

2007

Curriculum Change 2007-2008

Portland State University

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New Courses and Course Changes
Effective Fall 2007

COLLEGE OF LIBERAL ARTS AND SCIENCES
Anthropology

Anth 318

Asian American Experience (4)

Explores the contemporary experiences of Asian immigrants to the United States, focusing on issues of migration, family adjustments, community formations, and identity constructions among diverse groups of Asians including Chinese, Japanese, Korean, Filipino, Vietnamese, South Asians, and others.

Recommended: Anth 103. [NEW]

*Anth 457/557

Hunter-Gatherers (4)

An investigation of the economic and social diversity among modern and ancient hunter-gatherers and the theories and methods used by archaeologists to investigate and explain that diversity. Examines topics such as the evolution of hunting and gathering, hunter-gatherer settlement and mobility strategies, social complexity among hunter-gatherers and hunter-gatherers in the modern world. Recommended:

Anth 102, 350. [NEW]

Biology

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. Recommended: Bi 253.

[CHANGE TITLE, DESCRIPTION, CREDIT HRS. FROM 4 TO 5]

Chemistry

Ch 440/540, 441/541, 442/542

Physical Chemistry (4, 4, 4)

The study of thermodynamics, phase and chemical equilibria, solutions, electrochemistry, reaction rates and mechanisms, quantum mechanics, spectroscopy, electron transport, molecular modeling and statistical mechanics. Recommended: Ch 320, Ph 213, and Mth 253. [CHANGE PREREQUISITES, CREDIT HRS FROM 3, 3, 3 TO 4, 4, 4]

Ch 694

Nucleic Acid Structure and Function (4)

Comprehensive examination of nucleic acid structure-function relationships at the molecular level.

Geometry of DNA and RNA will be presented, along with the impact this has on gene expression. DNA structural thermodynamics and RNA-directed catalysis will also be covered. Prerequisites: completion of a full year of undergraduate-level biochemistry (Ch 490, 491, 492). [NEW]

Chicano and Latino Studies

ChLa 390

Latinos in the Pacific Northwest (4)

Introduction to past and present experiences of Mexicans and other Latin American-origin populations in the U.S. Pacific Northwest. Attention to current population growth, including sources of migration and settlement patterns. Explores the present social, economic, and political status of Latinos in this region of the country. Prerequisite: ChLa 201. [NEW]

Communication

Sp 389

Ethics of Human Communication (4)

Applies important ethical theories to communication settings and problems, including aspects of interpersonal, group, organization, public, Internet and mass communication, showing how ethics relate to all communication events. Reveals how communication can either validate or undermine the basic humanity, dignity and value of others in the communication setting. Prerequisite: junior standing, open to those outside of communication. [NEW]

*Sp 514

Seminar: Topics in Communication, Culture, and Community (4)

Examination and analysis of human symbolic activity as the management of meaning, with the capacity to shape and influence thought, action, and world view. Particular attention given to assumptions regarding intent, effects, meaning, understanding, and interpretation, and their implications for studying communication from modernist and post-modernist perspectives. Specific topics vary with instructor. May be repeated for graduate credit. [CHANGE TITLE, DESCRIPTION]

*Sp 556

Seminar: Topics in Language, Meaning, and Interpretation (4)

Exploration of cognitive, linguistic, and interpretive approaches of emerging interest in the study of human communication. Specific topics vary with instructor. May be repeated for graduate credit. Prerequisite: graduate standing. [CHANGE TITLE, DESCRIPTION]

Economics

Ec 339

Political Economy of Japanese Development (4)

Key topics in the economic development of Japan in modern times. Investigation of political, social, and historical factors that enabled Japan to achieve its "miraculous" development since 1867 through the post-WWII era. Examination of aspects of Japan's experience that can be applicable to development issues of other countries. [NEW]

Ec 469/569

Introduction to Econometrics (4)

General survey of empirical techniques useful for economic analysis. Focus on the applications of mathematical tools and regression analysis in economics. Quantitative topics will be introduced systematically with hands-on case studies and examples related to the fields of economics, public policy, and urban studies. This course will not be counted as credit for economics graduate students, but may be taken by graduate students in other programs. Prerequisites: Ec 201, 202, Mth 251, Stat 243 and 244.

English

Eng 330

Jewish and Israeli Literature (4)

Introduction to modern Jewish literature in its diasporic and national contexts. Emphasis on the transition from sacred to secular literature; reflection of historical and social realities; development of literatures in Europe and the Middle East. [NEW]

Wr 435/535

Grammar for Writers (4)

Study of grammar that focuses on writing that reads well aloud. Topics include: editing written work for rhythm, meter, emphasis, and balance; translating prose or poetry; and writing speeches, letters, and

other forms of communication. Provides background for students in upper-division and graduate programs that require writing and editing skills. Prerequisite: senior or graduate status. [NEW]

Foreign Languages and Literatures

*Per 330

Persian Culture and Civilization (4)

A multimedia survey of major aspects of 2500 years of Persian civilization including traditions, art, music, architecture, handicrafts, literature, cities, and sports. Reflects Persian culture from the glories of Iran's past to contemporary scenes of rural life. Taught in English. [NEW]

*Per 341

Persian Literature in Translation (4)

Selected texts from classical and modern Persian poetry and prose including epic, lyric, and mystic traditions placed in historical contexts. Covers the most important genres such as the Qasida, the Ghazal, the Ruba'i and the Masnavi. Taught in English. [NEW]

Rus 331

Russian Film Topics (4)

Surveys cinematic narratives significant to Russian culture, with a focus on issues of gender and/or national identity. Taught in English. [NEW]

