

2015

Curriculum Change 2015-2016

Portland State University

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PSU Curricular Changes - Effective for Academic Year 2015-16							
This list submitted to OrACRAO on: July 17, 2015							
PSU Curricular Change Cycle: Annual							
PSU annual submission date: July of each year							
Name & contact info of person updating this template: Steve Harmon 503-725-4596							
Effective Term	New (N) Modified (M) Deleted (D)	Prefix	Course#	Course Title	Credits	Course Description	Type of Change (for modified classes only)
Fall 2015	M	Actg	335	Accounting Information	4	Methodology used in manual and computer systems for the accumulation, classification, processing, analysis, and communication of accounting data. Development of the accounting techniques used in the handling of large amounts of information; special journals and controlling accounts; computer files for storing data; computer processing of data. Discussion of the problems encountered in the systems for different types of organizations. Prerequisites: BA 213, BA 325, Ec 202.	Prerequisite.
Fall 2015	M	Actg	360	Management Accounting	4	Emphasis on the development, analysis, and communication of cost information relevant to the following functions: planning, decision making, cost control and management, pricing, and performance evaluation. Prerequisites: BA 213, Ec 202.	Prerequisite.
Fall 2015	M	Actg	381	Financial Accounting and Reporting I	4	Comprehensive study of the principles, conventions and postulates of financial accounting. Appropriate preparation of GAAP financial statements and financial disclosures, including exposure to the judgment inherent in financial reporting. Considers information requirements and expectations of users of financial statements. International financial accounting standards will be considered where appropriate. Specific focus on the responsibility of accountants for maintaining professional accountability to the public interest in the face of institutional pressures. This is the first course in a sequence of three: Actg 381, Actg 382, and Actg 383 which must be taken in sequence. Prerequisites: BA 213, Ec 202.	Prerequisite.
Fall 2015	M	Actg	485	Business Law	4	Laws of contracts, negotiable checks, notes, and drafts, insurance, documents of title, sales of goods, letters of credit, employees and independent contractors, agency, partnership, corporations, securities, bankruptcy, security interests, mortgages, suretyship and bulk sales. Covers law part of CPA exam. Also offered for graduate-level credit as Actg 585 and may be taken only once for credit. Prerequisites: BA 213, Ec 202.	Prerequisite.
Fall 2015	M	Actg	527	Advanced Tax Topics	4	The study of federal income tax law applicable to common business structures through the use of case studies. Topics generally include the tax treatment of business formation, operations, distributions, liquidations, mergers and acquisitions. Applying tax laws, performing analyses, and making judgments are critical in this case course. Expected preparation: Actg 422 or Actg 522 or equivalent.	Prerequisite.
Fall 2015	M	Anth	310	Chinese Culture and Society	4	Recent issues in contemporary Chinese culture and society including rural and urban transformations, minority representations, gender shifts, religious and resistance movements and other trends. Most years will focus on PRC but may also include Hong Kong and Taiwan.	Course number; description; prerequisite.
Fall 2015	D	Anth	520	Policy Paper	4		
Fall 2015	N	Ar	330	Topics in Arab Culture and Civilization	4	Survey of the development of culture, thought, and the arts in the Arab world, from pre-Islamic times to the present with focus on particular themes or periods. Does not replace Ar 301, Ar 302, Ar 303. Taught in English.	Course number.
Fall 2015	M	Ar	331	Arabic Calligraphy: Reading and Writing	4		
Fall 2015	M	Ar	411/511	Advanced Arabic	4	Reading, discussing and translating advanced Arabic texts by prominent Arab authors in various genres presenting cultural, literary, and political topics. Also offered for graduate-level credit as Ar 511 and may be taken only once for credit. Prerequisite: Ar 303 or consent of instructor.	Course number; description; prerequisites.

Fall 2015	M	Ar	414/514	Advanced Arabic Grammar	4	The use of the critical connectors of the standard Arabic grammar and the major rules of the Arabic syntax. Also offered for graduate-level credit as Ar 514 and may be taken only once for credit. Prerequisite: Ar 411 or Ar 511 or consent of instructor.	Title; description; prerequisite.
Fall 2015	M	Ar	427/527	Advanced Classical Arabic: Prose	4	Introduction to the history of Arabic prose (7th – 18th century AD); reading selected texts from classic literary works of major authors such as Ibn al-Muqaffa', al-Jahiz, al-Isfahani, Ibn 'Adiy, and Ibn 'Abd Rabbuh; translating texts and writing literary reviews in Arabic. Also offered for graduate-level credit as Ar 527 and may be taken only once for credit. Prerequisites: Ar 411 or Ar 511 or consent of instructor.	Course number; description; prerequisites.
Fall 2015	M	Ar	490/590	History of the Arabic Language	4	Study of the development of classical Arabic language from early times, with emphasis on two major schools of Arabic grammar: al-Kufah and al-Basrah; contribution of major grammarians, evolution of morphology and syntax; development of current Modern Standard Arabic vs colloquial Spoken Arabic. Also offered for graduate-level credit as Ar 590 and may be taken only once for credit. Prerequisite: Ar 303 or consent of instructor.	Title; description; prerequisite.
Fall 2015	N	ArH	110	Visual Literacy	4	Course is intended to equip students with the necessary skills to critically view and interpret global visual culture, and to provide them with a strong foundation for future art courses in art history, art, and design, through critical analysis, reading, discussion, and writing.	
Fall 2015	M	Art	118	Introduction to Typography and Communication Design	4	Applies the fundamental design principles covered in 2-D design and color theory to the visual language of communication design—specifically typography. Projects address the various roles of typography within the discipline. Methods, strategies, and processes for thinking creatively and solving design problems are investigated. Manual skills with tools are developed.	Co-requisite: add Art 120.
Fall 2015	N	Art	241	Interaction Design Principles	4	Studio course dealing in the fundamentals of Interaction Design, incorporating the concepts of sound graphic design principles with user experience processes. Students will examine a series of interfaces—from everyday appliances to websites—learn to analyze their effectiveness and explore designs that better serve real human needs. Topics include user interface design, product design, information architecture and user experience research methods.	
Fall 2015	M	Art	262	Photoimaging I	4	Studio introduction to concepts, techniques, practices, aesthetics, and ethics of photographic imaging and image-making with digital technology. Investigations in photographic media are enabled through a variety of digital imaging techniques, including retouching, color correction, filtering, masking, layering, and compositing. Prerequisite: Art 261.	Description; prerequisite.
Fall 2015	N	Art	333	Friendtorship: Design, Art, and Social Change	4	Mentoring high school students through hands on creative projects around themes such as social justice, art literacy and community. This course should be of particular value and interest to students who have a desire to teach and inspire, increasing access to arts learning for under-served teens.	
Fall 2015	N	Art	353	Typeface Design	4	Focus on developing the skills and critical thinking necessary for producing digital typefaces. History, technology and contemporary practices of the industry. Basic lettering skills and theory explored, to aid in the primary focus of creating a functional, flexible and useful typeface.	
Fall 2015	N	Art	358	Video, Design, and Community	4	Focus on collaboration in video production and community-based media. Production of a promotional/informational video for community organizations in Portland. History of community and independent media. Basic video and audio recording, post-production, interviewing, and group decision-making skills.	
Fall 2015	M	Art	360	Photographic Exploration I	4	Study of photography as visual language. Lectures, demonstrations, and extended assignments explore technical, aesthetic, and ethical issues of contemporary photographic communication. Working in either a documentary or conceptual approach, students begin development of their photographic portfolios, with emphasis placed on the photographic series. Prerequisite: Art 260, Art 261, Art 262.	Prerequisite.
Fall 2015	N	Art	425	A+D Projects	4	Advanced development of graphic design skills with emphasis placed upon conceptual development, research, visual and written messages, multi-task time and materials management, budgets and production. Emphasis will be placed on studio management, teamwork and production. Prerequisite: successfully pass the sophomore review. Instructor approval.	

Fall 2015	N	Art	441	Interface Design	4	Studio course in Interaction Design, with an emphasis on design concepts and techniques in several media including mobile and non-conventional interfaces. Thorough examination of design trends, usability testing and prototyping, and communicating content within the interactive space. Topics include interaction design patterns, user experience, environmental design, information architecture, and understanding industry standards in UX design. Prerequisite: Art 341.	
Fall 2015	M	Art	455	Time-Based Art Studio	4	Advanced studio course focused on production of time-based arts including video art, animation, sound, performance, experimental film, installation, and other interdisciplinary forms. Course content focuses on the representation of time in art. Prerequisites: Art 255, Art 257 or permission of instructor.	Title; description; prerequisites.
Fall 2015	N	Art	457/557	Low Tech Cinema	4	This studio course uses readily accessible technologies and inexpensive techniques to create media artwork. Course topics include cell phones and mobile devices, conceptual and text-based movies, handmade 16mm film techniques, toy cameras, diary videos, consumer-grade analog video equipment including VHS, glitch art, media appropriation, and hacking. Prerequisite: Upper-division standing.	
Fall 2015	M	Art	485	Professional Practices for Artists	2	This seminar explores issues of professional development for artists. Senior level art majors will be exposed to information that will aid them in the transition from student to professional. Prerequisites: upper-division standing in Art Practices. Intended for Art Practices majors only. Maximum 4 credits.	Title; description.
Fall 2015	N	ASL	330	Deaf Culture	4	Introduction to major aspects of American Deaf Culture such as the history of deaf culture and community, its art, literature, folklore and language (American Sign Language), including current attitudes, movements, policies, and trends that affect the Deaf as a linguistic minority.	
Fall 2015	M	BA	306	Essentials of Finance for Non-Business Majors	4	Essential topics in accounting and finance for business minors and non-business majors. Reading and interpreting income statements and balance sheets, especially for small businesses. Forecasting to determine financing requirements. Use of techniques in time value of money to determine present values, loan payments, etc. Sources of business financing.	Title; description.
Fall 2015	M	BA	316	Essentials of Marketing for Non-Business Majors	4	Essential topics in marketing for business minors and non-business majors. Students will be introduced to the basic concepts of marketing and customer satisfaction. Students will explore primary considerations of the market environment and marketing practices including price, promotion, distribution, and product in an applied setting.	Title; description.
Fall 2015	M	BA	326	Essentials of Management for Non-Business Majors	4	Essential topics in management and business communications for business minors and non-business majors. Focuses on the management of business organizations in an applied setting. Key topics include motivating and leading individuals and groups, working effectively in teams, and conflict management. In addition, students will learn to collect, organize, and present information in a business setting.	Title; description.
Fall 2015	M	BA	336	Essentials of Information Technology for Non-Business Majors	4	Discusses the importance of information and its support of a business organization. An understanding of the essential relationships among information, business process, and information technology. This is a survey course for business minors and non-business majors.	Title; description.
Fall 2015	M	BA	346	Essentials of Entrepreneurship for Non-Business Majors	4	Capstone course in the business minor. Provides the student an opportunity to link previous coursework in the development of business plans and organizations, with specific emphasis on the challenges of small emerging organizations. Project-based course that provides students with a toolbox of applied skills.	Title; prerequisite.
Fall 2015	M	Bi	211, 212, 213	Principles of Biology I, II, III	4,4,4	Study of the basic principles of living organisms. The course will study both plants and animals and topics will include cell structure, energy production synthesis, nutrition, genetics, evolution, classification, excretion mechanisms of response, reproduction and development, and ecology. Four hours lecture. Expected preparation for BI 211: Completion of Ch 221 and Ch 227, or concurrent enrollment in Ch 221 and Ch 227. Prerequisites: for BI 212: completion of BI 211 with a C- or above; for BI 213: completion of BI 212 with a C- or above.	Course number; description; prerequisites; co-requisites: Bi 214 to Bi 211, Bi 215 for Bi 212, Bi 216 for Bi 213; credits.

Fall 2015	N	Bi	214, 215, 216	Principles of Biology Labs I, II, III	1,1,1	Laboratory work to accompany Principles of Biology (Bi 211, Bi 212, Bi 213). Completion of, or concurrent enrollment in the appropriate lecture course is required. One 3-hour laboratory. Graded only. Expected preparation: Prior or concurrent enrollment in Ch 227 for Bi 214, Ch 228 for Bi 215, Ch 229 for Bi 216.	
Fall 2015	M	Bi					
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Fall 2015	M	Bi	301,302,303	Human Anatomy & Physiology	4,4,4	Microanatomy, macroanatomy, genetics, embryology, and physiology. Comprehensive understanding of man as a functionally integrated biological entity. One 3-hour laboratory. Expected preparation: One year of college biological science; for BI 302: Completion of BI 301 with C- or above; for BI 303: Completion of BI 302 with a C- or above.	Description: prerequisite.
Fall 2015	M	Bi	326	Comparative Vertebrate Embryology	5	Comparative study of the development and representative vertebrates, including the cellular mechanisms responsible for early morphogenesis. One 4-hour laboratory period. Prerequisite: Completion of BI 251, 252, 253 with C- or above in each section.	Prerequisite.
Fall 2015	M	Bi	328	Comparative Vertebrate Anatomy	5	Gross dissection and comparison of organ systems in representative vertebrate forms. Two 4- hour laboratory periods. Prerequisites: Completion of Bi 252 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	330	Introduction to Plant Biology	4	Plant diversity, structure and function in relationship to evolution, habitat, and interactions with other organisms. Historical impacts of plants on human culture, including conservation, biotechnology, and world food supply. Prerequisites: Completion of BI 251, 252, 253 with C- or above in each section.	Prerequisite.
Fall 2015	M	Bi	334	Molecular Biology	4	Principles of molecular biology focusing on structure, biochemistry, biosynthesis and regulation of cellular macromolecules-DNA, RNA and proteins. Topics include the nature, structure, regulation and expression of genes, molecular aspects and regulation of translation, DNA replication and repair, mutagenesis, and molecular techniques. Prerequisite: Completion of BI 251 with C- or above.	Prerequisite.
Fall 2015	M	Bi	336	Cell Biology	5	Biology of eukaryotic (plant/animal) and prokaryotic cells (bacteria, etc.) with emphasis on physiology, biochemistry, morphology, and energetic. Four hours of lecture and one hour of recitation. Prerequisite: Completion of BI 334 with a C- or above, or permission of instructor.	Prerequisite.
Fall 2015	M	Bi	341	Introduction to Genetics	4	The mechanism of biological inheritance. One 2-hour recitation period. Prerequisite: Completion of BI 251 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	357	General Ecology	4	The interrelationships of plants and animals with their environments. Emphasis is on basic ecological principles and concepts, not on current environmental problems. Prerequisite: BI 251, 252, 253 with a C- or above in each section.	Prerequisite.
Fall 2015	M	Bi	358	Evolution	4	Examination of processes underlying evolutionary change and patterns of biodiversity generated by these processes. Introduction to elementary population genetics, quantitative genetics, and phylogenetics. Emphasizes methods of reasoning and experimentation used in evolutionary research. Prerequisites: Completion of BI 251, 252, 253 with a C- or above. Recommended prerequisite: BI 341 Genetics.	Prerequisite.
Fall 2015	M	Bi	360	Introduction to Marine Biology	3	The marine environment and its life forms. Survey of organismal diversity with emphasis on structural and physiological adaptations to the marine realm. Prerequisites: Completion of BI 251, 252, 253 with a C- or above in each section.	Prerequisite.
Fall 2015	M	Bi	386	Invertebrate Zoology	6	Invertebrate animal diversity, with a focus on species of the Pacific Northwest. Emphasis on evolution of adaptations in anatomy, physiology, and behavior. Two 2-hour lectures, one 3-hour laboratory, with some field trips outside of class time. Prerequisite: Completion of BI 251, BI 252, BI 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	387	Vertebrate Zoology	6	Classification, anatomical characteristics, distribution, and life habits of fishes, amphibians, reptiles, birds, and mammals. Two 2-hour lectures, one 3-hour laboratory. Prerequisites: Completion of BI 251, 252, 253 with a C- or above in each section.	Prerequisite.
Fall 2015	M	Bi	412/512	Animal Behavior	4	An evolutionary approach to the study of animal behavior. The importance of ecological, physiological, and social variables will be examined in relation to the behavior of the individual animal. Expected preparation: upper-division standing. Prerequisite: Completion of BI 251, 252, 253 with a C- or above in each section.	Prerequisite.

