) .....	4
Organization Sociology (SOC 444) .....	4
Social and Cultural Change (SOC 450) .....	4
Deviant Behavior (SOC 454) .....	4
Sociology of Religion (SOC 461) .....	4
Contemporary Sociological Theory (SOC 472) .....	4

A maximum of 4 credits of practicum may be counted toward the major. Practicum credits may not be substituted for 400-level electives. Up to 8 credits from related disciplines may be counted toward the major with advisor consent.

#### Sociology Minor

(24 credits)

Students are required to register with a minor advisor through the department office.

Sociological Imagination (SOC 204) and Social Problems and Policy (SOC 205) .....	8
Upper division electives (not including practicum) .....	16

At least one 4-credit course must be at the 400-level. Reading, research, independent study, workshops, and seminars may be included, with advisor consent. Note that SOC 370 is a prerequisite for most 400-level courses. Students must have an average GPA of 2.5 or higher and a minimum grade of C- in all courses counted toward the minor.

#### Sociology Courses

##### LOWER DIVISION COURSES

##### SOC 199 Special Studies

Credits to be arranged

##### SOC 204 The Sociological Imagination

4 credits

Introduces fundamental concepts such as interaction, socialization, deviance, inequalities of race, class and gender, and globalization, as well as the theoretical and methodological tools employed in social research. Examines social institutions such as family, economy, religion, education, and politics. Pays particular attention to the interdependence of social forces and individual experience and to the ethical, political, and cross-cultural dimensions of sociological work. Approved for University Studies (Explorations).

##### SOC 205 Social Problems and Policy

4 credits

Analyzes contemporary social problems, including social inequality, discrimination, environmental degradation, and the impacts of globalization. Examines how social conditions are labeled "problems," the causes and consequences of those conditions, and how social activists and policymakers respond to social problems. Approved for University Studies (Explorations).

##### SOC 209 Practicum

Credits to be arranged

##### UPPER DIVISION COURSES

##### SOC 301 Sociological Practice

4 credits

Develops the research and writing competencies necessary for success in upper division coursework in sociology and for achieving occupational goals. Fosters an understanding of the stages in the research process, including literature review, research design, data gathering, and analysis. Emphasizes the ability to analyze social conditions from sociological perspectives and to communicate analysis effectively. Should be taken prior to the senior year. Open only to sociology pre-majors, majors, minors, and interdisciplinary majors that include sociology. Prerequisite: SOC 204, 205.

##### SOC 304 Poverty, Family, and Policy

4 credits

Examines contemporary poverty in the U.S. and its effects on family life. Focuses on the impact of racial and gender inequalities. Analyzes policy and legal approaches to poverty reduction, welfare reform, and family instability. Students compare successful and failed policies before exploring program development and policy analysis strategies. May be applied to the women's studies minor. Approved for University Studies (Synthesis/Integration). Prerequisite: Completion of all lower division University Studies requirements.

##### SOC 310 Community Studies

4 credits

Includes observation and analysis of American communities and their major social institutions. Explores theoretical conceptualizations of community. Examines cultural, political, and ecological influences in rural and urban regions. Prerequisite: SOC 204.

**SOC 312 Sociology of the Family**

4 credits

Emphasizes the changes in structure, function, and character of the family resulting from its relationship to the larger society. Compares the contemporary family to historical and cross-cultural forms. Analyzes family issues, such as changing gender roles, divorce, single parents, domestic violence, and new roles for children and aging relatives. May be applied to the women's studies minor. Prerequisite: SOC 204.

**SOC 320 Schools and Society**

4 credits

Examines the effects of schools and schooling on individuals, the stratification system, and society, and, in turn, social and organizational forces affecting schooling. Involves discussion of alternative educational discourses and practices. Approved for University Studies (Integration). Prerequisite: SOC 204.

**SOC 326 Introduction to Social Research****Methods**

4 credits

Introduces the process of social research, emphasizing measurement, sampling, and causation. Provides hands-on research experience gathering and analyzing data using observational techniques, qualitative interviewing, and structured surveys. Focuses on the political and ethical dimensions of social research. Prerequisite: Completion of all lower division social science University Studies requirements.

**SOC 327 Quantitative Data Analysis**

4 credits

Introduces students to univariate, bivariate, and multivariate techniques for analyzing quantitative data using Statistical Package for the Social Sciences (SPSS). Provides hands-on experience with General Social Survey data, U.S. Census data, and World Health Organization data, posing precise research questions that can be examined empirically with quantitative data. Prerequisites: MTH 243 or EC 232; completion of lower division social science University Studies requirements.

**SOC 333 Global Culture and Media**

4 credits

Explores transnational media and culture with emphasis on audiovisual media, the Internet, and globalization processes. Issues include the rise of consumer society; globalization and the production of popular culture; commodification; and the production and reproduction of identity, stereotypes, and power relations. Approved for University Studies (Synthesis). Prerequisites: SOC 204 and completion of all lower division University Studies requirements.

**SOC 337 Racial and Ethnic Relations**

4 credits

Emphasizes the unequal relationship between socially defined majority and minority groups. Examines the similarities and differences between class and ethnic modes of stratification, comparing U.S. ethnic relations with other countries. Covers political and ideological factors associated with attempts to transform tra-

ditional ethnic relationships. Explores ethnic identity formation. Prerequisite: SOC 204.

**SOC 338 Contemporary Issues in Native North America**

4 credits

Examines national and regional issues of major concern to Native Americans. Focuses on the historical roots of each issue or problem, its present-day impact on individuals and communities, and Native American responses. Topics may include restoration and preservation of community and culture, treaty rights, sovereignty, and self-sufficiency. May be applied to the Native American studies and Latin American studies minors. Prerequisite: ANTH 213 or SOC 204.

**SOC 340 Sociology of Gender Roles**

4 credits

Analyzes theory and research on the social production and maintenance of gender. Includes gender role socialization, concepts of femininity and masculinity, and the construction of gender in family, work, popular culture, and other social institutions. Addresses the impact of race and class on experiences of gender. Considers how feminist and men's movements have influenced changes in gender relations. May be applied to the women's studies minor. Approved for University Studies (Integration). Prerequisite: SOC 204.

**SOC 345 Sociology of Globalization**

4 credits

Offers an interdisciplinary analysis of political, economic, and social developments in the third world, with particular emphasis on the environment and women. Includes theories of modernization, dependence, and the postcolonial state as they apply to economic development, poverty, and political mobilization. Prerequisite: SOC 204.

**SOC 347 Sociology of Islam**

4 credits

Provides students with an essential background in Islam to better understand the Islamic world. Analyzes Islam both in theory and practice, examining Islam as a way of life and its effect on the political, individual, family, and social domains in various Islamic societies. Explores the cultural and historical context in which Islam emerges as a religion and way of life. Specific topics and issues include tensions between tradition and modernity in the context of human rights and democracy, the role of women, the Salman Rushdie case, and coverage of Islam in Western media. Prerequisite: SOC 204.

**SOC 350 People and Forests**

4 credits

Examines the relationship between past and present human societies and forest ecosystems. Explores how local and global political, economic, and cultural factors influence changing forest-use patterns in the Pacific Northwest. Pays particular attention to ways of achieving forest sustainability. Approved for University Studies (Synthesis). Prerequisite: Completion of all lower division University Studies requirements.

**SOC 370 Classical Sociological Thought**

4 credits

Examines the inquiries into the nature of social structure made by the founders of sociology in the nineteenth and early twentieth centuries. Focuses on the worldviews and writings of Comte, DuBois, Durkheim, Marx, Simmel, Weber, Wollstonecraft, and others. Emphasizes the application of classical theory to such contemporary social issues as the shift from modernity to postmodernity, globalization, and social inequality. Prerequisite: SOC 204.

**SOC 371 Society and Identity**

4 credits

Analyzes the impact of social situations on identity and the social self. Addresses the effects of groups and interpersonal relationships on attitudes, beliefs, and definitions of reality. Explores the development and maintenance of norms, pressures for conformity, and theories of socialization and personality development. Focuses on sociological theories and perspectives, including symbolic interactionism, feminist theory, dramaturgy, phenomenology and ethnomet hodology, and social constructionism. Prerequisite: SOC 204.

**SOC 399 Special Studies**

Credits to be arranged

**SOC 401 Research**

Credits to be arranged

Prerequisite: SOC 204.

**SOC 403 Thesis**

Credits to be arranged

**SOC 405 Reading and Conference**

Credits to be arranged

Prerequisite: SOC 204.

**SOC 407 Seminar**

Credits to be arranged

Prerequisites: SOC 204 and 370.

**SOC 408 Workshop**

Credits to be arranged

**SOC 409 Practicum**

1 to 6 credits

Includes preprofessional work in agencies, with an emphasis on providing human services or applying sociological perspectives in field settings. Up to 4 credits may be applied to the upper division sociology elective for the major. Prerequisites: Upper division standing and instructor's consent; sociology majors or interdisciplinary majors with sociology as the primary field.

**SOC 414 Senior Capstone**

4 credits

Explores aspects of the field in greater depth. Provides an opportunity to review and integrate sociological theory and research. Should be taken in the spring term of the senior year. May not be taken P/NP. Prerequisites: Senior standing, sociology major or interdisciplinary major with sociology as the primary field only, application for graduation, and instructor consent.

**SOC 420 Environmental Sociology**

4 credits

Examines the relationship between the human social institutions we create and the biophysical environments in which we live. Topics may include the culture of nature, population and consumption, political economy of environmental problems, social construction of environmental problems, evolution of environmental activism, public attitudes toward the environment, collaborative and community-based resource management, and environmental problem solving. Prerequisites: SOC 204 and one other sociology course or instructor consent.

**SOC 434 Social Inequality**

4 credits

Surveys and analyzes stratification theory and research. Focuses on class, gender, and race stratification and the relation of status, power, and social mobility to modern industrial societies. Prerequisites: SOC 204 and 370.

**SOC 444 Organizational Sociology**

4 credits

Analyzes theory and research on formal organizations in contemporary societies. Examines sources and forms of power and authority, management ideologies, bureaucratic structures and processes, organizational change, relationships between organizations and other aspects of social structure. Particular attention given to special characteristics of nonprofit organizations and alternatives to bureaucracy. Prerequisite: SOC 204 and 8 credits of upper division sociology.

**SOC 450 Social and Cultural Change**

4 credits

Examines issues related to cultural change and social transformations. Discusses the implications of such changes for groups in a society. Covers materials from advanced third-world societies. Prerequisites: SOC 204 and 8 credits of upper division sociology.

**SOC 454 Sociology of Deviant Behavior**

4 credits

Examines current conceptions of the causes of deviant behavior. Emphasizes the relationship between social definitions and individual behavior, the deviant career and the labeling process, and conflict and control theory. Analyzes contemporary social policy aimed at limiting and controlling deviance in society. Prerequisites: SOC 204 and 8 credits of upper division sociology.

**SOC 461 Sociology of Religion**

4 credits

Examines sociological theory and research on religious belief and behavior. Emphasizes the classical theoretical work of Durkheim, Marx, and Weber. Explores contemporary American religious phenomena, including local church services. Discusses liberal and conservative movements and the relationship of religion to politics, economics, and the family. Prerequisites: SOC 204 and 370.

**SOC 472 Contemporary Sociological Thought**

4 credits

Analyzes the ability of various contemporary theoretical perspectives to interpret the changing nature of society. Covers neo-Marxism, postmodernism, feminism, and postcolonialism. Includes such theorists as Foucault, Habermas, Giddens, Bourdieu, and others. Prerequisites: SOC 204 and 370.

**Theatre Arts**

Theatre Arts 111

541-552-6346

Chris Sackett, Chair

Professors: Dale R. Luciano, Chris Sackett, Dennis L. Smith

Associate Professors: Eric Levin, Maggie McClellan, Sean O'Shea, Deborah Rosenberg

Assistant Professors: Laurie Kurutz, Ezra Severin

Lecturer: Jim Giancarlo

Emeritus Faculty: Craig N. Hudson

The Department of Theatre Arts offers educational and practical experience in all areas of theatre, including acting, directing, costuming, stage scenery and lighting, sound, makeup, management, dramatic literature, and theatre history. Theatre arts majors participate in the department's active and ambitious production program and experience the close working relationships that develop between faculty and students as they produce live theatre together.

Through its presentation of classic and contemporary dramatic works, the Theatre Arts Department contributes significantly to the social and cultural enrichment of the SOU and southern Oregon communities. Dedicated to creating opportunities for students to apply their knowledge and skills in practical ways, the department not only supplies performance opportunities for students, but it also mounts productions that are often designed and predominantly executed by students.

The Theatre Arts Department maintains a positive formal relationship with the Oregon Shakespeare Festival (OSF). Adjunct faculty, guest artists, and lecturers from OSF enhance the department's curriculum. Students of merit may be recommended for internship positions during their junior and senior years.

As an Oregon University System designated Center of Excellence in the Fine and Performing Arts, SOU aims to provide high-quality education within a framework of an intensive program of preprofessional training. Fundamental to this mission are making the living art of theatre an essential element of theatre students' training, recognizing theatre arts as an academic resource, and culturally enriching the campus and community at large. Learning in this department is a collaborative experience that encourages professional standards in the studio, the classroom, and the production experience.

**Degrees**

BA or BS in Theatre Arts

BFA in Theatre

Master of Theatre Studies in Production and Design

**Minor**

Theatre Arts

**Admission to the Theatre Program**

Whether incoming freshmen or transfers, all students wishing to pursue a theatre arts major are admitted to SOU as theatre pre-majors and must apply to the Department of Theatre Arts for formal admission to the major within their first three terms as pre-majors. Application forms are available in the department office.

The theatre arts faculty considers applications for theatre major status from transfer students during winter term. Freshman applications for theatre major status will be considered during spring term. However, students who clearly demonstrate that they meet the criteria for admission may have their applications approved prior to their third term. Also, students who do not meet department standards by the end of their third term may not be accepted into the major.

The department limits the number of students admitted to the major. Priority is given to students who:

1. possess the intellect, interest, and aptitude to successfully complete the academic requirements of the theatre arts degree program, as demonstrated by a 2.75 cumulative GPA and a 3.00 GPA in the major;
2. demonstrate that they can meet their responsibilities and obligations to both the intellectual and production life of the department, as evidenced by GPA in major classes and work undertaken in Theatre Practice (TA 255 and 455); and
3. will contribute to the creative and scholarly activities of the program and exercise a positive influence on the learning environment.

The department chair notifies each student of formal acceptance to the theatre major and assigns the student a faculty advisor. The chair utilizes the above criteria to determine the master roster of new majors being admitted to the department.

**TRANSFER STUDENTS**

To facilitate a fluid transition into the program, transfer students are strongly encouraged to contact the department at least two full terms prior to arrival at SOU. Transfer students should arrange for an audition and/or interview, which will determine appropriate placement within the training sequence. Students interested in a performance (acting) emphasis must contact Dennis Smith, head of the acting program, to arrange an audition for appropriate placement in the acting sequence. Students with a scenic design or technical orientation must contact Sean O'Shea, head of the scene design program, to arrange for a portfolio review and/or interview, while students with an emphasis in lighting design, stage management, or sound should contact Chris Sackett, head of the

sound and lighting program. Students interested in a costume design or costume construction emphasis must contact Deborah Rosenberg, head of the costume program, for a portfolio review and/or interview.

Early contact with the department will minimize difficulties when registering for appropriate classes within the training sequence.

Upon commencing studies at SOU, transfer students must schedule an appointment with a theatre arts faculty member for an evaluation of which credits listed in the Advanced Standing Report (ASR) may be used to satisfy core requirements for the theatre major.

Transfer students who have not completed lower division core requirements in theatre may not be allowed to register for upper division theatre classes until they have completed those requirements.

#### **ADMISSION TO THE ACTING SEQUENCE**

Auditions before the faculty for admission to TA 247 (Acting I) will be administered under the auspices of TA 166 (Theatre Foundations) during fall term each year. Auditions are also conducted by the faculty each spring term to determine the roster of students who will be permitted to take TA 248 (Acting II) and other courses in the advanced acting sequence.

#### **ADMISSION TO THE BFA PROGRAM**

All students admitted to the major are admitted as majors in the BA or BS degree program. Admission to the BFA program is by audition only. Each student should consult a departmental advisor to determine a course of study. Students may apply for admission to the BFA no earlier than the end of their sophomore year by means of audition, interview, and/or resumé-portfolio presentation. (Transfer students should wait until they have been in residence at least two full terms prior to auditioning.) For more information about audition guidelines and dates, please contact the Theatre Arts Department.

#### **Requirements for the Major**

1. Fulfill baccalaureate degree requirements as stated beginning on page 19.
2. All full-time theatre arts majors and premajors are required to participate in the department's production program by enrolling in Theatre Practice each term until they have earned the maximum credits available for TA 255 and 455.
3. Continuation as a major in any of the degree programs is contingent upon a yearly evaluation. The criteria used to determine whether students shall be retained or dropped from the major include:
  - a. satisfactory fulfillment of the Theatre Practice requirement;
  - b. a minimum cumulative 2.75 GPA overall and 3.00 in the major; and
  - c. successful completion of the following courses by the end of the sophomore year: TA 144, 146, 166, 167, 169, 245, and 247 or 270.

#### **Theatre Arts Major (BA/BS Degree)**

(81 credits)

Requirements must be evaluated by an advisor and approved by the department chair. A total of 32 upper division theatre credits is required.

Stagecraft (TA 144) ..... 3

Costume Fundamentals (TA 146) ..... 3

Theatre Foundations (TA 166) ..... 3

Script Analysis (TA 167) ..... 3

Elements of Design (TA 169) ..... 3

Stage Lighting (TA 245) ..... 3

Choose one design class:

Lighting Design (TA 445) ..... 3

Scene Design I: An Introduction (TA 143) ..... 3

Costume Design (TA 262) ..... 3

Acting I (TA 247) or Acting Aesthetics (TA 270) .... 4

Theatre Practice (TA 255)\* ..... 6

Capstone Experience (TA 400) ..... 2

OSF Plays in Production (TA 439) ..... 3

Theatre Practice (TA 455)\* ..... 6

Forms and Meaning of Drama (TA 459) ..... 4

Drama in Western Culture (TA 466, 467, 468) .... 12

Courses in Dramatic Literature ..... 9-12

Theatre electives ..... 14

\*TA 255, 455: 6 credits minimum and 9 credits maximum each. All full-time theatre arts majors are required to register for at least 1 credit in Theatre Practice (TA 255 or 455) each term until they reach the maximum allowable credits. Students earning 5 credits in two consecutive terms of an academic year may be exempt from the 1-credit requirement during the third term of that academic year.

#### **BA/BS SUMMARY**

University Studies ..... 49

Theatre arts major (BA/BS Core) ..... 67

Theatre electives ..... 14

Miscellaneous electives ..... 50

Total for graduation ..... 180

#### **Bachelor of Fine Arts (BFA) Degree**

(59 credits)

Adjunct or paraprofessional requirements and theatre arts major requirements must be evaluated by the advisor and approved by the chair.

Stagecraft (TA 144) ..... 3

Costume Fundamentals (TA 146) ..... 3

Theatre Foundations (TA 166) ..... 3

Script Analysis (TA 167) ..... 3

Elements of Design (TA 169) ..... 3

Stage Lighting (TA 245) ..... 3

Choose one design class:

Lighting Design (TA 445) ..... 3

Scene Design I: An Introduction (TA 143) ..... 3

Costume Design (TA 262) ..... 3

Acting I (TA 247) or Acting Aesthetics (TA 270) .... 4

Theatre Practice (TA 255)\* ..... 6

Thesis (TA 403) ..... 3

OSF Plays in Production (TA 439) ..... 3

Theatre Practice (TA 455)\* ..... 6

Forms and Meaning of Drama (TA 459) ..... 4

Drama in Western Culture (TA 466, 467, 468) .... 12

\*TA 255, 455: 6 credits minimum and 9 credits maximum each. For the BFA, TA 455 may be taken for 6 credits minimum and 12 credits maximum. All full-time theatre arts majors are required to register for at least 1 credit in Theatre Practice (TA 255 or 455) each term until they reach the maximum allowable credits.

Students earning 5 credits in two consecutive terms of an academic year may be exempted from the 1-credit requirement during the third term of that academic year.

#### **BFA SUMMARY**

University Studies ..... 49

Theatre arts major (BFA core) ..... 59

Theatre electives ..... 30

Miscellaneous electives ..... 42

Total for graduation ..... 180

BFA students may concentrate on one of the following areas: acting, costuming, directing, stage lighting, sound, stage management, stage scenery, dramaturgy, or theatre business. Students must take five courses (some of which may come from core courses) in their area of concentration.

BFA students are required to maintain a 3.0 GPA for all work in theatre arts and a 3.0 GPA for all University work. They must also meet the graduation requirements of the University.

Coursework leading to the BFA in theatre is strictly monitored. Once admitted to the BFA program, students are required to plan a program of coursework that follows departmental guidelines. This coursework is planned in consultation with the departmental advisor and is subject to faculty approval. Published guidelines and requirements for developing an area of concentration and for the successful proposal and completion of a BFA thesis are available in the departmental office.

Retention in the BFA program is dependent on academic performance and continued development of talent and acquisition of skills as evaluated by faculty assessment. Although it is possible to complete all requirements within four years, a successful course of study may take longer, since graduation depends as much on demonstrated proficiency as on credits.

#### **Requirements for the Minor**

(40 credits)

Students interested in pursuing a minor in theatre arts should complete an application (available in the Theatre Arts Department) and submit it to the department chair. If theatre major enrollment meets full capacity of the department, the department chair may deny the application.

Stagecraft (TA 144) ..... 3

Costume Fundamentals (TA 146) ..... 3

Theatre Foundations (TA 166) ..... 3

Script Analysis (TA 167) ..... 3

Elements of Design (TA 169) ..... 3

Stage Lighting (TA 245) ..... 3

Choose one design class:

Lighting Design (TA 445) ..... 3

Scene Design I: An Introduction (TA 143) ..... 3

Costume Design (TA 262) ..... 3

Acting I (TA 247) or Acting Aesthetics (TA 270) .... 4

Theatre Practice (TA 255 or 455) ..... 3

Drama in Western Culture (TA 466, 467, 468) .... 12

#### **Teacher Licensing**

Students who would like to teach theatre arts at the middle school or high school level in Oregon public schools must complete a bachelor's degree in theatre arts before applying for

admission to the Master of Arts in Teaching (MAT) program at SOU. Interested students should consult the director of theatre education for an appropriate advisor and the School of Education regarding admission requirements for the MAT program.

Students must prepare in advance to increase their chances of acceptance into this competitive program. Practica, internships, and volunteer experiences working with children in the public schools prior to application to the MAT program are required.

## Dance Courses

### LOWER DIVISION COURSES

#### D 192 Dance Lab I

2 credits

Beginning dance technique. Section 1: Ballet; Section 2: Jazz. Additional fees may apply.

#### D 292 Dance Lab II

2 credits

Intermediate-level dance technique. Section 1: Ballet; Section 2: Jazz. Additional fees may apply. Prerequisite: D 192.

## Theatre Arts Courses

### LOWER DIVISION COURSES

#### TA 143 Scene Design I: An Introduction

3 credits

Introduces the basic principles of scene design and the influence of visual choices on the audience's understanding of the play. Explores scenery design and enhances understanding of the role of theatrical scenery. Covers the use of design elements such as line, color, shape, mass, and texture; the arrangement of stage space; and the importance of research in making appropriate choices. Introduces students to a variety of scenic styles and approaches. Students produce ground plans, color elevations, and models.

#### TA 144 Stagecraft

3 credits

Examines the basic principles and techniques of scenery construction, including theatre terminology, tools, woodworking, and shop practices. Students must also register for a lab section. Corequisite: TA 144L.

#### TA 146 Costume Fundamentals

3 credits

Introduces students to the basic principles of theatrical costuming. This class explores both construction and design through lecture and lab. Students will complete a construction/sewing project and produce a set of costume sketches as final projects. This class is the basis for all subsequent costume classes.

#### TA 147 Introduction to the Theatre: Drama in Production

3 credits

Introduces all aspects of theatre production. Offers an opportunity to view stage productions. Purchase of tickets is required.

#### TA 157 Introduction to Musical Theatre

##### Dance

3 credits

Intended for students with little or no previous dance experience. Introduces common musical theatre dance styles, the language of dance, and techniques for picking up steps.

#### TA 166 Theatre Foundations

3 credits

Required for all freshman and transfer theatre pre-majors in the first year of training. Introduces the collaborative art of theatre and all aspects of producing theatre. Acquaints new majors with the requirements, expectations, and opportunities within the theatre program.

#### TA 167 Script Analysis

3 credits

Required for all freshman and transfer theatre pre-majors in the first year of training. Develops students' abilities to read and interpret dramatic material for direction, performance, or design. Discusses what makes plays unique from other forms of writing. Students learn how to initially read a play, how to plot the action of the play and its characters, and how to interpret information offered by the playwright by asking questions that illuminate the inner meaning of the play.

#### TA 169 Elements of Design

3 credits

Required for all freshman and transfer theatre pre-majors. Serves as an introduction to the process and principles of design. Particular attention is given to the practice of designers working in the performing arts. Introduces students to the concepts, terminology, and practice of designers. Explores the design process from text analysis through design development by incorporating lectures, readings, classroom activities, and projects. Students become comfortable with image manipulation and interpretation while gaining communication tools vital for working in a collaborative environment.

#### TA 199 Special Studies

Credits to be arranged

#### TA 210 Movement for the Actor I

4 credits

Offers a beginning study of the physical component of acting. Designed to develop an actor's awareness and use of his or her primary tool, the body. Emphasizes learning the fundamental skeletal and muscular structures; building strength, coordination, and stamina; and creating a basic, all-purpose warm-up that is adaptable to individual physical needs and situations. Improvisational exercises explore awareness of the physical self, neutral alignment, physical creativity, and relaxation and breathing techniques. Prerequisites: TA 247 or instructor consent. Corequisites: TA 224 and 248.

#### TA 211 Movement for the Actor II

4 credits

Continues the development of actor movement skills begun in TA 210, including hand-to-hand stage combat techniques. Special emphasis is

on exploring different movement philosophies in conjunction with improvisational movement exercises as they relate to the process of acting, creating a character, and physicalizing text. Draws from techniques by Laban, Chekhov, Decroux, and others. Prerequisites: TA 210 or instructor consent. Corequisite: TA 225.

#### TA 224 Voice and Speech for the Stage I

4 credits

Provides a beginning study of an actor's vocal instrument through an understanding of the basic physical structure, the mechanics of the voice, and the production of sound. Explores the importance of vivid understanding of language and imagery to fulfill the expressive needs of the text. Exercises concentrate on natural breathing, relaxed body alignment, and emotional connection while cultivating resonant vocal production and muscular articulation skills. Includes the creation of a basic vocal warmup that is adaptable to individual needs and situations. Prerequisite: TA 247 or instructor consent. Corequisites: TA 210 and 248.

#### TA 225 Voice and Speech for the Stage II

4 credits

Builds on the development of the actor's vocal instrument begun in TA 224. Introduces more advanced methods of understanding and scoring the text. Expands the artistic and eloquent language skills necessary for classical theatre, focusing on the Greeks and Shakespeare. Students continue to work on developing vocal strength, flexibility, breath control, and a solid sound with ample resonance. Further develops heightened technical articulation skills through work on vowel and consonant action and pronunciation. Prerequisites: TA 224, 248, or instructor consent. Corequisite: TA 211.

#### TA 242 Theatre Sound

3 credits

Introduces the artistic and technical aspects of sound production and design for theatrical applications.