Geography

Geog 340

Global Water Issues and Sustainability (4)

Examines the availability and quality of freshwater resources around the world. Includes the global water cycle, human use and modifications of global water systems, effects of climate change on global freshwater, water policy in international rivers, and sustainable water resource management. Focuses on case studies in major international rivers. [NEW]

Geog 411/511

Climatic Analysis (4) [DELETE COURSE]

Geog 425/525

Field Methods in Human Geography (4)

Field observation, description, and analysis in human geography. Students explore landscapes in Portland metropolitan region through a series of exercises including sampling techniques, field mapping, and photography supplemented by data collection from census records, tax records, historic maps and photographs, and published accounts about places. Recommended: 8 credits of upper-division or regional geography or graduate standing. [NEW]

Geog 490/590

GIS Programming (4)

Introduction to GIS programming languages for customizing applications and streamlining spatial analysis. Topics include GIS software environment, programming syntax and styles, interface customization, GIS routines and functions, and basic algorithms. Programming lab included. Prerequisite: Geog 488/588. [NEW]

History

Hst 344

Culture, Religion, Politics: Jews and Judaism in America Since World War Two (4)

Surveys significant religious, cultural, and political developments in American Jewry since the end of World War Two. Topics include the impact of the war and the Holocaust; liberalism, radicalism, and neoconservatism; suburbia; the counterculture; the fading of immigrant memory; Jewish feminism; the

orthodox revival; relations with African-Americans and other minority groups; and the relationship between American Jewry and the State of Israel. Recommended: upper-division standing. [NEW]

Hst 387

History of Modern Science (4)

Examines the interplay between science as a system of knowledge and science as the institutions by which that knowledge is produced. Through reading, lectures, independent research, and discussion, the course explores how the science has affected and been affected by political, social, and cultural developments. Primary focus is Europe and America from the 16th century to the present, but global perspectives will also be considered. Recommended: upper-division standing.

[CHANGE TITLE, DESCRIPTION]

Hst 457/557

Topics in Early Modern Europe (4)

Examines selected topics in the social, cultural, political and/or economic history of Europe in the early modern period (roughly 1515-1815). Topics will vary, but may include European financial history, the crisis of the seventeenth century, popular revolt, the royal state, and other topics. May be taken a second time for credit (maximum 8 credits) with a different topic. Recommended: upper-division standing. [NEW]

Hst 459/559

Topics in Modern European History (4)

Examines a selected theme related to the history of modern Europe from (primarily) the 19th through the 20th centuries. Topics will vary, whether focusing internationally or on a single European nation, but will include the definition of Europe; dictatorship and sovereignty; nationalism and identity; society and the state; the experience of modern violence; trials and justice; world wars; comparative fascism; social and political transition, and war and society. Recommended: Hst 103 or 358; upper division standing for 459; graduate standing for 559. May be taken a second time for credit (maximum 8 credits) with a different topic. [NEW]

Hst 461/561 Topics in Jewish History (4)

Examines select aspects of Jewish history, focusing on one or more specific regions, periods, events, or concerns. Possible topics include: medieval and early modern Jewish history, ancient Israelite or rabbinic history and culture, Sephardic Jewry, history of Russian Jewry, and gender and Jewish history. Course may be taken more than once with permission of instructor. Recommended: upper division standing. [NEW]

Hst 467/567

Readings in Native American History (4)

Surveys the historiography of Native American history, with a special emphasis on ethno-historical theory and methods, disease and depopulation, contact and encounter, spirituality and missions, federal Indian policy, gender and social roles, environmental context, and frontier theory. Recommended: one of the following: Hst 330, Hst 331, Hst 464/564. [NEW]

Hst 484/584

Topics in Middle Eastern History (4)

Explores such transnational topics in the history of the Middle East as Islam and modernity, the Middle East and the world economy, the Middle East and orientalism. May be repeated up to three times for credit. Recommended: upper-division standing. [NEW]

Judaic Studies

JSt 201

Introduction to Jews, Judaism, and Modernity (4)

Provides a historical and conceptual account of the Jewish encounter with modernity. Primary emphasis on enlightenment and post-enlightenment transformations in western and eastern Europe, including emancipation, religious reform, Hasidism, and Zionism. Topics include the Holocaust, the rise of major

Jewish centers in the United States and the State of Israel, and Sephardic and Middle Eastern Jewish encounters with modernity. [NEW]

Mathematics and Statistics

Mth 411/511, 412/512, 413/513

Introduction to Real Analysis I, II, III (3, 3, 3)

Sequences and series of functions; Lebesgue measure and integration; the Stone-Weierstrass and Baire category theorems; Fourier Series; elements of functional analysis. Courses must be taken in sequence.

Prerequisite: Mth 312. [CHANGE DESCRIPTION]

Mth 427/527, 428/528

Partial Differential Equations I, II. (3, 3)

Solution techniques, qualitative analysis and applications: separation of variables, eigenfunction expansion, Sturm-Liouville problems, Green's functions, Fourier transform solutions, finite difference and finite element methods. Courses must be taken in sequence. Prerequisites: Mth 256, Mth 253/254. Prior knowledge of PDEs (Mth 322) is recommended, but not required. [NEW]

Mth 461/561, 462/562

Graph Theory I, II (3, 3)

Topics in graph theory, including connectivity, matchings, graph algorithms, network flows, graph matrices, isomorphisms, Eulerian and Hamiltonian graphs, spanning trees, decompositions, shortest paths, the matrix-tree theorem, colorings of graphs, planarity and embeddings, Kuratowski's theorem, matroids, and selected applications. Courses must be taken in sequence. Prerequisites: Mth 261, 356. [NEW]

Mth 661, 662, 663

Algebraic Graph Theory I, II, III (3, 3, 3)

Topics selected from algebraic and spectral graph theory, including automorphism groups, transitivity, primitivity, homomorphisms, generalized polygons, designs, projective planes, cores, fractional colorings and cliques, spectral decomposition, eigenvalue interlacing, strongly-regular and distance-regular graphs, line graphs, root systems, graph laplacians, graph polynomials, and graph-theoretic link invariants.