Fall 2015	M	Bi	413/513	Herpetology	6	Distinguishing features, anatomy, physiology, origins, evolution, and ecology of amphibians and reptiles. North American species are emphasized. Two 2-hour lectures, two 2-hour laboratories. : Completion of BI 251, 252, 253 with a C- or above in each section.	Prerequisite.
Fall 2015	M	Bi	414/514	Ornithology	6	Evolution, diversity, ecology, physiology, and behavior of birds. One 3-hour laboratory. Laboratory emphasizes species identification and exposes students to techniques used in museum and field studies. Students conduct a research project outside of scheduled laboratory time. Prerequisites: Completion of BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	415/515	Mammalogy	6	Diversity, characteristics, evolution, structure, function, distribution, and life habits of mammals. North American species are emphasized. Two 2-hour lectures, two 2-hour laboratories. Prerequisites: Completion of BI 251, 252, 253 with a C- or above in each section.	Prerequisite.
Fall 2015	M	Bi	417/517	Mammalian Physiology	4	Physiology of the mammalian cardiovascular, respiratory, renal and digestive systems with emphasis on homeostatic control and integration of these systems in normal and pathophysiological states. Prerequisites: Completion of BI 251, 252, 253 with a C- or above in each section.	Prerequisite.
Fall 2015	M	Bi	418/518	Comparative Animal Physiology	4	Physiology of metabolic, respiratory, circulatory, excretory, muscle, and nervous systems with emphasis on comparative ecological approach. Prerequisite: Completion of BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	419/519	Animal Physiology Lab	4	Laboratory experiments on the physiology of animals from the cell through organismic levels. Two 3.5-hour laboratory periods. Prerequisite: Completion of BI 251, 252, 253 with a C- or above in each section.	Prerequisite.
Fall 2015	M	Bi	421/521	Virology	4	Classification, structure, genetics, molecular biology of replication, cell interactions, and host response of representative groups of bacterial, plant, and animal viruses, and the medical aspects of important human viruses. Prerequisite: BI 334 with a C- or above. Expected Preparation: BI 336.	Prerequisite.
Fall 2015	M	Bi	424/524	Molecular Genetics	4	The nature of the gene and its mode of action, organization of the genetic material, and the regulation of gene action. Prerequisite: BI 334.	Prerequisite.
Fall 2015	M	Bi	425/525	Natural History of Antarctica	5	Evolution and systematics of the Antarctic and sub-Antarctic flora and fauna, physiological adaptation to an extreme environment, conservation concerns and the history of exploration and exploitation of the Antarctic region. Prerequisites: Completion of BI 251, BI 252, BI 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	432/532	Plant Diversity and Evolution	5	Study of the morphology, structure, and life history of green algae, bryophytes, and vascular plants from an evolutionary point of view. Two 2-hour lectures and one 3-hour laboratory. Prerequisites: BI 341 and BI 358	Prerequisite.
Fall 2015	M	Bi	433/533	Morphology of Vascular Plants	4	Study of the gross morphology, development, and structure of roots, stems, leaves, and flowers from an evolutionary point of view. One 3-hour laboratory. Prerequisite: Completion of BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	434/534	Plant Anatomy	5	Structure of meristems, cells, tissues, and tissue systems or roots, stems, leaves, flowers and fruits from the developmental and comparative standpoint. One 3-hour laboratory. Prerequisite: Completion of BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	435/535	Plant Systematics	4	Angiosperm classification, diversity, and evolutionary relationships. Methods of phylogenetic analysis and current hypotheses regarding angiosperm phylogeny are emphasized. Lab will focus on the form and floral structure of about 30 local plant families. One 3-hour laboratory. Prerequisite: Completion of BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	436/536	Behavioral Endocrinology	4	Comparative examination of the major hormone systems that regulate behavior across the animal kingdom. Emphasizes the reciprocating nature of hormone and behavior interactions and seeks to understand how natural selection drives the evolution of hormone structure and function. Prerequisites: BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	441/541	Plant Physiology	5	Metabolic activities of plants. Two 3-hour laboratory periods. Prerequisite: Completion of BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	450/550	Phylogenetic Biology	4	The history of life's diversification through the use of phylogenetic trees, with a focus on how genes, organisms, and traits have evolved. Includes hands-on computer analyses of DNA sequences. Prerequisite: BI 358 with a C- or above, or concurrent enrollment in BI 358.	Prerequisite.

Fall 2015	M	Bi	455/555	Histology	6	Systemic study, description, and identification of histological structures. Two 3-hour laboratory periods. Prerequisites: Completion of BI 251, 252, and 253 with a C- or above, and BI 320 or BI 336 with a C- or above	Prerequisite.
Fall 2015	M	Bi	462/562	Neurophysiology	4	Anatomy of the vertebrate central nervous system (CNS). Topics include: Chemical and electrical signaling between cells in the CNS, pharmacological intervention, visual and somatosensory systems, learning, memory, and simple motor pattern generators. Also offered for graduate-level credit as BI 562 and may be taken only once for credit. Expected preparation: Bi 336 and Ph 203. Prerequisite: Completion of Bi 251, Bi 252, Bi 253 with a C- or above.	Description; prerequisite.
Fall 2015	M	Bi	463/563	Sensory Physiology	4	Exploration of the range of animal senses including the principles of sensation and sensory communication in general, and the detailed physiology of transduction for mechanical, electromagnetic, chemical, nociceptive, and thermal senses. Prerequisites: BI 251, 252, 253 with a C- or above. Expected Preparation: BI 462/562 and PH 203.	Description; prerequisite.
Fall 2015	M	Bi	472/572	Natural History	3	A study of plant and animal interrelationships emphasizing maintenance of proper field records, identification, distribution, and ecology of vertebrates in Oregon. Includes one two-hour laboratory. Prerequisite: Completion of BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	473/573	Field Sampling	4	The methods commonly employed for collecting and interpreting ecological data. One 3-hour laboratory. Prerequisite: Completion of BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	481/581	Microbial Physiology	3	Physiology and biochemistry of microorganisms. Modern contributions to microbiology emphasized. Micro- and macro-molecular anatomy of microbial cells, energy metabolism, biosynthetic pathways and their regulation, kinetic and molecular aspects of growth, genetics, evolution, and ecology. Prerequisite: Completion of BI 251, 252, 253 with a C- or above.	Prerequisite.
Fall 2015	M	Bi	487/587	Immunology and Serology	4	Topics include the tissues and cells of the immune system, discrimination between self versus foreign antigen, the structure, function and genetics of antigen receptors, components and coordination between innate and adaptive responses, and disease response and susceptibility. Also offered for graduate-level credit as BI 587 and may be taken only once for credit. Prerequisite: Completion of Bi 334 and Bi 336 with a C- or above.	Description; prerequisite.
Fall 2015	N	BSt	345	Black Popular Music: Contextualizing the Black Experience	4	Explore and contextualize the cultural politics of Black popular music and its implications as a vehicle for interrogating race, class, gender, and sexuality in contemporary U.S. culture. Historical unfolding and developing trends used to demonstrate relevant and associated black experience(s).	
Fall 2015	M	CE	432/532	Structural Steel Design	4	Design of components of steel structures based on allowable strength design and load and resistance factor design methods. Also offered for graduate-level credit as CE 532 and may be taken only once for credit. Prerequisites: CE 321, CE 325.	Title: description.
Fall 2015	N	CE	493/593	Design and Operation of Bicycle and Pedestrian Infrastructure	4	Design and operational concepts in the engineering design of bicycle and pedestrian infrastructure. Course covers on-road and shared path locations. Specific topics include design details of bikeways, basic geometric design, intersection and signalization considerations, and ADA requirements supporting non-motorized modes. Prerequisite: CE 454.	
Fall 2015	N	CFS	330	American Families in Film and Television	4	Examines portrayals of American families in film and television over time, including the effect of film and television portrayals on expectations around such family issues as gender roles, conflict resolution, parenting, and traditions. Exposes students to film and media criticism and highlights issues of inclusion/exclusion in family portrayals.	
Fall 2015	N	CFS	340	Queer Families	4	Explores and investigates issues facing lesbian, gay, bisexual, and transgender (LGBT) families, including all relationships in which primary care-giving responsibilities are shared by individuals who are interdependent upon each other, including conjugal and non-conjugal relationships. We will consider LGBT families and their cultural, political, gender, racial, and economic dimensions.	
Fall 2015	N	CFS	350	Interpersonal Violence: Impact on Children and Families	4	Focuses on interpersonal violence (IPV) and its impacts on children, including developmental implications of witnessing IPV from birth to adulthood, and the behavioral, social, and emotional effects of exposure to violence. Prepares students to identify tactics of violence, assess children's exposure to IPV, and respond through prevention and early intervention.	

Fall 2015	N	Ch	121	Preparatory Chemistry	4	Introduction to mathematics and science presupposed by the General Chemistry sequence (Ch 221, Ch 222, and Ch 223). Designed for students needing a review of topics from high school chemistry and Mth 111. Successful completion of this course should leave students prepared for Ch 221. Prerequisite: Mth 111 or equivalent.	
Fall 2015	M	Ch	337	Organic Chemistry Lab I	2	Part one of the laboratory work to accompany the sequence of Ch 334, Ch 335, Ch 336. One 4-hour laboratory period. Prerequisites: Ch 334 or concurrent enrollment.	Prerequisite.
Fall 2015	M	Ch	338	Organic Chemistry Lab II	2	Part two of the laboratory work to accompany the sequence of Ch 334, Ch 335, Ch 336. One 4-hour laboratory period. Not open to chemistry majors. Prerequisites: Ch 337 and Ch 335 or concurrent enrollment in Ch 335.	Prerequisite.
Fall 2015	M	Ch	339	Organic Chemistry Lab II (Chem majors)	3	Part two of the laboratory work to accompany the sequence of Ch 334, Ch 335, Ch 336. More extensive laboratory course than Ch 338; required for chemistry and biochemistry majors. Two 4-hour laboratory periods. Prerequisites: Ch 337 and Ch 336 or concurrent enrollment in Ch 336.	Prerequisite.
Fall 2015	M	Ch	411	Advanced Inorganic Chemistry I	4	Atomic orbitals, ionic bonding, valence bond theory, molecular orbital theory, crystal field theory, and introduction to coordination theory. Also offered for graduate-level credit as Ch 511 and may be taken only once for credit. Prerequisite: Ch 223.	Prerequisite.
Fall 2015	M	Ch	427/527	Instrumental Analysis Laboratory	4		Credits from 2 to 4.
Fall 2015	N	Cl	511	Examining Base Ten Numeration and Operations	3	Explore the base ten structure of the number system and how that structure is used in multi-digit computation. Investigate how basic concepts of whole numbers reappear when working with decimals. Student thinking is at the center of this course through examination of student work and students at work. Note: Course intended for licensed elementary teachers and cannot be used in place of the mathematics prerequisites for the initial teacher preparation.	
Fall 2015	N	Cl	512	Examining Operations with Whole Numbers and Fractions	3	Examine the actions and situations modeled by the four basic operations. Begin with a view of how counting moves toward solving whole number problems and then how whole number operations extend to the context of fractions. Student thinking is at the center of this course through examination of student work. Note: Course intended for licensed elementary teachers and cannot be used in place of the mathematics prerequisites for the initial teacher preparation.	
Fall 2015	N	Cl	513	Enhancing Algebraic Thinking: Generalization about Operations	3	Examine generalizations at the heart of studying operations in the elementary grades. Express generalizations in common language and algebraically, develop representation-based arguments, study what it means to prove, and extend generalizations from whole numbers to integers. Student thinking is at the center of this course through examination of student work. Note: Course intended for licensed elementary teachers and cannot be used in place of the mathematics prerequisites for the initial teacher preparation.	
Fall 2015	N	Cl	514	Enhancing Algebraic Thinking: Patterns and Functions	3	Discover how patterns lead to functions, learn to read tables and graphs to interpret change, and use algebraic notation to write rules. With emphasis on linear functions, explore nonlinear functions, examine how function features are seen in graphs, tables, or rules. Student thinking is at the center of this course. Note: Course intended for licensed elementary teachers and cannot be used in place of the mathematics prerequisites for the initial teacher preparation.	
Fall 2015	N	Cl	515	Developing Geometric Thinking and Concepts	3	Examine aspects of two- and three-dimensional shapes, develop geometric vocabulary, and explore both definitions and properties of geometric objects. Study angle, similarity, congruence, and the relationships between 3-D objects and their 2-D representations. Student thinking is at the center of this course through examination of student work. Note: Course intended for licensed elementary teachers and cannot be used in place of the mathematics prerequisites for the initial teacher preparation.	
Fall 2015	N	Cl	516	Exploring Measurement Concepts	3	Examine different attributes of size, develop facility in composing and decomposing shapes, and apply these skills to make sense of area and volume formulas. Explore conceptual issues of length, area, and volume, as well as inter-relationships. Student thinking is at the center of this course through examination of student work. Note: Course intended for licensed elementary teachers and cannot be used in place of the mathematics prerequisites for the initial teacher preparation.	