#### TA 243 Scene Design II, Techniques

3 credits

Explores scenic designs that address the requirements of plays from realistic and abstract genres. Develops communication skills for expressing design ideas verbally, as well as with models and two-dimensional sketches and renderings. Teaches perspective drawing and shading. Provides experience with various color media. Prerequisites: TA 141, 144, and 167.

#### TA 244 Stage Properties

3 credits

Addresses techniques of constructing furniture and properties for theatrical use. Includes prop management, finishes, upholstery, decoration, materials, and tool use. Prerequisite: TA 144.

#### TA 245 Stage Lighting

3 credits

Examines the basic theories and mechanics of stage lighting, with emphasis on equipment, lighting instruments, control, and stage-lighting graphics. Students must also register for a lab section. Corequisite: TA 245L.

**TA 247 Acting I: Fundamentals of Acting**

4 credits

Offers an introductory exploration of stage acting theory and methodology through exercises and beginning scene/monologue work. Emphasizes use of the actor's individual energies, character analysis, theatrical technique, and application to contemporary dramatic realism. Admission to the class is by audition (see *Admission to the Acting Sequence*). Restricted to majors.

**TA 248 Acting II: Intermediate Acting**

4 credits

Further develops acting technique and theory through exercises, improvisation, and monologue/scene work. Emphasizes contemporary comedic realism, rehearsal procedure, and the actor/director relationship. Restricted to majors. Prerequisite: TA 247. Corequisites: TA 210 and 224.

**TA 252 Stage Makeup**

3 credits

Introduces the principles of makeup for the stage. Class is taught through both lecture and lab to allow students the opportunities to plan, develop, and perfect different aspects of stage makeup techniques. Prerequisite: TA 146 or instructor consent.

**TA 255 Theatre Practice**

1 to 3 credits each term (maximum 9 credits)

Students gain practical experience in acting, stagecraft, lighting, sound, costuming, makeup, business management, promotion, house management, and stage management by participating in scheduled theatre productions.

**TA 257 Musical Theatre Dance**

3 credits

Further develops dance technique, with emphasis on musical theatre dance routines. Also examines popular and theatrical dance styles of the twentieth century and musical theatre history.

**TA 262, 263, 264 Costume Design**

3 credits each

Introduces major topics in theatrical costuming, including play analysis, director's concept, research, collaboration concerns, character analysis, the elements of design, effective drawing and painting, project assets and limitations, costume paperwork, and an overview of the entire process of costume design. Includes lecture and lab. TA 262, 263, and 264 comprise a full year of sequential classes in costume design. Students who wish to fulfill departmental core requirements are advised to take TA 262, offered fall term. The subsequent classes are recommended for students who plan to have costume design as their curricular emphasis. Prerequisite: TA 146 or instructor consent.

**TA 266, 267, 268 Costume Construction**

3 credits each

Introduces basic principles of flat patterning and draping as means of translating costume designs into costumes. Develops measuring, drafting, and draping skills for a variety of projects, including the basic body block or sloper, sleeve and collar variations, and skirt and

trouser construction. Emphasizes accuracy and care. Develops good work habits, proper fitting protocols, and pattern coherence. TA 266, 267, and 268 comprise a full year of sequential classes. Prerequisite: TA 146 or instructor consent.

**TA 270 Acting Aesthetics**

4 credits

Offers an introductory explanation of acting theory and methodology through exercise and beginning scene/monologue work. Emphasizes use of the actor's individual qualities, character analysis, performance techniques, and acting as an aspect of life. Primary focus is on contemporary realism. Priority is assigned to non-performance-oriented theatre majors. Prerequisite: TA 166 or instructor consent.

**UPPER DIVISION COURSES**

USEM 101, 102, 103; TA 144, 146, 166, 167, 168, 245, and 247 or 270 are prerequisites to all upper division classes except TA 357, 358, 455, 457, and 458.

**TA 312 Movement for the Actor III**

4 credits

Specialized movement course focusing on advanced development of an actor's physical skills through a variety of specialized movement techniques and disciplines. Encourages the physical articulation of the actor's process through aspects of neutral and character mask work and advanced improvisational exercises in creating characters and physicalizing text. Required for BFA. Prerequisites: TA 211, 225, 248, or instructor consent.

**TA 326 Voice and Speech for the Stage III**

4 credits

Specialized voice and speech course focuses on the specific analytical and vocal skills necessary for Shakespearean text, including punctuation, scansion, and text analysis of verse and prose. Introduces IPA and dialect work. Prerequisites: TA 225 and 248 or instructor consent.

**TA 334 Stage Management**

3 credits

Explores the concepts and principles of stage management, concentrating on organizational and management skills. Students learn to anticipate potential production problems, determine causes, and develop solutions to help promote the artistic achievement in a production. Prerequisites: Previous theatre production experience and instructor consent.

**TA 342 Sound Engineering**

3 credits

Offers advanced training in the use of sound in theatre. Focuses on recording techniques, editing, acoustics, and live mixing. Prerequisite: TA 242.

**TA 343 Scene Painting**

4 credits

Explores the theories and practice of scene painting, including color mixing, textures, and various painting techniques. Students must purchase lining brushes.

**TA 344 Drafting for Theatre**

3 credits

Examines the conventions and techniques of drafting, specifically oriented toward the types of drawings required for stage scenery and properties.

**TA 346 Costume Crafts**

3 credits

Explores conceptual, problem solving, and construction techniques for costume crafts. Covers millinery, armor, footwear, jewelry, and leather-work. Offered in alternate years in spring term. Prerequisite: TA 146 or instructor consent.

**TA 348 Acting III: Advanced Acting**

4 credits

Covers acting theory and technique for advanced improvisation, scene, and monologue work. Emphasizes detailed character development and relationships. Restricted to majors. Prerequisite: TA 248 and instructor consent.

**TA 349 Fashion Through the Centuries**

4 credits

Offers a comprehensive survey of Western civilization's garment fashion history from the beginning of recorded time to the present. Discusses social and political trends; technological innovations; and the human spirit's creative impact on fashion, history, and culture. Approved for University Studies (Integration).

**TA 350 Auditioning I**

4 credits

Involves the study and practical development of skills for prepared auditions. Focuses on the research necessary to develop a solid repertoire of monologue material. Prerequisite: TA 348 and instructor consent.

**TA 351 Auditioning II**

4 credits

Continues development of auditioning skills. Explores career development opportunities beyond undergraduate school. Includes study of graduate programs, regional theatres, guilds, unions, major markets, and professional expectations. Prerequisite: TA 350 and instructor consent.

**TA 354 Fundamentals of Directing**

4 credits

Provides an overview of the directing process. Emphasizes play selection, analysis, and pre-production preparation. Explores theories and techniques through text analysis, in-class exercises, and short scenes. Restricted to majors. Prerequisites: Junior standing, all lower division major requirements, and instructor consent.

**TA 355 Intermediate Directing**

4 credits

Emphasizes play selection and preproduction preparation as the primary source for choice of ground plan, development of blocking strategies, and communication with the actor. Explores the rehearsal process through direction of a scene or one-act play. Restricted to majors. Prerequisites: TA 354 and instructor consent by application.

**TA 357 Musical Theatre Workshop**

3 credits

Combines dance with singing. Students learn complete choreographed musical numbers in a range of styles.

**TA 358 Auditioning for Musical Theatre**

3 credits

Develops effective auditioning skills for musical theatre. Covers resumé preparation, finding out about auditions, selection and presentation of appropriate songs, and audition etiquette. Also addresses dance auditions.

**TA 359 Musical Theatre History**

4 credits

Offers a comprehensive survey of Western civilization's musical theatre history from its inception to the present. Discusses the social and political trends and technological innovations that affected the development of the musical theatre genre.

**TA 360 Creative Dramatics**

4 credits

Explores the craft of acting through improvisational philosophies and techniques. Uses improvisational methods and philosophies to create original performance pieces. Prerequisites: TA 211, 225, 248 or instructor consent.

**TA 366, 367 Advanced Costume Construction**

4 credits each

Continues the development of skills acquired in costume construction. Projects expand in complexity and scope and may include corsetry, tailoring, and period patterning. TA 366 and 367 represent advanced courses in costume construction. These courses are offered periodically as the need arises. Prerequisites for TA 366: TA 266, 267, and 268. Prerequisite for TA 367: TA 366.

**TA 371 Playwriting**

3 credits

Employs a variety of creative exercises to stimulate the creation of a one-act play based on the model of traditional Western dramatic structure. Prerequisites: TA 167 and instructor consent.

**TA 399 Special Studies**

Credits to be arranged

**TA 400 Capstone Experience**

2 credits

A culminating senior research project for BA/BS theatre majors that integrates knowledge and skills within the discipline. Prerequisite: Instructor consent.

**TA 401/501 Research**

Credits to be arranged

**TA 403/503 Thesis**

Credits to be arranged

Involves the preparation and presentation of a theatrical production or appropriate theatre project. BFA candidates only. Prerequisite: Departmental consent.

**TA 405/505 Reading and Conference**

Credits to be arranged

**TA 407/507 Seminar**

Credits to be arranged (maximum 9 credits)

Involves acting, business management, directing, design, or production experience with an established repertory, regional, stock, or summer theatre. Must be accepted by the company. Prerequisite: Instructor consent.

**TA 408/508 Workshop**

Credits to be arranged

**TA 409/509 Practicum**

Credits to be arranged

**TA 424 Film Acting**

4 credits

An advanced acting class that bridges the gap between stage and film performance techniques. Explores classic and current trends in film acting. Includes exercises and projects in film and camera technique based on traditional, contemporary scene, and monologue work. Prerequisites: TA 348 and instructor consent.

**TA 430/530 The Art of Storytelling**

3 credits

Explores folk tales, literary tales, and family and personal stories. Focuses on observing different storytellers, experimenting with a variety of storytelling techniques, and developing a personal storytelling style. Students learn to select and adapt stories for telling and deliver them with their own unique flair. Covers audience-participation storytelling, story games, story-theater, and developing family stories. K-12 teachers learn to use storytelling in the classroom throughout the curriculum. Cross-listed with ED 430.

**TA 434/534 Theatre Business Management**

3 credits

Covers the principles and methods of budgeting, promotion, box office management, and operations.

**TA 436/536 Studies in Shakespeare**

4 credits

Offers an intensive study of a limited number of Shakespearean plays within their social, political, and intellectual contexts. Plays are chosen to correlate with Oregon Shakespeare Festival offerings. Repeat credit is allowed for different topics. (Cross-listed with ENG 436/536.)

**TA 439 Oregon Shakespeare Festival Plays in Production**

3 credits

Involves discussions, individual projects, and student and lecturer observations. Offers opportunities to observe production techniques at the Oregon Shakespeare Festival. Purchase of tickets is required. Prerequisites: Theatre major and junior standing.

**TA 442 Theatre Sound Design**

3 credits

Offers an advanced study of theatre sound, with emphasis on providing practical experience in designing sound for various production styles. Prerequisite: TA 242.

**TA 443/543 Scene Design Studio**

3 credits (maximum 6 credits)

Covers all aspects of scene design, from conceptualization, development, collaboration, and documentation. Students work on theoretical projects and, in some cases, are involved in actual productions. Provides experience in all aspects of scene design and assists students in developing their design portfolios. Prerequisite: TA 243.

**TA 444 Theatre Technology**

3 credits

Studies stagecraft techniques, including scenic materials, metalwork, plastics, and stage equipment and machinery as they relate to theatre production. Prerequisite: TA 144.

**TA 445/545 Lighting Design: Creating the Aesthetic**

3 credits

Concentrates on the use of light as a means of supporting the audience's understanding and appreciation of theatrical performances. In lab experiences, students employ color, angle, intensity, and texture to achieve appropriate realism, mood, and visibility. Explores the timing of lighting transitions or cues and the effect upon rhythm inherent in a performance. Prerequisite: TA 245.

**TA 446/546 Lighting Design: Technique and Implementation**

3 credits

Covers all aspects of lighting design including script analysis, developing a light plot, and realization of a design. Topics include stage-lighting graphics, lighting equipment, and technology. Lab experiences focus on the integration of lighting design into the greater whole of production. Prerequisite: TA 245.

**TA 450 Period Styles I**

4 credits

Develops an understanding of the performance skills unique to the particular nonrealistic acting styles of Greek tragedy and classical Commedia del l'Arte by exploring the worldview of the plays and experimenting with improvisational and structured scene work. Prerequisite: TA 348.

**TA 451 Period Styles II**

4 credits

Offers an intensive study of the skills required when acting in Shakespeare's plays. Emphasizes scansion as a tool, verse-speaking, text interpretation, exploration of the Elizabethan world of the playwright, and character development through improvisational and structured scenes and monologues. Prerequisite: TA 450.

**TA 452 Period Styles III**

4 credits

Develops an understanding of performance skills unique to those particular nonrealistic acting styles of the Restoration and Comedy of Manners. Explores the worldview of the plays. Also experiments with improvisational and structured scene work. Prerequisite: TA 451.

**TA 453 Topics in World Drama**

4 credits

Examines forms of theatre and plays outside the Western canon and how they intersect with or have influenced Western forms. Repeat credit is allowed for different topics.

**TA 455 Theatre Practice**

1 to 3 credits each term (maximum 12 credits)

Provides advanced practical experience in acting, stagecraft, lighting, sound, costuming, promotion, makeup, business management, house management, and stage management for scheduled theatre productions.

**TA 458/558 Topics in Drama**

4 credits

Explores selected plays by various playwrights. Attendance at a live performance may be required. Repeat credit is allowed for different topics. Prerequisite: TA 167.

**TA 459/559 Forms and Meaning of Drama**

4 credits

Offers a critical analysis of the nature, dramatic forms, and characteristics of the theatrical event. Prerequisite: Junior standing.

**TA 462, 463 Advanced Costume Design**

4 credits each

Expands the skills developed in costume design. Students generate a professional portfolio through further investigation of play interpretation, character analysis, research challenges, and intensive drawing and painting. TA 462 and 463 represent the second year of a five-course sequence in costume design. Prerequisites: TA 262, 263, and 264.

**TA 466/566 Drama in Western Culture**

4 credits

Explores the development of Western drama and theatre from antiquity to the Middle Ages. Involves intensive study of representative plays. Examines production techniques, theatre architecture, actors and acting styles, and significant political and cultural developments of the times. Approved for University Studies (Integration). Prerequisite: Upper division standing.

**TA 467/567 Drama in Western Culture**

4 credits

Explores the development of Western drama and theatre from the Renaissance to the eighteenth century. Involves intensive study of representative plays. Also examines production techniques, theatre architecture, actors and acting styles, and significant political and cultural developments of the times. Prerequisite: TA 466.

**TA 468/568 Drama in Western Culture**

4 credits

Explores the development of Western drama and theatre from the eighteenth century to the present. Involves intensive study of representative plays. Examines production techniques, theatre architecture, actors and acting styles, and significant political and cultural developments of the times. Prerequisites: TA 466 and 467.

**Ashland Center for Theatre Studies (ACTS)****Master of Theatre Studies in Production and Design**

The Ashland Center for Theatre Studies Theatre Teacher Training Program offers a unique master's program that focuses on theatre production, design, and technology for high school and community college theatre teachers. The structure of this master's degree program follows the guidelines set by the Department of Theatre Arts. Candidates must be admitted to graduate studies.

For general information about the graduate program, please consult the *Graduate Studies* section. Master of theatre studies in production and design students earn 12 credits each year for three years, spending two weeks in residence on the SOU campus each summer and completing applied design and technology, research, and curriculum projects during each school year. Completion of the master's degree requires 9 additional credits in related approved theatre courses for a total of 45 graduate credits.

**Major Department (Theatre Arts)**

(Required) 36 credits in graduate-level theatre arts core curriculum courses:

Principles of Production Analysis (TA 521, 522, 523).....	9
Design Elements (TA 526, 527, 528).....	9
Production Implementation (TA 531, 532, 533).....	9
Practicum: Applied Technology (TA 541, 542, 543)....	9
Related graduate-level theatre coursework .....	9
Total credits.....	45

**ADMISSION**

In addition to meeting the requirements for admission to a graduate degree program, students must submit a resumé, three letters of reference that address teaching and production experience, and a statement of educational philosophy.

**CLASSES**

All TA 521 through TA 543 courses offered under the ACTS Master of Theatre Studies are required over three summers. The curriculum includes required coursework before and after the two-week summer residency period. This work includes play reading, analysis papers, research, curriculum, and applied design and technology projects executed at the students' own school. The residency portion of the program includes active discussion of production elements, including script analysis, design, and stage management, as well as in-depth exploration of all technical areas, hands-on development of production concepts, and practical application of technical processes. Evenings are spent preparing class assignments, working on design and technical projects, and viewing plays at the Oregon Shakespeare Festival.

**MASTER'S THESIS**

The curriculum culminates in a master's thesis project. The thesis project requires a complete directorial analysis that is applied to the design elements and will be realized in working drawings, renderings, recordings, and prospectuses.

**ACTS Master of Theatre Studies Coursework**

Coursework is broken down into four integrated 9-credit sequences that focus on presentational, representational, and musical theatre. Assignments and individual blocks of time within the summer residency portion may fulfill requirements for more than one course.

**Theatre Courses****GRADUATE-LEVEL COURSES****TA 521, 522, 523 Principles of Production****Analysis**

3 credits each

Related to the script work of directors and designers. Offers the foundation for direction and design. Requires reading and analyzing plays with the intent to realize a theatrical production of the plays assigned. Includes discussion of plays viewed at the Oregon Shakespeare Festival. Coursework includes dramatic structure, scenic breakdown, beat analysis, statements of dramatic action, and discussion of analogies and metaphors used in developing a unified concept for a production. TA 521 emphasizes presentational theatre; TA 522 emphasizes representational theatre; and TA 523 emphasizes musical theatre.

**TA 526, 527, 528 Design Elements**

3 credits each

Related primarily to the designer's work. Offers opportunities to explore how the varied elements of design integrate to realize a unified production. Curriculum includes research, building models, creating renderings, drafting light plots, recording sound sketches for assigned plays, and developing a rationale to support design choices. Students formalize design interpretations in scene, costume, lighting, and sound design and present the designer's work in both theoretical and realized formats. The realized designs will include documentation of process, methods, and materials. TA 526 emphasizes presentational theatre; TA 527 emphasizes representational theatre; and TA 528 emphasizes musical theatre.

**TA 531, 532, 533 Production Implementation**

3 credits each

Related to the organization and physical implementation of production and the work of the production manager, stage manager, technical director, properties master, costume shop supervisor, master electrician, and sound engineer. Focuses on developing the practical skills necessary to implement a production. Teaches how to translate design ideas into tangible form and how to communicate those ideas throughout production areas. Curriculum includes current theatre technology, research of new technologies, and scheduling and communication models for production implementation. Integral aspects include how to work within a defined set of financial, physical, and material resources and how to minimize negative aspects and maximize the potential of a fully integrated production. TA 531 emphasizes presentational theatre; TA 532 emphasizes representational theatre; and TA 533 emphasizes musical theatre.

**TA 541, 542, 543 Practicum: Applied Technology**

3 credits each

Related to learning theatre crafts. Develops the information base necessary for full technical support of a design concept. Focuses on new theatre technologies and improving skills in costume construction and wardrobe; set and properties construction, painting, rigging, and lighting; and sound-recording, editing, mixing, and live amplification. Includes documentation in all areas of production, including itemized budgets, costume plots and renderings, scenic design and construction drawings, paint renderings and elevations, scenic inventory and timeline, prop lists, light plots and hookup sheets, wig and makeup renderings, and sound plots. Addresses safety and maintenance of equipment and facilities. TA 541 emphasizes presentational theatre; TA 542 emphasizes representational theatre; and TA 543 emphasizes musical theatre.

**Women's Studies**

521 S. Mountain, Lower Level

541-552-6750

Barbara Scott Winkler, Coordinator

The women's studies program is part of the Department of Social Sciences, Policy, and Culture. Women's studies at Southern Oregon University is an interdisciplinary program emphasizing the teaching and study of women and gender in society, culture, and history. We focus on women as a diverse, heterogeneous group; courses in women's studies examine the numerous ways in which gender intersects with multiple social forces and shapes human experience.

Students learn about themselves and the world through critical thinking and personal and social empowerment. Integrating various disciplines, women's studies provides a supportive and challenging liberal arts education for students of any gender. Women's studies also provides its own interpretive framework and emphasizes the relationship of classroom learning to social awareness and community involvement. The women's studies program provides general education or service courses and offers a minor. The minor is supported by courses from other departments and programs in the College of Arts and Sciences, in addition to courses offered by the program under the WS prefix.

Students may also enroll in the Independent Interdisciplinary Minor (IIM) with women's studies as either a primary or secondary area. For more information about the women's studies minor or IIM, contact the program coordinator.

**Requirements for the Minor***Required Courses (8 credits)*

Women in Society: Introduction to

Women's Studies (WS 201).....4

Feminist Theory in Action (WS 410).....4

*Electives (16 credits)\**

Gender Issues (ANTH 340).....4

Seminar: Women in Development (ANTH 407)....4

Activist Art (ARTH 399).....4

Race, Gender, and Ethnicity in Art (ARTH 450) ....	4
Gender and Human Communication (COMM 425)....4	
Gender, Politics, and Media (COMM 460) .....	4
Women Transforming Language (COMM 460B)....4	
Culture, Identity, and Communication (COMM 460C) .....	4
Gender, Race, and Media (COMM 470).....4	
Gender Issues in Economics (EC 340).....4	
Class, Culture, and Feminism in Victorian and Edwardian England (ENG 341) .....	4
British Women Writers (ENG 367).....4	
Women Writers in the U.S. (ENG 368) .....	4
British Novel After 1850 (ENG 418) .....	4
Chicano Subjectivities and the Intersection of Race, Gender, Class, Sexuality, and Religion (ENG 447).....4	
Wilde's Worlds: 1880s-1890s (ENG 447).....4	
England's Others: Victorian Literature of Immigration and Empire (ENG 447).....4	
Nonwestern Literature (ENG 455).....4	
Topics in Women's Writing (ENG 498) .....	4
Human Sexuality (PSY 369) .....	4
Seminar: Feminism as Therapy (PSY 407) .....	4
Psychology of Women (PSY 492) .....	4
Lesbian and Gay Studies (PSY 495).....4	
Women in Science (BI 385) .....	3
Poverty, Family, and Policy (SOC 304).....4	
Sociology of the Family (SOC 312).....4	
Sociology of Gender Roles (SOC 340) .....	4
Feminist Social Thought (SOC 407).....4	
Social Inequality (SOC 434) .....	4
International Women's Movements (WS 301).....4	
Contemporary U.S. Women's Movements (WS 302).....4	
Gender and the Body (WS 399).....4	
Reading and Conference (WS 405) .....	TBD
A Cultural History of the Breast (WS 407).....4	
Sexual Politics in U.S. History (WS 417).....4	

Note: Other SSC 399 and 407 courses are occasionally offered for women's studies credit.

Courses from the Women's Studies Summer Forum, which is offered through the Division of Continuing Education, also count toward credit for the women's studies minor. See the summer course listing or contact the program office for more information.

Students are strongly advised to plan their course of study with the program director. They are also urged to complete an application for minor degree status. Applications are available at the program office.

\*The 16 elective credits for the women's studies minor must be upper division. Of these 16 elective credits, no more than three courses can be from the same prefix.

**Women's Studies Courses****LOWER DIVISION COURSES****WS 201 Women in Society: Introduction to Women's Studies**

4 credits

Provides an introductory survey of the concepts, issues, and new scholarship on women and gender in American society. Sources and readings are drawn from different disciplines, including literature, history, philosophy, sociology, psychology, communication, economics, and the arts. Topics may include gender relations in the home and workplace, language and

gender, body image, media, sexuality, intimate relationships, the dynamics of patriarchy, diversity and differences among women, the intersection of gender with race and class dynamics, violence against women, feminism, and women's movements. Approved for University Studies (Explorations).

**UPPER DIVISION COURSES****WS 301 International Women's Movements**

4 credits

Examines contemporary feminist movements worldwide. Explores the emergence or re-emergence of feminist organizing in the U.S., Eastern and Western Europe, Asia, Latin America, Africa, and the Middle East. Topics include the relationship of religion, race, class, and sexual orientation to conceptualizations of feminism worldwide; women's rights as human rights; economic development, transnational corporations and their impact on women's roles; and sexual rights and reproductive freedom. Pre-requisite: Completion of all lower division University Studies requirements.

**WS 302 Contemporary U.S. Women's Movements**

4 credits

Explores the origins of contemporary feminist movements in the U.S. Examines such controversial topics as pornography, date/acquaintance rape, sexual harassment, abortion, and reproductive rights. Studies the history of feminist social movements, organizations, and the development of feminist social theory. Includes the contributions of feminists of color and lesbian feminists and looks at the ways in which race, class, and sexual orientation affect women's lives. Approved for University Studies (Integration).

**WS 303 Sex, Gender, Violence, and Justice**

4 credits

Explores historical and contemporary understandings of hate crimes, domestic violence, sexual assault, institutional violence, warfare, human trafficking, cultural appropriation, and cultural relativism from multidisciplinary perspectives. Students will learn local-to-global critical analysis of these issues and explore ways to become effective agents of change. Pre-requisite: Junior or senior standing.

**WS 399 Special Studies**

Credits to be arranged

**WS 401 Research**

Credits to be arranged

Stresses the development of research and writing skills. Research projects must be approved by the program director and Women's Studies Council.

**WS 405/505 Reading and Conference**

Credits to be arranged

**WS 407 Seminar**

4 credits

**WS 410 Feminist Theory in Action**

4 credits

Examines the relationship between feminist theory and related action, application, or activism. In addition to class attendance and participation, all students are required to engage in thirty hours of projects or placements that may include service learning, community-based learning, or independently devised individual or group projects involving social and cultural action. In-class time is divided between analyses of diverse feminist theories and collective discussion of student projects. Required of women's studies minors and IIMs whose primary field is women's studies. Open to all students with junior or senior standing. Prerequisites: Upper division standing and instructor consent. WS 201 highly recommended.

**WS 417 Sexual Politics in U.S. History**

4 credits

Examines historical changes in and struggles over the meaning, regulation, and politics of sexuality in the United States from the period of settlement to the present. Explores the relationship of gender, race, class, and region to sexual experience and identity. Focuses on the rise of gay, lesbian, and bisexual identity and politics. Also investigates debates over sex education, birth control, prostitution, pornography, AIDS, and the moral panics elicited by these issues. Topics vary each term.

**WS 418 Intimate Violence Victim Advocacy**

Skills

4 credits

Provides forty hours of advocacy skills training for those interested in working with victims/survivors of sexual assault, domestic violence, stalking, and other forms of sexual and domestic violence. Topics include: understanding the impact of sexual violence on victims/survivors, the social and cultural contexts in which sexual and domestic violence occurs, public policy and laws related to sexual and domestic violence, and the roles and limitations of services from advocates while they assist victims/survivors with law enforcement, the legal system, social services, and medical services. Prerequisite: Instructor consent or successful completion of WS 201.

**GRADUATE COURSES****WS 501 Graduate Research**

4 credits

# Certificates

**Certificate in Applied Finance and Economics**

Milan (Kip) Sigitich, Coordinator

541-552-6557

Professors: Curtis J. Bacon, Hassan Pirasteh

Associate Professor: Milan (Kip) Sigitich

The Certificate in Applied Finance and Economics (CAFE) is jointly offered by the School of Business and the economics program. The certificate program is open to all students: undergraduate, graduate, and postbaccalaureate. In size and scope, the certificate is between a minor and a major. To be awarded this certificate, students must meet CAFE program requirements and requirements for a BA or BS degree at SOU (or the transfer equivalent). A majority of credits for the CAFE must be taken at SOU.