Courses must be taken in sequence. Prerequisite Mth 462/562. [NEW]

Stat 105

Elementary Data Analysis (4)

On-line course in exploration of data analysis and basic statistical topics. May include descriptive statistics, graphical and tabular summaries, computer software, confidence intervals, correlation and regression. Recommended: second-year high school algebra or equivalent. [NEW]

Philosophy

Phl 315

Existentialism (4)

Introduction to a number of philosophers and literary figures gathered together under the name "existentialism." Authors include Dostoyevsky, Kierkegaard, Nietzsche, Rilke, Kafka, Ortega y Gasset, Jaspers, Heidegger, Sartre and Camus. Topics include consciousness, (in)authenticity, alienation, death, anxiety, freedom, time, nihilism, historical meaning and religion. Recommended: one philosophy course. [NEW]

Phl 317

Philosophy of Art (4)

Philosophical issues concerning the creation, interpretation, and consumption of art. Includes an overview of the major philosophical theories about the nature of art, an examination of the relationship between art and ethics, art and psychology, art and pornography, and relativism of aesthetic value judgments. [NEW]

Phi 321

Practical Epistemology (4)

Considers criteria for knowledge-claims based on different sources, such as: memory, perception, eyewitness testimony, expert testimony, and medical and scientific experts. Do the criteria for reasonable belief differ so fundamentally from one object-domain to another that we cannot expect a single formal definition of 'knowledge'? [NEW]

Phi 451/551

Classical Figures (4)

Intensive study of some classical figures such as Descartes, Spinoza, Leibniz, Nietzsche, Hegel. Course may be repeated for credit. Recommended: junior level standing. [NEW]

Science Education

Sci 354

Science and Politics of Columbia River Decisions (4)

Exploration of case studies of relationships between science and politics in making decisions about controversial Columbia River management issues. Students will identify a particular issue and its related stakeholders, define objectives, collect as well as analyze scientific data and political positions, and participate in role-playing decisions as stakeholder groups and as management committees. Prerequisite: Natural Science Inquiry. [NEW]

Sociology

Soc 301

Foundations of Sociology I (4)

Examination and comparison of modes of sociological thinking, from the emergence of a distinctive sociological perspective through sociological theory of the mid-twentieth century.

Recommended: Soc 200. [CHANGE NUMBER FROM 300, TITLE, DESCRIPTION]

Soc 302

Foundations of Sociology II (4)

Developments in American sociological theory from mid-twentieth century to today. Considers impact of social change and social movements on theory, including neo-Marxism, feminism, post-modernism and current new directions. Prerequisite: Soc 300. [NEW]

Soc 419/519

Sociology of Mental Illness (4)

An overview of sociological perspectives on mental health and illness. Informs understanding of mental health and illness by challenging dominant views of mental illness, examining how social relationships play a role in mental illness, questioning the goals and implications of mental health policy and presenting research on how mental health services are organized and provided. Prerequisite: Soc 200. [NEW]

Soc 462/562

Sociology of Integrative Medicine (4)

An examination of common systems and practices understood as complementary and alternative medicine (CAM) including prevalence, patterns of use, trends, consumer health beliefs and motivations, and integration with mainstream allopathic medicine; philosophical, historical and political dimensions; theories of health and illness; evidence-based research vs. traditional and folk beliefs; and a consideration of benefits and limitations considering the growing popularity. Not a course about how to practice any form of alternative medicine. Recommended: Soc 200. [NEW]

Soc 470
Foundations of Sociology (4) [DELETE COURSE]

Soc 498/598
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. Prerequisite: Soc 320. [NEW]

Speech and Hearing Sciences

SpHr 380
Language Disorders in Children (4) [CHANGE TITLE]

SpHr 394
Guided Observation (1)
Designed to acquaint students with the clinical process in speech, language, and audiology cases. Students will observe phases of clinical operation including diagnostic management, parent conferencing, and material preparation. [NEW]

SpHr 540
Multicultural Topics in Communication Disorders (2)
Introduces topics of communication disorders within the framework of culture and identity. Explores cultural attitudes and beliefs about communication and disabilities, cultural differences, cultural identity, second and bilingual language acquisition, and introduces assessment and intervention strategies for non-mainstream populations. May not be repeated for credit. [NEW]

Womens Studies

WS 429, 430
Women in the Visual Arts (4) [DELETE COURSES]

BUSINESS ADMINISTRATION

ISQA 430
Industrial Transportation and Freight (4) [CHANGE TITLE]

GRADUATE SCHOOL OF EDUCATION Curriculum and Instruction

CI 592
Dynamic Models of Infant/Toddler Development (3)
Provides information on typical infant and toddler mental health development and strategies for working with young children and their families within a culturally sensitive context. Includes prenatal and postnatal development, brain development as well as theories of development including attachment, resiliency, and self-regulation are presented from a cross-disciplinary perspective. Content reflects recommended practices across disciplines when working with young children and their families. [NEW]

Special Ed and Counselor Ed

Coun 597

Strengths, Risk Factors, and Disturbance in Infants, Toddlers, and Their Families (3)

Focus on infants, toddlers, and their families and how they cope successfully with life tasks and external stressors. Examination of what happens when coping breaks down and problems emerge in families with young children. Students will (1) identify relevant strengths and resiliency factors for infants, toddlers, and their families; (2) understand developmentally relevant risk factors, especially parental mental health issues, and their potential impact on infants, toddlers, and their families; and (3) gain knowledge of major forms of psychopathology within infant/toddler mental health. [NEW]

SpEd 594

Assessment Methods and Classification in Infant Mental Health (3)

Develop knowledge and skills to complete the assessment process of infants, toddlers and their caregivers through multiple sources of information within a culturally relevant context. Topics include selection of tools and methods for information collection, methods for screening and assessment, and use of classification systems within the mental health system.