Fall 2015	N	CI	517	Developing Concepts of Data Analysis	3	Work with data collection, representation, and interpretation. Learn what graphs and statistical measures show about data, study how to summarize data when comparing groups, consider whether data provide insights into questions that led to data collection. Student thinking is at the center of this course through examination of student work. Note: Course intended for licensed elementary teachers and cannot be used in place of the mathematics prerequisites for the initial teacher preparation.	
Fall 2015	N	CI	518	Implementing Mathematics Reform	3	Exploration of worthwhile mathematical tasks provides the context for examining learning, teaching, and assessment. Topics include effective learning environments, strategies for planning lessons with a focus on student thinking/understanding, and analysis of materials and resources. Prerequisite: Students are required to complete at least four content-focused pedagogy courses.	
Fall 2015	N	CI	519	Mathematics Leadership: Influencing and Facilitating Improvement	3	Develop an understanding of the role of and the challenges faced by mathematics instructional leaders in their work. Attention to the multiple levels of learning i.e., classroom and the professional learning community within grade-level, building, district, and beyond - each focusing strategies for influencing and facilitating improvement in mathematics instruction.	
Fall 2015	M	Comm	341	Introduction to Public Relations	4	An introduction to the principles and practice of professional public relations, focusing on the functions of PR in organizations, the concept of strategic communication in persuasion, relevant professional skills, the role of research, and an understanding of common ethical issues encountered.	Prerequisite.
Fall 2015	D	Comm	532	Critical Methods of Media Inquiry	4		
Fall 2015	M	Coun	431/531	Foundations of Addictions Counseling	3	Provides an overview of the biological, psychological, social, and spiritual dimensions of substance use disorders. Emphasizes the developmental course of addictions and the relationship of addictive behavior to common psychological disorders. Models and theories of addictive behavior that counselors need to treat clients with addictive and co-occurring disorders are reviewed.	Drop 431; description.
Fall 2015	M	Coun	432/532	Assessment and Diagnosis in Addictions Counseling	3	Focuses on the development of the knowledge and skills of assessment and diagnosis of psychoactive substance use disorders. The elements of the bio-psycho-social assessment process, including basic interviewing and motivational interviewing skills, will be reviewed, as well as standardized screening and assessment instruments for chemical dependency.	Drop 432; description.
Fall 2015	M	Coun	533	Treatment of Substance Use Disorders I	3	Focuses on the development of the knowledge and skills of treatment planning and implementation of individualized treatment for psychoactive substance use disorders. Students will review the various modalities of substance use disorder treatment along with the efficacy and indications of each modality.	Title: description.
Fall 2015	M	Coun	534	Treatment of Substance Use Disorders II	3	Focuses on the knowledge and skills of substance use disorder treatment for diverse client populations. Includes HIV/infectious diseases and how to complete a risk assessment. Examines the ethical and professional issues involved in addictions counseling. Focuses on practical skills including documentation, treatment planning, and clinical interventions. Prerequisite: Coun 533.	Title; description.
Fall 2015	M	Coun	535	Co-Occurring Disorders	3	Focuses on helping individuals who suffer from co-occurring psychiatric and substance use disorders by examining state of the art treatment approaches and the public policy and program management challenges that exist in responding to this complex population.	Title; description.
Fall 2015	M	Coun	536	Addictions Counseling Capstone	3	Merges theoretical components of addiction treatment with practical applications. Students practice counseling skills through role-plays of client issues. Practice domains include individual and group counseling skills, counseling diverse populations, and working with co-occurring disorders. Prerequisite: Coun 534.	Description.
Fall 2015	M	CR	427/527	Nationalism and Ethnic Conflict	4	Interdisciplinary inquiry into leading perspectives and theories of nationalism. Examined as a determinant factor of international and interethnic conflict. Analyzed through multiple case-specific conflict phenomena. Assessed in terms of its historical roots, evolution, structural patterns and socio-political antecedents and consequences. Also offered for graduate-level credit as CR 527 and may be taken only once for credit.	Course number: add 427; prerequisite.

Fall 2015	N	D	355	Dance Production	4	Introductory course covering technology for the production of dance. Students will gain a working knowledge of theatre terminology and a familiarity with basic tools and techniques for props, set pieces, costumes, lighting, audio, video, stage management and marketing for a public performance. Students will produce the choreography class concert.	
Fall 2015	M	Ec	312	Macroeconomic Theory	4	Tools and models to analyze factors influencing the levels of output, employment and prices. Fundamentals of the theory of business cycles, economic growth, and inflation. The role of government in solving macroeconomic problems. Prerequisites: Ec 202, Ec 311, or Ec 415, or consent of instructor.	Prerequisite.
Fall 2015	D	Ec	338	Political Economy of Latin American Development			
Fall 2015	D	Ec	339	Political Economy of Japanese Development			
Fall 2015	D	Ec	348	The Globalization Debate			
Fall 2015	M	Ec	425/525	Economics of Industrial Organization	4	Application of microeconomic theory to analysis of firms, markets, and industries. Economic explanations for structure of markets and behavior of firms that trade in them. Internal organization of firms and assessment of efficiency of markets in determining organization. Also offered for graduate credit as Ec 525 and may be taken only once for credit. Prerequisite: Ec 201; Ec 311 or Ec 415 or consent of instructor.	Description; prerequisite.
Fall 2015	M	Ec	428/528	Project Evaluation	4	Methodology for program evaluation from needs assessment through outcome and effectiveness evaluation. Heavy reliance on case studies. Students may participate in ongoing evaluations. Also offered for graduate-level credit as Ec 528 and may be taken only once for credit. Prerequisite: Ec 311, Ec 415 or consent of instructor.	Course number; description.
Fall 2015	M	Ec	432	Advanced Environmental Economics	4	Examination of the economics of environmental degradation, externalities and pollution control. Emphasis is on the theoretical aspects of market failure, policies/regulations to promote efficient outcomes and policy applications. Prerequisites: Ec 311 or Ec 415, and Ec 430 or permission of instructor. Expected preparation: Ec 469 or equivalent.	Prerequisite.
Fall 2015	M	Ec	433/533	Advanced Natural Resource Economics	4	Analyze natural resource production, extraction and use. Focus on resources such as land, minerals, forests, fisheries and wildlife. Problems achieving sustainability. Regional, national and international case studies used to illustrate key policy issues. Also offered for graduate-level credit as Ec 533; this is the same course as ESM 433 and may be taken only once for credit. Recommended preparation: Ec 469. Prerequisite: Ec 311 or Ec 415, and Ec 430 or Ec 530.	Description; prerequisite.
Fall 2015	N	Ec	438/538	Energy Economics	4	Economics and structure of energy markets, with a focus on electricity. Examines current policy issues arising from energy production and use. Also offered for graduate-level credit as Ec 538 and may be taken only once for credit. Prerequisite: Ec 311 or Ec 415.	
Fall 2015	M	Ec	440	International Trade Theory and Policy	4	Theories of international trade. Analysis of the normative aspects of trade including the gains from trade and the effect of trade on economic welfare. Examination of international trade policy and issues of economic integration, economic growth, and current trade problems. Prerequisites: Ec 201, Ec 311 or Ec 415 or consent of instructor.	Prerequisite.
Fall 2015	D	Ec	451/551	Microenterprises in Developing Areas			
Fall 2015	D	Ec	461/561	The Economics of Empire and War			
Fall 2015	M	Ec	465	Labor Economics	4	This course investigates the determinants of wages, the decision to work, the reasons demographic groups fare differently in the labor market, and sources of unemployment. Also considers current developments in labor markets of increasing wage inequality, globalization, declining unionization, and widespread use of new technologies. Prerequisites: Ec 201, Ec 311 or Ec 415 or consent of instructor.	Prerequisite.
Fall 2015	D	Ec	466/566	The Political Economy of Mexican Migration			
Fall 2015	M	Ec	480	Mathematical Economics	4	Mathematics for economists. Applications of differential calculus and matrix algebra to economics. Topics include consumer theory, production functions, and applied general equilibrium models. Prerequisites: Ec 311 or Ec 415, Ec 312 and Ec 380 (or equivalently: Mth 251, Mth 252, and Mth 261 in place of Ec 380).	Prerequisite.
Fall 2015	D	Ec	487/587	Economic Planning			

Fall 2015	N	Ed	488/588	Inclusive Early Childhood Models	3	Presents different approaches to early childhood education with a focus on inclusion and consultation in typical early childhood settings. Provides a framework for recommended practices for supporting young children with disabilities in early childhood settings. Discusses the underlying concepts and application of developmentally appropriate practice. Also offered for graduate-level credit as Ed 588 and may be taken only once for credit. Prerequisite: Upper-division standing.	
Fall 2015	N	ELP	484/584	Strategies for eLearning	3	Best practices in eLearning and pedagogical issues related to design, development, and delivery. Application of research in learning and cognition to eLearning for design, analysis and problem solving. Prerequisite: Upper-division standing.	
Fall 2015	N	ELP	440	Urban Farm Education: Leveraging Policy and Research to Cultivate Garden-based Education in Practice	4	Students explore policy and research implications for garden-based education, while learning instructional design and assessment, as well as fundamental soil ecology. As a learning community, students examine how policies and educational practices can pose barriers or potential leverage points for systemic change, and develop and teach integrated garden-based curriculum.	
Fall 2015	M	ELP	444/544	eLearning Instructional Design	3	Design of a self-paced eLearning simulation with appropriate instructional methods, user interface designs, media choices, and levels of interactivity and engagement. Expected preparation: ELP 484/584 or ELP 429/529. Prerequisite: Upper-division standing.	Title; description; prerequisites.
Fall 2015	M	ELP	445/545	Developing eLearning	4	Examination of development methodologies/processes, principles of task identification, risk mitigation, technical architecture, creative tools, and project management strategies used in developing eLearning. Application of learning theory to the development of eLearning. Expected preparation: ELP 429/529 and ELP 430/530. Prerequisite: Upper-division standing.	
Fall 2015	N	ESM	333	Methods of Data Collection, Analysis, Representation, and Modeling for Environmental Managers	4	Overview and review of main techniques for collecting, modeling and analyzing both scientific and social data; key activities for environmental managers. Co-requisite: ESM 334. Prerequisite: ESM 220, ESM 221, and ESM 222.	
Fall 2015	N	ESM	334	Methods of Data Collection, Analysis, Representation, and Modeling for Environmental Managers Laboratory	2	Lab accompanying the lecture class: ESM 333, provides practice and review of main techniques for collecting, modeling and analyzing both scientific and social data; key activities for environmental managers. Co-requisite: ESM 333.	
Fall 2015	N	ESM	357	Business Solutions for Environmental Problems	4	Environmental science perspectives and business perspectives on environmental issues, focusing on smaller scale problems amenable to entrepreneurial solutions. Contextualization and analysis of issues using approaches and tools from both disciplines in search of local, sustainable, cost and scale-effective approaches. This is the same course as BA 357 and may be taken only once for credit.	
Fall 2015	N	ESM	436/536	Environmental Institutions and Management	4	Fundamental concepts of environmental management with case studies illustrating current management issues regarding human environment interactions. Participants will learn management theory and concepts and apply this knowledge through field work conducting institutional analysis and presenting a group management plan for a local site. Also offered for graduate-level credit as ESM 536 and may be taken only once for credit. Prerequisite: ESM 335.	
Fall 2015	N	ESM	462/562	Climate Change Impacts, Adaptations and Responses: Geosphere and Anthroposphere	4	Examination of the basis for human-influenced global climate change, the interactions and feedbacks, the impact on urban and natural systems, and the management adaptation and solutions to these impacts. Also offered for graduate-level credit as ESM 562 and may be taken only once for credit. Prerequisite: Senior or graduate standing in ESM.	
Fall 2015	N	ESM	464/564	Climate Adaptation: Managing Environmental Risks and Vulnerabilities	4	Contribution to climate risk management will require an understanding of the fundamentals of adaptation planning, climate impacts, risk and vulnerability, and implementation. An adaptation-centered view focuses on the power of local actors to develop strategies that protect and facilitate human and environmental values under threat from global change. Also offered for graduate-level credit as ESM 564 and may be taken only once for credit. Prerequisite: ESM 335 or equivalent.	
Fall 2015	M	ESM	554	Grad Research Toolbox	4		Credits
Fall 2015	N	Film	231	Advanced Film Analysis	4	Builds upon the concepts related to the formal analysis of film and presents students with complementary, advanced methodologies, including genre study, narrative, historical research, and industry studies. Prerequisite: Film 131.	