The purpose of the CAFE is to provide students with an opportunity to combine selected finance and economics courses into a coherent area of study. The CAFE program integrates courses from the two disciplines, synthesizing the broad theoretical subject overview and applications provided in economics with the practical and applied areas emphasized in finance.

The CAFE program is intended to equip students with a base of analytical methods and tools used in finance and economics while developing their ability to critically and quantitatively apply those tools to actual problems encountered in the workplace. To meet these goals, students must select elective courses from one of five focus areas tailored to their career interests.

The CAFE program requires completion of 36 credits, consisting of five required courses and four electives from one focus area. All courses taken for the certificate must be completed with a grade of C or better and a minimum 2.5 GPA.

*Required Courses (20 credits)*

Principles of Finance (BA 385).....	4
Investments (BA 472).....	4
Principles of Microeconomics (EC 201).....	4
Principles of Macroeconomics (EC 202).....	4
Intermediate Macroeconomics (EC 376).....	4
Total credits.....	20

*Electives (16 credits; complete one focus area)***FINANCIAL SERVICES (CHOOSE FOUR COURSES)**

*For students interested in banking, brokerage, insurance, and related fields:*

Money, Banking, and Financial Institutions (EC 318).....	4
Financial Markets and Institutions (BA 470).....	4
Quantitative Methods and Application (EC 332) ...4	
Business Cycles and Macroeconomic Forecasting (EC 478) .....	4
International Economics (EC 320) or	
International Financial Management (BA 473)... 4	
Quantitative Methods and Application (EC 332) ...4	
Benefit-Cost Analysis in Project Assessment (EC 364).....	4

**FINANCIAL ANALYSIS (CHOOSE FOUR COURSES)**

*For students interested in working in the corporate financial environment:*

Financial Management (BA 471).....	4
Quantitative Methods and Application (EC 332) ...4	

**Business Cycles and Macroeconomic**

Forecasting (EC 478)..... 4

International Financial Management (BA 473)..... 4

Benefit-Cost Analysis in Project Assessment (EC 364)..... 4

**ECONOMIC ANALYSIS (CHOOSE FOUR COURSES)**

*For students interested in performing economic analysis for banks, larger corporations, government agencies, or similar entities:*

Money, Banking, and Financial Institutions (EC 318) or Financial Markets and Institutions (BA 470).....	4
Public Finance (EC 319).....	4
International Economics (EC 320) or	
International Financial Management (BA 473)... 4	
Quantitative Methods and Application (EC 332) ...4	
Business Cycles and Macroeconomic Forecasting (EC 478) .....	4

**PUBLIC SECTOR (CHOOSE FOUR COURSES)**

*For students interested in the public sector or nonprofits such as planning departments and inter-governmental agencies:*

Money, Banking, and Financial Institutions (EC 318) or Financial Markets and Institutions (BA 470) .....	4
Financial Management (BA 471) .....	4
Public Finance (EC 319).....	4
International Economics (EC 320) or	
International Financial Management (BA 473)... 4	
Quantitative Methods and Application (EC 332) ...4	
Benefit-Cost Analysis in Project Assessment (EC 364).....	4

**GENERAL (CHOOSE FOUR COURSES)**

*For students who are undecided about a career interest or prefer a broad exposure:*

Money, Banking, and Financial Institutions (EC 318) or Financial Markets and Institutions (BA 470) .....	4
Public Finance (EC 319).....	4
International Economics (EC 320) or	
International Financial Management (BA 473)... 4	
Quantitative Methods and Application (EC 332) ...4	
Financial Management (BA 471) .....	4

**Certificate in Botany**

Science 206

541-552-6804

Steve Jessup (Biology), Advisor

The Certificate in Botany serves undergraduate, graduate, and postbaccalaureate students wishing to work in the plant sciences. The program prepares students for careers as botanists with state and federal agencies, environmental consulting firms, and nongovernmental conservation organizations. The certificate also offers a solid foundation for students planning graduate work in botany. Students wishing to pursue the Certificate in Botany should meet with the certificate advisor early in their program.

**Requirements for the Certificate**

- Undergraduate students must complete the requirements for a bachelor's degree (not necessarily biology). Postbaccalaureate students who wish to earn a Certificate in Botany must meet the standards for admission to SOU graduate programs.

2. Achieve a minimum 3.0 GPA for courses in the certificate program.
3. Complete all of the core courses below: (24 credits)
 

Plant Physiology (BI 331) .....	4
Origins and Diversity of Land Plants (BI 432/532).....	4
Plant Systematics (BI 433/533).....	4
Plant Form and Function (BI 434/534).....	4
Origins and Diversity of Protists and Fungi (BI 436/536).....	4
Plant Ecology (BI 454/554).....	4
4. Complete two of the following courses, conduct all project work with a botanical emphasis, and submit the graded project(s) to the certificate advisor in the portfolio. (6–8 credits)
 

Biological Illustration (BI 430/530).....	3
Conservation Biology (BI 438/538).....	3
Ethnobotany and Cross-cultural Communication (BI 384).....	3
Bryology (BI 442/542).....	4
Vascular Plant Identification and Field Botany (BI 444/544) .....	3
Introduction to Geographic Information Systems (GEOG 451/551).....	4
5. Complete the appropriate research option with a botanical emphasis: (4–6 credits)
 

Senior Capstone Research (see capstone options).....	4–6
Research (BI 401/501) .....	4–6
Scanning Electron Microscopy (BI 485/585).....	4
Thesis (BI 503) .....	4–6
6. Present to the certificate advisor (no later than final exam week of the term the certificate is to be awarded) a portfolio of exemplary work assembled from all courses completed for the certificate program.

## ***Certificate in Business Information Systems***

Al Case (AIS)  
541–552-6556  
Katie Pittman (MIS)  
541–552-8204

The increasingly critical role of information systems within organizations has created a demand for graduates who are knowledgeable about both information systems and business. Students enrolled in the Certificate in Business Information Systems (CBIS) program choose a focus area in either Accounting Information Systems (AIS) or Management Information Systems (MIS). This certificate program provides students with an opportunity to gain expertise in business software applications and to develop in-depth knowledge of organizational information systems.

The AIS option provides students with the accounting and technical skills necessary for successful careers in accounting and accounting information systems in today's technology-oriented marketplace.

The MIS option includes a combination of applied and theoretical courses in business computer applications, programming, and information systems.

This option equips students with the skills and knowledge necessary to effectively operate and manage in a high-tech environment.

In size and scope, the certificate is between a minor and a major. To be awarded an AIS or MIS certificate, students must complete the course requirements listed below and the SOU requirements for a BA or BS degree or the transfer equivalent. A majority of the credits must be taken at SOU. Students must maintain a minimum 2.5 GPA in all certificate courses. This certificate program is open to undergraduates, graduates, and postbaccalaureate students.

### **Program Requirements**

Program prerequisites include Business Computer Applications (BA 131); Accounting Information I, II (BA 211, 213); and Management Information Systems (BA 382).

#### *Core Courses (12 credits)*

Advanced Business Application of Spreadsheets (BA 383) .....	4
Advanced Business Application of Databases (BA 384) .....	4
Computer Science I (CS 200) .....	4

#### *Focus Area Coursework (24 credits)*

Credits must be taken from one of the focus areas listed below.

#### **Accounting Information Systems (AIS)**

##### *(24 credits)*

###### *Requirements (16 credits)*

Intermediate Accounting I (BA 351) .....	4
Intermediate Accounting II (BA 352).....	4
Cost and Management Accounting I (BA 451).....	4
Accounting Information Systems (BA 454) .....	4

###### *Electives (8 credits)*

Seminar/Special Topics (BA 407)* .....	4
Practicum (BA 409)* .....	4
Cyberlaw (BA 474) .....	4
Business Information Systems Design (BA 484) .....	4
Fundamentals of Project Management (BA 488) .....	4
Advanced Management Information Systems (BA 497) .....	4
Computer Science II (CS 257) .....	4
Other CS or BA courses as approved .....	4–8

#### **Management Information Systems (MIS)**

##### *(24 credits)*

###### *Requirements (8 credits)*

Business Information Systems Design (BA 484) .....	4
Advanced MIS (BA 497) .....	4

###### *Electives (16 credits)\*\**

Seminar/Special Topics (BA 407)* .....	4
Practicum (BA 409)* .....	4
Applied Business Research (BA 428) .....	4
Cyberlaw (BA 474) .....	4
Fundamentals of Project Management (BA 488) .....	4
Computer Science II (CS 257) .....	4
Other CS, BA, or AM courses as approved .....	4–12

\*Must be in a related area and be approved in advance by the certificate advisor.

\*\*Elective courses must be chosen in consultation with certificate advisor to develop a consistent area of study relevant to student interests. Examples include software development, database administration, and web development.

## ***Certificate in Interactive Marketing and E-Commerce***

Chuck Jaeger (Business), 541–552-6714

The course requirements for the Certificate in Interactive Marketing and E-Commerce are designed to equip students with the necessary marketing, computer technology, design, and multimedia skills to succeed in direct and Internet marketing and e-commerce. Graduates of the certificate program possess the technical skills to work with information technology and web technology groups in business, government, and educational settings. The certificate program is open to undergraduate, graduate, and postbaccalaureate students.

The Certificate in Interactive Marketing and E-Commerce requires completion of 32 credits, consisting of six required courses and 8 elective credits. Transfer courses require an advisor's approval. All courses taken for the certificate must be completed with a grade of C or better. Students must maintain a minimum 2.5 GPA in all certificate courses.

### **Curriculum**

#### *Prerequisites*

Business Computer Applications (BA 131)

Elementary Statistics (MTH 243)

Principles of Marketing (BA 330)

Computer Science I (CS 200) or

Web Development I (CS 210)

#### *Core Requirements (24 credits)*

##### *Advanced Business Applications of*

Databases (BA 384) or Databases (CS 360) .....

Direct Marketing (BA 435/535) .....

Internet Marketing and E-Commerce (BA 436/536) .....

Computer Science II (CS 257) or Web Development II (CS 295) .....

Introduction to Multimedia (AM 233) .....

Web Authoring (AM 337) .....

##### *Electives (8 credits)*

Seminar (BA/CS 407)\* .....

Practicum (BA 409)\*† .....

Applied Business Research (BA 428)\*† .....

Business Planning (BA 499)\*† .....

Design for Multimedia (AM 334) .....

Web Interface Design, Graphics, and Animation (AM 338) .....

Graphic Design (ART 344)† .....

Digital Interactive Studio (ART 351)† .....

Visual Basic (CS 380) .....

Client-Server (CS 432)† .....

Corporate Web Development (CS 433)† .....

\*Must be in a related area and be approved in advance by the certificate advisor.

†These courses have one or more prerequisites that are not included in the certificate curriculum, but are included in corresponding major or minor requirements.

\*\*Elective courses must be chosen in consultation with certificate advisor to develop a consistent area of study relevant to student interests. Examples include software development, database administration, and web development.

## Certificate in Management of Human Resources

Joan McBee (Business)  
541-552-6493  
Jonathan Lange (Communication)  
541-552-6425  
Michael Naumes (Psychology)  
541-552-6987

The Certificate in Management of Human Resources (CMHR) equips candidates with specialized skills to work with the most important resource at an organization—people. Students develop a practical knowledge base in the following areas: interviewing and staff selection; training design and implementation; team-building; employee relations and conflict resolution; management of a diverse work force; performance appraisal and management; compensation design and administration; employee benefits; legal and regulatory practices; personnel policies and programs; labor and union relations; and health and safety.

The CMHR is offered jointly by the School of Business, the Communication Department, and the Psychology Department. In size and scope, the certificate is between a minor and a major. This interdisciplinary format requires the completion of a 12-credit prerequisite series, a 24-credit core, and 12 elective credits chosen from at least two of the three disciplines. This format allows the student to build an area of strength in a preferred field of emphasis.

This program provides a supplemental certificate option for students majoring or minoring in business, communication, or psychology. The program is also open to students completing any BA or BS degree at SOU. Each student has a CMHR advisor who facilitates an individual plan of study and success in the certificate program. All courses taken for the certificate must be completed with a grade of C or better. A minimum GPA of 2.5 must be maintained in all courses taken for the certificate. At least 20 of the 36 core and elective credits must be completed at SOU.

### Prerequisites (12 credits)

Interpersonal Communication (COMM 125) or  
Small Group Communication (COMM 225)..... 4  
Principles of Management (BA 374) ..... 4  
General Psychology (PSY 202) ..... 4  
**Core Requirements (24 credits)**  
Interviewing and Listening (COMM 330) ..... 4  
Organizational Communication (COMM 475) or  
Organizational Behavior (BA 475) ..... 4  
Principles of Human Resource Management  
(BA 481) ..... 4  
Personnel Selection and Appraisal (BA 486) ..... 4  
Organizational Psychology (PSY 445) ..... 4  
HR Practicum (BA/COMM/PSY 409)  
(must be approved) ..... 4

**Electives (12 credits) (must come from at least two departments)**  
Communication Across Cultures (COMM 200).... 4  
Principles of Public Relations (PR 331) ..... 4  
Gender and Human Communication  
(COMM 425) ..... 4  
Conflict Resolution (COMM 455) ..... 4

Mediation and Conflict Management (BA/COMM/PSY 448).....	4
HR Certification Course (BA 407).....	2
Business Ethics (BA 476) .....	4
Labor Relations (BA 482).....	4
Compensation Management (BA 485) .....	4
Health, Safety, and Risk Management (BA 487) .....	4
Social Psychology I (PSY 334).....	4
Problem Solving and Decision Making (PSY 407)....4	
Creative Thinking (PSY 437).....	4
Group Dynamics (PSY 438) .....	4
Behavior Modification (PSY 443) .....	4
Multicultural Psychology (PSY 487).....	4

Ethnobotany and Cross-Cultural Communication (BI 384) .....	4
Oral History Methods (HST 412).....	4
Native American Psychology (PSY 489) .....	4

Certain upper division, open-numbered courses with a Native American focus (399, 401, 405, and 407/507) in participating departments (art, English and writing, history, and sociology and anthropology) may also be appropriate. Consult the program coordinator for more details.

\*Applicable to the certificate when Native American authors are featured.

### Synthesis (4–8 credits)

Practicum (minimum 4 accumulated credits). Choose from a combination of:	
Practicum (NAS 209) .....	2–4
Practicum (NAS 309) .....	2–6
Practicum (NAS 409) .....	2–8

Note: The practicum may also be taken as 409 in the student's major department, with the Native American studies advisor's consent.

## Certificate in Native American Studies

David West, Coordinator

Taylor 018B  
541-552-6751

Native American studies is an interdisciplinary academic program in the College of Arts and Sciences. The Native American studies program aims to educate all students about the Native experience and the rich cultural heritage of the indigenous peoples of Oregon and North America.

The Certificate in Native American Studies prepares students to work effectively in Indian country. The certificate equips students of all backgrounds with the requisite knowledge and experience for any number of career paths, in addition to fostering personal growth and enrichment.

Native American studies courses are listed under the prefix NAS in the *Native American Studies Minor* section.

### Requirements for the Certificate

(36 credits)

#### Core Courses (12 credits)

Introduction to Native American Studies (NAS 268).....	4
Native American Topics: Historical (NAS 368) ....4	
Native American Topics: Contemporary (NAS 468).....	4

#### Native Knowledge and Perspectives (16–20 credits)

Choose from the following courses, 12 credits of which must be upper division:

Introduction to Intertribal Dance (NAS 270).....	4
Seminar: Native American Culture (NAS 407/507 or ED 407/507).....	2

Pacific Cultures (ANTH 317).....	4
Native North America (ANTH 318) .....	4

Cultures of the World: Native Peoples of Latin America (ANTH 319) .....	4
Anthropological Perspectives on the Native American Frontier (ANTH 334) .....	4

Archaeology Field School (ANTH 375) .....	4
Cultural Resource Management (ANTH 462) .....	4

Cultural Rights (ANTH 464) .....	4
Contemporary Issues in Native North America (SOC 338).....	4

Introduction to Native North American Art (ARTH 199) .....	4
Native North American Myth and Culture (ENG 239).....	4

Introduction to Native American Literature (ENG 240).....	4
Major Forces in Literature (ENG 447)*.....	4

Major Figures in Literature (ENG 448)*.....	4
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## Certificate in Nonprofit Management

Central 136

541-552-6718

John Laughlin, Coordinator

The Certificate in Nonprofit Management is open to undergraduates, graduates, and post-baccalaureate students. The certificate program equips students with the management skills necessary to obtain entry-level management positions within nonprofit organizations. The certificate is awarded to students who have previously earned a bachelor's degree or upon completion of a bachelor's degree. The certificate program is cross-disciplinary, taking advantage of the education students have received through a variety of majors, including the arts, business, English, environmental studies, psychology, political science, sociology, music, and theatre, to name a few. Graduates of the certificate program gain the knowledge and experience required to become proficient in nonprofit management. Management disciplines emphasized include the following: financial management, organizational and board leadership, marketing, fundraising, public relations, human resource management, and program planning. As an interdisciplinary program, the certificate may utilize coursework that students complete as part of University Studies or coursework required by their major.

### Prerequisite Course (4 credits)

Accounting Information I (BA 211).....	4
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### Core Courses (20 credits)

Nonprofit Theory and Leadership (BA 480/580) ....4	
Nonprofit Grantwriting and Government Relations (PS 430A/530A) .....	2

Nonprofit Volunteerism, Board Development, and Community Mobilization (PS 430B/530B)....2	
Principles of Marketing, Public Relations, and Fundraising (BA 468/568) .....	2

Nonprofit Accounting and Financial Management (BA 460/560).....	4
Internship (BA 409/509).....	6

<i>Elective Course (4 credits, selected from the choices below)</i>	
Principles of Management (BA 374).....	4
Principles of Human Resource Management (BA 481/581).....	4
Organizational Communication (COMM 475).....	4
Conflict Resolution (COMM 455/555).....	4
Group Dynamics (PSY 438/538).....	4
Health and Society I (HE 250).....	4
Health and Society II (HE 275).....	4
Government Relations and Public Policy (PS 417/517).....	4
Environmental Law and Policy (PS 441/541).....	4
Grantwriting and Workplace Literacy (WR 329).....	4
Web Authoring (AM 337).....	4
Web Interface Design, Graphics, and Animation (AM 338).....	4
Internet Marketing and E-Commerce (BA 436/536).....	4
Persuasion (COMM 342).....	4
Evaluation of Public Communication (COMM 412/512).....	4

#### INTERNSHIP

Students must complete 180 internship hours. Internship hours are addressed through a combination of coursework, practicum, documented service work in a nonprofit agency, and the School of Business internship program. Internship plans must be established within the first four months of entry to the program and require the approval of the Nonprofit Program coordinator who can help students with internship planning, preparation, and placement.

### **Postbaccalaureate Certificate in Accounting**

Al Case, Advisor  
541-552-6556

The Postbaccalaureate Certificate in Accounting is for students with a baccalaureate degree who wish to complete coursework to prepare for the Certified Public Accountant (CPA) or other certification examinations in accounting. The Certificate in Accounting program has been developed for a variety of career objectives, including CPA, CMA, and government and industrial accounting.

This certificate is unique in that it is reserved for candidates who already possess a bachelor's degree, but it does not require any graduate coursework, nor does it result in a degree being conferred.

To be admitted to the program, students must:

1. hold a baccalaureate degree;
2. be admitted to SOU; and
3. have completed the following or equivalent courses:
  - a. USEM 101, 102, 103 or WR 121, 122
  - b. 4 credits in math above the level of intermediate algebra
  - c. Accounting Information I, II (BA 211, 213)

Students who do not meet all of the requirements may attach a letter of petition to their applications.

Students must have their transcripts reviewed for admission to the Certificate in Accounting program. Applications for admission must be accompanied by proper documentation, including transcripts of all college credits.

### **Course Requirements**

(48 credits)

#### *Required Courses (24 credits)*

Intermediate Accounting I, II (BA 351, 352) .....	8
Cost and Management Accounting (BA 451).....	4
Introduction to Taxation (BA 453).....	4
Accounting Information Systems (BA 454).....	4

Auditing I (BA 455)..... 4

#### *Elective Courses (24 credits)*

Business Law (BA 226) .....	4
Business Communication (BA 324) .....	4
Intermediate Accounting III (BA 353) .....	4
Management Information Systems (BA 382) .....	4
Principles of Finance (BA 385).....	4
Auditing II (BA 456).....	4
Advanced Taxation (BA 457) .....	4
Advanced Accounting Topics (BA 458).....	4
Advanced Accounting Topics II (BA 459).....	4
Nonprofit Accounting and Financial Management (BA 460).....	4
CPA Review (BA 465A) .....	2
CPA Review (BA 465B) .....	2
Corporate Law (BA 478).....	4

At least 36 of the 48 credits for the certificate and 24 of the credits in accounting must be taken in residence at SOU. Candidates must achieve a minimum grade of C in each course completed for the certificate and a GPA of 2.5 for all courses required for the certificate. All coursework from schools other than SOU must be from accredited colleges or universities.

Students working toward the certificate in accounting should choose a faculty advisor from the accounting area for assistance with program planning.

## **Preprofessional Programs**

SOU offers a number of programs in cooperation with professional schools in the Oregon University System (OUS) and private schools in Oregon. Some of these schools are terminal programs serving a specific vocational end in themselves, while others provide preprofessional coursework. In some cases, it is advisable for a student to complete a four-year baccalaureate degree program before transferring to the professional school. There are other four-year programs in which students may take undergraduate work at Southern Oregon University, transfer to the appropriate professional school, and, upon completion of the required courses, return to SOU to complete baccalaureate degree requirements.

### **Preprofessional Program in Chiropractic Medicine**

Science 371

541-552-6788

Kathleen Page (Biology), Advisor

Dedicated students may complete prechiropractic requirements at SOU in two years, although most students find it advantageous to take three years. First-year courses are listed below. Students should consult the advisor listed above regarding the second and third years of the program.

A doctor of chiropractic is a licensed health care practitioner. Students take a licensing exam at the end of four years of graduate study at a chiropractic college following three to four years of undergraduate education, usually in the sciences. Upon completion of an approved curriculum and substantial practical experience in chiropractic college, the candidates are qualified to take the required examination, which is administered by a state board of chiropractic examiners. Successful candidates are permitted to practice in the state in which they are licensed.

A few states (not Oregon) accept the results of the National Board of Chiropractic Examiners (NBCE) exam in lieu of state exams. Some states do not accept or require the national exams because they their own. Most states require that applicants pass an oral exam. Graduates should take the licensing exams for all states in which they wish to practice.

The goal of the chiropractic approach is ongoing health maintenance. The chiropractic profession is licensed in all states of the U.S. and many foreign countries. Demand for these services is increasing as more people seek out the various health maintenance services provided under the approved chiropractic program. Chiropractic services are usually covered by health insurance, workers' compensation, and other medical care programs.

After three years of undergraduate studies, students may be qualified to enter a program of graduate studies at a chiropractic college. By taking one more year of courses, primarily in upper division biology, students can complete an undergraduate degree in biology. Students are encouraged to seriously consider completing a degree program at an undergraduate school. Doing so not only enhances students' credentials and earns them a degree, but it also adds to their knowledge and credibility. Furthermore, students who decide against a chiropractic career or who are prevented from pursuing that goal are left with alternative career options if they have an undergraduate degree.

The first three years of courses at SOU meet requirements for admission to Western States Chiropractic College and most other chiropractic colleges, provided students possess a GPA of 3.0 or better. Because of the increasing competitiveness of these programs, each student should maintain at least a 3.0 GPA to be as desirable a candidate as possible.

Once admitted to chiropractic college, students engage in a rigorous, demanding three to four years of medically oriented courses and

competency experiences. In addition to the clinical aspects of diagnosis, neurology, psychology, and internship, there are required courses in anatomy, physiology, embryology, biochemistry, nutrition, pathology, X-rays, physical therapy, chiropractic principles and techniques, and related topics.

Regardless of which chiropractic college students plan to attend, they should request a catalog in advance to ensure they meet the specific requirements.

Principles of Biology (BI 211, 212, 213).....	12
Mathematics (see advisor) .....	8
General Chemistry (CH 201, 202, 203) .....	9
General Chemistry Lab (CH 204, 205, 206).....	6
University Seminar (USEM 101, 102, 103).....	12
Total credits.....	47

### ***Preprofessional Program in Dental Hygiene***

Science 371  
541-552-6788  
Kathleen Page (Biology), Advisor

The preprofessional dental hygiene program is offered in cooperation with the Oregon Institute of Technology (OIT). Students complete the requirements for the BS degree by spending two years at SOU and, if accepted, two years at the OIT dental school. If they meet the requirements for each school, students also have the option of transferring into associate's degree programs offered by community colleges, as well as the Oregon Institute of Technology. In the associate's degree program, students take their first year or two of classes at SOU.

Dental hygienists are licensed health professionals who work with individuals and groups to help them prevent and control oral disease. They also assess the health of individuals or groups, plan oral hygiene treatment and education, help people attain better health, review medical and dental histories, take blood pressure and other vital signs, and evaluate the success of oral health promotion and treatment methods. Hygienists examine the neck and mouth for signs of diseases such as cancer of the head or neck, tooth decay, and periodontal (gum) disease. They take x-rays to determine the health of the teeth, gums, and supporting bone. Assessing the oral health of groups may involve individual examinations, but it frequently requires collecting information on the group's health practices and diagnosing the pattern of dental disease within the group. After assessing the individual's or the group's oral health, hygienists decide on preventive practices.

The following are among the many excellent job opportunities in the field of dental hygiene: private dental offices, independent contracting, public and private schools, programs for the disabled, nursing homes, home health agencies, hospitals, industrial settings, and the United States armed forces.

Depending on their goals, dental hygienists spend two to four years in training. Below are the available options as they relate to SOU:

1. Students wishing to spend only two years in school should not attend SOU; instead,

they should apply directly to a community or junior college accepting students from high school (e.g., Portland Community College, Lane Community College in Eugene, and Mount Hood Community College in Gresham). After two years of coursework, students are eligible to take state and national examinations for certification. Upon satisfactory completion of these exams, students receive a license in dental hygiene granting them the right to practice this profession.

2. Students planning to spend three years in school should attend SOU for one year and then apply to a two-year dental hygiene program or the Oregon Institute of Technology (OIT) in Klamath Falls. OIT offers a three-year program, with the first year devoted to a general academic background, including human anatomy and physiology, and the next two years dedicated to the dental hygiene curriculum.
3. Students planning to spend four years in school to receive a bachelor's degree should attend SOU for two years and earn a baccalaureate degree at OIT after completing their dental hygiene curriculum. Students are awarded a bachelor of science degree in dental hygiene upon completion of this program. Students may take an additional year of study after completing the dental hygiene curriculum at OIT to earn a bachelor of science degree in allied health (dental hygiene).

Completion of one or more years at SOU does not guarantee acceptance into another program. Students should become familiar with admission requirements at their preferred college early enough to fulfill them.

The following first-year program should be taken by associate's degree candidates and those considering a bachelor of science degree. Students should obtain additional details on both programs from the Department of Biology before beginning the first term.