SpEd 595

Prevention and Intervention in Infant Mental Health (3)

Concepts of early intervention and prevention with the infant-toddler mental health perspective. Examines the range of interventions used in the field of infant mental health. Emphasis on the importance of treating infants and toddlers in the context of their families and communities. Intervention strategies for those targeted at children with psychosocial/relational and developmental disturbances as well as those determined to be at risk. Includes a review of international, national, and regional established and pilot programs in early intervention and prevention. Assess and critically evaluate the current science around treatment efficacy of various interventions. [NEW]

Educational Policy, Foundations, and Administrative Studies

EPFA 448

Introduction to Global Political Ecology (4)

In order to grasp the emerging discipline of political ecology, engages in discussions regarding the following: impact of globalization on human and non-human communities; relationship between poverty and environmental degradation; distribution of resource use and commodification in the global North and global South, and the relationship of these issues in our personal lives. [NEW]

EPFA 450

Introduction to Leadership for Sustainability (4)

Multi-media seminar and discussion course reviews, analyzes and critiques the history, politics and rhetoric of sustainability. Four key themes are covered: issues surrounding the Johannesburg Summit 2002; growing conservation economy in the Pacific Northwest; the issue of indigenous cultures and sustainability, and a critical review of the emergence and future of transnational civil society. Examines the very idea of local, regional, and global and discusses the role social movement networks, information society, and globalization play in meaningful social change and leadership. [NEW]

EPFA 548

Advanced Global Political Ecology (4)

In order to grasp the emerging discipline of political ecology, we cover the following themes: the impact of globalization on human and non-human communities; the relationship between poverty and environmental degradation; the distribution of resource use and commodification in the global North and global South; and the relationship of these issues in our personal lives. Students apply these concepts in real life through a multi-media study and presentation of a commodity in terms of its production, distribution and consumption. [NEW]

EPFA 550

Advanced Leadership for Sustainability (4)

This multi-media seminar and discussion course will review, analyze and critique the history, politics and rhetoric of sustainability. Four key themes are covered within the rubric of leadership for sustainability: the issues surrounding the Johannesburg summit, 2002, the growing conservation economy in the Pacific Northwest, the issue of indigenous cultures, and sustainability. Students apply these concepts in real life by developing a wildest dream project in sustainability and outlining social, natural and economic capital needed to implement it. [NEW]

MASEEH COLLEGE OF ENGINEERING AND COMPUTER SCIENCE Civil and Environmental Engineering

CE 469/569

Groundwater Hydrology (4)

Introduces students to the basic principles of groundwater flow in the subsurface, emphasizing the importance of groundwater as a resource. Topics include: the hydrologic cycle, history of groundwater usage, aquifer classification and properties, Darcy's experiments and Law, hydraulic head and potential, porosity and permeability, transmissivity and storativity, heterogeneity and anisotropy, saturated vs. unsaturated subsurface flow, and hydraulics of pumping wells (drawdown, flow in confined and unconfined aquifers, nonequilibrium flow conditions, slug tests, and aquifer-test design). Prerequisite: senior/graduate standing. [ADD 469, CHANGE DESCRIPTION, PREREQUISITES]

CE 480/580

Chemistry of Environmental Toxics (4)

The fate and transport-related behavior of toxic compounds in the environment. Classification, nomenclature, examples of anthropogenic compounds, and case studies. Introducing the physical and chemical processes associated with air-water exchange, organic-liquid exchange, sorption processes, chemical transformations, and bioaccumulation. Prerequisite: Ch 221; Ch 222
Recommended. [NEW]

Computer Science

CS 445/545

Machine Learning (4/3)

Provides a broad introduction to techniques for building computer systems that learn from experience; conceptual grounding and practical experience with several learning systems; and grounding for advanced study in statistical learning methods, and for work with adaptive technologies used in speech and image processing, robotic planning and control, diagnostic systems, complex system modeling, and iterative optimization. Students gain practical experience implementing and evaluating systems applied to pattern recognition, prediction, and optimization problems. Prerequisites: Mth 253, 343; Stat 244; CS 202. [NEW]

CS 446/546

Advanced Topics in Machine Learning (4/3)

Covers a number of more advanced topics in machine learning from a more mathematically-oriented view. Provides preparation for successfully using machine-learning techniques for various applications. Also provides preparation for graduate-level research in machine learning and adaptive systems. Prerequisite: CS 445/545.

