

**UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 12
Spring 2018**

---COURSES---

Faculty Senate approved March 29, 2018

The courses listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All new and revised courses are printed in their entirety under the headings Current and Proposed, respectively. The column to the far right indicates the date each change becomes effective.

Subject	Course Number	New Revise Drop	Current	Proposed	Effective Date
BIOLOGY	395	New	--N/A--	Evolutionary Medicine 3 Course Prerequisite: BIOLOGY 301. Modern medical issues from an evolutionary perspective, integrated with other biological fields in medical research; topics include disease diversity, immune function, the evolution of virulence, human disease management, cancer, obesity, and human mental and reproductive health issues and their management. Typically offered Odd Years – Spring.	1-19
BIOLOGY	402	New	--N/A--	[M] Beneficial Microbes in Nature and Society 3 Course Prerequisite: BIOLOGY 106; BIOLOGY 107; BIOLOGY 372 or BIOLOGY 403 and 405; junior standing. In-depth investigations of interdisciplinary topics addressing the importance of beneficial microbes to organisms, natural systems, and society from across the disciplines of microbiology, medicine, evolutionary ecology, and agricultural science.	1-19
DTC	392	New	--N/A--	Video Games Theories and History 3 History and theory of video games with a focus on	1-19

				innovation and cultural impact. Typically offered Spring.	
ECONS	329	New	--N/A--	The Economics of Gaming 3 Course Prerequisite: ECONS 101 or 102; minimum ALEKS math placement score of 45%. Exploration of the critical role that economics plays in the design, development, and success of modern electronic games. Typically offered Spring.	1-19
FOR LANG	371	New	--N/A--	Norse Mythology 3 Scandinavian/ Germanic Mythology: the pantheon, the myths, and the people; stories of the Norsemen who have had a broad influence on the English world and language. Typically offered Fall.	8-18
FOR LANG	373	New	--N/A--	Chinese Mythology 3 Examination of distinctive mythical stories in oral, literature, and classical tradition and their impact on modern Chinese culture, values, social customs, religious beliefs, philosophical ideas, and political and historical insights. Taught in English. Typically offered Fall and Spring.	8-18
H D	498	Revise	Field Placement V 1 (0-3) to 8 (0-24) May be repeated for credit; cumulative maximum 8 hours. Course Prerequisite: H D 385 and 496, or H D 497; by permission only. Self-initiated, supervised work experience with appropriate private organizations, businesses, or government agencies; interaction with professionals in related fields. Typically offered Fall, Spring, and Summer.	Field Placement V 1 (0-3) to 9 (0-<u>27</u>) May be repeated for credit; cumulative maximum 9 hours. Course Prerequisite: H D 385 and 496, or H D 497; by permission only. Self-initiated, supervised work experience with appropriate private organizations, businesses, or government agencies; interaction with professionals in related fields. Typically offered Fall, Spring, and Summer.	1-19
HBM	497	New	Special Topics V 1-3 May be repeated for credit; cumulative maximum 6 hours. Course	Special Topics V 1-3 May be repeated for credit; cumulative maximum 9 hours. Course	8-18