Fall 2015	M	Film	257	Narrative Film Production I	4	A study of aesthetic and technological principles as related to digital video production in narrative formats.	Title: description.
Fall 2015	N	Film	258	Documentary Film Production I	4	An introductory study of aesthetic, technical, and content-related principles of digital filmmaking in nonfiction, documentary formats. Prerequisite: Film 131.	
Fall 2015	N	Film	280	Classical Film Theory	4	Introduces the significant trends of the first fifty years of Western film theory via primary and secondary source essays. Topics may include realism, authorship, conceptions of modernist representation, and Soviet montage. Prerequisite: Film 131.	
Fall 2015	M	Film	358	Narrative Film Production II	4	An intermediate study of aesthetic, technical, and content-related principles of digital filmmaking in fictional narrative formats. Prerequisite: FILM 131; FILM 257.	Title: description.
Fall 2015	M	Film	359	Narrative Film Production III	4	An advanced study of aesthetic, technical, and content-related principles of digital filmmaking in fictional narrative formats. Prerequisites: Film 131; Film 257 and Film 358.	Title: description.
Fall 2015	M	Film	360	Topics in Film Production	4	Focused study of a variety of specialized skills and/or genres related to digital film production. From term to term, topics might include: Cinematography; Visual Effects; Sound Design; Music Videos; Web Cinema; Advanced Directing. Course may be repeated for credit with different topics. Prerequisites: Film 131; Film 257 or Film 258.	Title: description.
Fall 2015	N	Film	361	Documentary Film Production II	4	An intermediate study of aesthetic, technical, and content-related principles of digital filmmaking in nonfiction, documentary formats. Prerequisites: Film 131, Film 258.	
Fall 2015	N	Film	362	Documentary Film Production III	4	An advanced study of aesthetic, technical, and content-related principles of digital filmmaking in nonfiction, documentary formats. Prerequisites: Film 131, Film 258, Film 361.	
Fall 2015	M	Film	480/580	Contemporary Film Theory	4	A survey of film theory and criticism from the 1960s to the present day. Students are introduced to key concepts and major figures from Structuralism, Semiotics, Psychoanalysis, Feminism, and Narrative Theory. Also offered for graduate-level credit as FILM 580 and may be taken only once for credit. Prerequisite: TA 131.	Course number; description.
Fall 2015	N	Film	487/587	Topics in International Film and the Moving Image	4	Concentrated study of national cinema (non-US) or national cinema movement. Students will consider the cinema in relation to: national context and cinematic history; other national/transnational cinemas; and independence and nationalism, censorship, and political and artistic movements. Examples include Irish Cinema, Italian Neorealism, and New Wave Cinemas. Also offered for graduate-level credit as FILM 587. Prerequisite: FILM 131.	
Fall 2015	N	Fin	521	New Venture Finance	4	Learn how early stage companies access capital for their new ventures, how investors evaluate potential investments, and considerations for structuring the financing.	
Fall 2015	M	G	201	Dynamic Earth: Interior	4	Proposed catalog statement: Explores the Earth's structure and composition, why continents and oceans form, and how plate tectonics provide a unifying model to explain geological observations. Topics include the concept of deep time, the relationship between geology and topography, plate tectonics, volcanism, earthquakes, magnetism, rocks and minerals, mountain building, basin formation.	Title; description.
Fall 2015	M	G	202	Dynamic Earth: Surface	4	Explores how weather and climate alter the Earth's surface and landscapes over time due to rock weathering, mountain building, the action of streams, glaciers, wind, and ocean waves and currents. Embedded in these topics is the discussion of human practices impacting the natural environment.	Title; description.
Fall 2015	M	G	435	Sedimentology and Stratigraphy	5	Description, interpretation, and correlation (stratigraphy) of sedimentary rocks used to reconstruct paleo environments, infer sea-level changes, and understand a basin's tectonic evolution. Two lectures, two 2-hour laboratories and required field study.	Title: description.
Fall 2015	N	GRN	515	Constructions of Power and Knowledge: Gender, Race, and Nations	4	Course critically analyzes how the concepts of gender, race, culture, class, sexuality, and nation are invested with power and inequality. Examines the politics of the production of knowledge in personal lived experiences; institutions; cultural, economic and geopolitical structures; and literary, visual and multimedia representations.	
Fall 2015	N	Hst	297	History through Film	4	Introduction to selected topics of modern history through the viewing and analysis of important documentaries and feature films. The subject matter will vary from term to term.	

Fall 2015	N	Hst	324	United States Civil Rights Movements	4	Surveys the history of post-1945 social movements in the United States that sought equality for racial minorities, ethnic groups, women, gays and lesbians, within the context of US citizenship.	
Fall 2015	N	Hst	361	Modern France and the World since 1815	4	Examines the France and its role in the world from 1815 to present, including revolutions, restorations, empire, world wars and national identity.	
Fall 2015	M	Hst	364	Modern Brazil	4	Examines such topics as slavery, abolition, messianism, banditry, the Amazon, race, military rule, and democratization in the making of modern Brazil. This course is the same as Intl 364 and may only be taken once for credit.	Course number.
Fall 2015	N	Hst	367	History of Food in Latin America	4	Examines the history of key foods, both plant and animal, before and since 1492, focusing on how they influenced the social, cultural and political development of societies.	
Fall 2015	N	Hst	370	Eurotopia: Creating and Contesting the European Union	4	Examines the intellectual, political, and economic challenges to forging European unity, and the paradox that twentieth-century Europe witnessed the triumph of the nation-state at the same time that they developed supranational agencies to contain it.	
Fall 2015	M	Hst	413/513	Topics in Transnationalism	4	Examines human activities, institutional structures, and social movements that cross national boundaries. Topics include migration, diaspora, and activism, as well as flow of ideas, goods, and technologies among people or regions not defined primarily by the nation-state. Frameworks for study include border zones, deterritorialized nations or peoples, and global citizenship. Prerequisite: Upper-division standing.	Title; description; prerequisites.
Fall 2015	M	Hst	415	Topics in Greek History	4	An advanced look at specific topics in Greek history from the Bronze Age to the death of Cleopatra. Topics will include social, political, economic, intellectual, and religious history. The subject matter will vary from term to term. (Maximum number of credits is 12; 4 credits each for three courses with different topics.) Also offered for graduate-level credit as Hst 515. Prerequisite: Upper-division standing.	Prerequisite.
Fall 2015	M	Hst	416	Topics in Roman History	4	An advanced look at specific topics in Roman history from the Etruscans to the Dark Ages. Topics will include social, political, economic, and intellectual history. The subject matter will vary from term to term. (Maximum number of credits is 12; 4 credits each for three courses with different topics.) Also offered for graduate-level credit as Hst 516. Prerequisite: Upper-division standing.	Prerequisite.
Fall 2015	M	Hst	420	Topics in Early Modern Japanese History	4	Selected themes in Tokugawa (1600-1850) history, including rural life and urbanization, merchants and commerce, political thought and institutions, women and family life, neo-Confucianism, religious beliefs and practices, popular culture, arts, and literature. (Maximum number of credits is 12; 4 credits each for three courses with different topics.) Also offered for graduate-level credit as Hst 520. Prerequisite: Upper-division standing.	Prerequisite.
Fall 2015	M	Hst	421	Topics in Modern Japanese History	4	Selected themes in modern Japanese history, including the construction of the nation-state, modernization, Japan's drive to great power status, Japan's emergence as an imperialist power, state-society relations, and modernity outside Europe. (Maximum number of credits is 12; 4 credits each for three courses with different topics.) Also offered for graduate-level credit as Hst 521. Prerequisite: Upper-division standing.	Prerequisite.
Fall 2015	M	Hst	422	Topics in Postwar Japanese History, 1945-present	4	Selected themes in postwar Japanese history, including the Occupation reforms (1945-52) and Japan's place in the Cold War system, the so-called "economic miracle," the development of a mass consumer culture, and U.S.-Japan relations. (Maximum number of credits is 12; 4 credits each for three courses with different topics.) Also offered for graduate-level credit as Hst 522. Prerequisite: Upper-division standing.	Prerequisite.
Fall 2015	M	Hst	423	Topics in Chinese Social History	4	This course will examine institutions and themes relating to the family, urban and rural life, education and the like in Chinese social history. The subject matter will vary from term to term. (Maximum number of credits is 12; 4 credits each for three courses with different topics.) Also offered for graduate-level credit as Hst 523. Prerequisite: Upper-division standing.	Prerequisite.

Fall 2015	M	Hst	424	Topics in Chinese Thought and Religion	4	Study of selected topics in intellectual and cultural history related to Confucianism, Buddhism, Daoism, and other philosophical and religious constructs. The subject matter will vary from term to term. (Maximum number of credits is 12; 4 credits each for three courses with different topics.) Also offered for graduate-level credit as Hst 524. Prerequisite: Upper-division standing.	Prerequisite.
Fall 2015	M	Hst	425	Modern China	4	History of China from decline of imperial system through century of revolution that culminated in founding of People's Republic of China in 1949. Post-1949 focus on critical periods and issues in state-society relations, economic and political reform, and cultural changes, including global posture and relations with the West. Also offered for graduate-level credit as Hst 525. Prerequisite: Upper-division standing.	Prerequisite.
Fall 2015	M	Hst	430/530	Roots of American Culture	4	Relation of cultural attitudes and values to the American historical experience from 1600-1860. Topics include the European legacy; Puritanism; race, class, and ethnicity; American Enlightenment and Revolution; Cultural Nationalism; Industrial Ethic and Pastoralism; Jacksonian Democracy; Manifest Destiny and Native Americans; Slavery and African American Culture; Evangelicalism, Reform, Abolitionism, and Feminism. Also offered for graduate-level credit as Hst 530 and may be taken only once for credit. Prerequisite: Upper-division standing.	Title; description; prerequisites.
Fall 2015	M	Hst	431/531	Rise of American Corporate Culture	4	Relation of cultural attitudes and values to the American historical experience from 1860-1945. Topics include Civil War and Reconstruction; Incorporation, Labor Reform, and Utopian Thought; Populism; Progressive Reform; Two Cultures of the 1920s; Depression Realism and Radicalism; World War II and the Judeo-Christian Consensus. Also offered for graduate-level credit as Hst 531 and may be taken only once for credit. Prerequisite: Upper-division standing.	Title; description; prerequisites.
Fall 2015	M	Hst	432/532	Recent U.S. Political Culture	4	Relation of cultural attitudes and values to the American historical experience from 1945 to the present. Topics include Anti-Communist, Nationalist, and Anticorporate Insurgency in the 1950s; Antiwar, Racial, Counterculture, and Feminist Ferment in the Protest Era; New Age and Postmodernist Thought; Populist Conservatism and Traditional Values, 1980-present. Prerequisite: Upper-division standing.	Title; description; prerequisites.
Fall 2015	M	Hst	433/533	American Social and Intellectual History, 1600-1865	4	Examines early history of American social and intellectual history, including issues of race, class, religion and philosophy, ideology and politics, community, region, and labor. Prerequisite: Upper-division standing.	Title; description; prerequisites.
Fall 2015	M	Hst	434/534	U.S. Social and Intellectual History, 1865-present	4	Examines social and intellectual history of the United States from 1865 to the present. Includes discussion of race, class, religion and philosophy, ideology and politics, community, region, and labor. Prerequisite: Upper-division standing.	Title; description; prerequisites.
Fall 2015	D	Hst	435/535, 436/536, 437/537	American Diplomatic History	4,4,4		
Fall 2015	M	Hst	440/540	American Environmental History	4	A survey of North American history that explores the relationships between ideas of nature, transformations of the environment, and the effect of the environment on humans. Topics include colonialism; links between ecological change and race, class, and gender relations; the role of science/technology; agriculture, industrialization, and urbanization; and environmentalism. Also offered for graduate-level credit as Hst 540 and may be taken only once for credit. Prerequisite: upper-division standing.	Description.
Fall 2015	D	Hst	441/541	American Environmental History	4		
Fall 2015	N	Hst	446/546	Civil Rights and the Law: The History of Equal Protection	4	An exploration of the history of the 14th Amendment Equal Protection Clause's impact on the civil rights of Women, African Americans, Mexican Americans, and others. Prerequisite: Upper-division standing.	
Fall 2015	M	Hst	447/547	U.S. Constitutional History: Foundations	4	Examines the intellectual origins, creation, and ratification of the American Constitution and the early efforts of the U.S. Supreme Court to construe that document. Prerequisite: Upper-division standing.	Title; description; prerequisites.
Fall 2015	M	Hst	448/548	U.S. Constitution: Nineteenth Century	4	Examines the U.S. Supreme Court's role in the construction of modern America; includes discussion of the Court's decisions on federalism, slavery, presidential war powers, Reconstruction and civil rights, and industrialization. Prerequisite: Upper-division standing.	Title; description; prerequisites.