CS 493/593

Digital Forensics (4/3)

Detailed, hands-on approach to the investigation of criminal incidents in which computers or computer technology play a significant or interesting role. Familiarization with the core computer science theory and practical skills necessary to perform rudimentary computer forensic investigations, understanding the role of technology in investigating computer-based crime, and preparation to deal with investigative bodies. Recommended: CS 333 or 533. No prior background in criminal justice or law is assumed. [NEW]

Electrical and Computer Engineering

ECE 241

Introduction to Electrical Engineering (5)

DC circuit theory, passive electrical components, transient and sinusoidal steady state circuit responses (including Bode plots, and resonance), diode and op-amp circuits, magnetic circuits and transformers; laboratory; recitation. Prerequisites: Phy 212 or 222, Mth 252. [NEW]

ECE 534/634

Acoustics (4)

Fundamentals of linear acoustics: acoustic wave equations, scattering theory and acoustic propagation. Numerical techniques. Applications emphasizing underwater acoustics and medical ultrasound. Prerequisite: graduate standing. [NEW]

ECE 539/639

Statistical Signal Processing II: Linear Estimation (4)

Unified introduction to the theory, implementation, and application of statistical signal processing methods. Focus on optimum linear filters, least square filters, the Kalman filter, signal modeling, and parametric spectral estimation. Designed to give a solid foundation in the underlying theory balanced with examples of practical applications and limitations. Recommended: ECE 538/638. [NEW]

Mechanical and Materials Engineering

ME 372

Engineering Metallurgy (4)

Introduces students to the principles of physical metallurgy as they relate to the development of structure and properties of engineering materials. Combination of alloy chemistry, alloy preparation, and materials processing necessary to produce microstructures that exhibit the required properties are covered for the major alloying systems (i.e., ferrous, nickel, copper, titanium, and aluminum alloys). Fundamentals of how these structures act to achieve specific properties are detailed and relationships between principles and practices are examined. Lecture content is reinforced by a laboratory in which students study alloy microstructures. [NEW]

SCHOOL OF FINE AND PERFORMING ARTS

Architecture

Arch 421/521

Urban Design Methods (4)

Introduction to analytical and synthetic research methodologies inherent in the design of natural, architectural and urban contexts essential to contemporary urban design practice. [NEW]

Arch 432/532

History and Theory of Urban Design (3)

Introduction to the development of historical and contemporary urban design with parallel developments in architecture and urban planning. Theoretical models are related to current practices in the design of various sociopolitical, environmental and aesthetic urban contexts. [NEW]

Art

ArH 392

History and Contemporary Issues in Photography (4)

The history of photography focusing on its exemplary masters, the impact of photographic technologies and techniques, contemporary issues of aesthetics and ethics in photography, the role of photography in the fine arts and design, and emerging photographic media. [NEW]

ArH 429/529, 430/530

Women in the Visual Arts (4) [DELETE COURSES]

ArH 437/537

Nature into Art (4)

Prerequisite (for art and art history majors only): ArH 205 or 206. [CHANGE PREREQUISITE]

ArH 449/549

Art History Methods (4)

Seminar for juniors and seniors. Explores major approaches to the study of art history through readings, discussion, and essays. Includes the development of art history as a field and common methodologies such as iconography, gender theory, social art history, and post-modernism and post-structuralism. Open to non-majors. Prerequisites: at least three prior upper-division art history courses. [CHANGE TITLE, DESCRIPTION, PREREQUISITE]

ArH 450/550

Great Periods and Themes in Art and Architecture (4)

A concentrated study of the art and/or architecture of a major historical period or theme, for example, Pre-Columbian art and architecture or Medieval Venetian Architecture. May be repeated for credit with different topics. Open to non-majors, Prerequisite (for art and art history majors only): ArH 204, 205, or 206. [CHANGE DESCRIPTION, PREREQUISITE]

ArH 456/556 Early Medieval Art (4)

Focuses on the art and architecture of Early Christian, Celtic, Carolingian, and early Islamic world. Open to non-majors. Prerequisite (for art and art history majors only): ArH 204. [CHANGE TITLE, DESCRIPTION, PREREQUISITE]

ArH 457/557 Byzantine Art (4)

Focuses on the art and architecture of the Byzantine world from the founding to the fall of Constantinople (330-1453 A.D.) Open to non-majors. Prerequisite (for art and art history majors only): ArH 204. [CHANGE TITLE, DESCRIPTION, PREREQUISITE]

ArH 458

Romanesque Art (4)

Focuses on the art and architecture of the Romanesque, Crusader, and medieval Islamic world. Open to non-majors. Prerequisite (for art and art history majors only): ArH 205. [CHANGE DIVISION OF SEQUENCE, TITLE, DESCRIPTION, PREREQUISITES, DELETE 500-LEVEL]

ArH 459 Gothic Art (4)

Studies Gothic art and architecture across Europe from the 13th to the 16th centuries. Topics include the development of the cathedral, and the rise of the city, and artists such as Giotto and Duccio. Open to non-majors. Prerequisite (for art and art history majors only): ArH 205. [NEW]

ArH 499/599

Contemporary Art (4)

European and American developments in the visual arts of the past three decades. Open to non-majors. Prerequisite (for art and art history majors only): ArH 206. Recommended: ArH 491, 492, 493. [DELETE 498/598, CHANGE TITLE, DESCRIPTION, PREREQUISITE]

Art 301

Processes and Practices of the Creative Industries (4)

This course provides an overview of creative industries, its practices, production, and consumption, and its importance to global knowledge-based economies. Students are introduced to key creative industries theoretical and analytical frameworks and will learn how these frameworks converge and can be applied in creative industries – as well as the importance of multi-disciplinary collaborations to creative industries.