			Prerequisite: ACCTG 230; certified major in the College of Business, or certified minor in Hospitality Business Management. Topics of special interest within the area of hotel and restaurant administration.	Prerequisite: ACCTG 230; certified major in the College of Business, or certified minor in Hospitality Business Management. Topics of special interest within the area of hotel and restaurant administration.	
PHIL	475	New	--N/A--	[CAPS] Zombie Apocalypse 3 Course Prerequisite: Junior standing. Uses zombies to model responses to global pandemics and critically assesses awareness of pandemic threats in contemporary popular culture. Typically offered Fall.	8-18
<u>SOE</u>	322	Revise	Geology of the Pacific Northwest 3 Course Prerequisite: GEOLOGY 101 or 102. Physical geology of the Pacific Northwest focusing on geological processes important in its evolution. Field trips required. Credit not granted for both GEOLOGY 322 and 323.	Geology of the Pacific Northwest 3 Course Prerequisite: <u>SOE</u> 101 or 102. Physical geology of the Pacific Northwest focusing on geological processes important in its evolution. Field trips required. (Formerly <u>GEOLOGY 322</u>).	8-18
<u>SOE</u>	<u>412</u>	Revise	[M] Global Biogeochemistry 3 Cycles of biogeochemically important elements and anthropogenic changes to those cycles in terrestrial and aquatic environments on a global scale. Field trip required.	[M] Global Biogeochemistry 3 Cycles of biogeochemically important elements and anthropogenic changes to those cycles in terrestrial and aquatic environments on a global scale. Field trip required. <u>Credit not granted for both SOE 412 and SOE 512. Offered at 400 and 500 level. (Formerly ENVR SCI 410).</u>	8-18
<u>SOE</u>	431	Revise	Wildlife Nutrition 3 (2-3) Nutritional requirements and interactions of wildlife populations. Typically offered Spring. Cooperative: Open to UI degree-seeking students.	Wildlife Nutrition 3 (2-3) Nutritional requirements and interactions of wildlife populations. (Formerly <u>NATRS 431</u>). Typically offered Spring. Cooperative: Open to UI degree-seeking students.	8-18
<u>SOE</u>	441	Revise	Population Ecology and Conservation 4 (3-3) Course Prerequisite: BIOLOGY 372 or NATRS 300; STAT 212 or 412. Ecology, conservation, management of vertebrate	Population Ecology and Conservation 4 (3-3) Course Prerequisite: BIOLOGY 372 or <u>SOE</u> 300; STAT 212 or 412. Ecology, conservation, management of vertebrate	8-18

			populations, especially threatened and endangered species; designed for wildlife and conservation biology majors. Typically offered Spring.	populations, especially threatened and endangered species; designed for wildlife and conservation biology majors. (Formerly NATRS 441). Typically offered Spring.	
<u>SOE</u>	444	Revise	Environmental Assessment 3 Environmental impact statements and their national and state policy frameworks, methods of assessment, and team preparation of an impact statement. Credit not granted for both ENVR-SCI 444 and ENVR-SCI 544 . Offered at 400 and 500 level. Typically offered Fall and Spring. Cooperative: Open to UI degree-seeking students.	Environmental Assessment 3 Environmental impact statements and their national and state policy frameworks, methods of assessment, and team preparation of an impact statement. Credit not granted for both <u>SOE 444</u> and <u>SOE 544</u> . Offered at 400 and 500 level. (Formerly <u>ENVR SCI 444/544</u>). Typically offered Fall and Spring. Cooperative: Open to UI degree-seeking students.	8-18
<u>SOE</u>	445	Revise	Hazardous Waste Management 3 Environmental, technical, and political aspects of hazardous waste management; evaluative methods, risk assessment, and current management requirements. Credit not granted for both ENVR-SCI 445 and ENVR-SCI 545 . Offered at 400 and 500 level. Typically offered Fall. Cooperative: Open to UI degree-seeking students.	Hazardous Waste Management 3 Environmental, technical, and political aspects of hazardous waste management; evaluative methods, risk assessment, and current management requirements. Credit not granted for both <u>SOE 445</u> and <u>SOE 545</u> . Offered at 400 and 500 level. (Formerly <u>ENVR SCI 445/545</u>). Typically offered Fall. Cooperative: Open to UI degree-seeking students.	8-18
<u>SOE</u>	454	Revise	[CAPS] [M] Restoration Ecology 3 (2-3) Course Prerequisite: Senior standing. Ecological principles used to restore biological communities; ecological processes and species on degraded landscapes. Typically offered Fall.	[CAPS] [M] Restoration Ecology 3 (2-3) Course Prerequisite: Senior standing. Ecological principles used to restore biological communities; ecological processes and species on degraded landscapes. (Formerly <u>NATRS 454</u>). Typically offered Fall.	8-18
<u>SOE</u>	464	Revise	[M] Landscape Ecology 3 (2-3) Course Prerequisite: Junior standing. Linkages between spatial patterns and processes in a variety of landscapes and the qualitative tools used in the	[M] Landscape Ecology 3 (2-3) Course Prerequisite: Junior standing. Linkages between spatial patterns and processes in a variety of landscapes and the qualitative tools used in the	8-18