#### *First Year*

General Chemistry (CH 201, 202, 203) .....	9
General Chemistry Labs (CH 204, 205, 206).....	6
Mathematics (MTH 95 or 111) .....	4
Human Anatomy and Physiology (BI 231, 232, 233).....	12
General Psychology (PSY 201) .....	4
Elementary Microbiology (BI 214).....	4
University Seminar (USEM 101, 102, 103).....	12
Nutrition (HE 325) .....	3
Microcomputer Applications (CS 115) .....	4
Total credits.....	58

### ***Preprofessional Program in Education***

Southern Oregon University offers undergraduate and graduate teacher licensing programs. For undergraduates, the School of Education offers degree programs leading to licensure in early childhood and/or elementary teaching. For graduates seeking licensure in early childhood, elementary, middle school, or high school education, the School of Education offers the Master of Arts in Teaching program. In special education, graduates obtain licensure through the Stand-Alone Program. These programs require a bachelor's degree for admission. Since there are other admission requirements, students are urged to contact the School of Education. Upon completion of the program, students qualify for an initial teaching license and a master's degree.

### ***Preprofessional Program in Law***

Taylor 120A  
541-552-6130  
Paul Pavlich, Advisor

A baccalaureate degree from an accredited college or university is required for admission to most law schools. Students are encouraged to complete the four-year degree program at SOU. A bachelor of arts or bachelor of science degree with a major in one of the general subject matter fields is appropriate.

Students requiring information about pre-legal education or who are interested in law school may find the Prelaw Handbook useful. Published annually by the American Bar Association and the Law School Admission Council, The Official Guide to ABA-Approved Law Schools contains descriptions of all ABA-accredited law schools in the United States, suggestions about preparation for legal studies, and other helpful prelaw information. The book is available at bookstores or from Law Services, PO Box 2400, 661 Penn Street, Newtown, PA 18940-0978. The Department of History and Political Science maintains a file of current law school bulletins and other information that may be useful to students seeking admission to law school. For further information about law school or legal careers, contact the prelaw advisor, Paul Pavlich, in the Department of History and Political Science.

## Preprofessional Program in Medical Technology

Science 371  
541-552-6788  
Kathleen Page (Biology), Advisor

Approved schools of medical technology require three years of preparatory courses or a bachelor's degree for admission. The curriculum in medical technology at SOU meets the requirements of the American Society of Clinical Pathologists for admission to clinical studies. Additional courses needed to qualify for clinical licensing and a bachelor's degree are offered at Oregon Health & Sciences University and are subject to competitive admission.

The following first-year curriculum is suggested. For additional coursework suggestions, consult the advisor listed above.

### First Year

University Seminar (USEM 101, 102, 103) .....	12
Mathematics.....	4-12
General Chemistry (CH 201, 202, 203) .....	9
General Chemistry Lab (CH 204, 205, 206).....	6
Principles of Biology (BI 211, 212, 213).....	12
Electives.....	0-5
Total credits.....	43-56

## Preprofessional Program in Medicine and Dentistry

### MEDICINE:

Gregory Miller (Chemistry), 541-552-6408, Advisor  
Richard May (Biology), 541-552-6867, Advisor  
David Oline (Biology), 541-552-6799, Advisor  
Peter Schroeder (Biology), 541-552-6871, Advisor  
John Sollinger (Biology), 541-552-6342, Advisor  
Peter Wu (Physics), 541-552-6492, Advisor

### DENTISTRY:

Gregory Miller (Chemistry), Advisor  
Chris Oswald (Biology), Advisor

The University offers curricula that prepare students for entrance into medical and dental schools. A bachelor's degree is required for admission to most of these schools. Professional schools accept bachelor's degrees in any regular academic discipline; however, the majority of students major in biology or chemistry, often choosing the biomedical option in these departments.

First-year courses are the same for the medicine and dentistry preprofessional programs.

### First Year

General Chemistry (CH 201, 202, 203) .....	9
General Chemistry Lab (CH 204, 205, 206).....	6
Principles of Biology (BI 211, 212, 213).....	12
Mathematics.....	12
University Seminar (USEM 101, 102, 103) .....	12
Total credits.....	51

Courses taken in the second, third, and fourth years should be planned in consultation with the appropriate advisor. Courses commonly required by medical schools include Organic Chemistry, Physics, Calculus, and Psychology. Highly recommended electives include Genetics, Cell Biology, Biochemistry, and Spanish. Students must complete the University Studies requirements and the requirements for a major.

## Preprofessional Program in Occupational Therapy

Science 210  
541-552-6807  
Barb Fleeger (Biology), Advisor

Occupational therapy provides preventive and rehabilitative services for people whose lives have been disrupted by physical injury; illness; developmental problems such as birth defects, social, or psychological difficulties; or the aging process. The goal of occupational therapy is to help clients of all ages prevent, lessen, or overcome disabilities by regaining health, maximizing independence, and performing at an optimal level of functionality. Rather than denoting "professions and careers," the term "occupation" here refers to the undertaking of daily activities, including self-maintenance, vocation, leisure, and social relationships, all of which occupy a balanced and satisfying life.

**Roles of Occupational Therapists.** Occupational therapists work in partnership with clients and members of the health team (e.g., physicians, physical therapists, vocational counselors, nurses, social workers, speech pathologists, teachers, and other specialists). Motor, sensory, and cognitive skills are evaluated, and clients are encouraged to make the maximum effort to build upon the strengths they possess. Occupational therapists develop individualized treatment programs to help clients accomplish their highest possible level of function.

**Personal Qualifications.** Occupational therapists must be better-than-average students who have an excellent understanding of the biological and behavioral sciences. They must respect and enjoy working with people and have a strong desire to help their clients. They need perseverance, patience, resourcefulness, and adaptability, as each client and situation is unique. They should also be able to cooperate and communicate with other members of the professional health team.

**Employment Opportunities.** According to the U.S. Department of Labor, occupational therapy is one of the fastest growing health care professions. The demand for services created by the growing elderly population, the number of people surviving illness and injury, and the millions of individuals who need assistance coping with disabilities exceeds the supply of skilled occupational therapy practitioners.

**Education.** Occupational therapists must graduate from a professional program that leads to a baccalaureate or master's degree in occupational therapy. Some professional programs accept students for entrance in the junior year, provided they have completed the appropriate credits. Pacific University School of Occupational Therapy is the only school in Oregon to offer a professional occupational therapy program. It is a twenty-nine-month, entry-level program leading to a master's degree. Pacific University requires a bachelor's degree prior to enrollment in the School of Occupational Therapy. SOU's program fulfills prerequisites for most professional programs. However, requirements vary from school to school and change frequently. It is imperative that students obtain the latest in-

formation from each college or university they plan to attend after SOU and make the necessary adjustments to their preprofessional curricula. Students should consult Barb Fleeger as soon as they decide on this career track.

### First Year

University Seminar (USEM 101, 102, 103) .....	12
Elementary Statistics (MTH 243) .....	4
Physical Education (PE 180) .....	1
Principles of Biology (BI 211, 212, 213) or General Biology (BI 101, 102, 103)*.....	12
General Psychology (PSY 201, 202) .....	8
Microcomputer Applications I (CS 115).....	4
Fundamentals of Physics (PH 100, 104).....	4
One advisor-approved course in studio art, applied music, or dance .....	4
Total credits .....	49

\*The BI 211, 212, 213 sequence better prepares students for the human anatomy and physiology coursework taken during the second year.

## Preprofessional Program in Optometry

Science 163  
541-552-6747

Roger Christianson (Biology), Advisor

Preparation for admission to optometry schools includes successful completion of prescribed coursework and an acceptable score on the nationally administered Optometry Admissions Test (OAT). Enrollment is limited, and admission is competitive at optometry schools, which require a bachelor's degree from an accredited institution before acceptance or at some time early in the course of professional study. The pre-optometry program at SOU is designed to prepare students for admission to the School of Optometry at Pacific University in Forest Grove, Oregon. Because requirements for other schools of optometry are similar, students may prepare for the school of their choice by slightly modifying the courses taken. Contact Dr. Roger Christianson in the Department of Biology as soon as possible to discuss this program and schedule an appointment.

Pacific University admits qualified students to their professional optometry program after they complete a minimum of 135 quarter credits, with the understanding that the bachelor's degree must be completed within two years of admission to the professional program. SOU offers a three-year course of study that prepares students for admission to the professional program at Pacific University and allows students to complete the fourth year of the bachelor of science degree in the biomedical sciences option in biology by successfully completing the first year of the professional optometry program at Pacific University. The requirements of this joint program are below:

1. Complete all requirements for the biomedical sciences option in the biology major, except 4 credits of upper division electives, the physiology core requirements, and the capstone. Upper division electives must include Microbiology (BI 351 and 353) and a full year of upper division Human Anatomy and Physiology (BI 330).
2. Complete all baccalaureate degree requirements (with the exception of #5 in the *Baccalaureate Degree Requirements*).

3. Complete additional requirements for acceptance into the professional optometry program at Pacific University (e.g., psychology, math, and writing).
4. Students are awarded the bachelor of science degree in biology with a biomedical sciences option upon successful completion of the first year of the professional optometry program at Pacific University and demonstration of this to the SOU registrar.

**SUGGESTED PROGRAM***First Year*

Principles of Biology (BI 211, 212, 213).....	12
General Chemistry (CH 201–206).....	15
University Seminar (USEM 101, 102, 103).....	12
Mathematics (MTH 243, 251).....	8
Total credits.....	47

*Second Year*

Genetics (BI 341).....	4
Cell Biology (BI 342).....	4
Developmental Biology (BI 343).....	4
Organic Chemistry (CH 331, 332, 337, 338).....	11
General Psychology (PSY 201, 202).....	8
Technical Writing (WR 327).....	4
University Studies: Explorations (Humanities).....	12
University Studies: Explorations (Social Sciences).....	4
Total credits.....	51

*Third Year*

Evolution (BI 446).....	4
Microbiology (BI 351, 353).....	6
Topics in Biology: Human Anatomy and Physiology (BI 330 I, II, III).....	12
Biology upper division elective.....	2–4
General Physics (PH 201, 202, 203 and 224, 225, 226).....	12
University Studies: Integration.....	9–12
Total credits in program.....	143–148

**Preprofessional Program: Pharmacy**

Science 272

541-552-8172

Hala G. Schepmann (Chemistry), Advisor

The pre-pharmacy program prepares students for admission to an accredited pharmacy school. After completing the pre-pharmacy curriculum at SOU, students apply to a professional pharmacy school and begin four years of pharmaceutical studies. Students may prepare for careers in retail, clinical, industrial, or research pharmacy.

**Program Requirements**

The following SOU courses satisfy the pre-pharmacy requirements to enter Oregon State University's PharmD program. Students interested in attending other pharmacy schools should contact those schools for information about their pre-pharmacy curricula. For information on other recommended coursework, see the pre-pharmacy advisor.

**CORE REQUIREMENTS**

General Chemistry and Lab (CH 201, 202, 203 and 204, 205, 206).....	15
Organic Chemistry and Lab (CH 334, 335, 336 and 337, 340, 341).....	16

Principles of Biology and Lab (BI 211, 212, 213 and 211L, 212L, 213L).....	12
Microbiology and Lab (BI 351 and 351L).....	4
Cell Biology (BI 342).....	4
Human Anatomy and Physiology (BI 330A, 330B, 330C).....	15
Elementary Statistics (MTH 243).....	4
Calculus I (MTH 251).....	4

General Physics and Lab (PH 201, 202, 203 and 224, 225, 226).....	12
General Psychology (PSY 201).....	4

Principles of Economics (Micro or Macro) (EC 201 or 202).....	4
University Seminar (USEM 101, 102, 103) (must be taken by new first-year students).....	12

*Suggested First-Year Curriculum:*

General Chemistry (CH 201, 202, 203).....	9
General Chemistry Lab (CH 204, 205, 206).....	6

Principles of Biology (BI 211, 212, 213).....	9
Principles of Biology Lab (BI 211L, 212L, 213L).....	3

University Seminar (USEM 101, 102, 103).....	12
General Psychology (PSY 201).....	4

Principles of Economics (Micro or Macro) (EC 201 or 202).....	4
Calculus I (MTH 251).....	4

Total credits.....	51
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**Preprofessional Program in Physical Therapy**

541-552-6042

Kelly Mason (Health and Physical Education), Advisor

Professional schools of physical therapy generally require three to four years of preprofessional college work before admitting a student to the technical portion of training. After completing preprofessional work, students spend eighteen months to three years in the technical portion of the program at one of the approximately 110 professional schools in the United States. Admission to professional schools is competitive, and completion of the preprofessional program does not guarantee acceptance.

The University offers the necessary coursework and practical experience for students to meet the prerequisites of any professional school of physical therapy in the United States.

Approximately 20 percent of SOU students who enter professional physical therapy schools have three years of preprofessional study, and 80 percent complete a bachelor's degree (usually interdisciplinary) before entering a professional school of physical therapy.

Qualified students in physical therapy may apply to one of twelve schools in Washington, California, Utah, New Mexico, and Colorado under the WICHE program. Students studying under such arrangements do not pay out-of-state fees.

*First Year*

University Seminar (USEM 101, 102, 103).....	12
Principles of Biology (BI 211, 212, 213).....	12

Mathematics (MTH 111).....	4
General Psychology (PSY 201 or 202).....	4

Health and Society I (HE 250).....	4
Health and Society II (HE 275).....	4

First Aid and Safety (HE 252).....	3
Total credits.....	43

**Preprofessional Program:  
Physician's Assistant**

Peter Schroeder (Biology), 541-552-6871

David Oline (Biology), 541-552-6799

Richard May (Biology), 541-552-6867

John Sollinger (Biology), 541-552-6342

Students at SOU may complete coursework in preparation for application to physician's assistant programs. A bachelor's degree is required for some programs. Required courses include Principles of Biology, General Chemistry, Psychology, Human Anatomy and Physiology, and Microbiology. Recommended electives include Organic Chemistry, Biochemistry, and Statistics.

*First Year*

Principles of Biology (BI 211, 212, 213).....	12
General Chemistry (CH 201–206).....	15
University Seminar (USEM 101, 102, 103).....	12
General Psychology (PSY 201).....	4
Elementary Statistics (MTH 243).....	4

**Preprofessional Program in Psychology,  
Counseling, Social Work, or Human Service**

A bachelor's degree is required for admission to all professional training programs in psychology, social work, counseling, or human service. Professional schools generally accept baccalaureate degrees in any regular academic discipline; however, many students major in psychology, sociology, or human service. Each graduate program provides information about its required undergraduate coursework in its application materials. Students should select undergraduate classes with these requirements in mind.

Many students pursue a master's degree in counseling or social work. Both degrees provide the necessary education to take a state licensing examination at the end of a postgraduate supervised experience. Licensed professional counselors and clinical social workers often work in private practice or in public or private agencies and clinics. Typically, counselors are more often involved in psychotherapy with individuals, families, or groups, while social workers are more often involved in case management.

SOU offers counselor preparation through the Mental Health Counseling (MHC) program. Undergraduates interested in this specialization are urged to contact the Psychology Department for current MHC admission requirements. Other Oregon universities offer counselor preparation or social work programs.

Becoming a school counselor requires a teaching certificate or training in an educational setting as part of a school counseling master's program. School counselors work in elementary through high school settings, managing assessment and occupational counseling programs and advising students. They often work closely with teachers and referral sources for students and their families.

Becoming a licensed psychologist requires a doctoral degree in clinical or counseling psychology, postdoctoral supervised experience, and successful completion of state licensing examinations. Licensed psychologists provide a variety of clinical and consulting services in

mental health clinics, hospitals, agencies, and private practices. Contact the Psychology Department for current admission requirements.

### **Preprofessional Program in Veterinary Medicine**

Science 368

541-552-6864

Chris Oswald (Biology), Advisor

Most professional schools of veterinary medicine require students to complete a bachelor's degree before awarding a DVM degree. Students can increase their chances of acceptance by securing a bachelor's degree before entering a professional school.

Most Oregon students interested in veterinary medicine apply to Oregon State University to obtain their doctorate in veterinary medicine. This four-year program includes extensive coursework and clinical rotations.

#### **HIGH SCHOOL PREPARATION**

Students wishing to prepare for the pre-veterinary medicine program at SOU should take coursework in the following areas during high school: biology, chemistry, physics, mathematics, English, and social science.

#### **PROFESSIONAL SCHOOL ADMISSION**

Most students apply at the beginning of their senior year. Many students compete for the limited positions available in professional schools, and only those with excellent academic records are successful at gaining admission.

It is strongly recommended that students take the courses listed below in their first year to avoid delays in completing the degree. Later requirements include organic chemistry, physics, and genetics. Detailed information on courses and other requirements may be found at the Biology Department website under the advising section.

#### *First Year*

University Seminar (USEM 101, 102, 103).....	12
Mathematics (see advisor).....	8-12
General Chemistry (CH 201, 202, 203).....	9
General Chemistry Lab (CH 204, 205, 206).....	6
Principles of Biology (BI 211, 212, 213).....	12
Total credits.....	47-51

# **Special Programs**

### **Accelerated Baccalaureate Degree Program**

541-552-8109 or 541-552-6576

[sou.edu/abp](http://sou.edu/abp)

The Accelerated Baccalaureate Degree Program enables students to customize their academic pursuits based on their individual strengths and goals. The following areas participate in the program: anthropology, business, communication, computer science, criminology and criminal justice, economics, elementary education, English and writing, foreign languages and literatures, health and physical education, history, international studies, mathematics, physics, and sociology.

To complete the program in three years, students average 16 credits a quarter in a focused program that reduces coursework by up to 24 University Studies and 21 elective credits. To ensure success in this compressed program of study, students should be self-disciplined, highly motivated, and committed to their major.

The Accelerated Baccalaureate Committee reviews application portfolios and recommends students for this program to the major department. Faculty members from each participating department serve as academic advisors for program participants. Students must begin the Accelerated Baccalaureate Degree Program during their first quarter at the University; they typically submit applications for this program when applying for admission to SOU.

Applicants must have at least a 3.4 cumulative high school GPA, 1150 SAT I score, or 25 ACT score to be considered for the program. Additional information and applications are available on the web at [sou.edu/abp](http://sou.edu/abp).

### **Program Requirements**

1. First-year students are required to attend an orientation at the beginning of their first term and mid-quarter meetings through their first year. Mid-quarter meetings are optional for second- and third-year students.
2. First-year students are required to respond to "questions-of-the-week" throughout their first year. Student responses are distributed anonymously to the Accelerated Baccalaureate Program Committee and are used for evaluating the program and student progress.
3. Third-year students are required to participate in an exit interview during their last quarter at SOU.
4. All students are required to take 135 to 151 credits. Specific course requirements are determined after extensive reviews of application portfolios. College credits earned prior to admission to the Accelerated Baccalaureate Program (including AP, Advanced Southern Credit, and community college credits) are normally used to determine the credit reduction and may

not also be counted toward the Accelerated Baccalaureate graduate requirements. Therefore, students with several transfer credits are encouraged to explore other options before applying to the Accelerated Baccalaureate Program.

5. All students meet regularly with their advisors to develop and maintain a yearly contract that ensures normal progress toward the degree. Students who do not maintain normal progress are required to switch to a 180-credit, four-year degree program.

### **Degree Completion Programs**

SOU offers several degree completion programs for people who have already completed approximately two years of college or an associate of arts degree. Classes are scheduled in the evenings and on weekends in Medford and Ashland, and some are available online. Students who have completed approximately two years of college may earn their degree in approximately three years by taking two classes a term. However, the length of the program varies with each individual, depending on prior coursework and employment demands on time.

### **ELS Language Centers**

Britt 137

541-552-6196

ELS Language Centers is the oldest private, campus-based intensive English language program in the world. Students at ELS are people whose first language is not English and who wish to improve their English either in preparation for an American college or university experience or for use in a professional atmosphere. ELS provides such additional services as academic advising, housing placement, and real-life experience through its Contact America! program. All English skills are taught in dynamic classes that employ communicative methodologies. A multimedia laboratory is available for individual practice in listening comprehension, pronunciation, grammar, and vocabulary.

### **ELS Courses**

#### **LOWER DIVISION COURSES**

##### **ELS 110 Masters Modules**

3 to 4 credits

Enables English learners to express themselves adequately in the majority of routine school or work requirements. Students will be able to understand connected discourse on a variety of topics, comprehending and using inference, idioms, and colloquialisms in conversations with native speakers. Completion will ensure comprehension of short lectures on academic topics, as well as the ability to synthesize information from a variety of social, academic, and professional sources. Students will be able to read mainstream literature with good understanding, taking detailed notes as needed. They will also be able to summarize, paraphrase, and quote appropriately from oral and written resources. Students will be able to express written opinions and hypotheses with ease. Prerequi-

site: Completion of ELS 109 or an evaluation of ELS 110 on the ELS placement test.

#### **ELS 111 Masters Modules**

3 to 4 credits

Enables English learners to participate in discussions on a wide range of abstract topics, delivering well-structured presentations on topics of personal, professional, and academic interest. Students will be able to comprehend authentic information with increased ease, such as radio talk shows, debates, and public lectures, while distinguishing between formal and informal speech. They will be able to scan written material for main ideas and supporting details and will be able to comprehend a wide variety of literary and non-literary styles. Students will be able to take notes from lectures and write cohesive reports and papers from notes. Prerequisite: Completion of ELS 110.

#### **ELS 112 Masters Modules**

3 to 4 credits

Ensures students can satisfy the requirements of a broad variety of everyday, school, and business situations. Completion will ensure that students can discuss personal special-interest fields with competence and ease, as well as supporting opinions and hypothesizing, tailoring their language to the audience, or discussing highly abstract and unfamiliar topics in depth. Students will be able to understand the main ideas and nuances of most speech in standard dialect and will be able to follow the essentials of extended discourse in academic and professional settings, lectures, meetings, speeches, and reports. Students will be able to comprehend texts containing hypotheses, argumentation, and opinions that include grammatical patterns and vocabulary ordinarily encountered in academic, professional, and recreational reading. Students will be able to write clearly on practical, social, and professional topics and will be capable of writing most types of informal and formal correspondence, such as memos, social and business letters, short research papers, and business reports in areas of special interest. Students will be able to effectively use a wide variety of rhetorical styles and analyze and synthesize information into a written academic format. All students who complete ELS 112 will have taken the Michigan ELI College English Test (MELI-CET) and the Michigan Listening Comprehension Test (LCT) and will have scored at a level equivalent to or better than iBT 68 TOEFL or CBT TOEFL 190. Prerequisite: Completion of ELS 111.

### ***Southern Oregon University Honors Program***

541-552-6576

541-552-8405

sou.edu/honors

SOU inaugurated a new honors program in fall term 2007. Students who were enrolled in previous programs were automatically admitted to the new program and may pursue any of the three honors options described below.

The SOU Honors Program offers a unique partnership of programs across campus and is

designed to provide students with a comprehensive intellectual experience both in and out of the classroom. The program seeks to stimulate intellectual excitement and instill leadership qualities in students that will prepare them for careers, community service, and active citizenship.

Honors coursework emphasizes disciplinary and multidisciplinary perspectives and argumentation. To this end, the program offers a specially designed honors curriculum providing enriched exposure to scholarly and creative work.

The program culminates in a senior thesis or creative project that allows students to select an issue or question to address from their major field of study. Students demonstrate their understanding of how their major area researches and addresses questions, as well as their discipline's connection to other areas.

#### **Honors Options**

##### **Graduation with University Honors and Honors in a Specific Major**

Graduating with University honors and honors in a specific major is an option for honors scholars who have completed all three components of the Honors Program: a required number of honors courses, four approved community-based learning activities, and a senior thesis or creative project in the scholar's major area. A minimum of 40 credits is required.

1. Complete a minimum of 24 credits of honors coursework (consisting of six to eight courses) ideally spread across University Studies strands and/or other offerings, as available.
2. Complete 4 credits of practicum (HO 209 and HO 409), including a minimum of 1 credit at the upper division level. Scholars document each approved community-based learning activity by completing 1 credit of HO 209 or HO 409. Only activities with a significant leadership component will qualify for HO 409 credit.
3. Completion of a senior thesis or creative project as specified by the major area, requiring at least 12 credits of research, thesis, and/or other appropriate coursework as determined by that major.

##### **Graduation with University Honors**

Graduating with University honors is an option for honors scholars who have completed the first two components of the Honors Program but did not complete a senior thesis or creative project in their major area. A minimum of 40 credits is required.

1. Complete a minimum of 36 credits of honors coursework (9 to 12 courses), ideally spread across University Studies strands and/or other offerings, as available.
2. Complete 4 credits of practicum (HO 209 and HO 409), including a minimum of 1 credit at the upper division level. Scholars document each approved community-based learning activity by completing 1 credit of HO 209 or HO 409. Only activities with a significant leadership component will qualify for HO 409 credit.

#### **Graduation with Honors in a Specific Major**

Programs may elect to offer a standalone honors option for majors who complete a senior thesis or creative project requiring at least 12 credits of research, thesis, and/or other appropriate coursework as determined by that major, essentially completing only the third component of the Honors Program. This option is not restricted to honors students.

#### **Becoming an Honors Student or Scholar**

Newly admitted students with exceptionally strong high school or transfer work will be automatically admitted as honors students. Students may also be admitted to the program and earn the designation of honors student based upon the recommendation of an SOU instructor. To qualify for automatic admittance, students must meet one of the following criteria:

1. a minimum high school GPA of 3.6
2. a minimum combined total of 1200 from the critical reading and mathematics SAT sections, with a minimum score of 500 in each section
3. a minimum combined ACT score of 27, with a minimum score of 22 in both math and English
4. a minimum transfer GPA of 3.6 (based on at least 36 quarter credits)

Within one year of becoming honors students, they should complete at least one honors course, identify their interest in the Honors Program, and develop their honors plan. Honors students earn the designation of honors scholars when they have an approved plan on file with the Honors Office.

#### **Honors Courses**

Honors courses are offered by a number of departments across campus. The listing below only contains the honors courses that are not specific to any one department. To get a complete listing of all honors courses being offered in a given term, use the advanced search option in the class schedule.

##### **LOWER DIVISION COURSES**

###### **HO 209 Practicum**

Credits to be arranged

###### **HO 299 Special Studies**

Credits to be arranged

##### **UPPER DIVISION COURSES**

###### **HO 399 Special Studies**

Credits to be arranged

###### **HO 401 Research**

Credits to be arranged

###### **HO 403 Thesis**

Credits to be arranged

###### **HO 405 Reading and Conference**

Credits to be arranged

###### **HO 409 Practicum**

Credits to be arranged

## Library and Information Science

Hannon Library 136

541-552-6850

Deborah Hollens, Chair

Professors: Connie Anderson-Cohoon,

Mary Jane Cedar Face, Deborah Hollens,  
Teresa Montgomery, James Rible, Dale Vidmar

Associate Professors: Kate Cleland-Sipfle,

Emily Miller-Francisco

The Library and Information Science Department (LIS) is a sub-unit of the SOU Hannon Library. LIS occasionally offers courses on library and Internet resources, research, and related topics.

Library and information science supports the instructional mission of the University. LIS faculty teach classes created for specific courses in collaboration with faculty from the disciplines. Each session is designed to teach students to think critically, develop knowledge of the literature in a field, and use information responsibly and effectively.

### Library/Information Science Courses

#### LOWER DIVISION COURSES

##### LIS 199 Special Studies

Credits to be arranged

#### UPPER DIVISION COURSES

##### LIS 399 Special Studies

Credits to be arranged

##### LIS 405/505 Reading and Conference

Credits to be arranged

Prerequisite: Instructor consent.

##### LIS 407/507 Seminar

Credits to be arranged

##### LIS 408/508 Workshop

Credits to be arranged

##### LIS 409/509 Practicum

Credits to be arranged

## Ronald E. McNair Post Baccalaureate Achievement Program

Taylor 125

541-552-8310

mcnair@sou.edu

The Ronald E. McNair Post Baccalaureate Achievement Program is a federally funded TRIO program that offers assistance for eligible undergraduate students who are planning to obtain a PhD. During the SOU McNair Program, student scholars work closely with the program director and a faculty mentor from their academic major. Program participants create a detailed academic plan and receive quarterly evaluations to ensure their progress is unimpeded.