Students will gain the foundational vocabulary and skills to critique, present and discuss creative industries ideas and case studies. [NEW]

Art 365

Digital Portfolios for Visual Artists (4)

Studio course for visual artists focusing on design and development of digital portfolios. Concepts of portfolio development, graphic design, and interactive design are applied to create an effective communication of the artist's body of work. Digital production techniques are practiced as portfolios are assembled and published in a variety of print, time-based, and interactive formats. [NEW]

Art 440/540

Interactive Team (4)

Interactive media design and development for internal and external community clients. Design solutions are presented, critiqued, and revised based on initial and ongoing client contact. Sites are developed, tested, and maintained on web servers. Team-based design and development process is coordinated through project management practices. Emphasis is placed on strategic and tactical design process, industry standards, usability studies, business proposals, design documents, and other professional practices. Prerequisites: Art 341, 342. [NEW]

Art 461/561

Photographic Exploration II (4)

Continuation of Art 360 Photographic Exploration I, culminating in the completion and presentation of a final photographic portfolio. Multiple portfolio formats are possible. Graduate students also complete original research or critical study on either a photographer or photographic technique. Prerequisite: Art 360. [NEW]

Art 462/562

Professional Practices in Photography (4)

Introduces senior and graduate students to the photography profession in its diverse forms and the commercial operation of photographic studios. Projects investigate one or more specialized forms of photographic practice, such as product, architectural, portrait, landscape, photo-illustration, or immersive photography. Specialized techniques in lighting and digital imaging may be explored. Prerequisite: Art 360. [NEW]

Fine and Performing Arts

FPA 101

Perspectives in the Arts (4)

Foundational experience for the BA/BS in Arts Studies. Provides an introduction to fundamental methodologies and ways of thinking that give students the tools to analyze and deconstruct works of art for meaning, function, success and value. Composed of combinations of readings, activities and assignments, discussions, videos, slides and out of class performances, showings and exhibitions. Students will engage in the practice of making art as well as in exploring the relationships among the various art fields. [NEW]

FPA 301

Creative Thinking in the Arts (4)

Designed to introduce students to the theoretical context and practice of creative thinking. While affording freedom for discovery, this course will also offer a focused perspective to strengthen creative thinking, define personal process, construct effective strategies for collaboration, and develop a creative project. Each student works to identify, access and broaden individual creative abilities. Each session includes practical application of a variety of creative techniques, including artistic, expressive and interdisciplinary strategies; explorations in mind/body connection; sensory and visualization exercises; and activities which utilize multiple intelligences. Intellectual understanding emerges from both theory and historical context, but will be developed primarily through a regime of self-understanding and activity. Recommended: FPA 101 or similar coursework; upper division standing. [NEW]

FPA 445

Senior Project (4)

Focuses on the body of coursework undertaken in the BA/BS Arts Studies curriculum in an original creative work or comparable experience. This work may take the form of a performance, (with the student as creator/producer and/or performer), or a written thesis, gallery exhibition, internship (including but not limited to teaching), media work, practicum, or some other acceptable format.

Prerequisite: 40 credits completed in Arts Studies coursework or similar coursework; upper division standing. [NEW]

Music

Mus 540

Jazz Literature (3)

Study and analysis of the classic Jazz compositions and recordings. Prerequisite: Mus 355. [NEW]

Mus 567

Jazz History (2)

Advanced studies in Jazz History. Course involves individual research projects culminating in student class presentations. Historical research projects will be coordinated through PSU's Leroy Vinnegar Jazz Institute. Prerequisite: Mus 355. [NEW]

Theater Arts

TA 102

Introduction to Acting (4)

A study in the basic building blocks of how to approach, prepare, and act a role. Text analysis, improvisation, exercises to expand the imaginative world of the play, preparation, commitment to an action, commitment to body and voice exercises to increase awareness, and how to work collaboratively. [NEW]

TA 150

Dance Appreciation (4)

Designed to develop awareness and appreciation of dance in its artistic, social and cultural context. Offers a variety of experiences, including the viewing of dance in live and video formats, reading about dance, discussing dance, hearing from guest experts and experiencing selected dance movements from various dance genres. Considers aspects of dance as cultural, spiritual and aesthetic expression, exploring origins and the related roles of the dancer, choreographer and spectator. Covers the basic concepts and principals of dance such as space, time and effort as well as expression, form, style and period. Students will gain experience in viewing, discussing, writing about and evaluating dance. [NEW]

TA 193

Dance Laboratory: Modern I, II, III (2)

Beginning modern dance technique, emphasis on body alignment, strength, flexibility and development of basic technical skills. Maximum: 12 credits. [NEW]

TA 195

Dance Laboratory: Topics I, II, III (2)

Beginning dance technique in topics to be named, for example musical theatre, tap, hip hop, etc.

Maximum: 12 credits. [NEW]

TA 196

Dance Laboratory: Ballet I, II, III (2)

Beginning ballet technique, emphasis on body alignment, development of basic technical skills, and understanding basic ballet vocabulary. Maximum: 12 credits. [NEW]

TA 197

Dance Laboratory: Jazz I, II, III (2)

Beginning laboratory in jazz dance technique emphasizing body alignment, contraction, and isolation technique of Latin, West Indian, African and American rhythms. Maximum: 12 credits. [NEW]

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; TA 111, 112; sophomore standing. [NEW]

TA 333

Workshop Theater: Directing/Stage Management/Dramaturgy (1)

For PSU Theater Department productions. Offerings include stage manager, assistant director, dramaturg, choreography, and music direction. Participants are required to audition or interview for Main Stage and/or Studio productions. Information about auditions/interviews is provided on the Theatre Call Board outside of LH 127. Meeting times are arranged by the director. Most performances and rehearsals are in the evening; therefore, evening classes will usually conflict. Technical rehearsal for mainstage productions require a full weekend technical schedule. Course is repeatable for credit. [NEW]

TA 334

Workshop Theater: Scenery & Lighting Production (1)