Fall 2015	M	Hst	449/549	U.S. Constitution: Twentieth Century	4	Examines how the U. S. Supreme Court's decisions in the twentieth century impacted the national economy, federalism, and the civil rights and civil liberties of American citizens. Prerequisite: Upper-division standing.	Title; description; prerequisites.
Fall 2015	D	Hst	467/567	Readings in Native American History	4		
Fall 2015	N	Hst	491/591	Reading Seminar	4	Provides students with an overview of the scholarship in a specific historical field. The course requires students to read, review, and discuss the significant books and articles in the field. This course is the prerequisite for Hst 492 Research Seminar. Also offered for graduate-level credit as Hst 591.	
Fall 2015	N	Hst	492/592	Research Seminar	4	Students will produce a research paper on a specific historical topic. Also offered for graduate-level credit as Hst 592.	
Fall 2015	N	Intl	343	Commodity Chains in Latin America: From Silver to Cocaine	4	Explores the politics, economy, culture and environment of Latin America from the point of view of export commodities. Tracing commodity chains, from silver and cocaine to bananas and soy, the course shows how these chains connect places to the world economy, and the ramifications of economic dependence.	
Fall 2015	N	Intl	350	The City in Europe	4	Focus on modern urban life since the eighteenth century and various responses to industrialization, state power, modernity, and globalization. The city provides a lens into debates on imperialism, nationalism, and cosmopolitanism. Through case studies, literature, and film, the course explores cities' roles in shaping European identity and citizenship.	
Fall 2015	D	Intl	351	The City in Europe: Social Sciences	4		
Fall 2015	D	Intl	352	The City in Europe: Humanities	4		
Fall 2015	N	Intl	360	Bollywood: Communicating Contemporary South Asia through Cinema	4	Bollywood encompasses media industries in India and South Asia that produce entertainment for worldwide consumption. We examine transnational Indian Cinema emphasizing: Globalization and the politics of transnational film production, distribution, and reception. Local-regional-global dynamics. The construction and negotiation of gender, family, nation, religion/communalism, and emerging filmic genres. Filmic representation and diasporic identities.	
Fall 2015	M	Intl	364	Modern Brazil	4	Examines such topics as slavery, abolition, messianism, banditry, the Amazon, race, military rule, and democratization in the making of modern Brazil. This course is the same as Hst 364 and may only be taken once for credit.	Course number.
Fall 2015	N	Intl	445	Cities and Third World Development	4	Critical survey of historical, economic, cultural, political, and urban aspects of Third World development, starting with the colonial era. Includes historical patterns of integration of the Third World with the emerging world market system. Covers development theories and problems of the post-independence period, focusing on urban issues and policy alternatives. This is the same course as USP 445 and may be taken only once for credit. Prerequisite: Upper-division standing.	
Fall 2015	N	Intl	470	Intercultural Leadership and Change	4	Prepares students for citizenship, leadership, scholarship, and research in a changing and globalized world. Culls perspectives from extant intercultural scholarship. Develops analytical tools to reflect upon politically created difference in race, religion, class and gender in cosmopolitan societies. Prerequisite: Upper-division standing.	
Fall 2015	N	ISQA	520	Introduction to Business Intelligence and Analytics	4	An overview on leveraging data resources to develop and deploy business strategies to enhance their decision-making capabilities so organizations can gain and sustain a competitive advantage. Specifically, the course shows how to discover subtle patterns and associations from business data and develop and deploy predictive, clustering, and market basket models to optimize decision-making throughout organization. Prerequisites: Stat 451/551 or Stat 461/561.	
Fall 2015	N	ISQA	521	Analytics Communication and Management	2	Prepares students to access, analyze, manage, and present data to an organization's decision makers. An essential skill within Business Intelligence / Analytics is the ability to effectively communicate analysis, which includes providing a recommendation to decision makers through data visualization. Prerequisite: ISQA 520.	
Fall 2015	N	Jpn	344	Japanese Literature in Translation: Manga, Japanese Graphic Novels	4	Readings of masterpieces of Japanese comic books, analysis of writing about the graphic-novel form. Readings of the manga are followed by discussion of the artistic style, questions about Japanese society, and each novel's place in the history of the genre. Readings / discussions are in English. Expected preparation: 8 credits of literature.	

Fall 2015	M	Jpn	411/511, 412/512	Advanced Japanese	4	Development of oral communication, reading, and writing skills with complex patterns in informal and formal situations. Expected preparation: Jpn 302, Jpn 305.	Title; description.
Fall 2015	N	JSt	335	Sex, Love and Gender in Israel	4	Examines intersections of gender and nationalism; the role of masculinity; conceptions of femininity, sex, love, and motherhood; and the impact of gender on the Arab-Israeli conflict. Investigates the history and experiences of a diverse array of women in Israel, including Jewish women, Israeli Arab and Palestinian women, and foreign workers.	
Fall 2015	N	JSt	430	Messiahs and Messianism	4	Messianic ideas in Judaism and other religions. Can focus on specific messiah figures and movements, comparative messianisms, historical and conceptual development of messianic idea, and/or modern manifestations. Repeatable once with departmental approval. Prerequisites: 8 upper division credits in Judaic Studies, or related courses with permission of instructor.	
Fall 2015	N	JSt	435	Jewish and Israeli Dance History	4	Examines the development of Jewish and Israeli dance in the twentieth century. Exploring social and concert dance forms, topics include the development of Israeli folk dance; works of American Jewish choreographers such as Fiddler on the Roof; the Batsheva Dance Company, Ethiopian and Yemenite Jewish dance companies in Israel. Prerequisite: Upper-division standing.	
Fall 2015	M	Kor	330	Topics in Korean Culture & Civilization	4	A multimedia survey of development and trends of Korean culture in modern Korea. Examines various forms of its culture—including rituals, traditions, art, music, cinema, entertainment, mass media, food, and the Internet—and studies their implications in social, political, historical, and economical contexts. Conducted in English.	Title; description.
Fall 2015	N	Kor	361	Korean Culture and Society through Film	4	Introduces salient elements of traditional and contemporary Korea by means of watching and discussing selected Korean movies that offer rich cultural and historical contexts. Examines how the creators of the movies interpret and represent them in their work. Taught in English.	
Fall 2015	M	Lib	534	Administration of the School Library	3	Study of the school library and its integral role in the instructional program of the school and the school library media movement. Focus on the leadership role of the school librarian, management of personnel, program budgeting, facility planning, role of state and national standards in planning, evaluation, and development; other administrative areas. Field activities included.	Title; description.
Fall 2015	M	Lib	536	Instructional Design and Technology for Schools & Libraries	3	Study the use of instructional media for K-12 including instructional design and criteria for quality print and non-print media. Learn graphic techniques and use of computers and technology in production of instructional media. Research current practices in library and classroom instruction and communication.	Title; description.
Fall 2015	M	Lib	542	Collection Development and Evaluation	3	Principles and practice of evaluation, selection, and acquisition of all types of materials included in a school library collection. Selection and collection development policies and procedures. Study of professional evaluation and selection sources. Field activities included.	Description.
Fall 2015	D	Lib	543	Practicum High School Library Media Center	3		
Fall 2015	M	Lib	547	School Library Instructional Programs, K-12	3	A study of the K-12 information skills program, including the development of a scope and sequence, effective teaching strategies, specific skills instruction, correlation and integration with the classroom curriculum, and organization and development of a teaching program in the school library media center.	Title; description.
Fall 2015	M	Lib	548	Cataloging and Organization of School Library Collections	3	Principles of organization of school library collections. Basic cataloging procedures for print, nonprint, and electronic forms of media using standard cataloging and classification codes. Application of online cataloging databases.	Title; description.
Fall 2015	M	Lib	561	School library Practicum: Elementary	3	A planned experience consisting of practical application of the full range of roles and responsibilities of the School Librarian in an elementary school library under the direction of a supervising elementary school library teacher and a University supervisor. Prerequisite: admission to the School Library Endorsement Program.	Title; description.
Fall 2015	M	Lib	562	School Library Practicum: Secondary	3	A planned experience consisting of practical application of the full range of roles and responsibilities of the School Librarian in a secondary school library under the direction of a supervising secondary school library teacher and a University supervisor. Prerequisite: admission to the School Library Endorsement Program.	Title; description.

Fall 2015	M	Mgmt	422/522s	Money Matters for Social Innovation	4	Participants will learn how to assess market size, create a business model, evaluate and prepare common financial statements, develop nonprofit and for-profit budgets, and identify and utilize the best funding sources and legal forms for social ventures. Prerequisites: Sophomore standing or higher. Admission to certificate: requires competitive PSU or transfer GPA (3.0 or higher with consideration made for special circumstances) and satisfactory completion of a short essay question.	Prerequisite.
Fall 2015	M	Mgmt	423/523s	Storytelling and Impact Measurements for Social Innovation	4	Mastery of storytelling and impact measurement is a key element for effective social innovation. In this course, students will develop effective personal and organizational storytelling skills. They will examine and apply concepts of personal leadership, marketing strategy, impact analysis and reporting, and approaches to scaling innovation.	Prerequisite.
Fall 2015	M	Mktg	437/537	Product Management in the Athletic and Outdoor Industry	4		Title.
Fall 2015	N	Mktg	449	Portfolio Workshop	2	Three-day weekend intensive designed to stretch students' ability to quickly assess business problems, gather research and prepare creative communication strategy for presentation to clients. Students work for real clients, who judge presentation one week after faculty critique. Helps build student portfolio work. Prerequisites: BA 311, Mktg 340.	
Fall 2015	M	Mth	211, 212, 213	Foundations of Elementary Mathematics I, II, III	4,4,4		Sequence.
Fall 2015	M	Mth	261	Introduction to Linear Algebra	4	Systems of linear equations, linear transformations, matrix algebra, vector spaces, and determinants. Prerequisites: Passing at the necessary level of the mathematics placement test within the last year (see Math Department webpage at mth.pdx.edu for information) or Mth 251 .	Description; prerequisite.
Fall 2015	M	Mth	356	Discrete Mathematics	4	Topics in discrete mathematics, including propositional logic, sets, relations, inverse functions, divisibility, induction, recurrences, inclusion-exclusion, permutations, combinations, graphs, graph coloring, and applications. Expected preparation: Mth 261. Prerequisite: Mth 253.	Prerequisite.
Fall 2015	M	Mth	488/588	Topics in Computing for Mathematics Teachers	4		Title.
Fall 2015	N	Mus	105	Introduction to Music Theory	3	Preparatory level of music theory introducing main terms and concepts: music notation, meter, beat, rhythm, intervals, circle of fifth, key signatures, major and minor scales, triads and dominant seventh chord, and their implementation in blues form and popular song. No previous musical knowledge required. Complements Practical Musicianship.	
Fall 2015	N	Mus	106	Aural Skills	3	Designed to train the student to aurally recognize meters, rhythms, intervals, triads and seventh chords. Students learn to sing melodies on sight as well as develop strategies for composing and harmonizing melodies for instrumental or vocal accompaniment.	
Fall 2015	N	Mus	128	Recording Live Music	4	Provides students with the skills necessary to set-up and operate professional sound reinforcement equipment. Guides students through the ins and outs of sound system components, setups, mixing and troubleshooting, as well as principles and concepts fundamental to live sound reinforcement. Provides video tutorials with hands-on demonstrations providing tips and techniques used in real live sound situations from indoor venues to outdoor stages.	
Fall 2015	N	Mus	129	Desktop Music Production	4	Provides students with the necessary skills and techniques to produce CD quality music using modern music technology. Students will learn to record and edit audio from a variety of sources, processing and effects, MIDI and Podcasting.	
Fall 2015	N	Mus	200	Musical Instruments	4	Study of the conventional classification, history, construction, and the use of instruments in classical, folk, and popular music. Instruments are explored in terms of: manner of producing sound, tuning and transposing, technical capabilities, virtuosity, and compatibility with other instruments/vocal parts as demonstrated in the literature. Develops aural recognition of each instrument.	
Fall 2015	N	Mus	228	Sound Design	4	Up-to-date introduction to the art of sound synthesis and sampling with special emphasis on today's technology and the evolving market place. Comprehensive overview of specific techniques for creating new sounds, capturing and manipulating existing sounds and application.	

Fall 2015	N	Mus	229	Recording Theory	4	Up-to-date introduction to the art of audio recording with special emphasis on today's technology and the evolving marketplace, Comprehensive overview of microphones, specific techniques for recording drums, individual instruments and vocals. Considerations for Home studio development are discussed including DAW selection and acoustic conditioning.
Fall 2015	N	Mus	231	Survey of Popular Music Since 1950	4	Informs students of musical, historical and social aspects of American popular music since 1950. Genres explored include rhythm and blues, country and western, rock and roll, punk, heavy metal and hip-hop.
Fall 2015	N	Mus	232	Music and Style	4	Focus on analysis of the inner workings of the nine selected compositions that marked the development of musical form and overall period style. Study of fugue, character piece, symphony, chamber forms, opera, and musical, and program and absolute music. Each week brings one significant piece.
Fall 2015	N	Mus	233	Music Notation	4	Provides students with thorough study in the principles of music notation, providing a comprehensive overview of specific techniques for creating music manuscripts that are not only correct in terms of notation, but legibly written and clearly communicating the composers' intentions.
Fall 2015	N	Mus	274	Introduction to World Music	4	Provides an insight into the abundance of trends called World Music. Explains what is considered world music and what is not. With a very broad approach, material samples every corner of the world through representative traditions, performing styles and instruments of different nations.
Fall 2015	N	Mus	377	World Music: Latin America and the Caribbean	4	The course presents Latin American musical genres and forms: bolero, bossa nova, choro, rumba, salsa, samba, tango, Latin pop. Against the backdrop of each country's historical circumstances, music and social dancing are used as an entry point to understanding political events, cultural trends, and a makeup of Latino cultural identities.
Fall 2015	N	NAS	334	Topics in Film Genres and Movements	4	Study of major aesthetic, cultural, and social movements in film. This is the same course as Eng 334 and may be repeated with different topics.
Fall 2015	N	NAS	335	Topics in Literature and Film	4	Study of the interplay between the textual and cinematic presentation: how these media have treated specific historical, social, and cultural phenomena, as well as the ways literature and film have inspired and influenced each other in terms of content, form, and audience. This is the same course as Eng 335 and may be repeated for credit with different topics.
Fall 2015	N	PA	316	Leadership in New Student Programs	3	Focus on developing an understanding of the transitional needs of students and their families upon entering Portland State University (PSU). Explores the demographics of students and identifies student development theory in relationship to New Student Programs. Key topics include: utilizing the Change Model of Leadership Development, teamwork, communication, student development, leadership development, and diversity.
Fall 2015	N	PA	544	International Field Experience	3	Students are teamed with counterpart public servants and public organizations in a foreign country to understand "what counts for success" in developing and implementing public policy initiatives. Students use this international comparative governance experience to reflect on the consequences for improving public service innovation and practices within their home organizations and jurisdictions in the United States. An additional important learning goal is to provide students with the knowledge and skills to work more effectively in cross-cultural team settings.
Fall 2015	N	PA	547	Culture, Values and Leadership	3	Students reflect the role of culture and values in shaping the role responsibilities of public service and nonprofit leaders. Draws from the fields of cultural anthropology, intercultural communication, and organizational theory to explore how public and nonprofit servants can become more effective through the integration of cultural diversity into their nonprofit and public service roles.
Fall 2015	N	PA	572	Columbia River Basin Governance	3	Uses Columbia River Basin governance as a case study to build an understanding of how organizational interests, culture, institutional identities, and values drive any collaborative governance framework. Examines the Basin's governance history and the interests of major institutional actors through reading, writing, and expert panel discussion. Expected preparation: PA 540 Administrative Theory and Behavior.