The McNair Program provides a range of services, including specialized seminars and workshops designed to enhance acceptance into doctoral programs, assistance with locating and applying for doctoral program funding, preparatory training for taking the Graduate Record Examination (GRE), and academic

support to increase the student's potential for postbaccalaureate achievement. Along with access to tutors and research-related supplies, scholars receive financial support for travel to conferences, symposia, and meetings.

McNair scholars enjoy a technology center where they can sharpen their computer skills and receive individualized training. The McNair Program maintains a special library of publications and university catalogs. During Summer Session, selected scholars participate in an eight-week research internship program, for which they receive a federal stipend. Participating scholars have the opportunity to present the results of their research at a campus symposium and submit their research article for publication.

### General Program Requirements

1. Students applying for the program must be currently enrolled at SOU.
2. Students must be at the junior or senior level with a GPA of 2.75 or higher.
3. Students must be either potential first-generation college graduates who meet federal guidelines for low-income individuals OR members of groups traditionally underrepresented in graduate education (Latinos, African Americans, or Native Americans).
4. Students must be planning to obtain a PhD.

## Oregon Health & Sciences University School of Nursing

Central 211

541-552-6226

Jan Heineken, Associate Dean

Carol Christlieb, Director of Academic Programs

Professor: Heather Young

Associate Professors: Juliana C. Cartwright,

Carol Christlieb, Rick D. Daniels, Donna Markle

Assistant Professors: Virginia Adams, Patricia Lane,

Glenise McKenzie, Wendy Neander,

Joanne Noone

Instructors: Judith M. Blickenstaff, Linda Brown,

Ute Frommer-Sherbow, Deidre N. Goldberg,

Barbara D. Hinds, Lucy Jackson,

Marsha King-Rosine, Lori Lind,

Stephanie Sideras, Susan Steinfeld-Mckennon

### Introduction

Nursing programs at SOU are offered by Oregon Health & Sciences University (OHSU) School of Nursing.

OHSU offers a baccalaureate program to undergraduate students with no previous nursing education. A distance-learning baccalaureate completion program is available to registered nurses.

OHSU also offers master's and doctoral programs in Portland, Oregon. Selected master's specialties are available on the Ashland campus.

### COMPUTER ACCESS AND COMPETENCY REQUIREMENTS

Students in all nursing programs are expected to possess basic computer skills in word processing, data analysis, and electronic communication. They are also required to have access

to a computer independent of the School of Nursing and University resources, with predetermined minimum capabilities.

### Degrees

Bachelor of Science with a major in Nursing RN/BS Program for Registered Nurses completing a Baccalaureate Degree

Master of Science (Psychiatric Mental Health Nurse Practitioner Specialty or Family Nurse Practitioner Specialty)

### Bachelor of Science Program

The baccalaureate program provides an essential foundation for professional nursing licensure and practice. The professional nursing major is four years in length. Nursing courses build on and complement the liberal arts and sciences foundation required for professional practice. The graduate of the BS program is eligible to complete the registered nursing licensure examination and is prepared to assume responsibility for providing professional nursing care.

### Prerequisites

Candidates for admission as sophomores must have completed 45 credits of non-nursing coursework with a GPA of 2.75 or better (see *Non-Nursing Course Requirements* below).

### Advising

Upon entering SOU, pre-nursing students are encouraged to contact the OHSU School of Nursing for advice on choosing a nursing course of study.

### Admission to OHSU

Students must file an electronic OHSU School of Nursing application during the winter prior to the year in which they wish to enter. Application criteria are posted on the OHSU School of Nursing website at [ohsu.edu/son](http://ohsu.edu/son). Electronic application forms are available December 1 through February 15. All applications must be received electronically by the February 15 deadline.

### Transfer Credits

There is no time limit on previous transferable coursework. Transcript evaluations are available through the School of Nursing.

### Non-Nursing Course Requirements

Please see the OHSU School of Nursing website at [ohsu.edu/son](http://ohsu.edu/son) for specific course requirements.

### Baccalaureate Completion Program for Registered Nurses

Registered nurses who would like to return to school to finish their baccalaureate degree with a major in nursing must complete OHSU nursing and non-nursing course requirements. Nursing courses are delivered in online and intensive formats, making it possible for a working RN to complete the program in two to three years as a part-time, distance-learning student. Portfolio and test-out options are available if a student can demonstrate course competencies

through prior work and learning experiences. RNs receive 30 of the 71 required upper division nursing course credits by articulation.

### Prerequisites

Students applying for admission are required to have completed the following minimum non-nursing requirements prior to admission:

- English Composition (Writing), 6 credits
- MTH 95 or 111 in progress or completed by competency demonstration in College Placement test (CPT) or ASSET
- Chemistry (one term)
- General Psychology
- Human Growth and Development
- General Sociology or Cultural Anthropology

### Transfer Credits

There is no time limit on previous transferable coursework.

### RN/BS Non-Nursing Course Requirements

General Chemistry (with labs) .....	12
College Algebra .....	3
Statistics.....	3
General Psychology .....	3
Human Growth and Development .....	3
General Sociology .....	3
Cultural Anthropology.....	3
English Composition (prerequisite to NUR 470) ... 9	
Humanities (choose from art appreciation or history, music appreciation or history, theatre arts or speech, literature, philosophy, women's studies, foreign language, and intercultural communication) .....	9
Anatomy and Physiology*	
Microbiology*	
Nutrition*	

\*Most ADN and diploma nursing programs require these courses or integrate them into the nursing curriculum. Each student's transcript is individually evaluated.

### RN/BS Nursing Course Requirements

For specific information about the RN program, contact the OHSU School of Nursing at [proginfo@ohsu.edu](mailto:proginfo@ohsu.edu) or visit [ohsu.edu/son](http://ohsu.edu/son).

### Graduate Nursing Education

OHSU offers master's and doctoral programs in Portland, Oregon, with some options on the Ashland campus via distance-learning technologies. Master's specialties usually require two years of full-time study. Family nurse practitioner and psychiatric mental health nurse practitioner specialties are regularly available on the Ashland campus. Post-master's certificate programs and a doctoral program are available based on demand and funding.

### Prerequisites

Graduate applicants must have completed a baccalaureate degree in nursing with an undergraduate GPA of 3.0 or better. A combined verbal and quantitative score of 1000 or above on the Graduate Record Exam (GRE) is also required for admission, as is successful completion of a statistics course within three years of admission.

### Advising

A faculty advisor is available on the Ashland campus for RNs interested in graduate-level education. Contact the graduate program administrative assistant on the SOU campus.

### Admission

Students must file an electronic OHSU School of Nursing application, which can be found at [ohsu.edu/son](http://ohsu.edu/son). Application deadlines and frequently asked questions can also be found on the website.

### Transfer Credits

Acceptance of transfer credits from CCNE- or OSBN-accredited nursing programs is subject to review by School of Nursing faculty, who evaluate comparability and determine the number of credits that may be granted.

### Accreditation

Oregon State Board of Nursing (OSBN)  
Collegic Commission on Nursing Education (CCNE)

### Study Abroad Programs

Stevenson Union 322  
541-552-6336

The need for global vision and international diplomacy has never been greater. SOU encourages its students to become responsible global citizens and to actively engage with the world. One of the best ways to do this is to enroll in a study abroad program or an international internship. Such international activities can be easily worked into SOU academic programs. All study abroad programs are open to sophomores and above. Financial aid applies to all programs. SOU has a selection of more than thirty-five study programs in twenty countries.

### Argentina

#### ROSARIO, UNIVERSIDAD NACIONAL

Students explore a nation of contrasts, from the lush tropical forests in the north to the Antarctic in the south. Study in English at the Universidad Nacional de Rosario in a program tailored for students from the Northwest. Students study Spanish and choose from a range of courses on Argentinean history and culture. This program frequently offers business courses. No Spanish language prerequisite. Available fall and spring quarters.

### Australia

#### MELBOURNE, DEAKIN UNIVERSITY

Students explore virtually all fields at one of three Deakin campuses in the Melbourne region. This program is taken either February through June, July through November, or for the full academic year. Live in Deakin's dormitories or share a room with an Australian student. Possible courses include Aboriginal Archaeology, Australian Literature, and Modern Australia. Courses to satisfy most majors are also available.

### CANBERRA, AUSTRALIAN NATIONAL UNIVERSITY

Explore most majors at this university down under. This program is for fall semester (July through November) or spring semester (February through June). Also offered as winter term intensive, where students can spend winter term soaking up the sun during Australia's summer season. Provides an in-depth study of Australian culture, including history, economy, the environment, and indigenous peoples.

### PERTH, CURTIN UNIVERSITY OF TECHNOLOGY

Students spend a semester studying at a comprehensive university that offers business, sciences, health sciences, humanities, and a school of resources and the environment. Perth is the capital of Western Australia, on Swan River. Offered fall and spring semesters and as a summer program.

### Austria

#### VIENNA, NCSA PROGRAM

Students spend a term studying European culture in Vienna, grand capital of the former Hapsburg Empire. This program has no language prerequisite. Participants live in shared apartments near the city center, take all coursework in English, and study the German language at all levels. Course options include Global Problem Solving: The Role of International Organizations; Vienna at the Turn of the Century; and Baroque Vienna: Music and Art.

### Chile

#### VALDIVIA, UNIVERSIDAD AUSTRAL

Students study in a spectacular southern Chile setting through an affordable program designed for U.S. students. Open to students with two years of college-level Spanish. Students learn the Spanish language and select from an array of courses in Chilean culture and society. Housing is available in a boarding house or with a local family. Offered fall and spring terms.

### China

#### BEIJING, CENTRAL INSTITUTE FOR NATIONALITIES

Located at Beijing's Central Institute for Nationalities, this program emphasizes Chinese language and culture. Includes a two-week study tour of a minority region in China. While courses are taught in English, students also study Chinese intensively. One year of college-level Chinese is required. Coursework may include Chinese Language and Chinese National Minorities. Offered fall and spring semesters and as a full academic year.

### Denmark

#### COPENHAGEN, COPENHAGEN BUSINESS SCHOOL

A business program for upper division business majors, this program has no language prerequisite and is taught entirely in English. Coursework consists of international business courses, in addition to intercultural communication, languages, law, and public policy. Students may live in homestays, apartments, or residence halls. Offered fall and spring semesters, as a full academic year, and as a summer program.

## Ecuador

### GALAPAGOS ISLANDS, GALAPAGOS ACADEMIC INSTITUTE

Perfect for the environmental studies major, this semester-long program takes place on the Galapagos Islands. Courses include Evolutionary Biology, Native and Introduced Plants of the Galapagos, Marine Life of the Galapagos, and Human Ecology and Maritime Communities. Students may also perform community service focused on conservation and sustainable development. Open to science majors only and available for fall or spring semesters.

### QUITO, PONTIFICA UNIVERSIDAD CATÓLICA DEL ECUADOR

Two years of college-level Spanish are required for this one- or two-semester program in Quito at a private university of approximately 7,000 students. Coursework is in Spanish. Courses span most fields and include Spanish language courses, as well as Introduction to Ecuador, Ecuadorean Cultural Anthropology, and U.S.-Latin American Relations.

### QUITO, UNIVERSIDAD SAN FRANCISCO DE QUITO

Students study for one or two semesters at a small private university that offers liberal arts courses in Spanish. Requires two years of college-level Spanish. Coursework includes Spanish language courses, along with Ecuadorean History and Social Institutions of Ecuador.

## England

### WINCHESTER, UNIVERSITY OF WINCHESTER

Similar in size to SOU, this liberal arts college is located in historic Winchester, an hour by train from London. Students enjoy private rooms in UCW's residence halls and select from coursework in the social sciences and humanities. The college is on a semester system. Typical courses include Britain Today, Archaeology of Ancient Britain, and Introduction to British Theatre. Offered fall semester and February through June (winter and spring) with a low-cost direct exchange option each fall.

### LONDON, NCSA PROGRAM

SOU students study with fellow students from the Pacific Northwest in the center of London just blocks from the British Museum. They live with an English family and take courses taught by British and U.S. professors. Courses include London Theatre, Modern Britain, and Victorian Art and Architecture. Offered fall, winter, and spring quarters, with special internships available winter and spring. A summer program is also available.

### SHEFFIELD, UNIVERSITY OF SHEFFIELD

The University of Sheffield offers academic excellence and is only minutes away from the Peak District National Park where students can hike, climb, and cycle. Students with diverse interests may enroll in a wide variety of classes in the liberal arts and sciences during this year-long program. A winter/spring option may be available on an exception basis. Areas of excellence include many fields in the biological sciences, chemistry, archaeology, English, history, and political science.

## France

### POITIERS, UNIVERSITÉ DE POITIERS

Oregon students participating in this yearlong program need two years of college French to qualify. A broad range of coursework is available in French language and culture and in most other fields. Typical courses include French Composition and Conversation, French Literature, and Sociology.

### LYON, LYON UNIVERSITIES

This yearlong program for Oregon students is based at one of four national universities in cosmopolitan Lyon. France's second largest city, Lyon is a modern, bustling town with a history extending to pre-Roman times. Its universities provide study in virtually every field (language skills permitting), with strong offerings in the sciences, technical fields, and liberal arts. Requires two years of college-level French. Typical courses include French Composition and Conversation, History of France, and Contemporary French Politics.

### ANGERS, NCSA PROGRAM

Located at L'Université Catholique de L'Ouest in the heart of historic Angers, this quarter-long program is accessible to most students since it requires only one term of prior study of French. Students live with a French family, study French language and culture intensively, and enjoy a range of excursions as part of this exciting program. Typical coursework includes French Language, French Impressionist Art, Politics and French Culture, and Modern France. Offered fall, winter, and spring quarters and in monthlong (up to three months) language-intensive programs in the summer.

## Germany

### BADEN-WÜRTTEMBERG UNIVERSITIES (HEIDELBERG, KONSTANZ, FREIBURG, AND OTHERS)

Participants need two years of college-level German as preparation for this yearlong program at any of nine major universities in the German state of Baden-Württemberg. Virtually all fields of study are possible, with typical courses including German, British Novel, and Introduction to Music.

### WERNIGERODE, HOCHSCHULE HARZ

This is a one- or two-semester program for business students at SOU's new partner university, Hochschule Harz, located in historic Wernigerode in the Harz mountain region of the former East Germany. Participants take coursework in English on a variety of business topics. Courses may include German Marketing Theory, Practice and Management in the European Union, and German language courses taught at beginning, intermediate, and advanced levels. Offered fall and spring semesters and as a special summer program.

### SAARBRÜCKEN, HOCHSCHULE FÜR TECHNIK UND WIRTSCHAFT

SOU business students can study abroad at this University of Applied Sciences for one or two semesters or for a special summer program. Saarbrücken is a regional economic and cultural center whose turbulent history and proximity

to France are quite apparent. Multinational influences are clearly visible in Baroque palaces, the France-German Garden, and a local cuisine with a French touch. Participants take courses in English on a variety of business topics, as well as German language classes offered at all levels. There is no language requirement.

## TÜBINGEN, SPRING INTENSIVE PROGRAM

This is a language-intensive, semester-length program for Oregon students at Tübingen, one of Germany's oldest universities. Participants must have taken two terms of college-level German and will acquire up to 21 additional credits in German language and culture. Coursework includes GL 103 and the GL 201-203 sequence. Offered spring quarter.

## Ghana

### ACCRA, UNIVERSITY OF GHANA

This exciting opportunity introduces SOU students to Africa in Ghana, a stable West African nation whose citizens are open, friendly, and welcoming to Western visitors. Ghana is a beautiful tropical country with a developing economy and a strong university tradition. Students are directly enrolled alongside Ghanaian students at the University of Ghana. They select from a wide array of courses in most majors, all taught in English. Housing is in dormitories. Offered winter and spring terms.

## Greece

### ATHENS, NCSA PROGRAM

This is a term-long program in Athens, cultural center of both ancient and modern Greece. This program has no language prerequisite. Participants live in shared apartments near the city center and take all coursework in English. They study Greek language at all levels, from beginner to advanced (AL 199 or 399). Courses include Monuments of Greece (ART 399), Modern Greek Literature (ENG 399), and Byzantine History and Politics (HST 399). Offered fall and spring terms. Students also have the opportunity to spend a summer on the island of Spetses, located a few hours from Athens on the Saronic Gulf. Students enjoy lush green hillsides, jasmine gardens, and neoclassical architecture while studying art, poetry, or theatre on location. Offered in monthlong intensive summer sessions.

### KEFALONIA, NCSA PROGRAM

Focusing on sustainable community development, this program takes place on the island of Kefalonia, the largest of the Ionian Islands off the coast of Greece. Students engage in experiential, project-based learning about topics in environmental studies, social anthropology, sustainable tourism, economic development, and Greek language and culture. Available during fall and spring terms for upper division undergraduate and graduate students.

## Ireland

### DUBLIN, NCSA PROGRAM

Students spend five weeks in Dublin during the summer, earning 8 SOU credits for coursework in Irish history, literature, and culture. Housing is provided by local homestay families. Excur-

sions to cultural and historical sights make this a great introduction to one of Europe's most vibrant societies. Term- and yearlong programs are being planned. Inquire about these at the International Programs Office.

### **Italy**

#### **SIENA, NCSA PROGRAM**

This popular quarter-long program at the NCSA study center in Siena has no language requirement. Students engage in an intensive study of Italian language (AL 199) at the *Università per Stranieri*. Other courses taught by U.S. and Italian instructors focus on the history and culture of Italy. Examples include *The Tuscan Illustrated Journal* (ART 399) and *Music from Mussolini to Madonna* (MUS 399). Housing is with homestay families or in apartments shared with American and international students. Offered fall, winter, and spring quarters. A summer program is available.

#### **MACERATA, NCSA PROGRAM**

This is a quarter-long program located in the ancient Roman town of Macerata, near the Adriatic Sea. Courses are taught in English, and there is no foreign language requirement. Offers the Italian Language (AL 199) at various levels, along with a selection of courses in Italian culture and history. Examples include *Modern Italy* (HST 399), *Romanesque and Renaissance Art in Italy* (ART 399), and *Film and Society* (COMM 399). The studio art course in painting is a popular option each quarter. Offered fall and winter quarters.

### **Japan**

#### **AKITA, AKITA INTERNATIONAL UNIVERSITY**

Set in the wooded mountains of northern Honshu, AIU offers an opportunity to take courses in Japanese, as well as English language coursework in Japanese Studies, International Business, and Global Studies. Students may also enroll in Chinese studies, ideal for students seeking to build regional expertise on East Asia. Offered fall and spring semester or full year. Inquire about summer options.

#### **OKAYAMA, OKAYAMA UNIVERSITY**

Students spend a semester in Okayama University's EPOK exchange program, designed for U.S. students wishing to know more about Japan and Japanese society. One year of college-level Japanese is recommended. Coursework is available in a variety of areas, including social science, arts and letters, business, and science, in addition to Japanese language. Offered fall and spring quarters and for the full academic year. Taught in English.

#### **TOKYO, WASEDA UNIVERSITY**

Japan's premier private university offers an academic program with coursework in English, along with study of the Japanese language. One prior year of Japanese language study is required. Possible topics include Japanese language at various levels and a range of subjects in the humanities and social sciences, such as Japanese History, Art History, and Geography of Japan. Offered fall term, fall and spring semesters, and for a full academic year.

#### **TOKYO, AOYAMA GAKUIN UNIVERSITY**

Beginning in April and ending in February, this academic yearlong program conforms to Japan's academic year. With emphases on economics, politics, and business, coursework is offered in English and Japanese to those who qualify. One year of college-level Japanese is required. Coursework includes Japanese language, International Management, and Comparative Political Systems.

#### **TOKYO, TOKYO INTERNATIONAL UNIVERSITY**

For this semester-long program in Kawagoe near Tokyo, students live with Japanese families and take courses in English in the Japan Studies Program. Japanese Language is a required course. Other offerings include Japanese Literature (JPN 399), Japanese Social Institutions (SSC 399), the Fine and Theatrical Arts of Japan (AL 399), and Japanese International Relations (PS 399). Offered fall and spring quarters, or for the full academic year.

### **Korea**

#### **SEOUL, YONSEI UNIVERSITY OR EHWA UNIVERSITY**

In the heart of Seoul, Yonsei University and Ehwa University offer a Korean studies program for Oregon students. No prior study of the Korean language is necessary, and courses are taught in English. Coursework possibilities include Korean Language (AL 199), Korean Religious Traditions (AL 399), and Korean Society (SSC 399). Offered fall or spring semester or for the full academic year. Summer study may also be possible; inquire in the Office of International Programs.

### **Mexico**

#### **CHOLULA, UNIVERSIDAD DE LAS AMÉRICAS (UDLA)**

Located seven miles from the city of Puebla, UDLA is a private university of high academic quality. This program is designed for students with at least three years of university-level Spanish who can take regular courses with Mexican students for a semester or academic year. UDLA offers coursework in a wide variety of disciplines in the humanities, social sciences, natural sciences, and business.

#### **GUANAJUATO, UNIVERSIDAD DE GUANAJUATO**

SOU's oldest exchange link, the Amistad Program enjoys a longstanding relationship with one of Mexico's first universities, the Universidad de Guanajuato. In this yearlong program, students study a range of academic fields while also working intensively on their Spanish. Requires two years of college-level Spanish. Coursework includes Spanish at varying levels and may include Modern Mexican History or Introduction to Mexican Politics. Offered both fall quarter and winter-spring semester (winter and spring terms), as well as for the full academic year. Summer Sessions also available.

#### **INSTITUTO TECNOLOGICO DE EDUCACION SUPERIOR DE MONTERREY (ITESM)**

This exciting new program offers semester and yearlong programs at some of Mexico's top universities in Cuernavaca, Guadalajara, and Monterrey. Students may study elementary to

advanced-level Spanish, as well as a variety of other subjects, including a strong business program. Both homestay and dormitory options are available in this unique program.

### **MORELIA, NCSA PROGRAM**

This term-length program is located in the architectural gem of Morelia, in the beautiful central highlands of Mexico. Courses focus on Spanish language, social sciences, and education, with an emphasis on migration studies. The site offers a special summer program for educators, as well as a general summer language and culture program. No Spanish language is required.

### **New Zealand**

#### **DUNEDIN, UNIVERSITY OF OTAGO, NCSA PROGRAM**

New Zealand, known as Aotearoa by its native Maori settlers, is an exciting new option for SOU students. The program is based in the South Island in historic Dunedin, at one of New Zealand's oldest universities. A range of coursework is offered in most fields, all taught in English. Housing is in university accommodations near the campus. Excellent outdoor opportunities nearby include skiing in Queenstown, hiking in the famed "southern Alps," and exploring the wild fjords of Fjordland. Two semester options are available, July through November (SOU fall term) and February through June (SOU winter and spring terms).

### **Poland**

#### **TORUN, NICOLAUS COPERNICUS UNIVERSITY**

The small medieval city of Torun is a perfect host for SOU students seeking to learn more about Poland and eastern Europe. There is no language prerequisite, as English language courses are offered in English literature, international studies, and criminology in this semester-length program. SOU students can also take a short intensive course in Polish before fall semester begins.

### **Spain**

#### **OVIEDO, NCSA PROGRAM**

This program is located at the University of Oviedo in Spain's northwestern region. Participants choose from several options: a fall quarter or spring semester, a full academic year, or a monthlong intensive summer session. Students have an opportunity to live with a Spanish homestay family and to participate in a range of excursions in the surrounding areas. One year of prior college-level Spanish is required, although the program can accommodate all language levels through advanced Spanish. In addition to Spanish at the 200, 300, and 400 levels, course offerings include Spanish Art (ART 399), Spanish History (HST 399), and Hispanic History and Civilization (HST 399).

### **Thailand**

#### **CHIANG MAI**

This Thai studies program is offered at Payap University in Chiang Mai. With most classes taught in English, the program requires no previous study of the Thai language. The program offers coursework in Thai culture and language, including Buddhist Traditions (AL

199), Cultural Foundations of Thai Society (SSC 399), and Contemporary Thai Politics (PS 399). The Thai language is taught at the introductory level (HUM 199). This is a two-term program encompassing fall and winter terms.

### Oregon International Internship Program (IE3)

Stevenson Union 322  
541-552-8334

The Oregon International Internship program offers SOU students a chance to work abroad, gaining both academic credit and resumé-building experience. This global network of internships includes more than 200 different opportunities, many of which are geared to specific majors or interests. Examples include working with the Cheetah Conservation Fund in Namibia, the Women's Aid Organization in Malaysia, and a two-site sequential internship with both the Oregon Shakespeare Festival and the Globe Theatre in London. Internship openings cater to students of most majors, from business to history to environmental studies. Students are highly encouraged to take advantage of this unique opportunity. Financial aid can be applied.

### Success at Southern

1056 Henry Street  
541-552-6062

Success at Southern/Student Support Services is a federally funded TRIO grant program that helps eligible students (low-income or first-generation students, as well as those with disabilities) succeed in college and eventually graduate. Success at Southern provides a range of services, including college success classes; tutoring; academic advising; mentoring; assistance with completing scholarship applications; access to cultural activities; and career, personal, and financial counseling.

### Success at Southern Courses

#### LOWER DIVISION COURSES

##### SAS 101, 102, 103 College Success and Academic Development Classes

1 credit each

This sequence is available to students enrolled in the Success at Southern/Student Support Services program. College Success classes have been developed to help facilitate students' academic and personal success in college. While SAS 101 is designed for newly enrolled freshmen, SAS 102 is designed for newly enrolled transfer students with 36 or more credits. Both classes cover the clarification of academic goals, planning, study skills, financial planning, collaborative skills, and assessment targeted at heightening students' understanding of themselves as learners. Academic Development (SAS 103) provides a structured setting in which students may access professional and tutoring support to enhance their academic skills and performance. Specialized SAS 103 courses are provided for student-athletes and for scholarship research and application.

#### UPPER DIVISION COURSES

##### SAS 301, 302, 303 Career Exploration, Graduate School Planning, and School-to-Work Transition

1 credit each

Offered in cooperation with Career Services, this sequence is available to both Success at Southern/Student Support Services students and other undergraduate students. Career Exploration (SAS 301) focuses on clarification of career and academic goals, such as choosing a major. Students are encouraged to begin or continue practicum, service-learning, or internship experiences aligned with their career goals. Graduate School Planning (SAS 302) is designed for juniors who are considering graduate school. This course helps students respond to questions about graduate school, such as the following: Is graduate school right for me? How do I apply? How do I finance graduate school? How do I prepare to take the entrance exams?

### University Seminar

Central 008  
541-552-8160

University Seminar is an academic first-year experience for students entering SOU. This three-term sequence introduces students to key foundational skills that help them develop as researchers, critical thinkers, and communicators—the foundation strands of University Studies. University Seminar provides students with opportunities to examine their motivation and goals with regard to higher education. Students have an opportunity to select a sequence designed around a theme relevant to contemporary issues and events. Usually, students remain with the same instructor and classmates for all three terms. The sequence incorporates at least one goal area in civic responsibility, science and technology, or diversity and global awareness.

Through a structured sequence of writing experiences, students progress beyond unsupported assertion to reasoned argumentation and dialogue. Discussion, presentation, and small-group activities are also emphasized. In comparing the University Seminar with traditional communication and writing courses, the following guidelines may be useful: (1) successful completion of USEM 101 with a grade of C- or better is equivalent to 3 credits of introductory writing and 1 credit of communication; (2) successful completion of USEM 102 with a grade of C- or better is equivalent to 3 credits of academic writing and 1 credit of communication; (3) successful completion of USEM 103 with a grade of C- or better is equivalent to 3 credits of academic writing and 1 credit of communication. Only upon completion of the whole sequence do students receive the equivalent of 12 credits in writing and communication.