For PSU Theater Department productions. Offerings include scene construction and painting, costume construction and crew, stage/run crews, props, sound design and crew, lighting design and crew. Meeting times depend upon the assignment registered for, but usually include daytime, evening, and/or weekends. Technical rehearsal for mainstage productions require a full weekend technical schedule. Course is repeatable for credit. [NEW]

TA 335

Workshop Theater: Management/Publicity (1)

For PSU Theater Department productions. Offerings include house management, public relations, audience development, publications, educational outreach, and display. This course meets each term for one hour per week as a group, with the remaining meeting times depending upon the specific assignments for the term in question. Meeting times depend upon the assignment registered for, but may include daytime, evening, and/or weekends. Course is repeatable for credit. [NEW]

TA 336

Workshop Theater: Costume Production (1)

For PSU Theater Department productions. Offerings include wardrobe crew head, wardrobe crew, makeup head/crew, wigs head/crew, assistant designer, cutter/drafter, dyer, costume artisan, milliner, stitcher. [NEW]

TA 340

Acting II: Scene Study (4)

Building on TA 248, coursework deepens the student actor's understanding of arc, character development, commitment, rhythm of sound and language, and choices that ignite the text. Class demands commitment to intense scene work outside the classroom. Must be taken in sequence. Prerequisites: TA major, TA 248, and permission of instructor. [NEW]

TA 341

Acting III: Classical Text (4)

Building on TA 340, and using increasingly difficult texts, this advanced class moves the actor further into technique. Language and epic style is a major focus of the work, with emphasis on such writers as Shakespeare, Moliere, Behn, and Ford. Class demands commitment to intense scene work outside the classroom. Prerequisites: TA major; TA 248 and TA 340, and permission of instructor. [CHANGE TITLE, DESCRIPTION, PREREQUISITES]

TA 342

Advanced Acting (4)

Builds on past lessons and explores the way we rehearse and apply our craft. Individual acting blocks are addressed. Advanced acting problems are explored through complex texts. Must be taken in sequence. Prerequisites: TA major; TA 341, and permission of instructor. [CHANGE TITLE, DESCRIPTION]

TA 350

Dance Improvisation (4)

An exploration of spontaneous movement as individual and group creativity and expression, as a potential performance form and as the beginnings of choreography. "The body thinks." Designed to develop awareness, focus, sensitivity and personal movement vocabularies. [NEW]

TA 351

Dance Composition (4)

Exploration of basic elements of dance and choreographic strategies through readings, observations and preparation of solo dance studies. Recommended: upper division standing. [NEW]

TA 362

Contemporary Dance 1920 to Present (4)

Historical foundations for the development of current dance forms. Contemporary dance styles and theories will be studied via lectures and videos, field trips to exhibits and concerts. Recommended: upper division standing. [NEW]

TA 393

Dance Laboratory: Modern I, II, III (2)

Intermediate modern dance technique, emphasis on body alignment, strength, flexibility and development of intermediate level technical skills. Maximum: 12 credits. Recommended TA 193 I, II, III or previous dance experience. [NEW]

TA 396

Dance Laboratory: Ballet I, II, III (2)

Intermediate level ballet technique. Emphasis on execution and application of all basic ballet vocabulary and on alignment and skill development. Maximum: 12 credits. Prerequisite: low-intermediate technique required; TA 196 Dance Lab: Ballet I, II, III. [NEW]

TA 397

Dance Laboratory: Jazz I, II, III (2)

Intermediate laboratory in jazz dance technique emphasizing body alignment, contraction, and isolation technique of Latin, West Indian, and American rhythms. Maximum: 12 credits. Prerequisite: TA 197 Dance Lab: Jazz I, II, III. [NEW]

TA 440/540

Advanced Acting Studio (1-4)

Advanced studio work focusing on rehearsal technique, style, preparation, developing material, and working with diverse environments, all leading to a public performance. May be repeated for a total of 12 credit hours. Prerequisites: TA major; TA 342, by audition/interview and permission of instructor. [CHANGE NUMBER FROM 441/541, TITLE, DESCRIPTION]

TA 480

Film Theory (4)

A survey of film theory and criticism from their inception to the present day. Students are introduced to key concepts and major figures from Classical Film Theory (Eisenstein, Arnheim, Bazin) through Structuralism, Semiotics, Psychoanalysis, Feminism, and Cognitive Studies. Prerequisite: TA 131 and junior standing, or consent of instructor. [NEW]

GRADUATE SCHOOL OF SOCIAL WORK

Child and Family Studies

CFS 482

Mental Disorders: Impact on Families (4)

Explores the etiology of mental and emotional disorders and the impact on individuals, their families and communities. The course emphasizes current social, cultural and political forces affecting individuals and families, and factors that contribute to resilience and recovery. The course includes a community-based learning component. Prerequisite: junior standing. [NEW]

SW 400

Practicum and Seminar I-III (4 credits per term)

This course is the agency-based internship where students apply social work knowledge to generalist social work practice interventions. Students are supervised in community agencies by qualified field instructors. Community based learning is enhanced through a seminar that assists students integrate theoretical learning with practical application and develop generalist social work professional identity. Prerequisites: Psy 311, CFS 491 and CFS 492. Corequisite: SW 430, 431 and 432. [NEW]

SW 430, 431, 432

Generalist Social Work Practice I, II, III (3, 3, 3)

Based on generalist social work practice principles, this three-term sequence examines the major influences on the service delivery system with emphasis on the multiple roles of the generalist social worker, and social work values and ethics. Examines the entire change process, focusing on assessment, goal formulation, intervention, evaluation, and endings through the lenses of strengths, empowerment, and ecological systems perspectives. Focus is on multiple levels of practice: individual, family, group, organization, and community. Introduction to theory and application of theoretical concepts to guide change activities. Development of interviewing skills for engagement, development of rapport, definition of purpose, assessment, intervention, and endings, taking account of cultural considerations. Integration of attention to populations at risk. Assessing and facilitating macro-level change process. Advocacy, collaboration and teamwork examined, with emphasis on strategies of promoting equity and social justice and preparing students for entry level professional practice. Prerequisites: Psy 311, SW 430-431, SW 439, CFS 491, CFS 492; Corequisite: SW 400.