Fall 2015	N	PA	573	Smart Grid and Sustainable Communities: Making the Smart Grid Work	3	Provides students with a basic understanding of Smart Grid technology and the conditions that need to be in place for its success as a policy tool for reducing CO2 emissions. Students will be provided with the historical development of the technology and its current status from the standpoint of policy implementation. Expected preparation: PA 540 Administrative Theory and Behavior.	
Fall 2015	N	PA	574	Food and Agriculture Policy	3	Course explores food- and agriculture policy development and implementation at global, national, and local levels. Examines the social, economic and environmental aspects of food and agricultural systems, including impacts of trade and aid policies, the Farm Bill, food system frameworks, and cross-cutting issues including water resources, toxics, and social equity.	
Fall 2015	N	PHE	270	Basic Biomechanics	2	Designed to introduce the anatomical and mechanical principles of kinesiology and biomechanics and their influences upon human movement/physical activity to include; Fundamental principles of the anatomy related to the musculoskeletal system to include; basic muscular structure, functional anatomy of joints and basic principles of physics.	
Fall 2015	N	PHE	314	Research in Health and Fitness	4	Examines basic aspects of scientific research related to health and fitness. Topics include: reading and critically evaluating scientific research reports; reviewing interpretation of basic statistical analyses; investigating the fundamental skills for developing a research plan, including problem selection, literature review, instrumentation, ethics and sampling.	
Fall 2015	N	PHE	340	Motor Learning	4	Introduction to the principles and practice of motor learning as applied to physical education, physical fitness and sports related activities. Examination of the fundamental process of learning and teaching human movement patterns. the learner, and the process of teaching movement skills.	
Fall 2015	N	PHE	369	Public Health Law, Policy, and Ethics	4	This course will introduce the ways in which the public's health is impacted by public policy, law and ethics through the examination of real-world case studies. What health protections are individuals and communities entitled to, who are the players who determine and enforce public health law and policy, and what are the implications of the conflicts of interest that arise?	
Fall 2015	M	PHE	370	Applied Kinesiology	4	Overview of anatomical and mechanical bases of human movement. Review of biomechanical principles with applications to exercise and health. Prerequisite: PHE 270.	Prerequisite.
Fall 2015	M	PHE	414/514	Physical Activity in Public Health	3	Overview of topics relevant to the study of physical activity in the United States. Topics: review of physiological alterations related to physical activity; historical background of physical activity recommendations; measurement issues; community-based approaches to increasing physical activity; school-based physical activity programs; older adults and special populations; work site and health care settings.	Drop 414; description; credits from 4 to 3.
Fall 2015	M	PHE	417	Adapted Physical Education	4	Designed to give students a background in how to effectively teach physical activity to individuals with disabilities. Additionally, this course is constructed to facilitate the student's understanding of the specific characteristics of exceptional individuals in order to realize their limitations, and especially to maximize their potential.	
Fall 2015	M	PHE	421	Health Coaching Strategies	4	Concepts and techniques for work with individuals and groups on improving all areas of wellness including fitness, nutrition, weight, stress, and management of life issues that affect health. Program planning theories and models as well as practices for health education, including developing rapport, nonviolent communication, motivational interviewing and practice management. Students gain practical experience through live coaching demonstrations. Prerequisite: Twelve hours of upper-division coursework in PHE.	
Fall 2015	N	PHE	423/523	Business and Aging	4	Economic and business implications of population aging, including an exploration of demographic changes, the economic reality faced by today's older adults in work and retirement, and older adults as consumers. Also offered for graduate-level credit as PHE 523 and may be taken only once for credit.	
Fall 2015	M	PHE	478	Program Planning and Evaluation: Needs Assessment and Interventions	4	Examines program planning theories and models for health education. Includes needs assessment; program goals and objectives; interventions; program content and methodologies, measurement, and proposal writing. Students will gain practical experience in program planning through community-based learning. Field work required. This is the first course in a sequence of two: PHE 478 and PHE 479 and must be taken in sequence.	

Fall 2015	M	PHE	479	Program Planning and Evaluation in Health Education: Implementation and Evaluation	4	Examines program planning theories and models for health education. Includes implementation strategies and evaluation approaches; resource allocation, budgeting, marketing, evaluation design, data analysis and reporting. Students will gain practical experience in program planning through community-based learning. Field work required. This is the second course in a sequence of two: PHE 478 and PHE 479 and must be taken in sequence. Prerequisite: PHE 478.	
Fall 2015	N	PHE	515	Introduction to Biostatistics	4	Quantitative analysis and interpretation of health data including data types, graphical and numerical description, probability distributions, association and correlation, estimation intervals, and statistical inference using both parametric and nonparametric methods, with applied exercises worked both by hand and using statistical software.	
Fall 2015	N	PHE	527	Food Systems and Public Health	3	Examines public health effects of industrial and alternative food systems. Designed as an introductory course for students interested in exploring issues at the intersection of public health, equity, and the environment. Key course themes include: food consumption patterns, health inequities, food insecurity and hunger, healthy food environments, food animal production.	
Fall 2015	M	Phl	350	Morality and World Politics	4		Title.
Fall 2015	N	Phl	351	Philosophy of International Human Rights	4	Examination of concepts of human rights through classics of political philosophy, international human rights law and its development, and current high-profile cases of alleged violations of human rights.	
Fall 2015	N	Phl	352	Philosophy of International Law	4	Analysis of International Law through its philosophical foundations, major historical forms of implementation, and current roles in ameliorating global problems (e.g., war, poverty, and revolutions).	
Fall 2015	N	PS	472/572	Democratization and Authoritarianism in the Middle East and North Africa	4	Introduction to theoretical, empirical, and methodological debates in the comparative and international relations of the Middle East. Examination of contemporary political, economic, and social topics, including institutions and regimes, political economy, women and politics, Israeli-Palestinian conflict, and regional and international affairs. Also offered for graduate-level credit as PS 572 and may be taken only once for credit.	
Fall 2015	N	PS	478/578	Comparative Democratic Institutions	4	Examines differences in how democratic governments are structured across the globe and what these differences mean for governing. Explores differences both among and between presidential, parliamentary, and semi-presidential political systems. Examines federal and unitary political structures, and the role of supreme courts. Field trip to observe alternative democratic system. Also offered for graduate-level credit as PS 578 and may be taken only once for credit. Prerequisite: Upper-division standing.	
Fall 2015	M	Psy	480/580	Community Psychology: Empowerment, Action, and Social Change	4	Community Psychology seeks to understand the relationship between individual well-being and diverse environmental influences, from families and neighborhoods to culture and mass media. In this course, students will learn major theories and concepts in the field, apply them to pressing social issues, evaluate their implications for research, practice, and policy. Prerequisite: Upper-division standing.	Title, description, prerequisite.
Fall 2015	N	Soc	250	Introduction to Sociology for the Health Sciences	4	Comprehensive overview of sociological concepts that are important to the health sciences.	
Fall 2015	M	Soc	314	Alcohol and Other Drugs	4	Sociological analysis of the behavior and belief patterns relative to alcohol and other drugs in American society. Prevention and intervention strategies are briefly reviewed.	Course number; description.
Fall 2015	D	Soc	348	White Identities in the United States			
Fall 2015	N	Soc	380	Sports in Society	4	An objective examination of sports in America as social phenomena. Study of various socio-cultural structures, patterns, and organizations or groups involved with sports. Issues such as race, gender, and class within the context of sports will be explored through a critical sociological lens.	
Fall 2015	M	Soc	426/526	Gender and Mental Health	4	Social and historical explanations of, and research on, mental illness and mental health, with a focus on gender. Contemporary distributions, diagnoses, and treatments of mental illness among men and women are examined. Focus on psychiatric disorder and gender-based discourse. Prerequisite: Soc 200.	Title; description.

Fall 2015	M	Soc	598/698	Globalization Seminar	4	Analysis of the ways in which economic patterns that reach across national boundaries affect the security of communities and their standards of living. Topics include how different economic classes fare in the rapid reshuffling of national economies that globalization entails; the role of international institutions in shaping economic globalization; the experience and responses of workers as a group; and the role of states in facilitating or resisting the adverse impacts of globalization. Also offered as Soc 698 and may be taken only once for credit.	Drop 498; add 698.
Fall 2015	N	Soc	528/628	Gender Inequality	4	Explore sociological scholarship on topics related to gender inequality. Emphasis on examining the intersection of gender with race, ethnicity, class, and sexuality. Major focus will be evaluating the theoretical, methodological, and empirical contributions of scholarship in the area of gender inequality. Also offered as Soc 628 and may be taken only once for credit.	
Fall 2015	N	Soc	537/637	Qualitative Data Analysis	4	Introduction to three techniques for analyzing qualitative data: software-based analysis using ATLAS.ti, Grounded Theory, and Thematic Analysis. Practical orientation, emphasizing hands-on experience with these techniques. Most useful for students engaged in data collection. Also offered as Soc 637 and may be taken only once for credit.	
Fall 2015	N	Soc	538/638	Integrating Qualitative and Quantitative Methods	4	Research designs for combining qualitative and quantitative methods that have reasonably well-understood benefits, and can be implemented in a relatively straightforward fashion. The value of pragmatism as a philosophical paradigm for doing mixed methods research will also be considered. Also offered as Soc 638 and may be taken only once for credit.	
Fall 2015	N	Soc	539/639	Focus Groups Interviewing	4	A practically oriented course which teaches the methods of conducting research using focus groups. Course will follow the steps involved in conducting a research project that uses focus groups. Related methods, dyadic interviewing, and hands on training are at the center of this course. Also offered as Soc 639 and may be taken only once for credit.	
Fall 2015	M	Span	301	Third Year Spanish	4	Spanish language study to help develop advanced proficiency. Intensive grammar instruction in preparation for upper division courses in culture, linguistics and literature. Emphasis on speaking, listening comprehension, reading, and writing skills for analysis and research. This is the first course in a sequence of three: Span 301, Span 302, and Span 303. It is preferable to take the sequence in order.	Description.
Fall 2015	M	Span	302	Third Year Spanish	4	Spanish language study to help develop advanced proficiency. Intensive grammar instruction in preparation for upper division courses in culture, linguistics and literature. Emphasis on speaking, listening comprehension, reading, and writing skills for analysis and research. This is the second course in a sequence of three: Span 301, Span 302, and Span 303. It is preferable to take the sequence in order.	Description.
Fall 2015	M	Span	303	Third Year Spanish	4	Spanish language study to help develop advanced proficiency. Intensive grammar instruction in preparation for upper division courses in culture, linguistics and literature. Emphasis on speaking, listening comprehension, reading, and writing skills for analysis and research. This is the third course in a sequence of three: Span 301, Span 302, and Span 303. It is preferable to take the sequence in order.	Description.
Fall 2015	M	Span	345	Present-Day Cultural and Literary Expression	4	Study of present-day Spanish and/or Hispanic American literary practices, works, and new media and works in global and digital contexts. Prerequisites: Span 301, Span 302, and Span 303.	Prerequisite.
Fall 2015	N	Span	395	Spanish in the World	4	The expansion of Spanish through media, Spanish and the other official languages of the Iberian Peninsula, Spanish in the USA, and the language politics of Latin America. Prerequisite: Span 303 or concurrent enrollment.	
Fall 2015	N	Span	495/595	Spanish Dialectology	4	Study of Spanish dialects with attention to geographic regions that differentiate the Spanish speaking world including official and unofficial varieties of Spanish in Europe, the Americas, Africa, and Asia. Also offered for graduate-level credit as Span 595 and may be taken only once for credit. Prerequisite: Span 325.	
Fall 2015	N	SpEd	487/587	Introduction to Infant Toddler Mental Health	3		

Fall 2015	N	SpEd	588	Foundations of Applied Behavior Analysis	3	Introduction to the Board Certified Behavior Analyst (BCBA) course sequence designed to prepare students to take the BCBA exam. Specifically designed to provide students with the knowledge of ABA terms as well as the application of positive behavior support and technological methods specific to the needs of your community. This is the first course in a sequence of six: SpEd 588, SpEd 589, SpEd 590, SpEd 591, SpEd 592, SpEd 593 and must be taken in sequence. Prerequisite: Admission to the PSU BCBA program.
Fall 2015	N	SpEd	589	Behavioral Assessment	3	Designed for students to learn the fundamental elements of behavior assessment, how to identify behaviors appropriate for behavioral assessment, selecting behavior goals and strategies, ethical and professional issues that may arise during the process of behavioral assessment. This is the second course in a sequence of six: SpEd 588, SpEd 589, SpEd 590, SpEd 591, SpEd 592, SpEd 593 and must be taken in sequence. Prerequisite: Admission to the PSU BCBA program.
Fall 2015	N	SpEd	590	Positive Behavior Support	5	This course is designed for students to learn the positive behavior support method, selecting appropriate and effective strategies to address behavior goals including the use of technology, and responding to ethical and professional issues that may arise during the process of implementing behavior support methods. This is the third course in a sequence of six: SpEd 588, SpEd 589, SpEd 590, SpEd 591, SpEd 592, SpEd 593 and must be taken in sequence. Prerequisite: Admission to the PSU BCBA program.
Fall 2015	N	SpEd	591	Single Subject Design	5	This course in the single subject research method applies knowledge of applied behavior analytic interventions based on the Behavior Analyst Certification Board (BACB®) Foundational Knowledge List. This is the first of two research courses in the Board Certified Behavior Analyst (BCBA) sequence to prepare students to take the BCBA exam. This is fourth course in a sequence of six: SpEd 588, SpEd 589, SpEd 590, SpEd 591, SpEd 592, SpEd 593 and must be taken in sequence. Prerequisite: Admission to the PSU BCBA program; SpEd 588, SpEd 589, SpEd 590.
Fall 2015	N	SpEd	592	Ethics in ABA	4	This course is specifically designed to provide students with the knowledge of ethics within the field of ABA as well as ethical application of positive behavior support and technological methods specific to the needs of your local community identified in the technology project for this course. This is fifth course in a sequence of six: SpEd 588, SpEd 589, SpEd 590, SpEd 591, SpEd 592, SpEd 593 and must be taken in sequence. Prerequisite: Admission to the PSU BCBA program; SpEd 588, SpEd 589, SpEd 590, SpEd 591.
Fall 2015	N	SpEd	593	Advanced Single Subject Design	4	Designed for students to learn measurement and design considering behavior change, system support, implementation, management, supervision and ethical and professional issues relevant to the practice of behavioral intervention and research design. This is sixth course in a sequence of six: SpEd 588, SpEd 589, SpEd 590, SpEd 591, SpEd 592, SpEd 593 and must be taken in sequence. Prerequisites: Admission to the PSU BCBA program; SpEd 588, SpEd 589, SpEd 590, SpEd 591, SpEd 592.
Fall 2015	N	SpHr	385	Autism Spectrum Disorders	4	Examines current issues related to diagnosis and intervention for children and adolescents with autism spectrum disorders (ASD). It focuses on current research related to theories of development across varied domains (social and communicative, motor, sensory, cognitive and adaptive behaviors) and interdisciplinary practice for serving children with ASD.
Fall 2015	N	SpHr	465	Introduction to Research Methods for Clinical Scientists	4	Covers designs and data interpretation methods used in clinical research. Validity threats are highlighted and discussed in the context of clinical studies. Focus on application of research principles in the evaluation of journal articles, with the goal of enabling students to critically review the literature. Prerequisites: Stat 243, Stat 244 or equivalent.
Fall 2015	N	SpHr	587	Advanced Topics in Literacy in Children with Language Impairments	2	Current topics specific to literacy disorders in children and adolescents with language impairment and other communication disorders. Specific topics may include review of typical literacy development, classification of literacy disorders, perspectives in teaching literacy, and assessment and intervention in areas including decoding, spelling, reading comprehension, digital literacy and written language. Prerequisite: SpHr 585.