\*The University Seminar administers the lower division WR 122 and WR 227 courses. In rare cases, students may need to complete their University Studies written and oral communication requirement through WR 122. Students should contact the University Seminar Office in Central 008 or call 541-552-8160.

### University Seminar Courses

#### LOWER DIVISION COURSES

##### USEM 101, 102, 103 University Seminar

4 credits each

Focuses on the skills students need to succeed in college. This yearlong course is a component of the University Studies curriculum in critical reading, writing, speaking, and thinking. Under normal circumstances, students stay with their teacher and classmates in small sections for the entire sequence. General advising and a college success component are also important aspects of the course. Enrollment in the University Seminar is required of all freshmen who have not completed the equivalent of both WR 121 and 122. Successful completion of all three terms of the University Seminar is equivalent to a full year of writing and a course in oral communication.

##### USEM 101H, 102H, 103H University Seminar Honors

4 credits each

Each year, a few sections are designated as USEM 101H, 102H, and 103H. These sections often focus on a specific theme and are designed for students who desire an accelerated pace and have been designated as honors students.

##### USEM 185 Introduction to Expository Writing 2 credits

Helps the student understand the fundamentals of expository prose through writing, analysis, and revision of short essays. The course surveys the basic conventions, purposes, and strategies of standard written English. Emphasis is on improving students' fluency in writing expository prose, and building confidence in their own ability to write acceptably and effectively at the university level. Special attention is given to sentence structure, grammar, spelling, punctuation and essay development. May be repeated for credit.

##### USEM 209 Practicum

Credits to be arranged

##### USEM 225 University Seminar for Transfers: "Worlds and Writing"

4 credits

Reserved for transfer students with 24 credits or more, this class provides transfer students with instruction and practice in meeting goals and proficiencies in the Foundational strands of Communication, Critical Thinking, and Information Literacy. With an emphasis on real-world and professional writing, this course develops advanced writing styles, writing techniques, and audience/readership considerations by providing practice in the kinds of challenging thinking, reading, and writing required by different communities in the business world and in the academy.

#### UPPER DIVISION COURSES

##### USEM 409 Advanced Practicum

Credits to be arranged

Provides opportunities for students to work in partnership with faculty in the University Seminar Program or Writing Center. Acceptance into

this peer mentoring practicum is contingent upon faculty recommendation and successful completion of a training session. Students who have successfully completed USEM 101, 102, 103 are especially invited. Prerequisite: University Seminar Program consent.

## Writing Courses

### LOWER DIVISION COURSES

#### WR 122 English Composition

4 credits

Focuses on close reading, organization, and effective expression in academic essays, concentrating primarily on argumentation. Prerequisite: WR 121.

#### WR 227 Technical Research Writing

4 credits

Covers written composition. Introduces research techniques and writing, with emphasis on technical and scientific writing. Prerequisite: Successful completion of the University Studies writing requirement.

## Graduate Studies

Application Information: 541-552-6411

Students pursuing graduate studies at SOU may choose one of three types of degree programs: specialized master's degrees, professional licenses, and college area master's degrees. Requirements vary between 45 and 90 credits.

Individuals who wish to enroll in a master's degree or licensing program must first be admitted to the Program of Graduate Studies through the Office of Admissions. Students should contact Admissions for filing deadlines, registration categories, and fee requirements. Each graduate program is administered by its respective school, college, or department. Students should also contact the school or college dean's office to receive an overview and application materials of a specific graduate program and to identify a departmental graduate program coordinator or a graduate program advisor.

Those who would like to take graduate courses but have not been admitted to the Graduate Studies Program and to a master's degree or graduate licensing program may enroll in the University as a postbaccalaureate student, a postbaccalaureate nongraduate student seeking reserved graduate credit, or a nonadmitted graduate student. Those interested should consult the Office of Admissions for more details. Not all postbaccalaureate programs give graduate credit coursework. Students should contact a graduate advisor in the program of interest. (Please see *Postbaccalaureate Admission, Graduate Student Admission and Enrollment as a Nonadmitted Student, and Reserved Graduate Credit*.)

## Distinguishing Master of Arts or Master of Science Degrees

The master of arts and master of science degrees differ only in the foreign language requirement. To receive an MA degree, students must dem-

onstrate fluency in a second language. U.S. students who have completed two years of study in one foreign language at an accredited college or university automatically meet the second language requirement for the MA degree.

## Master's Degree Programs

Each master's degree program at SOU may have specific requirements for admission in addition to the requirements of the Graduate Studies Program.

### Specialized Master's Degrees and Licensing Programs

Some graduate degree programs at SOU may lead to the master of arts or the master of science degree or to licensure, preparing participants for professional advancement related to a specific field of inquiry. These programs consist of a strong subject matter preparation in a major area at the graduate level. The specific objectives of these master's degrees are to expose students to current information and practices in a career field and to provide students with opportunities to develop high levels of skill and depth of knowledge that combine theory and experience in a field of study relevant to the demands of civic responsibility and professional life in a globalized and multicultural world.

### Master's Degrees for Professionals

The following master's degrees offered at SOU are designed for individuals pursuing professional advancement. They cover the specific fields of business management, computer science, teaching and educational administration, environmental education, foreign language education, music conducting, mental health counseling, and theatre studies in production and design.

#### BUSINESS

Master in Management  
(Master in Management Program)

Master of Business Administration  
(Master of Business Administration Program)

#### COMPUTER SCIENCE

Master of Arts or Master of Science in Mathematical and Computer Sciences, with an emphasis in Computer Science  
(Computer Science)

#### EDUCATION

Master of Arts in Teaching (MAT),  
Early Childhood/Elementary (Education)

Master of Arts in Teaching (MAT),  
Elementary/Middle (Education)

Master of Arts in Teaching (MAT),  
Middle/High (Education)

Master of Arts or Science in Education (MEd)  
(Education)

Master of Arts or Science in Education, Special Education Program (MEd) (Education)

#### ENVIRONMENTAL EDUCATION

Master of Science in Environmental Education  
(Biology)

#### FOREIGN LANGUAGE

Master of Arts in Spanish Language Teaching  
(Foreign Languages and Literatures)

#### MUSIC

Master of Music in Conducting (American Band College, Music)

#### PSYCHOLOGY

Master of Science/Arts in Mental Health Counseling (Psychology)

#### THEATRE ARTS

Master of Theatre Studies in Production and Design (Ashland Center for Theatre Studies, Theatre Arts)

#### Licensing Programs

SOU also offers graduate-level licensing programs; all are in the field of education. The aim of these licensure programs is to provide participants with practical training and to certify professional competence beyond that which can be earned in academically focused degree-granting programs. The following licensing programs are offered:

#### EDUCATION

Initial Teaching License (Education)

Continuing Teaching License (Education)

Initial Administrator License (Education)

Continuing Administrator License (Education)

## Master's Degrees in Related Strands of Inquiry in a School or College

Note: The school/college area master's degrees are undergoing a substantial revision. We anticipate the revised degree to be completed by fall 2008. Check with your advisor and the online catalog ([sou.edu/catalog](http://sou.edu/catalog)) for the most current information.

Graduate degrees in integrated fields at SOU are focused in the College of Arts and Sciences. They combine the theory and practice of several strands or disciplines of inquiry originating in the arts, the humanities, the sciences, and the social sciences. These degrees provide an opportunity for substantial academic preparation and advanced mastery in interrelated areas of study that have the power to stimulate multidimensional views of complex knowledge. Students in these graduate degrees build multifaceted competencies, creative practices, and broad-minded perspectives that may reach across a select range of discourses and experience. The multidisciplinary structure of these programs provides a flexible curriculum of coursework suitable to the stimulation of participants' continued intellectual growth, personal satisfaction, and career advancement in evolving fields relevant to the challenges of life, work, and learning in diverse settings of the twenty-first century.

At least 45 credits are required for graduate degrees in related fields. The curriculum consists of graduate coursework in two or more disciplinary or subject matter components that include a major area of concentration and one or more support areas, also called minor areas of concentration. The actual courses required are selected by the student under the guidance of an advisor from one or more of the selected fields of study, with the approval of the graduate program coordinator and the school or college dean.

The major area of concentration requires 18–36 approved graduate credits in a selected strand of inquiry or from a participating department, unit, or program; the support area comprises 9–27 credits of approved graduate credits in one or more additional strands of inquiry from one or more departments, units, or programs outside the major area of concentration. At least 24 of the program credits must be in a single strand of inquiry, and coursework from any other strand, department or program may not exceed the total number of credits in the major area.

#### **Areas of Concentration in a Major**

Biology (College of Arts and Sciences)

Computer Science  
(College of Arts and Sciences)

Health and Physical Education  
(College of Arts and Sciences)

Social Sciences (College of Arts and Sciences)

#### **SUPPORT AREAS:**

Anthropology

Art and Art History

Biology

Business

Chemistry

Communication

Computer Science

Criminology and Criminal Justice

Economics

Education

Foreign Languages and Literatures

Geography

Geology

Health and Physical Education

History

International Studies

Mathematics

Political Science

Social Sciences

Sociology

Women's Studies

These lists change periodically. Please contact the program of interest to confirm participation.

#### **Step One: Admission to a Master's Degree Program**

##### **MASTER'S DEGREE ADMISSION REQUIREMENTS**

Students are strongly advised to speak with a graduate program coordinator or graduate advisor before submitting admission materials. The specifications listed here are the minimum requirements.

1. Students must have completed any specific prerequisite coursework and any program requirements to pursue graduate work in the proposed academic area. Check with the school or college dean's office for information.

2. All students must have a cumulative GPA of 3.0 or higher in the last 90 quarter credits (60 semester credits) of undergraduate coursework.

3. Most programs require students to complete a preliminary entrance examination, usually the Graduate Record Exam (GRE). A typical combined score for admitted students is 1500 with 500 on both the verbal and quantitative portions of the GRE. Some departments may require higher minimum GRE scores. Consult the school or college dean's office for guidelines. Information bulletins and application forms for the GRE may be obtained from the Admissions Office.

4. Students whose native language is not English must achieve a Test of English as a Foreign Language (TOEFL) score of 540 or higher before enrolling in graduate courses. (See *Admission of Foreign Students*.)

#### **TO APPLY FOR GRADUATE STUDIES, STUDENTS MUST SUBMIT A COMPLETE APPLICATION PACKET.**

A complete application to the Graduate Studies Program includes the following:

1. The Application for New Student Graduate Admission to the Admissions Office, along with the nonrefundable application fee. Applications are not accepted without the fee. Some programs also require a separate application for that specific program.
2. An official transcript from all institutions attended. Students must hold a bachelor's degree from an accredited college or university, as defined by the American Collegiate Registrars and Admissions Officers, or an advanced degree from an accredited college or university. (Copies of accreditation booklets may be reviewed in the Admissions Office.) Students who received a baccalaureate degree from a nonaccredited institution may consult the school or college dean regarding any special admissions policies that may apply.
3. All required official entrance examination score reports.
4. Three letters of recommendation from professors or other professional sources. These letters should speak to your ability to perform in graduate studies. Contact the school or college dean's office for guidelines.
5. Other requested documents sent to the Admissions Office (institutional code R4702). Consult the school or college dean's office for additional admission requirements for specific programs.

All application materials (including a signed application form, admission fee, official transcripts from all institutions attended, official GRE score, three required letters of reference from professors, and a letter of intent or goal statement) must be on file in the Admissions Office by the designated deadline.

When all required admission materials have been received by the Admissions Office, copies are forwarded to the school or college dean or graduate program coordinator. They are checked for completeness and to ensure that all admissions requirements are met. A copy is retained in the dean's office and a copy is forwarded to the appropriate department(s) for their admission recommendation.

#### **ADMISSION DEADLINE FOR SPECIALIZED MASTER'S AND LICENSING PROGRAMS**

Application procedures and deadlines vary across programs. Consult the school or college dean's office for specific admission deadlines.

#### **ADMISSION DEADLINES FOR COLLEGE AREA MASTER'S PROGRAMS**

The application deadline for College Area Master's Degree Programs is April 15 (fall term).

#### **FORMAL NOTIFICATION OF ADMISSION DECISION**

When the admission decision has been made, a letter of acceptance is sent by the office of the school or college dean. The appropriate admission designation is coded into the computer system by the Admissions Office. Students may then register for coursework.

A formal letter is also sent to a student who is not accepted into a graduate program. If a student is not accepted into the graduate program but shows promise of success, the graduate major department or the graduate program may recommend additional admission criteria. When the specified admission criteria have been met, the student may submit a Petition for Change of Status. This form is obtained from the office of the school or college dean. When the form is completed and signed, it is submitted to the school or college dean's office. The dean's office then issues a letter regarding the student's admission status.

#### **ALTERNATE ADMISSION PROCEDURE**

Students who do not meet all requirements for graduate admission may apply for postbaccalaureate admission.

#### **FINANCIAL AID AND GRADUATE ASSISTANTSHIPS**

Financial aid awards are affected by a student's admission classification as a nonadmitted graduate, a postbaccalaureate nongraduate, a postbaccalaureate student, or a graduate master. Confer with the Financial Aid Office to determine the financial aid for the classification to which you are admitted.

Graduate assistantships are available in some academic departments and administrative units. To hold a graduate assistantship, students must gain regular admission to a master's degree program. They must also have an approved master's degree program on file no later than the first week of the initial term of appointment as a graduate assistant and must successfully pursue the program at a rate defined in the General Regulations for Appointment of Graduate Assistants.

**Step Two: Approval of Proposed Program**

The student's graduate program advisor is the student's primary support during completion of the graduate program. At the beginning of graduate coursework, with the help of the program advisor, each student should obtain advisors in the major and minor areas of concentration to form the student's graduate program committee. With the help of these advisors, the student should immediately develop a proposed program of study and file it with the school or college dean on the degree program form. These forms are available from the school or college graduate coordinator or program advisor and must be approved by the student's advisors, the school or college graduate coordinator, and the school or college dean. Students must submit this form before completing 18 credits. Any time a student's program changes, he or she must submit an approved program change form facilitated by the program advisor.

**ACADEMIC LOAD**

The maximum load for graduate students is 16 credits during a regular term and 15 credits during an eight-week Summer Session. Overload petitions must be approved by the student's advisor and the school or college graduate coordinator. The form is filed with the graduate program coordinator or advisor and the Registrar's Office. There is a surcharge for each credit taken in excess of academic load regulations.

**SATISFACTORY PROGRESS**

Students in specialized, licensing, and school or college area graduate degree programs are expected to make reasonable progress toward completion of the graduate degree. Graduate students who have not enrolled in the current academic year are notified during spring term by the school or college dean that they must file an application for graduate study leave by the end of the term. Failure to file requires that the student reapply for admission to the graduate studies program and to the master's degree program in order to continue degree studies and maintain financial aid. Students readmitted into the same program are not limited to the 15-credit maximum requirement for newly admitted students.

This policy does not apply to graduate students in programs that operate in the summer only, the education master's programs, the summer institute for foreign language teachers, or the American Band College program.

**Step Three: Midprogram Evaluation and Program Completion**

Most of the SOU graduate programs require a midprogram evaluation. Students should have a midprogram evaluation meeting as soon as possible after completing 18 credits (and no later than after completing 24 credits) to guarantee that all credits count toward their program. Appropriate forms and additional information are available from the school or college graduate coordinators.

A midpoint evaluation and meeting must be completed by all integrated fields master's degree candidates. Programs exempt from the midprogram evaluation include the Master in Mental

Health Counseling (MHC), Master in Management (MiM), American Band College (ABC), and Education Comprehensive Exam option.

**CREDITS-IN-RESIDENCY REQUIREMENT**

Students must earn at least 30 quarter credits toward a master's degree in residence at SOU. The last 9 credits of the program must be in residence unless a waiver is approved by the graduate coordinator and the school or college dean. Graduate credit for a course taught by an instructor in Continuing Education who has been approved in advance by the school or college dean or director is accepted as residence credit. Refer to Course Exclusions below for further information.

**THESIS OR PROJECT**

In many master's degree programs, students may elect to complete a thesis or project option. Any student who wishes to explore a thesis or project option should check with the school or college graduate coordinator at the beginning of the program for information about the special procedures and regulations governing such an option.

The student's thesis or project committee must meet and approve the project proposal. This approved proposal must be on file in the school or college dean's office before the irregular registration forms for thesis or project coursework are approved.

Students may use 6 to 9 credits, with a maximum of 3 credits from the support area, for the thesis or project. Those exercising this option must follow the format outlined in the Style Manual for Theses and Projects, available from the University Bookstore. Students defend the thesis or project in an oral examination.

**Step Four: Application for Graduation**

Students must submit the application for completion of a master's degree form to the school or college graduate coordinator no later than the first week of the quarter in which students plan to complete all requirements for the degree, including a comprehensive exam and the final defense of a project or thesis. The school or college graduate coordinator evaluates each student's degree status and planned program of coursework. Students are then notified by mail of any deficiencies that need to be corrected and the procedures for setting up a comprehensive examination.

**Step Five: Final Steps to Degree Completion**

Students approaching the completion of their graduate studies may be required to participate in a comprehensive coursework examination, a defense of their thesis or project, or both. These examinations may be written or oral. The comprehensive exam and the final defense may not be taken prior to the quarter during which coursework is completed.

Special degree completion requirements apply to students completing a thesis or project. These students should check with their graduate program coordinator or graduate advisor for details.

**COMPREHENSIVE EXAMINATION AND THESIS OR PROJECT DEFENSE**

Many master's degree programs at SOU require that students pass a final comprehensive examination covering the required work for the master's degree. The type of examination differs depending on the program and major; it may be written, oral, or a combination of both. Frequently, the comprehensive examination is based on a focused bibliography that reflects the program coursework. Or it may support the final project or thesis and is accomplished before completing the project or thesis.

Students should check with their advisor regarding the particular defense requirements of the program. The student typically defends the project or thesis during the final quarter of coursework for the degree. However, in special instances, other arrangements may be made with permission from the school or college graduate coordinator and school or college dean.

**RETAKING A COMPREHENSIVE EXAMINATION**

If a student fails all or part of the comprehensive examination or the project or thesis defense, the examining committee specifies the conditions under which it may be retaken and notifies the graduate coordinator and school or college dean of these conditions. Ordinarily, these exams may not be retaken until there has been sufficient time for additional study, reading, or mastery of subjects. A student may take these examinations a maximum of three times each. The graduate coordinator is notified each time the examination is retaken so preparations can be made and forms completed.

**General Information**

See the introductory section of the catalog for information on accreditation, fees and deposits, housing, financial aid, and student services.

**COMMENCEMENT**

In mid-April, the Office of the Registrar sends commencement information to students who have completed their degrees during the previous summer, fall, and winter quarters and to those who have been cleared by the school or college dean's office to complete requirements during spring quarter. Students scheduled to complete a degree during the post-commencement Summer Session or fall term may participate in the commencement ceremony if they have written verification of a completion date from their advisor and graduate program coordinator.

**STUDENT HANDBOOKS**

Detailed information on policies and procedures may be available in student handbooks provided by specific graduate programs or by the Graduate Council. Contact the program coordinator or the dean's office for information and handbooks.

## Program Regulations and Procedures

### STUDENT RESPONSIBILITY

Graduate students are expected to know the requirements for the programs they undertake. While the University assists each student as much as possible, the responsibility for any error in enrollment or misinterpretation of rules rests with the student.

### RIGHT OF APPEAL

If the student elects to make an appeal, the Appeals Committee shall include the following individuals: the student's advisor; the department chair, school or college dean, or school or college graduate coordinator; and the Graduate Council chair. In the case of a professional breach of ethics, an appeal is handled within the department according to established procedures.

Students may exercise their right of appeal for charges of violations through procedures outlined in the *Student Rights and Responsibilities Handbook*.

### STUDENT CONDUCT CODE

Students are expected to conduct themselves in a mature, professional, and civil manner and must abide by the Proscribed Conduct guidelines listed under Student Responsibilities on the SOU website.

### PROFESSIONAL ETHICS

Graduate students are expected to honor standards of ethical practice appropriate to academic life.

The Graduate Council considers the following to be examples of flagrant violations: cheating, plagiarism, forgery, physical abuse or threat of physical abuse against University personnel, theft of University property, and unauthorized entry into or use of SOU-controlled property.

Individual graduate degree programs may have additional ethical guidelines. It is the student's responsibility to be familiar with and abide by such guidelines. When a department's faculty decide a student has failed to meet professional standards, they are responsible for identifying, remediating, or dismissing the student. Each department has an established procedure for handling such issues.

Candidacy for the graduate degree may be denied, suspended, or revoked should it be established that an individual has become a discredit to his or her peers by dishonoring the profession through any flagrant violation of the ethics of scholarship and higher learning.

### Course Exclusions

### COURSE-RELATED REQUIREMENTS

Only 500-level courses count toward a master's degree.

The master's degree programs in elementary education and secondary education require students to earn at least 24 credits in courses restricted to graduate students.

### WORKSHOP CREDIT AND PRACTICUM

A maximum of 9 hours of workshop or practicum credit may be included in a graduate program only with advisor consent.

### EXTENSION CREDIT AND OTHER FORMS OF NONTRADITIONAL COURSEWORK

Extension credit and other forms of nontraditional coursework (e.g., online courses and two-way television) may be included in a graduate program only with advisor consent.

### CORRESPONDENCE COURSES

Correspondence study may not be used in a master's degree program.

### CREDIT BY EXAMINATION, IN-SERVICE, PROFESSIONAL GROWTH COURSES, AND CONTINUING PROFESSIONAL EDUCATION

Graduate credit by examination, in-service, professional growth courses, and continuing professional education courses are not acceptable in school or college area graduate programs.

### PRIOR AND TRANSFER CREDIT LIMITATIONS

A student may include only 15 quarter credits of approved graduate coursework taken prior to regular admission to a master's degree program at the University. This limitation applies to coursework taken at Southern Oregon University and coursework transferred from other institutions. Such courses must be appropriate for the master's degree program to which the student is admitted and must be approved by the major advisor, the school or college graduate coordinator, and the school or college dean. No more than 6 quarter credits of prior or transfer credit may be from a previous master's program. All transfer credit must be supported by official transcripts sent directly from the school of origin to the Office of Admissions.

Acceptance of any transfer credit is the prerogative of the degree-granting institution.

### TIME LIMITATION AND OUTDATED COURSES

All courses included in the SOU program for a master's degree must be seven years old or less at the time the degree is completed. However, with the approval of the Office of Graduate Studies, up to 12 credits of courses over seven years old but less than ten years old at degree completion may be included if they have been updated and validated by the academic department and approved by the school or college dean. Upon program completion, courses taken ten years ago or longer must be replaced even if they have previously been updated. Forms for course updates are available from the graduate coordinator or school or college dean's office.

### OPEN-NUMBERED GRADUATE COURSES

No more than 21 credits of open-numbered courses may be included in a 45-credit program. Open-numbered courses do not have a catalog description; they include the following: 501, 504, 505, 506, 507, 508, 509, and 510 Special Topics. Thesis (503) is not considered an open-numbered course.

### Graduate Council

The mission of the Graduate Council is to support and advise graduate studies and their constituents at SOU. The policies and procedures of the graduate programs at SOU are established and periodically reviewed by the Faculty Senate on recommendations of the Graduate Council, which comprises faculty, students, and administrators.

### Graduate Faculty

#### COMPOSITION OF THE GRADUATE FACULTY

The president, provost, associate provost, and school or college deans are *sui generis* members of the graduate faculty. Qualified faculty and professionals are eligible for nomination to the graduate faculty by the department chair, with final approval by the dean, and may serve for five years in the capacity of Graduate Faculty, Associate Graduate Faculty, or Adjunct Graduate Faculty. Appointments to the graduate faculty are submitted by the dean to the chair of the graduate council for review by the council and ratification by the faculty senate. Appointments to the graduate faculty are renewable.

#### GRADUATE FACULTY

All full-time faculty with the academic rank of professor, associate professor, assistant professor, or instructor who have a terminal degree or equivalent in their discipline and have demonstrated a continuing commitment to scholarship and professional growth are eligible for appointment to the graduate faculty. A graduate faculty member may teach a range of graduate classes in the graduate program and may serve as either a chair or a committee member of a thesis or other graduate committee.

#### ASSOCIATE GRADUATE FACULTY

Visiting professors appointed to the faculty, part-time faculty, and regular faculty who are not appointed as graduate faculty may be invited to serve as associate graduate faculty. Associate graduate faculty members may teach specific graduate classes and may serve as members of a thesis or graduate committee, but they may not chair a thesis or graduate committee.

#### ADJUNCT GRADUATE FACULTY

Professional and other subject matter experts who are not members of the faculty may be named members of the adjunct graduate faculty and may serve as guest lecturers or instructors in graduate classes or as thesis or graduate committee members.

## **Master of Business Administration (MBA): A Saturday Cohort Program**

541-552-8203 (Ashland Office)

541-552-8151 (Medford Office)

sou.edu/mba

Donna Lane, MBA Coordinator

The SOU Saturday MBA program offers an innovative approach to meeting the needs of working professionals who wish to pursue an advanced degree in business but whose busy work and personal schedules make attending evening or weekday graduate courses difficult. The Saturday MBA is a seven-term, 21-month program featuring a highly interactive and practical approach to learning. The ability to work closely with faculty, fellow participants, and executives provides tremendous networking opportunities.

### **Admission Criteria**

In addition to possessing a bachelor's degree in any field from an accredited college or university, applicants will normally be expected to meet the following criteria to be considered for admission:

1. undergraduate GPA of 3.0 or above in the last 90 quarter hours (60 semester hours) toward a baccalaureate degree (or toward a graduate degree program), or
2. GMAT score of 500 or above taken within the last five years.

All applications will be reviewed by the MBA selection committee. Applicants not meeting the admission requirements detailed above may be considered for conditional admission and required to interview with the MBA selection committee. Conditional applicants will only be offered admission if they receive favorable recommendations from the MBA selection committee and if admission slots are available.

Applicants admitted as conditional students must have a minimum cumulative GPA of 3.0 in MBA coursework at the end of their second term in the program. Anyone whose cumulative GPA is below 3.0 after two terms will not be allowed to continue in the program.

### **Program Curriculum**

The 45-credit MBA program curriculum consists of the following components:

1. The Cornerstone Experience (6 credits)
 

Global Leadership (MBA 510).....	3
Critical Thinking and Expression (MBA 511).....	3
2. Foundation courses (6 credits)
 

Managerial Accounting for Decision Making (MBA 516) .....	3
Applied Economics and Financial Analysis for Business (MBA 520) .....	3
3. Core courses (22 credits)
 

Information Systems (MBA 515) .....	3
Marketing Management and Strategies (MBA 512).....	3
Advanced Organizational Behavior (MBA 575) .....	3
Strategic Operations Management (MBA 514).....	3

Graduate Research Project (MBA 519).....	3
Legal Issues in Business and Management (MBA 521).....	3
Financial Management Practices (MBA 585)....	3
Ethics (MBA 509) .....	1
4. Approved graduate electives (8 credits)	
5. Graduate capstone course (MBA 590) (3 credits)	

### **Transfer Credits**

A student may include up to 15 quarter credits of approved graduate coursework taken prior to regular admission to the MBA program. See program coordinator for details.