			investigation of these linkages. Typically offered Spring.	investigation of these linkages. (Formerly NATRS 464). Typically offered Spring.	
<u>SOE</u>	474	New	--N/A--	Physics and Chemistry of the Earth 4 (3-3) Course Prerequisite: MATH 171; CHEM 101 or 105; CHEM 102 or 106; PHYSICS 102 or 201; SOE 101, 102, or 210; junior standing. Earth's operations as described by sub-disciplines of geology, chemistry, physics, and mathematics; Earth's composition as related to solar system formation. Typically offered Spring.	1-19
<u>SOE/ SOIL SCI</u>	416	Revise	Soil Processes in the Earth's Critical Zone 3 Soil geochemistry and processes; theory and applications with a focus on reactions at the solid, liquid, and gaseous interface between the lithosphere, atmosphere, hydrosphere, and biosphere. (Crosslisted course offered as GEOLOGY 416/516, SOIL SCI 416/516). Credit not granted for both GEOLOGY /SOIL SCI 416 and GEOLOGY /SOIL SCI 516. Recommended preparation: Basic knowledge of soils (e.g. SOIL SCI 201 or equivalent; CHEM 106; PHYSICS 102). Offered at 400 and 500 level. Typically offered Fall.	Soil Processes in the Earth's Critical Zone 3 Soil geochemistry and processes; theory and applications with a focus on reactions at the solid, liquid, and gaseous interface between the lithosphere, atmosphere, hydrosphere, and biosphere. (Crosslisted course offered as <u>SOE</u> 416/516, SOIL SCI 416/516). Credit not granted for both <u>SOE</u> /SOIL SCI 416 and <u>SOE</u> /SOIL SCI 516. Recommended preparation: Basic knowledge of soils (e.g. SOIL SCI 201 or equivalent); CHEM 106; PHYSICS 102). Offered at 400 and 500 level. (<u>Formerly GEOLOGY/SOIL SCI 416/516</u>). Typically offered Fall.	8-18
<u>WOMEN ST / SOC</u>	<u>385</u>	Revise	[DIVR] Introduction to Lesbian, Gay, Bisexual, and Transgender Studies 3 Course Prerequisite: Junior standing. Interdisciplinary exploration of issues related to gender and sexuality, explored transhistorically and cross-culturally, including race, class and age differences.	[DIVR] Introduction to Lesbian, Gay, Bisexual, and Transgender Studies 3 Course Prerequisite: Junior standing. Interdisciplinary exploration of issues related to gender and sexuality, explored transhistorically and cross-culturally, including race, class and age differences. (Crosslisted course offered as WOMEN ST <u>385</u> , SOC <u>385</u>).	1-19

			(Crosslisted course offered as WOMEN ST 484 , SOC 484).	<u>(Formerly WOMEN ST / SOC 484)</u> Typically offered Spring.	
WRIT	<u>311</u>	Revise	Composing and Evaluation Strategies for Writing Professional Documents 1 May be repeated for credit; cumulative maximum 3 hours. Strategies of composition and evaluation for writing-intensive courses, and for creating brief professional documents (personal statements/letters of intent). Typically offered Fall and Spring.	Composing and Evaluation Strategies for Writing Professional Documents 1 May be repeated for credit; cumulative maximum 3 hours. Strategies of composition and evaluation for writing-intensive courses, and for creating brief professional documents (personal statements/letters of intent). (Formerly <u>UNIV 303</u>). Typically offered Fall and Spring.	8-18
WRIT	405	New	--N/A--	Writing Tutorial for Syntactic Structures in Professional and Academic Contexts 1 May be repeated for credit; cumulative maximum 3 hours. Course prerequisite: Junior standing. Individualized and small group instruction focusing on sentence and paragraph structure for professional and academic purposes. Typically offered Fall, Spring, and Summer. S, F graded.	8-18