Fall 2015	N	Stat	241	Application of Statistics for Business	4	Introduction of statistical analysis as part of management practice. Content includes statistical analysis, theoretical foundations and tools, as they relate to the application of statistics to problem solving in uncertain business environments. Emphasizes application of statistical tools to real world datasets and ability of students to make managerial recommendations. Prerequisite: Mth 95 or placement.	
Fall 2015	N	Stat	351	Probability and Statistics for Electrical and Computer Engineering	4	An introduction to applied probability, statistics, and data analysis. Sample spaces, probability laws, discrete and continuous probability models, sampling theory, point and interval estimation, hypothesis testing, regression, correlation, experimental design, analysis of variance, computer simulation and computation in Matlab. Applications to problems of current interest to electrical and computer engineers. Prerequisite: Mth 252	
Fall 2015	N	Stat	353	Exploratory Data Analysis and Stats for Mechanical and Materials Engineering	4	A statistics course with the main emphasis on understanding data from mechanical engineering applications. Computer-based methods and the R software are used extensively. Descriptive statistics, probability and Bayes' Rule are introduced. Formal inference and hypothesis testing are presented with methods of regression and analysis of variance. Prerequisite: Mth 252	
Fall 2015	M	Stat	451/551	Applied Statistics for Engineers and Scientists I	4/3	Sample spaces, probability, counting measures, discrete and continuous probability models, sampling theory, and computer applications. Also offered for graduate-level credit as Stat 551 and may be taken only once for credit. This is the first course in a sequence of two: Stat 451 and Stat 452 and must be taken in sequence.	Description.
Fall 2015	M	Stat	452/552	Applied Statistics for Engineers and Scientists II	4/3	Point and interval estimation, hypothesis testing, regression, correlation, experimental design, analysis of variance, multivariable experiments, nonparametrics, statistical quality control, and computer applications. Also offered for graduate-level credit as Stat 552 and may be taken only once for credit. This is the second course in a sequence of two: Stat 451 and Stat 452 and must be taken in sequence.	Description.
Fall 2015	N	Stat	572	Bayesian Statistics	3	Modern applied Bayesian methods including Markov Chain Monte Carlo methods for analyzing multivariate posterior distributions. Computing will be done primarily in R using standard libraries for sampling. Prerequisites: Stat 461 or Stat 561.	
Fall 2015	N	SW	320	Introduction to Child Welfare	4	An overview of the child welfare systems. Introduction to the identification, treatment of child abuse and neglect. Present historical and current development of child welfare systems in the United States, discussion of the key practice considerations human service professionals working with maltreated children and their families address.	
Fall 2015	N	SW	514	Cultural and Spanish Language Immersion for Social Workers Costa Rica	3	Course includes culture and language classes with visits to social service agencies in Costa Rica. Course will prepare students to offer social work services in multicultural, multilingual settings through the context of social work values and ethics and with special attention to anti-oppressive and non-discriminatory practice with diverse populations.	
Fall 2015	N	SW	516	Motivational Interviewing	3	Teaches the central theoretical and empirical tenets of Motivational Interviewing (MI), as well as the clinical skills necessary to deliver the intervention to a wide range of clients in diverse settings. Students will learn and practice both the spirit and techniques of motivational interviewing.	
Fall 2015	N	SW	517	Health Across the Lifespan I	3	This is a three-term advanced concentration course for students in health related settings. Focus on self-awareness, ethics, chronic disease, teamwork, disparities, health literacy, and use of interpreters. Role of social work across numerous settings explored. Relevant legal reporting, medical terminology and introduction to theory. Prerequisite: SW 511 or SW 589.	
Fall 2015	N	SW	518	Health Across the Lifespan II	3	Advanced concentration course for students in health related settings. Intervention and assessment modalities and important practice theories. Transitional planning across the continuum of care, health reform, integrated medicine, advance care planning, moral distress, critical thinking about medical model and oppression, navigation of team dynamics, bias, privilege, pain management. Prerequisite: SW 517.	

Fall 2015	N	SW	519	Health Across the Lifespan III	3	Advanced concentration course for students in health related settings. Peer consultation, ethics committees, social determinants of health, group work, surrogate decision making, harm reduction models, assessment tools, intervention and evaluation of practice, NASW Practice Standards, basic pharmacology, policy related to systems of care. Prerequisite: SW 518.	
Fall 2015	N	SW	521	Advanced Anti-Oppressive Practice	3	This course builds student capacity for anti-oppressive practice in the micro and mezzo practice arenas, with an emphasis on the micro levels of intervention. The focus is on the positional privilege of social worker and the oppression experiences of service users (clients) and communities.	
Fall 2015	M	SW	526	Applied Ethics and Law in Social Work Practice	3	Apply ethical theory, law, policy, and codes to actual social work practice cases and situations. Consider the role of individual free will, and strategies to address the influence of personal values and biases. Explore the interpretation and application of Oregon statutes to social work practice.	Title: description.
Fall 2015	N	SW	528	Facilitation of Multidisciplinary/Care Coordination Team Meetings	3	Addresses the theoretical foundations, applications and facilitation skills required for collaborative participatory decision-making in the context of social work practice across populations. Develop framework for facilitating in-depth strengths, needs assessment and problem solving. Gain understanding and skills in balancing power dynamics, clinical perspectives, and timely decision-making within agency parameters.	
Fall 2015	M	SW	533	Clinical Social Work Practice I	3	This is a three term clinical concentration course that provides advanced theory-based practice from multiple theoretical perspectives. Special attention will be paid to relational self-awareness, cultural responsiveness, ethics, evidenced-based principles and intervention with individuals, families, and groups. This is the first course in a sequence of three: SW 533, SW 534, SW 535 and must be taken in sequence. Co-requisite: SW 512. Prerequisite: SW 511 or SW 589 (Advanced standing only).	Title; description; co-requisite; prerequisite.
Fall 2015	M	SW	534	Clinical Social Work Practice II	3	The second in a three-course sequence, course addresses the family of origin perspective on family systems theory. Students deepen self-awareness related to their diversity and positionality in providing clinical services. Understanding and managing one's reactivity in clinical interactions is a focus. Other theories are integrated. This is the second course in a sequence of three: SW 533, SW 534, SW 535 and must be taken in sequence. Co-requisite: SW 512. Prerequisite: SW 533.	Title; description; co-requisite; prerequisite.
Fall 2015	M	SW	535	Clinical Social Work Practice III	3	This course integrates knowledge from previous courses and field practicum. Students are provided an opportunity to develop and articulate their personal theoretical orientation or practice model, an essential step in beginning a career as a professional clinical social worker. Professional issues and licensing will be addressed. This is the third course in a sequence of three: SW 533, SW 534, SW 535 and must be taken in sequence. Co-requisite: SW 512. Prerequisite: SW 534.	Title; description; co-requisite; prerequisite.
Fall 2015	N	SW	542	Social Work in Native American Communities	3	Introduces and expands social work knowledge and methods appropriate for working with tribal and urban Indian communities. The historical, social and cultural contexts of social work practice with individuals, families, groups, and communities in Indian Country will be examined.	
Fall 2015	N	SW	543	The African American Family: Multigenerational Trauma and Issues of Violence	3	Exposes students to historical events and policies which have led to contemporary social problems and structural inequalities that continue to negatively impact African Americans. Will provide practical tools to inform practice at the five levels of service and empower individuals, families, groups, organizations and communities throughout the change process.	
Fall 2015	M	SW	544/644	Mid-Life and Beyond	3	Focuses on development in mid and late adulthood from a lifespan perspective. Promotes appreciation of the developmental potential for normal and healthy aging. Explores demographic, socio-historical and developmental characteristics of currently emerging older adults. Focuses on current developmental theories in social cognition and identity development in mid and late adulthood.	Description: prerequisite.
Fall 2015	M	SW	555	Social Work Perspectives on Mental Health Disorders	3	Reviews and analyzes mental disorders from DSM-5 perspectives and variables that reshape and redefine concepts and definitions of mental health and illness. The development, use, influence, and limitations of DSM are considered from various contexts. Examines strategic approaches to assessment, diagnosis, and intervention from the recovery philosophy and SW perspectives. Prerequisite: SW 530 or SW 589.	Description: prerequisite.

Fall 2015	M	SW	558	Abuse and Trauma: Theory and Intervention	3	Examines the impact of trauma and abuse on adults, children, and families. Acute and long-term sequelae will be identified, emphasizing the interaction of traumatic and developmental effects. An integrative biopsychosocial intervention model for working with individuals, groups, and families will be explored through multiple theoretical lens. Prerequisite: SW 530 or SW 589.	Description; prerequisite.
Fall 2015	M	SW	560	Understanding and Working with LGBT Populations in Social Work	3	Explore current theory of privilege and oppression that applies to sexual orientation/ gender/gender identity/gender expression. Emphasis on combating oppression and discrimination in professional, personal, community, and social environments, and in developing affirming SW practices. Focus on students engaging in experiential learning that challenges their internalized and socially constructed beliefs.	Title: description.
Fall 2015	M	SW	571	Substance Use, Abuse and Addiction and Social Work Practice	3	Provide students with a foundation in direct and indirect practice issues with clients, families and communities challenged by substance abuse and addiction. Assist students in further developing and integrating their social work practice frameworks with deeper understanding and skill regarding the psychodynamic, biological and ecological nature of substance abuse disorders.	Description; prerequisite.
Fall 2015	M	SW	575	Multicultural Social Justice Work in Action	3	Examine current perspectives on multicultural SW practices for individuals, families and groups marginalized due to race, ethnicity, economic status, sexual identity, and immigration. Develop strategies to provide holistic, empowering and culturally-responsive services based on assessment, engagement and intervention and the liberation health SW model. Prerequisites: SW 539 and SW 530, or SW 589.	Description; prerequisite.
Fall 2015	M	SW	585	Fund Development and Grant Writing	3	Deepening understanding of funding role and development in nonprofit industry. Application of fundraising strategies and grant writing to create or recreate innovative programs and marketing strategies. Develop program & budgeting, accurate case statements and messages, draft grant applications and learn to create and sustain authentic long term fund development strategies.	Description; prerequisite.
Fall 2015	N	SW	586	Children, Youth and Families I	3	Advanced concentration course for students working with children, youth, and families. Focus on ethics, self-reflection and identity, and social location, critical analysis, and multi-disciplinary system work. Theories and frameworks for multidimensional assessments are examined. This is the first course in a sequence of three: SW 586, SW 587, SW 588 and must be taken in sequence. Co-requisite: SW 512. Prerequisite: SW 511 or SW 589.	
Fall 2015	N	SW	587	Children, Youth and Families II	3	Advanced concentration course for students interested in working with children, youth, and families. Student will continue to explore, learn, and apply methods for multi-systemic social work practice. Demonstration of practice methods and skills for working through barriers created by social policies that impact children, youth, and families will be addressed. This is the second course in a sequence of three: SW 586, SW 587, SW 588 and must be taken in sequence. Prerequisite: SW 586.	
Fall 2015	N	SW	588	Children, Youth and Families III	3	Third advanced concentration course for students interested in working with children, youth, and families. The course requires a deepening of practice skills. Students address secondary traumatization, burnout, and self-care. Also will examine impact of policy on service-users and promoting service user influence on policy. This is the third course in a sequence of three: SW 586, SW 587, SW 588 and must be taken in sequence. Prerequisite: SW 587.	
Fall 2015	M	SW	589	Advanced Standing Seminar	2	Seminar connects BSW and advanced MSW curriculum, discusses social work values and ethics, reviews the assessment process at five levels of social work practice, introduces incoming students to social work practice in Oregon, and assists students with successful entry into their advanced field placement.	Description.
Fall 2015	M	SW	591	Child and Adolescent Behavior and Development in the Social Environment: Advanced Theory and Research	3	Builds on micro and macro Human Behavior in the Social Environment and research methods. Presents ecological-developmental framework and culturally sensitive theories for understanding individual, family, peer, school, community, and societal influences on child and adolescent behavior and development. Presents prevention framework for using research-based knowledge of behavior and development. Prerequisite: SW 540 or SW 589.	Description; prerequisite.