### **Program Prerequisites**

Although no particular major is required for admission, participants not having earned a business degree or completed the equivalent business courses may be required to demonstrate proficiencies in the areas of accounting, elementary statistics, economics, and/or computer applications. Participants may demonstrate their proficiencies in the above areas through testing or enrollment in the corresponding prerequisite course(s). All testing and required prerequisite courses must be completed by the end of winter term in the first year of the program. Failure to complete the required prerequisite courses will result in termination of the program.

### **Program Format**

The Saturday MBA program is designed on a cohort model: all participants start and proceed through the program together. Course delivery consists of dynamic interaction in face-to-face sessions and high-quality online instruction, depending on course topics and objectives.

### **Advising**

The MBA program coordinator is responsible for advising participants and assisting with course enrollment. Because courses are offered in a cohort format, it is imperative that participants follow the established course sequencing. Anyone who deviates from the cohort course sequencing will not be allowed to continue with their cohort.

### **Graduation**

All MBA coursework must be completed with a minimum GPA of 3.0 in order to qualify for graduation. The Saturday MBA program coordinator provides information regarding graduation processes and procedures.

### **Grading**

All MBA courses must be taken for a letter grade (P/NP option will not be accepted). Credit toward the degree will not be assigned for any course with a final grade lower than a C.

### **Academic Probation**

MBA candidates must maintain a cumulative GPA of at least 3.0 throughout the program. If a candidate's cumulative GPA falls below 3.0, the candidate will be placed on academic probation and be notified by the program coordinator. Any candidate placed on academic probation must petition the school dean for permission to continue in the program. If permission is granted, a cumulative GPA of 3.0 or above must be achieved by the candidate by the following term. Candidates not meeting this requirement will be terminated from the program. Candidates placed on academic probation a second time will automatically be terminated from the program.

If permission is granted, a cumulative GPA of 3.0 or above must be achieved by the candidate by the following term. Candidates not meeting this requirement will be terminated from the program. Candidates placed on academic probation a second time will automatically be terminated from the program.

### **Application Procedures**

The deadline to apply for admission to the Saturday MBA program is March 1. While applications are accepted throughout the year, applications will only be reviewed at the official deadline. Once the fall cohort is full, any additional qualified applicants will be placed on a waiting list. If places are not available, candidates may reapply for the cohort starting the following year. To apply to the Saturday MBA program, each applicant is required to fulfill the following admission requirements for SOU and the Saturday MBA program:

#### **Admission to SOU**

Submit the following to the SOU Office of Admissions, Southern Oregon University, 1250 Siskiyou Boulevard, Ashland, Oregon 97520.

1. completed SOU Application for Graduate Study with application fee
2. official transcripts from all universities or colleges attended for credit

#### **Admission to the Saturday MBA program**

Submit the following to the Saturday MBA program office, School of Business, Southern Oregon University, 1250 Siskiyou Boulevard, Ashland, Oregon 97520.

1. completed application for the Master in Business Administration (sou.edu/business/mba)
2. two evaluation forms completed by professors or employers
3. statement of purpose (400 words maximum)
4. professional resumé
5. GMAT test scores (500 or above), taken no more than five years previously, if necessary (see admission criteria)
6. for international students, a TOEFL score of at least 540 (paper), 207 (computer), or 76 (Internet)

### **Master of Business Administration Courses**

#### **GRADUATE COURSES**

##### **MBA 509 Ethics**

1 credit

Introduces contemporary issues of ethics and corporate social responsibility (CSR) facing the business community through case studies, class presentations, and guest speakers.

##### **MBA 510 Global Leadership**

3 credits

Examines a variety of leadership styles from different countries to illustrate how leadership theories and practices are affected by culture. Topics such as contract negotiations, human resource management, and employee motivation, recruitment, and retention are addressed from an international perspective.

**MBA 511 Critical Analytical Thinking and Communication**

3 credits

In a small-group setting, students analyze, debate, write, and present a variety of topics affecting managers. Develops the ability to make effective oral and written arguments.

**MBA 512 Marketing Management and Strategies**

3 credits

Students learn how to plan and implement effective marketing strategies through case analysis and research in strategic applications. Emphasizes best practices to successfully address marketing challenges faced by actual businesses.

**MBA 514 Strategic Operations Management**

3 credits

Students apply contemporary operations management techniques and tools to realistic business situations. Case studies and computer-based models are utilized as decision-making tools.

**MBA 515 Information Systems**

3 credits

Examines the role of information systems (IS) in contemporary business organizations. Provides an overview of key information systems and technologies. Emphasizes the management behavior, knowledge, and skills necessary to participate in making decisions about information systems. Also introduces current trends and drivers, including emerging technologies that affect the present and future of information systems.

**MBA 516 Managerial Accounting for Decision Making**

3 credits

Explores the accounting function of an organization from a managerial perspective. Students gain an understanding of cost characteristics, cash flows, and reporting; the appropriate application of costs in decision-making; and the behavioral ramifications and interdependency of accounting within the organization as a whole.

**MBA 519 Graduate Research Project**

3 credits

Focuses on the roles and techniques of research in retail, service, community, and industry settings. Research methods and procedures such as design, data collection, analysis, and recommendations are applied to an actual organizational situation.

**MBA 520 Applied Economics and Financial Analysis for Business**

3 credits

Explores fundamental concepts of microeconomics (market equilibrium, firm and consumer behavior, and industry structure and competition) as a means of understanding and analyzing business problems. Basic macroeconomic models are developed to help explain long-run trends and short-run fluctuations in key macroeconomic variables: GDP, inflation, interest rates, wage and profit rates, and budget deficits. Applies the basic principles of finance theory to decisions facing the corporate manager.

**MBA 521 Legal Issues in Business and Management**

3 credits

Acquaints students with fundamental legal concepts affecting organizations through case studies and guest speakers. Concepts are discussed within a general managerial framework with distinctions made for private, nonprofit, and governmental entities. Major topics covered include tort liability, contracts and legal agreements, intellectual property rights, administrative law, individual liability, and legal economics/ADR applications. Management law covered includes employment issues such as wrongful non-hiring and termination, discrimination, ADA (disabilities), sexual harassment, and similar issues.

**MBA 575 Advanced Organizational Behavior**

3 credits

Explores individual behavior, group behavior, and organizational systems. Topics covered (from theoretical and practical perspectives) include understanding people, motivation, group dynamics, communication, leadership, power, politics, conflict, diversity, culture, decision making, change, and organizational structure.

**MBA 585 Financial Management Practices**

3 credits

Explores essential financial theory and develops applications in the areas of valuation of assets, financing decisions, risk assessment, and short-term asset and liability management. Develops the abilities to compare and value uncertain cash flows; evaluate the costs and risks of financing from stocks, bonds, and entrepreneurial sources; and manage short-term capital.

**MBA 590 Capstone**

3 credits

Students work on applied team projects on behalf of regional organizations to apply the knowledge learned in the MBA program to an actual client situation. Prerequisite: Successful completion of all cornerstone, foundation, and core courses.

***Master of Science in Environmental Education***

Science 219A

541-552-6797

Program Director: Stewart Janes

This program serves students seeking careers that require a scientific understanding of the natural world, awareness of the environmental problems affecting present and future generations, and the skills needed to become effective educators. The MS in Environmental Education program is designed to help students acquire scientific knowledge and professional skills in preparation for careers devoted to formal and informal education, sustainable resource use, protection of biodiversity, and preservation of wildlands. Graduates find jobs as teachers in school and field settings; as interpretive naturalists in museums, nature centers, and parks; and as environmental advocates working with governmental and nongovernmental organizations to educate the public. Graduates par-

ticipate as responsible and informed citizens promoting wise policy decisions affecting the environment.

To enter the program, applicants need at least 20 quarter credits (or 13 semester credits) in the natural sciences, as approved by a director of the environmental education program. Students admitted to the program or admitted as postbaccalaureate students intending to enter the program should meet with the program director before taking classes. Instructions for application may be found on the Environmental Education website. Application materials include the graduate application to SOU, a letter of intent, official GRE scores, official transcripts, and three letters of recommendation. Applications are reviewed on January 15, April 15, and October 15. It is recommended that students begin the program by taking Curriculum, Instruction, and Assessment (ED 557) and Environmental Issues (ED 528) during Summer Session. This should allow for successful completion of the program by the end of fall term the following academic year.

The curriculum consists of 52 graduate credits, 34 of which are core credits, distributed as follows:

**Required Courses**

(34 credits)

Concepts of Environmental Education (EE 524).....	3
Special Methods in Environmental Education (EE 525).....	2
Trends in Environmental Education (EE 526).....	2
Place-Based Curriculum Development (EE 527).....	3
Environmental Issues (EE 528).....	4
Practical Applications in Environmental Education (EE 593).....	2
Leadership in Environmental Education (EE 594)....	4
Teaching in Environmental Education (EE 595)....	4
Selected Topics in Environmental Education (EE 507).....	1
Curriculum, Instruction, and Assessment I (ED 557).....	3
Curriculum, Instruction, and Assessment II (ED 557).....	3
Human Development, Cognition, and Learning (ED 562) .....	3
Complete 14-18 credits from the following courses:	
Physiological Ecology of Animals (BI 513).....	4
Advanced Animal Physiology (BI 514).....	4
Mammalogy (BI 515) .....	4
Biological Illustration (BI 530).....	3
Origins and Diversity of Land Plants (BI 532).....	4
Plant Systematics (BI 533).....	4
Plant Form and Function (BI 534).....	4
Origins and Diversity of Protists and Fungi (BI 536).....	4
Conservation Biology (BI 538).....	3
Bryology (BI 542).....	4
Vascular Plant Identification and Field Botany (BI 544) .....	3
Evolution (BI 546).....	4
Fish and Fisheries (BI 550) .....	4
Plant Ecology (BI 554).....	4
Entomology (BI 566) .....	4
Herpetology (BI 570).....	4
Ornithology (BI 571).....	4
Aquatic Ecology (BI 575).....	4

Animal Behavior (BI 580)..... 4  
 Other appropriate graduate coursework from other sciences or Environmental Studies approved by program director.

Select 0-4 credits from outside the sciences (examples of potential courses include the following, although other courses may be used subject to advisor approval):

Conflict Resolution (COMM 555) ..... 4  
 Introduction to Geographic Information Systems (GEOG 551)..... 4  
 Leadership and Management (PE 548) ..... 3  
 Public Policy and the Environment (PS 528)..... 4  
 Group Dynamics and Training (PSY 538)..... 4

## Program Options

For those intending to work with a nonprofit organization or initiate their own program, the Certificate in Nonprofit Management provides vital skills and experiences. The Certificate in Nonprofit Management may be earned with only 18 credits in addition to those required by the Environmental Education master's program. Refer to the Certificate section of the catalog for a complete description of the program.

## Environmental Education Courses

### GRADUATE LEVEL COURSES

#### EE 501 Research

Credits to be arranged.

#### EE 503 Thesis

Credits to be arranged.

#### EE 507 Selected Topics in Environmental Education

1 credit

Explores current topics in environmental education. Presented at Deer Creek Center for Field Research and Education. Offered in conjunction with EE 594 and 595.

#### EE 524 Concepts in Environmental Education

3 credits

Explores the field of environmental education from its beginnings to the present. Considers the diversity of goals and practices in environmental education, including place-based education. Students visit, research, and evaluate environmental education programs and curricula, including both local and national programs. Includes field trips to local programs.

#### EE 525 Special Methods in Environmental Education

2 credits

Designed to complement ED 557. Considers current educational methods for the classroom and adapts them for environmental educators in diverse settings, especially the field. Additional topics include the creation of field-based activities and interpretive signage. Corequisite: ED 557.

#### EE 526 Trends in Environmental Education

2 credits

Focuses on environmental education as a profession. Analyzes current literature to evaluate trends within the field. Explores how professional environmental educators contribute to the development of the field, including research and publications.

#### EE 527 Place-Based Curriculum Development

3 credits

Studies the physical and biological environment at Deer Creek center for Field Research and Education or another site in the Klamath-Siskiyou bioregion. Students investigate patterns of natural resource use by the community. This knowledge is then used to generate a place-based curriculum for implementation at the field station. Overnight field trips required.

#### EE 528 Environmental Issues

4 credits

Investigates relevant environmental issues important to today's environmental educators. Prepares future environmental educators to address a wide range of local, regional, and global issues facing society. Areas of study include the loss of biodiversity and strategies for preservation and recovery of threatened species, management of natural resources in a sustainable manner, and global issues affecting the welfare of human population and the biosphere.

#### EE 593 Practical Applications of Environmental Education

2 to 4 credits

Focuses on using the field as a classroom. Students work closely with environmental educators in either a nonprofit organization or local, state, or national government agency to develop and present activities and curricula for a variety of audiences.

#### EE 594 Leadership in Environmental Education

2 to 4 credits

Students manage an educational program at Deer Creek Center for Field Research and Education. Includes marketing, communication with participants, coordinating and scheduling programs, and developing resources for future classes. Involves part-time residence at the field station. Prerequisites: EE 525 and 527.

#### EE 595 Teaching in Environmental Education

2 to 4 credits

Students present and assess an educational program at Deer Creek Center for Field Research and Education involving a variety of audiences. Teaching is supervised by qualified faculty members. Involves part-time residence at the field station. Prerequisites: EE 525 and 527.

## Master in Management

541-552-8283

sou.edu/mim

Hart Wilson, Program Manager

Southern Oregon University's Master in Management program (MiM) is designed to enhance the skills of management professionals working in government, business, health care, and nonprofit organizations. Participants acquire the skills necessary to advance in their fields while continuing to work. The program offers a rich academic environment that combines fundamental leadership principles and specific management skills with a broad range of conceptual and applied perspectives.

## Admission Criteria

This program is oriented toward people who are working or aspiring to work as leaders and managers in business, government, health care, or nonprofit organizations. Admission to the program is based on criteria that best predicts success within these career tracks.

### Admission Requirements Include:

1. A baccalaureate degree from an accredited college or university. No specific academic or technical field is stipulated.
2. At least three years of increasingly responsible experience working full time at the management level. This is measured by such criteria as the number of people supervised, the size of budget for which the applicant has been responsible, and the degree of decision-making autonomy.
3. Evidence of writing skills appropriate to the graduate level.

Program applications are reviewed by an admissions committee comprising senior administrators and faculty. Evaluation is based on the program application form, three letters of reference, transcripts, a written 400-word statement of purpose, and other relevant materials. There are no entrance examinations required for applicants who meet the experience requirement.

An appropriate score on the GRE or GMAT may be accepted in lieu of managerial experience at the discretion of the MiM Admissions Committee.

## Curriculum

The 45-51 credit MiM curriculum includes the following:

1. A set of interdisciplinary core courses and two 1-credit seminars totaling 26 credits. These courses and seminars are designed to impart universal management skills.

Budget and Finance (MM 512) ..... 3

Strategic Management (MM 513) ..... 3

Practical Research, Analysis, and

Decision Making (MM 514) ..... 3

Management Information Systems (MM 515) ..... 3

Organizational Leadership and

Communication (MM 516) ..... 3

The Human Resource Environment (MM 517) ..... 3

Marketing for Public and Private

Organizations (MM 518) ..... 3

Legal Issues in Management (MM 519) ..... 3

Orientation to Graduate Study for the

Management Professional (MM 520) ..... 1

Society, Ethics, and Management (MM 521) ..... 1

2. At least 16 elective credits in an area of management specialization. Students determine appropriate courses in consultation with the program manager.

3. A 3-credit capstone project designed to demonstrate a comprehensive command of professional competencies learned in the program.

4. At the discretion of the program director, 3 to 6 credits in supplementary coursework beyond the 45-credit minimum may be added to the participant's course of study.

## Delivery

The Master in Management program is structured and scheduled to accommodate students who are working full time. Core courses are offered in the evenings in Medford with occasional Saturday sessions held on the Ashland campus. Many elective courses are also available as evening sessions in Medford. Online technology is used to supplement class sessions and all students are expected to have access to the Internet.

## Prerequisites

Course prerequisites for the MiM core curriculum are in effect for three courses. Orientation to Graduate Study for the Management Professional (MM 520) is a prerequisite for Society, Ethics, and Management (MM 521). Research (MM 514) requires the successful completion of at least 15 credits of MiM coursework. Research (MM 514) is a prerequisite for Capstone (MM 598). Supplementary coursework may be recommended on a case-by-case basis through the advising process. Some electives may have specific course prerequisites.

Transfer of credit for graduate coursework completed prior to admission to the MiM program is evaluated for acceptance on a case-by-case basis, consistent with existing SOU policy. Up to 15 credits of graduate work may be applied toward the degree as transfer credits from an accredited institution.

## Application and Admission

Candidates for the MiM program must complete a program application and apply to SOU for graduate admission. Applications are available at SOU's Division of Continuing Education Office in Ashland, the SOU Medford Campus, or the MiM Program Office on the Ashland campus. A combined University and program application is available online at the Master in Management website ([sou.edu/mim](http://sou.edu/mim)).

Application to the MiM program may be made for any term. It is recommended that candidates apply at least thirty days prior to the beginning of the term for which they wish to enroll. Qualified candidates may be enrolled as nonadmitted students at the discretion of the program administration and individual course instructor. A maximum of 7 credits of MiM-sponsored courses may be taken by a nonadmitted student.

## Master in Management Courses

### GRADUATE COURSES

#### MM 509 Practicum

Credits to be arranged (no more than 6 credits may be applied toward the MiM degree)

Allows students to customize their education by attending professional workshops, seminars, or conferences. At the discretion of the program administration, practicum credit may also be earned for serving as a teaching assistant or implementing special projects. Approval for practicum credit is made at the sole discretion of the program administration. Practicum experiences must result in learning activities and a written report appropriate to the graduate level. Prerequisite: Program manager consent.

#### MM 512 Budget and Finance

3 credits

Familiarizes managers with the role of budgeting and the budgeting process in diverse organizations. Students develop an appreciation for both the theory and application of financial practices to aid in their fiscal decision making. It is recommended that students have an understanding of basic accounting concepts prior to enrolling in this course.

#### MM 513 Strategic Management

3 credits

Introduces students to advanced strategic management concepts in successful organizations, including the emerging field of sustainability and its influence on organizational strategy and leadership. Students develop an understanding of how to use strategic management tools to initiate and implement problem-solving processes in dynamic and diverse environments. An in-depth case analysis allows students to demonstrate their understanding of key strategic management principles.

#### MM 514 Practical Research, Analysis, and Decision Making

3 credits

Examines the relationship between practice and research in organizational decision making. Students acquire the skills and understanding necessary to critically review and competently interpret research findings in a decision-making context. Prerequisite: Successful completion of at least 15 hours of core coursework.

#### MM 515 Management Information Systems

3 credits

Provides a broad overview of the role of Management Information Systems (MIS) in organizations. Describes the diverse technical, managerial, and professional knowledge of an MIS manager at a level appropriate for a non-MIS manager. Emphasizes both the data component of information systems and the management behavior, knowledge, and skills necessary to successfully manage an organization employing MIS. Also introduces current trends and drivers, including emerging technologies that affect the present and future of information systems.

#### MM 516 Organizational Leadership and Communication

3 credits

Surveys the theoretical frameworks, empirical literature, and requisite skills associated with effective organizational leadership and communication. Examines questions of bureaucracy, culture, power, reciprocal influence, employee involvement, and other central issues from an organizational and communicative perspective.

#### MM 517 The Human Resource Environment

3 credits

Focuses on critical issues and strategic questions managers need to understand in order to manage employees effectively. Emphasizes applied skills relevant to managing employees, including recruitment, selection, compensation, evaluation, and employee development.

#### MM 518 Marketing for Public and Private Organizations

3 credits

Details the planning and implementation of marketing activities, marketing research, and effective evaluation of marketing strategies. Students develop an understanding of what is required to succeed and to achieve a competitive advantage within a framework of ethical marketing practices.

#### MM 519 Legal Issues in Management

3 credits

Acquaints the manager with basic legal concepts in the field of liability, including personal injury, malpractice, product liability, and the available defenses. Students are introduced to the ways contracts are formed, including their development, problems, and pitfalls. An introduction to basic employment law and concepts covers the fundamentals defining wrongful termination and the practical ways employers can protect themselves. Presents an overview of arbitration and alternative dispute resolution.

#### MM 520 Orientation to Graduate Study for the Management Professional

1 credit

A gateway course required for all entering participants in the Master in Management program. Provides a means for students and faculty to discuss expectations for the program and to become familiar with the graduate school experience. Emphasizes exposure to academic culture, practices, and the unique structure and design of the MiM program. Establishes a common context for examining the practice of leadership in diverse organizations.

#### MM 521 Society, Ethics, and Management

1 credit

Considers the relationship between common management values and those held by society as a whole, as well as various groups that comprise our diverse social milieu. Students, faculty, and community professionals are brought together to describe, critique, and evaluate the connections between management principles and contemporary issues from a variety of perspectives. Prerequisite: MM 520.

#### MM 530A Nonprofit Grantwriting and Government Relations

2 credits

Surveys nonprofit managers' primary areas of responsibility, including strategic planning, organizational change and development, locating and securing grants, and developing outcome-based assessment tools. Emphasizes assessing and evaluating grant-based programs. (Cross-listed with PS 530A and BA 430A.)

#### MM 530B Nonprofit Volunteerism, Board Development, and Community Mobilization

2 credits

Surveys nonprofit managers' primary areas of responsibility in leading volunteers and volunteer management. Emphasizes the importance of strategically mobilizing community involvement. (Cross-listed with PS 530B and BA 430B.)

**MM 540 Topics in Management**

1 to 4 credits

Focuses on selected topics in leadership and management theory and practice. Past offerings have included Emotional Intelligence and Managerial Excellence (4 credits); Fundamentals of Project Management (4 credits); and Introduction to Organizational Coaching (1-2 credits). Repeat credit is allowed for different topics. A complete listing of courses taught under this title is available on the MiM website.

**MM 598 Capstone Project**

3 credits

Serves to confirm comprehensive management competency in an applied setting. Requires students to implement projects consistent with their career interests and objectives that will demonstrate their mastery of skills acquired from the program's core course offerings. Student proposals are developed through the research course (MM 514). Prerequisite: MM 514 or permission of capstone instructor.

## Student Services

**Student Affairs Office**

Stevenson Union 322

541-552-6221

[sou.edu/studentaffairs](http://sou.edu/studentaffairs)

**Academic Advising and Support Services**

Stevenson Union 134

541-552-6213

[sou.edu/access](http://sou.edu/access)

**Bookstore**

Stevenson Union (main floor)

541-552-6178

[sou.edu/bookstore](http://sou.edu/bookstore)

**Campus Public Safety**

382 Wightman

541-552-6258 (Emergency: 552-6911)

[sou.edu/security](http://sou.edu/security)

**Career Development Services**

Involvement Center, Stevenson Union 312

541-552-6461

[sou.edu/careers](http://sou.edu/careers)

**Community-Based Learning**

Involvement Center, Stevenson Union 312

541-552-6183

[sou.edu/cbl](http://sou.edu/cbl)

**Commuter Resource Center**

Redford, Stevenson Union (main floor)

541-552-8238

[sou.edu/crc](http://sou.edu/crc)

**Disability Services for Students**

Academic Advising and Support Services

541-552-6213

[sou.edu/access/dss](http://sou.edu/access/dss)

**Distance Learning**

Extended Campus Programs Building

541-552-6331

[sou.edu/distancelearning](http://sou.edu/distancelearning)

**Enrollment Services Center**

Britt Hall

541-552-6600

[sou.edu/enrollment](http://sou.edu/enrollment)

**Ronald E. McNair Postbaccalaureate Achievement Program**

Taylor Hall 125

541-552-8310

[sou.edu/mcnair](http://sou.edu/mcnair)

**Medford Campus**

229 North Bartlett Street

Medford 97501

541-552-8100

[sou.edu/medford](http://sou.edu/medford)

**Multicultural Affairs**

Stevenson Union

541-552-6651

[sou.edu/multicultural](http://sou.edu/multicultural)

**Multicultural Resource Center**

Stevenson Union 301

541-552-8793

[sou.edu/mrc](http://sou.edu/mrc)

**National Student Exchange**

Dean of Students

Student Affairs/Stevenson Union 322

541-552-6221

[nse.org](http://nse.org)

**Queer Resource Center (QRC)**

Stevenson Union (lower level)

541-552-8329

[sou.edu/qrc](http://sou.edu/qrc)

**Residential Education and Services**

Cox Hall

541-552-6371

[sou.edu/housing](http://sou.edu/housing)

**Schneider Children's Center**

Old Mill Village

1361 Quincy Street

541-552-8224

[sou.edu/scc](http://sou.edu/scc)

**James K. Sours Student Leadership Center**

Involvement Center, Stevenson Union 312

541-552-6461

[sou.edu/sal/slc.html](http://sou.edu/sal/slc.html)

**Stevenson Union Facilities**

Student Activities and Leadership Office

Involvement Center, Stevenson Union 312

541-552-6461

[sou.edu/su](http://sou.edu/su)

**Student Activities and Leadership**

Involvement Center, Stevenson Union 312

541-552-6461

[sou.edu/sal](http://sou.edu/sal)

**Student Health Services**

Student Health and Wellness Center

541-552-6136

[sou.edu/health](http://sou.edu/health)

**Success at Southern**

1056 Henry Street

541-552-6062

[sou.edu/success](http://sou.edu/success)

**Sustainability Council/Green SOU**

Larry Blake, Chair

541-552-6233

[sou.edu/sustainable](http://sou.edu/sustainable)

**Women's Resource Center**

Stevenson Union (lower level)

541-552-6216

[sou.edu/wrc](http://sou.edu/wrc)

## Student Activities and Leadership Programs

**Student Activities and Leadership Office**

Involvement Center, Stevenson Union 312

541-552-6461

[sou.edu/sal](http://sou.edu/sal)

**Athletics**

McNeal 138

541-552-6772

[sou.edu/athletics](http://sou.edu/athletics)

**CLUB SPORTS**

[sou.edu/athletics](http://sou.edu/athletics)

**INTRAMURAL SPORTS**

[sou.edu/athletics](http://sou.edu/athletics)

**VARSITY SPORTS**

[sousports.com](http://sousports.com)

**Ecology Center of the Siskiyous**

Stevenson Union 105

541-552-8512

[sou.edu/ecos](http://sou.edu/ecos)

**Galleries**

Department of Art and Art History

Art Building 117

541-552-6386

[sou.edu/art](http://sou.edu/art)

**SCHEIDER MUSEUM OF ART**

541-552-6245

[sou.edu/sma](http://sou.edu/sma)

**STEVENSON UNION GALLERY**  
 Student Activities and Leadership  
 Involvement Center  
 Stevenson Union 312  
 541-552-6461  
[sou.edu/su/sal](http://sou.edu/su/sal)

**KSOC**  
 Stevenson Union 127  
 541-552-8762  
[ksoc.net](http://ksoc.net)

**Music**  
 Department of Music  
 Music Building  
 541-552-6548  
[sou.edu/music](http://sou.edu/music)

**Outdoor Program**  
 McNeal Hall  
 541-552-6470  
[oregonrafting.org/souodp](http://oregonrafting.org/souodp)

**Residence Hall Association**  
 Residential Education and Services  
 Cox Hall  
 541-552-6369

**Student Activities Program Board**  
 Involvement Center  
 Stevenson Union 312  
 541-552-6461  
[sou.edu/su/sal](http://sou.edu/su/sal)

**Student Government**  
 Associated Students of SOU  
 James K. Sours Student Leadership Center  
 Stevenson Union 308  
[sou.edu/su/assou](http://sou.edu/su/assou)

#### **Student Publications**

**SISKIYOU NEWSPAPER**  
 Stevenson Union 335-336  
 541-552-6307

**STUDENT PUBLICITY CENTER**  
 Stevenson Union 303A  
 541-552-6495  
[sou.edu/su/sal](http://sou.edu/su/sal)

**WEST WIND REVIEW**  
 Stevenson Union 333  
 541-552-6518  
[home.sou.edu/~westwind](http://home.sou.edu/~westwind)

**Theatre Arts**  
 Department of Theatre Arts  
 Theatre Building  
 541-552-6689  
[sou.edu/theatre](http://sou.edu/theatre)

# **Academic Outreach and Enrichment**

**Division of Continuing Education**  
 Extended Campus Programs Building  
 541-552-6331  
[sou.edu/dce](http://sou.edu/dce)

#### **Lecture Series**

The following endowed lecture series chairs have been established through the SOU Foundation.

#### **SCHOOL OF BUSINESS**

*Ashland Daily Tidings Chair in Advertising*

Endowed by the Albany Democrat Herald newspaper and the Capital Cities Foundation. Advertising industry leaders conduct workshops and lead discussions on contemporary issues in advertising.

*Glenn L. Jackson Chair on Business Ethics*

Endowed by Cynthia Ford in memory of her father, Glenn L. Jackson. Business leaders bring to the campus and community an astute awareness of current ethical problems in the national and international business environment.

*Tyran Chair on the Free Enterprise System*

Endowed by Ben and Jeanne Tyran. Leaders speak about the opportunities provided to the individual by the free enterprise system and its benefits to society.

#### **COLLEGE OF ARTS AND SCIENCES**

*Daniel Meyer Memorial Chair*

Endowed by Al and Margaret Meyer. This chair provides for two annual health enhancement lecture series—one series emphasizing health-related fitness areas, the other focusing on drug and alcohol education.

*Florence Hemley Schneider Chair*

Endowed by William and Florence Schneider. The charge of this chair is to demonstrate the ability of the social sciences to improve social decisions by empowering individuals. Speakers are encouraged to meet with students in small workshops in addition to their public lectures.

*Kieval Lecture Series*

Endowed by Harry S. Kieval. Speakers address broad, popular aspects of mathematics that are attractive to undergraduates and the general public. Speakers meet with students and faculty informally, in addition to giving two to four public lectures.

*Thomas W. Pyle First Amendment Forum*

Sponsored by the Ashland Daily Tidings and named after longtime SOU professor of journalism Thomas Pyle. Speakers address issues related to the First Amendment, with particular emphasis on the rights of free press and speech.

#### **NURSING**

*John and Nora Darby Chair*

Endowed by the John and Nora Darby Heart Fund. Established to link the southern Oregon community with nationally recognized experts in the area of cardiovascular disease prevention, treatment, and rehabilitation. The lectures are for the campus community, health care providers, and the general public.

*Betsy LaSor Lectureship*

Endowed by friends and family of Betsy LaSor. Includes annual seminars and colloquia by prominent nursing leaders, who provide perspectives on key contemporary health care issues for nurses, nursing students, other health care professionals, and the general public.

#### **INTERDISCIPLINARY**

*Frank J. Van Dyke (Honors) Chair*

Endowed by friends of Frank J. Van Dyke. Experts in the field of professional ethics discuss the concepts of ethics and how they apply to teaching and education, medicine, science, research, technology, and social and corporate responsibility.

#### **Shakespeare Studies**

541-552-6904  
 Alan Armstrong, Director  
[sou.edu/shakespeare/](http://sou.edu/shakespeare/)

#### **Summer Session**

541-552-6334  
[sou.edu/summer](http://sou.edu/summer)

# **Community Resources**

#### **Jefferson Public Radio**

Central 022  
 541-552-6301  
[jpr.org/](http://jpr.org/)

#### **Rogue Valley Community Television**

1525 Webster Street (next to McNeal Pavilion)  
 541-552-7888  
[roguetv.org](http://roguetv.org)

#### **Schneider Museum of Art**

541-552-6245  
[sou.edu/sma/](http://sou.edu/sma/)

#### **Small Business Development Center**

673 Market Street  
 Medford 97504  
 541-772-3478  
[bizcenter.org](http://bizcenter.org)

# Development Office

Plunkett Center  
541-552-6127

The Development Office seeks to raise funds to help meet the most critical programs and needs of the University. By building relationships with people concerned for Southern Oregon University and its programs, the development staff invite interested individuals to support the University through a variety of giving opportunities.

## Alumni Relations

Plunkett Center  
541-552-6361 / 800-501-7672  
[sou.edu/alumni](http://sou.edu/alumni)

## Community Organizations

**SOUTHERN OREGON UNIVERSITY ADVISORY BOARD**  
Churchill 125  
541-552-6111  
[sou.edu/president/board.html](http://sou.edu/president/board.html)

**SOUTHERN OREGON UNIVERSITY FOUNDATION**  
Plunkett Center  
541-552-6127

The SOU Foundation was established in 1959 to enhance the quality of education offered by the University through volunteer efforts and contributions in support of the University's strategic goals. The Foundation Board of Trustees consists of thirty-two members from Oregon and the nation. The Finance and Administration Office is entrusted with the stewardship of gifts to Southern Oregon University and ensures funds are used in accordance with donor stipulations.

## Affiliated Organizations

### ALUMNI ASSOCIATION

The mission of the Alumni Association is to perpetuate the bond between Southern Oregon University and its former students. An elected volunteer board responsible for directing the association's activities and programs, the Alumni Association is governed by a desire to best meet SOU's alumni needs.

### CHAMBER MUSIC CONCERTS

Chamber Music Concerts (CMC) presents eleven performances by world-class artists throughout the season. It supports the SOU community with educational programs and reduced prices on concert tickets for faculty, staff, and students.

### FRIENDS OF HANNON LIBRARY

The Friends of Hannon Library organization fosters a close relationship between the Lenn and Dixie Hannon Library and the residents of the larger community. In addition to assisting with the development of library resources and services for the students, the Friends of Hannon Library provides an active forum for interchange of information about books and writing by sponsoring lectures and literary events.

### FRIENDS OF THE SCHNEIDER MUSEUM OF ART

The Friends of the Schneider Museum of Art is a community-based organization supporting museum and visual arts at Southern Oregon

University. Friends actively participate in museum programs and provide a link between the museum and the community.

### RAIDER CLUB

The Raider Club works to build support and encourage interest and participation in intercollegiate varsity sports at Southern Oregon University. The major goal of this group is to raise funds for student-athlete scholarships.

# Administration

### General Administration

Mary Cullinan, PhD, President of Southern Oregon University  
James M. Klein, DMA, Provost and Vice President for Academic Affairs  
Craig Morris, MiM, Interim Vice President for Finance and Administration  
Jonathan Eldridge, MS, Vice President for Student Affairs  
Sylvia Kelley, MA, Vice President for Development and Executive Director of the SOU Foundation

### Academic Affairs

James M. Klein, DMA, Provost and Vice President for Academic Affairs  
Paul Steinle, MBA, Associate Provost

### Deans

Josie Wilson, PhD, Acting Dean, College of Arts and Sciences  
David Harris, JD, School of Business and Medford Higher Education Center  
Geoffrey Mills, PhD, School of Education  
Paul T. Adalian Jr., MLS, Hannon Library  
Vicki Purslow, EdD, Associate Dean, College of Arts and Sciences  
Jan Heineken, PhD, Associate Dean, OHSU Nursing at SOU

### Chairs

Cody Bustamante, MFA, Art and Art History  
Karen Stone, PhD, Biology  
René Ordoñez, PhD, Business  
Douglas Chapman, PhD, Chemistry, Physics, Materials, and Engineering

D.L. Richardson, MA, Communication

Greg Pleva, MS, Computer Science

Lore Rutz-Burri, JD, Criminology and Criminal Justice

William Greene, PhD, Education

John Gutrich, PhD, Environmental Studies

Deborah Hollens, MA, Hannon Library

Donna Mills, PhD, Health, Physical Education, and Leadership

Gary Miller, PhD, History and Political Science

Charlotte Hadella, PhD, Language, Literature, and Philosophy

Sherry Ettlich, PhD, Mathematics

Terry Longshore, PhD, Performing Arts-Music

Chris Sackett, MFA, Performing Arts-Theatre Arts

Mary Russell-Miller, PhD, Psychology

Dan Rubenson, PhD, Social Sciences, Policy, and Culture

### Academic Services

Paul T. Adalian Jr., MLS, Dean of Hannon Library

Curtis Bacon, PhD, Director of the Accelerated Baccalaureate Degree Program

Michael Crane, MFA, Director of the Schneider Museum of Art

Fredna Grimland, PhD, Faculty Director of Honors Programs

Joan McBee, PhD, Interim Director of the RCC/SOU Higher Education Center

Jennifer McVay-Dyche, MAEd, Director of Distance Education

Mada Petranovich Morgan, PhD, Director of University Seminar/University Studies

Teri O'Rourke, BA, Director of Information Technology

Dee Perez, MFA, Director of Community-Based Learning

Kay Sagmiller, PhD, Director of the Center for Teaching, Learning, and Assessment

Jeanne Stallman, Executive Director, Division of Continuing Education

Sarah Stevens, PhD, Director of International Programs

Peter Weston, MEd, Director of Career Development and Community Partnerships

### Administrative Services

Craig Morris, MiM, Vice President for Finance and Administration

Larry Blake, MBA, Associate Vice President of Facilities Management and Planning

Marion Boenheim, PhD, Associate Vice President for Human Resource Services

Pam Curl, BA, Mail Services Supervisor

Deborah Frierson, MiM, Director of Human Resources and Policy Administration

Steve Larwick, MBA, Director of Fiscal Services

Deborah Michaels, BS, Associate Director of Business Services

Byron Patton, BS, Director of Environmental Health and Safety

Eric Rodriguez and Steve Ross, BS, Co-Directors of Campus Public Safety

Nan Russell, Assistant Director of Payroll, Benefits, and Student Employment

Elizabeth Sunitsch, BA, Associate Director of Business Services

Daniel Verner, Manager of Printing and Copy Services

### Development

Sylvia Kelley, MA, Vice President for Development and Executive Director of the SOU Foundation

Eric Baird, BS, Database Manager

Martina Devon, Database Assistant

Nicole Olsen, BS, Alumni Relations and Annual Giving Assistant

Doreen O'Shea, MA, Director of Alumni Relations and Annual Giving

Ronald Theberge, BA, Director of Finance and Administration, SOU Foundation

### President's Office

Mary Cullinan, PhD, President of Southern Oregon University

Christine Florence, BS, Executive Director of Marketing and Communications

Melissa L. Michaels, BA, Director of Communications

Liz Shelby, MBA, Chief of Staff/Director of Government Relations

**Student Affairs**

Jonathan Eldridge, MS, Vice President for Student Affairs  
 Peg Blake, PhD, Dean of Enrollment Management  
 Mark Bottorff, MEd, Director of Admissions  
 Nick Ellis, BA, University Events Manager  
 Michelle Gordon, MSW, Director of Success at Southern  
 Suzanne Gordon, PhD, Interim Associate Vice President for Residential Education and Services  
 Theresa Lowrie, MA, Director of Disability Services for Students  
 Peggy Mezger, BS, Acting Director of Registration, Records, and Informations Systems  
 Deborah Myers, MEd, Director of Student Activities and Leadership  
 Laura O'Bryon, PhD, Dean of Students  
 Diane Potratz, MSW, Director of Student Health and Wellness Center  
 Tannia Shewman, BA, Director of Bookstore  
 Matt Stillman, EdD, Director of Enrollment Analysis  
 Wirt Twitchell, EdD, Director of Academic Advising and Academic Support Programs

**Raider Athletics**

Dennis Francois, PhD, Director of Athletics and Recreational Sports

# Faculty

**[A]****Arnold H. Abrams, PhD (1981)**

Professor of Computer Science/Applied Multimedia. BA, 1975, San Diego State University; MA, 1981, PhD, 1985, Oregon State University.

**Patricia Jay Acklin, MS (1988)**

Associate Professor of Geography. BS, 1978, MS, 1991, Southern Oregon State College.

**Paul T. Adalian Jr., MLS (2008)**

Dean of Hannon Library. BA, 1966, Stanislaus State Collage; MA, 1968, Loyola University of Los Angeles; MLS, 1971, Syracuse University.

**Roni Adams, PhD (2006)**

Assistant Professor of Education. BA, 1970, Cal Poly University; MS, 1984, Southern Oregon University; PhD, 2002, UC Santa Barbara.

**S.M. Shamsul Alam, PhD (1991)**

Associate Professor of Sociology. BA, 1976, MA, 1978, Dhaka University; MA, 1982, Queen's University, Ontario, Canada; PhD, 1991, University of Oregon.

**Marlene Alt, MFA (1991)**

Professor of Art. BFA, 1981, Moorhead State University; MFA, 1986, University of California, San Diego.

**Alma R. Alvarez, PhD (1996)**

Professor of English and Writing. BA, 1989, California State University, Dominguez Hills; MA, 1992, PhD, 2000, University of California, Santa Barbara.

**Connie J. Anderson, MLIS (1988)**

Professor of Library and Information Science, Business Reference Librarian. BSEd, 1975, North Dakota State University; MLIS, 1983,

University of California, Berkeley; MS, 1991, Southern Oregon State College.

**Alan R. Armstrong, PhD (1986)**

Professor, Director of Shakespeare Studies. BA, 1969, Ohio Wesleyan University; MA, 1973, PhD, 1975, Cornell University.

**J. Kenneth Arnette, PhD (2006)**

Assistant Professor of Psychology. BA, 1991, PhD, 1997, Colorado State University.

**Lee E. Ayers, EdD (1998)**

Associate Professor of Criminology and Criminal Justice. BA, 1985, National University; MEd, 1997, Southwestern Adventist University; PhD, 2001, Southwest University; EdD, 2001, NOVA Southeastern University.

**[B]****Curtis J. Bacon, DBA (1987)**

Professor of Business. BS, 1979, MBA, 1981, North Dakota State University; MS, 1987, University of Oregon; DBA, 1996, Southern Illinois University.

**Edwin L. Battistella, PhD (2000)**

Professor of English and Writing. BA, 1976, Rutgers College; MA, 1979, PhD, 1981, City University of New York.

**Amy T. Belcastro, MA (2001)**

Assistant Professor of Education. BA, 1988, University of California, Santa Cruz; MA, 1996, California State University, Sacramento.

**Rhett L. Bender, DMA (1996)**

Professor of Music. BM, 1992, Iowa State University; MM, 1994, DMA, 2000, University of Georgia.

**Alison Burke, PhD (2008)**

Assistant Professor of Criminology and Criminal Justice. BA, 1998, University of New Mexico; MCJ, 2004, University of Colorado at Denver; PhD, 2008, Indiana University of Pennsylvania.

**Cody A. Bustamante, MFA (1986)**

Professor of Art. BA, 1978, Humboldt State University; MFA, 1981, University of California, Irvine.

**[C]****Susan Cain, MS (2008)**

Senior Instructor of Business. BA, 1976, Oregon State University; MS, 2005, Washington School of Law.

**Todd F. Carney, PhD (1993)**

Associate Professor of History. BS, 1987, MA, 1989, Utah State University; PhD, 1995, University of Oregon.

**Mary W. Carrabba, PhD (2006)**

Assistant Professor of Chemistry. BS, 1982, Oregon State University; BS, 1983, Southern Oregon State College; MFS, 1985, PhD, 1995, The George Washington University.

**David Carter, MA (2008)**

Assistant Professor of Criminology and Criminal Justice. BA, 1998, MA, 2001, East Tennessee State University.

**Al B. Case, MS (2001)**

Assistant Professor of Business. BS, 1993, MS, 1993, Brigham Young University; CPA.

**Mary Jane M. Cedar Face, MLS (1993)**

Professor of Library and Information Science. BA, 1977, Douglass College, Rutgers University; MLS 1989, MA, 1991, Rutgers University.

**Anne F. Chambers, PhD (1987)**

Professor of Anthropology. BA, 1972, MA, 1976, PhD, 1983, University of California, Berkeley.

**Douglas A. Chapman, PhD (1993)**

Professor of Chemistry. BS, 1983, Northern Arizona University; PhD, 1988, Arizona State University.

**Prakash R. Chenjeri, MA (1993)**

Assistant Professor of Philosophy. BA, 1978, MA, 1980, Bangalore University, India.

**Charles Mark Chilcoat, PhD (1988)**

Professor of Communication. BSEd, 1973, University of Tennessee, Knoxville; MEd, 1980, University of North Carolina, Chapel Hill; PhD, 1985, Ohio University, Athens.

**Roger G. Christianson, PhD (1980)**

Professor of Biology. BA, 1969, MA, 1971, PhD, 1976, University of California, Santa Barbara.

**Nickolas Chura, MS (2008)**

Instructor of Mathematics. BS, 2005, MS, 2007, Portland State University

**Lisa M. Ciasullo, PhD (1989)**

Associate Professor of Mathematics. BS, 1984, Gonzaga University; MS, 1986, PhD, 1989, Washington State University.

**Kathryn Cleland-Sipfile, AM (2004)**

Associate Professor of Library and Information Science. BA, 1967, MA, 1980, State University of New York; AM, 1989, University of Chicago.

**Anne Maria Connor, PhD (2001)**

Assistant Professor of Foreign Languages and Literatures. BA, 1994, Brown University; MA, 1998, PhD, 2004, Vanderbilt University.

**Mary Cullinan, PhD (2006)**

President of Southern Oregon University. BA, 1972, University of Pennsylvania; MA, 1973, PhD, 1978, University of Wisconsin, Madison.

**[D]****Jad A. D'Allura, PhD (1977)**

Professor of Geology. BS, 1969, PhD, 1977, University of California, Davis.

**Terry L. DeHay, PhD (1990)**

Professor of English and Writing. BA, 1977, University of New Mexico; MA, 1981, Humboldt State University; PhD, 1989, University of California, Berkeley.

**Daniel DeNeui, PhD (2002)**

Associate Professor of Psychology. BS, 1989, University of South Dakota, Vermillion; MA, 1992, Minnesota State University; PhD, 1998, University of Tennessee, Knoxville.

**Andy T. Dungan, PhD (2001)**

Professor of Business. BS, 1972, Colorado State University; MBA, 1975, University of Colorado; PhD, 1995, University of Oregon.

**Dennis Dunleavy, PhD (2005)**

Associate Professor of Communication. BA, 1998, MA, 1999, Southern Oregon University; PhD, 2004, University of Oregon.

[E]

**William S. Elliott Jr., PhD (2002)**

Associate Professor of Geology. BS, 1985, University of Pittsburgh at Johnstown; MS, 1998, PhD, 2002, Indiana University, Bloomington.

**Adam V. Elson, MA (2006)**

Instructor of Health and Physical Education. BS, 1995, New Mexico State University; MA, 1999, Pacific University.

**Sherry A. Ettlich, PhD (1987)**

Professor of Mathematics. BA, 1980, Westmont College; MS, 1981, PhD, 1985, University of Oregon.

[F]

**Susan Faller-Mitchell, MS (2008)**

Instructor of Education. BA, 1981, San Jose State University; MS, 1996, San Jose State University.

**Curtis J. Feist, PhD (2001)**

Associate Professor of Mathematics. BS, 1989, MS, 1992, California Polytechnic State University; PhD, 1998, University of California, Davis.

**Carol S. Ferguson, PhD (1994)**

Professor of Biology. BS, 1980, Oregon State University; MS, 1985, University of Missouri, Saint Louis; PhD, 1987, University of Missouri, Columbia.

**Echo E. Fields, PhD (1998)**

Associate Professor of Sociology and Anthropology. BA, 1975, Oklahoma City University; MA, 1977, PhD, 1984, University of Oregon.

**Paul T. French, DMA (1990)**

Professor of Music. BA, 1978, University of California, Berkeley; MM, 1980, DMA, 1987, University of Southern California.

**Lani C. Fujitsubo, PhD (1993)**

Professor of Psychology. BA, 1980, Southern California College; MA, 1989, PhD, 1991, United States International University, San Diego, California.

[G]

**Gregg Gassman, PhD (1995)**

Professor of Education. BA, 1974, MA, 1980, EdS, 1985, University of Missouri; PhD, 1995, Utah State University.

**Bill D. Gholson, PhD (1994)**

Professor of English and Writing. BA, 1975, Eureka College, Eureka, Illinois; MA, 1992, PhD, 1994, University of Oregon.

**Marianne Golding, PhD (1997)**

Associate Professor of Foreign Languages and Literatures. BA, 1984, MA, 1991, PhD, 1996, University of California, Los Angeles.

**William L. Greene, PhD (1998)**

Professor of Education. Chair, School of Education. BA, 1982, MA, 1993, California State University, Fresno; PhD, 1998, University of Hawaii.

**Fredna H. Grimland, PhD (2001)**

Associate Professor of Music. BME, 1974, MME, 1980, PhD, 2001, University of North Texas.

**John Gutrich, PhD (2008)**

Assistant Professor of Environmental Studies. BS, 1994, Purdue University; PhD, 2000, Ohio State University.

[H]

**Charlotte Hadella, PhD (1991)**

Professor of English and Writing. BA, 1972, Lynchburg College, Virginia; MA, 1978, Virginia Polytechnic Institute and State University, Blacksburg; PhD, 1989, University of New Mexico, Albuquerque.

**Jon F. Harbaugh, MBA (1995)**

Associate Professor of Business. BS, 1966, MS, 1968, California State University, San Jose; MBA, 1981, Pepperdine University.

**David Harris, JD (2006)**

Professor of Business, Dean, School of Business and Medford Higher Education Center. BA, 1981, University of Washington, Seattle; MM 1986, JD, 1986, Willamette University.

**Robert T. Harrison, PhD (1990)**

Professor of History. BA, 1960, Biola College; MDiv, 1966, Fuller Theological Seminary; MA, 1979, California State University, Los Angeles; PhD, 1987, University of Southern California.

**Daniel J. Harvey, PhD (2001)**

Associate Professor of Computer Science. BS, 1968, Queens College, New York; MS, 1974, Farleigh Dickinson University, Teaneck, New Jersey; PhD, 2001, University of Texas at Arlington.

**Deborah J. Hollens, MA (1971)**

Professor of Library and Information Science. BA, 1970, San Fernando Valley State College; MSLS, 1971, University of Southern California; MA, 1976, Southern Oregon State College.

**Sandra J. Holstein, PhD (1987)**

Professor of English and Writing. BA, 1965, University of California, Los Angeles; MA, 1970, PhD, 1978, University of Minnesota.

**Richard P. F. Holt, PhD (1996)**

Professor of Economics. AB, 1976, Occidental College; PhD, 1987, University of Utah.

**William J. Hughes, PhD (1996)**

Associate Professor of Political Science. BA, 1987, MA, 1991, California State University, Chico; PhD, 1995, University of California, Davis.

**Laura A. Hughes, PhD (1997)**

Associate Professor of Chemistry. BA, 1978, MS, 1980, PhD, 1983, University of California, San Diego.

**Priscilla L. Hunter, PhD (1981)**

Professor of Foreign Languages and Literatures. BS, 1965, MA, 1968, PhD, 1979, Louisiana State University.

**Cynthia Hutton, PhD (1994)**

Associate Professor of Music. BA, 1978, California State University, Fullerton; MM, 1984, University of California, San Diego; PhD, 2000, University of Colorado.

[I]

**Miles F. Inada, MFA (1996)**

Associate Professor of Art. BA, 1988, Yale University; BFA, 1993, University of Oregon; MFA, 1996, University of Cincinnati.

[J]

**Dennis Jablonski, MED (2003)**

Assistant Professor of Education. BA, 1973, Occidental College; MED, 2001, Pepperdine University.

**Charles W. Jaeger, PhD (1999)**

Assistant Professor of Business. BA, 1967, San Francisco State University; MAT, 1970, Colorado College; PhD, 1991, Stanford University.

**Stewart W. Janes, PhD (1985)**

Professor of Biology. BA, 1976, University of Montana, Missoula; MS, 1980, Portland State University; PhD, 1985, University of California, Los Angeles.

**Steven L. Jessup, PhD (1997)**

Associate Professor of Biology. BS, 1977, University of Maryland; PhD, 1994, University of Michigan.

**Gregory Jones, PhD (1997)**

Professor of Geography. BA, 1993, PhD, 1997, University of Virginia.

**Laura K. Jones, PhD (1999)**

Associate Professor of Health and Physical Education. BA, 1975, Kentucky Wesleyan College; MA, 1979, Western Kentucky University; PhD, 1986, Southern Illinois University.

**Michael Jones, MS (2004)**

Assistant Professor of Health and Physical Education. BS, 1980, MS, 1996, Southern Oregon University.

[K]

**Donald H. Kay, BA (1980)**

Professor of Art, Graphic Designer. BA, 1965, San Jose State University.

**Kenneth M. Kempner, PhD (2001)**

Professor of Education. BA, 1969, University of Montana; MA, 1974, University of Colorado; PhD, 1979, University of Oregon.

**Daniel Kim, PhD (1999)**

Associate Professor of Mathematics. BA, 1984, Sogang University, Korea; MA, 1990, Indiana University; PhD, 1995, University of Oregon.

**Younghhee Kim, PhD (1999)**

Associate Professor of Education. BS, 1985, Sogang University, Korea; MA, 1992, PhD, 1996, University of Oregon.

**John Kinard, MBA (2008)**

Senior Instructor of Business. BA, 1969, Occidental College; MBA, 1972, Harvard University; MA, 2000, Southern Oregon University.

**John T. King, PhD (2006)**

Assistant Professor of Education. BA, 1992, MIT, 1996, Seattle University; PhD, 2005, University of Washington.

**Lynn Maruyama Kirms, PhD (1987)**

Professor of Chemistry. BS, 1981, University of Hawaii; PhD, 1987, Colorado State University.

**James M. Klein, DMA (2008)**

Provost and Vice President for Academic Affairs. BM, 1975, MM, 1977, University of Texas at Austin; DMA, 1981, College-Conservatory of Music, University of Cincinnati.

**Mark Krause, PhD (2007)**

Assistant Professor of Psychology. BA, 1994, MS, 1996, Central Washington University; PhD, 2000, University of Tennessee, Knoxville.

**Patricia B. Kyle, PhD (2005)**

Associate Professor of Psychology. BA, 1975, Arizona State University; MED, 1986, Idaho State University; PhD, 1991, University of Idaho.

**[L]****Charles Lane, PhD (1994)**

Professor of Geology. BS, 1975, Fort Hays Kansas State University; MS, 1977, Northern Arizona University; PhD, 1987, University of California, Los Angeles.

**Donna L. Lane, PhD (1998)**

Associate Professor of Business. BS, 1998, MBA, 1999, Southern Oregon University; PhD, 2006, Nova Southeastern

**Jonathan I. Lange, PhD (1980)**

Professor of Communication. BA, 1973, Pennsylvania State University; MS, 1975, Portland State University; PhD, 1981, University of Washington.

**Jo-Anne Lau-Smith, PhD (2002)**

Associate Professor of Education. BA, 1981, MED, 1984, University of California, Los Angeles; PhD, 2001, University of Hawaii at Manoa, Honolulu.

**John B. Laughlin, PhD (1984)**

Professor of Business. BA, 1966, University of Minnesota; BS, 1968, St. Cloud State University; MA, 1973, University of Sydney, Australia; MSBA, 1982, Southern Oregon State College; PhD, 1990, University of Southern California.

**Erika M. Leppmann, MFA (2002)**

Associate Professor of Art. BFA, 1978, University of Oregon; MA, MFA, 1996, University of New Mexico, Albuquerque.

**Eric M. Levin, PhD (2005)**

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## Admission Information

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