Fall 2015	N	SW	593	Practice and Leadership with Communities and Organizations I	3	This course anchors the three-quarter advanced concentration for social work practice and leadership in community and organizational contexts, advancing skills in empowering individuals, organizations and communities for just solutions to social problems. This is the first course in a sequence of three: SW 593, SW 594, SW 595 which must be taken in sequence. Prerequisite: SW 511 or SW 589.	
Fall 2015	N	SW	594	Practice and Leadership with Communities and Organizations II	3	The second course of a three-term sequence is focused on group work, organizational and community assessments. This course is designed to look at features of organizational and community action planning including building coalitions, with emphasis on popular education, increasing equity, and reducing disparities. This is the second course in a sequence of three: SW 593, SW 594, SW 595 which must be taken in sequence. Prerequisite: SW 593.	
Fall 2015	N	SW	595	Practice and Leadership with Communities and Organizations III	3	In the third term of this course sequence involves building student skills in social transformation, at both the organizational and community level, with heightened focus on improving public policy. Students will build skills for practicing policy advocacy from inside and outside the system. This is the third course in a sequence of three: SW 593, SW 594, SW 595 which must be taken in sequence. Prerequisite: SW 594.	
Fall 2015	M	TA	111	Stagecraft	3	An introduction to backstage fundamentals and the tools and techniques used to build scenery and stage props; also covered are: stage machinery, rigging, and basic lighting and sound system implementation.	Title; description; co-requisite-remove TA 114.
Fall 2015	D	TA	112	Technical Theater 2			
Fall 2015	D	TA	114	Technical Theater Production			
Fall 2015	D	TA	115	Technical Theater Production			
Fall 2015	N	TA	121	Introduction to Design for Theater	4	Introduces the four primary fields of theatrical design - scenery, costumes, lighting and sound, with an emphasis on analysis, research, and the exploration of design ideas. Basic artistic skills and techniques introduced to aid development of the skills required to communicate design. Technical skills are not required.	
Fall 2015	N	TA	134	Workshop Theater: Scenery, Costume and Lighting Production I	1	A study and practical application of skills related to scenery, costume, and lighting for the theatre. Students will learn through participating on construction and implementation and/or run crews for the departmental production.	
Fall 2015	N	TA	151	Introduction to Theater Arts and Practices	4	Investigates theater as both a dramatic art and an industry. Students introduced to topics in theater history, playwriting, performance, design, and theater management. Students exposed to a variety of productions and theater professions in the Portland community.	
Fall 2015	M	TA	201	Script Analysis	4		Course number.
Fall 2015	N	TA	234	Workshop Theater: Scenery, Costume and Lighting Production II	1	A study and practical application of skills related to scenery, costume, and lighting for the theatre. Students will learn through participating on construction and implementation and/or run crews for the departmental production. 200 level workshops assume familiarity with the shop(s); a higher level of responsibility will be expected. Prerequisite: TA 134.	
Fall 2015	M	TA	248	Acting I: Process	4	The first acting class for the major. Emphasis on the building blocks of actor technique leading into scene work: text analysis for the actor, preparation, commitment, character arc, boldness, rhythm, living a life onstage, and collaboration. This course is rigorous and demands outside time commitment for rehearsal. Prerequisites: TA Major; Sophomore standing.	Prerequisite.
Fall 2015	M	TA	334	Workshop Theater: Scenery, Costume and Lighting Production III	1-2	A continued study and practical application of the skills learned in TA 134 & TA 234 as they relate to scenery, costume, and lighting for the theatre. At the 300 level students are expected to take on advanced projects and leadership responsibilities. Prerequisites: TA 134 or TA 234 and upper-division standing.	Title; description; prerequisites; credit hours.
Fall 2015	D	TA	336	Workshop Theater: Costume Production			
Fall 2015	M	TA	363	Development of Dramatic Art I	4		Course number; title.
Fall 2015	M	TA	364	Development of Dramatic Art I	4		Course number; title.
Fall 2015	M	USP	452	GIS for Community Development	4		Lab hours.

Fall 2015	M	USP	550	Participatory Planning	3	Examines the principles and methods for creating participatory planning. Demonstrates the linkage between frameworks and concepts such as collaborative planning, deliberative democracy, equity planning, and the co-production of plans and applied work. Considers various processes, techniques, and tools to foster equitable community engagement. Students design a participatory process for clients.	Title; description; credits.
Fall 2015	N	USP	574	Socio-Technical Change in the City	4	At the core of the urban sustainability challenge is how societies build, maintain and reform socio-technical systems—linking actors, institutions and values to the built and natural environment. Drawing from science and technology studies, this course analyzes socio-technical systems and the challenges to navigating them along more sustainable trajectories.	
Fall 2015	N	USP	576	Feeding the City	4	Introduction to historical and contemporary efforts to foster more just and sustainable urban food systems. Integrates critical social science perspectives, applied planning literature, case studies, and analysis of policy and planning best practices.	
Fall 2015	N	USP	589	Theorizing Urban Natures	4	This seminar examines various ways of understanding urban "nature". Students will contrast dominant ecological frameworks with those used in the social sciences (e.g., urban political ecology, actor-network theory), with attention to the social, political, and economic contexts in which they arose, and implications of each for research, practice, and politics.	
Fall 2015	M	Wr	228	Media Writing	4	An introductory course in media reporting and writing. Focus on identifying newsworthiness, writing leads, constructing news stories, interviewing, and attributing quotes. Students learn to gather local news, writing some stories in a computer lab on deadline. Expected preparation: Wr 121 or Freshman Inquiry. May be repeated once for a total of 8 credits.	Title; description.
Fall 2015	M	Wr	328	Media Editing	4	Preparation of news and feature stories for publication. Emphasis is on line editing, copy editing, editorial troubleshooting, headline writing, layout, and integration with multimedia. Prerequisite: Wr 228.	Title; description.
Fall 2015	M	Wr	428/528	Advanced Media Writing	4	Building on the journalism skills learned in Media Writing and Media Editing, students use Portland to cover and write stories from community sources. Students are also introduced to reporting on a regular basis from news beats of their choosing. Also offered for graduate-level credit as Wr 528 and may be taken only once for credit. Expected preparation: Wr 328. Prerequisite: Upper-division standing.	Title; description.
Fall 2015	M	Wr	460/560	Introduction to Book Publishing	4	Provides a detailed overview of the publishing process, organized around the division of labor, including introductions to contemporary American publishing, issues of intellectual commerce, copyright law, publishing contracts, book editing, book design and production, book marketing and distribution, and bookselling. Based on work in mock publishing companies, students prepare portfolios of written documents, i.e., book proposals, editorial guidelines, design and production standards, and marketing plans. Guest speakers from the publishing industry and field trips provide exposure to the industry. Also offered for graduate-level credit as Wr 560 and may be taken only once for credit. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 331 or Wr 333 or Wr 394 or Wr 399.	Prerequisite.
Fall 2015	M	Wr	461/561	Book Editing	4	Provides a comprehensive course in professional book editing, including editorial management, acquisitions editing, substantive/developmental editing, and copyediting. Issues specific to both fiction and nonfiction books will be covered. Also offered for graduate-level credit as Wr 561 and may be taken only once for credit. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 331 or Wr 333 or Wr 394 or Wr 399.	Prerequisite.
Fall 2015	M	Wr	462/562	Book Design Software	4	Comprehensive course in professional book design and production. Issues specific to the design of fiction and nonfiction books in a variety of genres and markets will be covered, including the applications of both old and new technologies in design and production. Also offered for graduate-level credit as Wr 562 and may be taken only once for credit. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 331 or Wr 333 or Wr 394 or Wr 399.	Title; description; prerequisites.

Fall 2015	M	Wr	463/563	Book Marketing	4	Comprehensive course in professional book marketing. Issues specific to the marketing of fiction/ nonfiction books in variety of genres and markets will be covered. Students will do market research, produce marketing plans, write press releases, write advertising copy, and develop related marketing materials. Also offered for graduate-level credit as Wr 563 and may be taken only once for credit. Prerequisite: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 331 or Wr 333 or Wr 394 or Wr 399..	Title; description; prerequisites.
Fall 2015	M	Wr	464/564	Business of Book Publishing	4	Comprehensive course in the business of book publishing. Topics covered include publications management, accounting, book production, distribution, and bookselling. Students learn how a variety of agents, including publishers, publishing services companies, distributors, wholesalers, bookstores, etc., are organized. Also offered for graduate-level credit as Wr 564 and may be taken only once for credit. Prerequisite: Wr 460.	Title; description; prerequisite.
Fall 2015	M	Wr	471/571	Typography, Layout and Production	4	Comprehensive course in professional book design and production. Issues specific to the design of fiction and nonfiction books in a variety of genres and markets will be covered. Also offered for graduate-level credit as Wr 571 and may be taken only once for credit. Prerequisite: Wr 462.	Title; description; prerequisite.
Fall 2015	M	Wr	472/572	Copyediting	4	Learn how to improve the clarity, coherency, consistency, and correctness of other people's writing through application of grammatical and stylistic guidelines. Study grammar, usage, punctuation, and style. Narrow focus on editing at the line and substantive level, with little to no attention given to broad development of a manuscript. Also offered for graduate-level credit as Wr 572 and may be taken only once for credit. Prerequisite: Wr 461.	Prerequisite.
Fall 2015	M	Wr	473/573	Developmental Editing	4	Explores the relationship between an editor, a writer, and the work in the process of developmental editing—also known as global, substantive, or comprehensive editing. Examines historically significant editor/author relations, how the editorial process and relationships have changed over time, and how editorial expectations shift based on the expectations of the publisher, the constantly changing global marketplace, and the introduction of new technologies. Also offered for graduate-level credit as Wr 573 and may be taken only once for credit. Prerequisite: Wr 461.	Prerequisite.
Fall 2015	M	Wr	474/574	Publishing Studio	4	Perform the work of a real publishing house, from acquiring manuscripts to selling books. Gain publishing experience by participating in the various departments of a student-staffed publishing house, Ooligan Press. Departments include Acquisitions, Editing, Design and Sustainable Production, Marketing, External Promotions, Sales, Digital Content, Social Media, and Project Management and Operations. Also offered for graduate-level credit as Wr 574; may be taken multiple times for credit. Prerequisite: Wr 475.	Description; prerequisite.
Fall 2015	M	Wr	475/575	Publishing Lab	4	Perform the work of a real publishing house, from acquiring manuscripts to selling books. Gain publishing experience by participating in the various departments of a student-staffed publishing house, Ooligan Press. Departments include Acquisitions, Editorial, Design, Marketing and Sales, Digital, and Social Media. Also offered for graduate-level credit as Wr 575; may be taken multiple times for credit. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 331 or Wr 333 or Wr 394 or Wr 399.	Description; prerequisite.
Fall 2015	M	Wr	476/576	Publishing for Young Adults	4	Study the techniques commonly deployed by writers and publishers of young adult and middle grade literature. Also offered for graduate-level credit as Wr 576 and may be taken only once for credit.	Prerequisite.
Fall 2015	M	Wr	477/577	Children's Book Publishing	4	Study the techniques commonly used by writers and publishers of children's literature. Also offered for graduate-level credit as Wr 577 and may be taken only once for credit. Prerequisites: Wr 300 or Wr 312 or Wr 313 or Wr 323 or Wr 324 or Wr 327 or Wr 328 or Wr 330 or Wr 331 or Wr 333 or Wr 394 or Wr 399.	Prerequisite.
Fall 2015	D	Wr	478/578	Publications Management	4		
Fall 2015	M	Wr	565	Intellectual Propoerty and Copyright	4	Outlines opportunities and pitfalls faced by writer (editor, graphic designer, artist) in legal and ethical spheres. Copyright law, U.S. First Amendment law, defamation, right of privacy, trademark, trade secret law. Discusses the importance of the Internet in rethinking copyright and intellectual property rules. Also offered for undergraduate-level credit as Wr 465 and may be taken only once for credit.	Course number.

Fall 2015	M	WS	305	Women of Color Feminist Theory	4	Examines the theoretical contributions of women of color to feminist theory, scholarship, and activism in both national and transnational contexts.	Title; description.
Fall 2015	N	WS	480/580	Introduction to Critical Disability Studies	4	Introduction to critical disability studies, what it is, and what it is not. Through lectures, readings, guest speakers, assignments and small group discussion, students will engage with each other to encourage application of new concepts in their current and future academic and personal lives. Prerequisite: Senior standing or instructor approval.	
Fall 2015	N	WS	481/581	Disability and intersectionality	4	Focuses on intersectionality in the context of disability. Explores the historical and current contexts of disability in combination with race, ethnicity, gender, sexuality, and social class. Students engage with the application of these new concepts in their current and future studies and personal lives. Prerequisite: WS 480/580.	
Fall 2015	N	WS	583	Critical Disability Studies Service Learning I	2	The foci of the 3 quarter sequence are to: prepare students to be culturally responsive change agents working equitably with people with disabilities, provide an opportunity for students to work cooperatively with disability communities, and result in an in-depth study of a policy impacting people with disabilities. This is the first course in a sequence of three: WS 583, WS 584, WS 585 and must be taken in sequence. Prerequisites: WS 580, WS 581.	
Fall 2015	N	WS	584	Critical Disability Studies Service Learning II	2	The foci of the 3 quarter sequence are to: prepare students to be culturally responsive change agents working equitably with people with disabilities, provide an opportunity for students to work cooperatively with disability communities, and result in an in-depth study of a policy impacting people with disabilities. This is the second course in a sequence of three: WS 583, WS 584, WS 585 and must be taken in sequence. Prerequisites: WS 580, WS 581, WS 583.	
Fall 2015	N	WS	585	Critical Disability Studies Service Learning III	2	The foci of the 3 quarter sequence are to: prepare students to be culturally responsive change agents working equitably with people with disabilities, provide an opportunity for students to work cooperatively with disability communities, and result in an in-depth study of a policy impacting people with disabilities. This is the third course in a sequence of three: WS 583, WS 584, WS 585 and must be taken in sequence. Prerequisites: WS 584.	

Removes prerequisite of BA 101.					
Was Bi 251, 252, 253.					

Adding 440 to existing ELP 540.					
From 2 to 4 credits.					

Was TA 480/580.					

Was Intl 463.					

Was Soc 414; drop 514.					

Was TA 301.					
Was TA 464.					
Was TA 465.					