SW 439

Diversity and Social Justice (3)

Explores diversity and oppression based on race, ethnicity, gender, sexual orientation, religion, (dis)ability status, and social class; models for intergroup relations; the historical context of group relations; and cultural variables significant to ethnic, racial and cultural minority populations. Examines social, political, and cultural processes as they affect intergroup and intragroup relations. Explores the role of social worker as border crosser, cultural learner, and agent of change. Opportunities for cross-cultural dialogue and content analysis and skills development. Requires examination of the meaning systems in which each of us is immersed, as well as examination of those meaning systems that social workers must strive to understand. Prerequisite: admission into BSW program. [NEW]

SW 450

Research Methods for Social Work Practice I (3)

Introduction to research in social work. Stresses the importance of research to social work practice and policy. Introduction to ethics of social work research, qualitative and quantitative methods, group designs

and single case studies. Considers scientific method, systematic inquiry, relation of theory to research, problem formulation, measurement, sampling, design, and data collection. Emphasis on application of research to practice and on evaluation of own practice. [NEW]

SW 451

Research Methods for Social Work Practice II (3)

Focuses on techniques of quantitative data analysis and introduces methods of qualitative data analysis. Focus on interpreting and using data to improve social work practice, including program evaluation and advocacy for client groups. Covers descriptive statistics, probability theory and hypothesis testing, and inferential methods. Includes discussion of culturally sensitive research and ethical issues in social work research. Prerequisite: SW 450. [NEW]

SW 465/565

Introduction to Indian Child Welfare and the Indian Child Welfare Act (4, 3)

[CHANGE CREDIT HRS FOR 565 FROM 4 TO 3]

SW 501

Research (Credit to be arranged.) [RETURN TO REGULAR OMNIBUS COURSE]

SW 522

Issues in Child Welfare (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 523

Health Care Policies and Programs (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 524

Community Organization (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 525/625

Poverty: Policies and Programs (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 526

Social Work and the Law (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 527

Political and Legislative Advocacy (3)

Exposes students to strategies and tactics for political and legislative advocacy. Emphasis is placed on developing skills for effective political lobbying, including the mechanics of political campaigns and working with policy-makers, citizens and issue-specific communities and political interest organizations. Students will be introduced to working with professional/community organizations and coalitions, local, state and federal level policy and decision-making processes, and methods to influence legislative process and administrative rule implementation. Prerequisites: SW 520. [NEW]

SW 529/629

International Mental Health Policy (3)

Compares mental health policies from a global perspective, emphasizing United Nations and World Health Organization perspectives. Programs and policies from various countries are compared and contrasted with those of the U.S., and Oregon in particular. Prerequisite: SW 520. [NEW]

SW 533

Advanced Practice for Direct Human Services I (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 534

Advanced Practice for Direct Human Services II (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 535

Advanced Practice for Direct Human Services III (3) [CHANGE TITLE, CREDIT HRS FROM 2 TO 3]

SW 536

Advanced Community-Based Practice I (3)

Emphasizes the person-environment interplay with a focus on the identification of multilevel assessment strategies in collaboration with local citizens, leaders, associations, and institutions. Utilizes an assets-based, community development perspective to assist individuals, families, and communities of identity, functional communities, and organizations. Focuses on working as a team, utilization of community resources, and selection of appropriate multicultural assessment strategies. Explores individual and community resilience while assisting in assessing local strategies that strengthen protective factors and lower risk factors for ethnically and culturally diverse families, schools, neighborhoods, and communities. Prerequisite: SW 532; corequisite: SW 500. [CHANGE TITLE, CREDIT HRS FROM 4, 4 TO 3, DIVISION OF SEQUENCE, DESCRIPTION]

SW 537

Advanced Community-Based Practice II (3) [CHANGE CREDIT HRS FROM 4 TO 3, DESCRIPTION]

SW 538

Advanced Community-Based Practice III (3) [CHANGE TITLE, CREDIT HRS FROM 2 TO 3]

SW 539

Diversity and Social Justice (3)

Explores diversity and oppression based on race, ethnicity, gender, sexual orientation, religion, (dis)ability status, and social class; models for intergroup relations; the historical context of group relations; and cultural variables significant to ethnic, racial and cultural minority populations. Examines social, political, and cultural processes as they affect intergroup and intragroup relations. Explores the role of social worker as border crosser, cultural learner, and agent of change. Opportunities for cross-cultural dialogue and content analysis and skills development. Requires examination of the meaning systems in which each of us is immersed, as well as examination of those meaning systems that social workers must strive to understand. [NEW]

SW 541

Human Behavior in the Social Environment: Macro Theory (3)

Presents and critiques basic knowledge of the development, behavior and change process of groups, communities and organizations. Uses social theory to provide students with conceptual frames for analyzing how the actions of both clients and social work practitioners are conditioned and constrained as well as enabled and empowered by broader social forces. Considers the effect of mezzo and macro level forces on the development and functioning of populations at risk. Prerequisite: SW 539. [NEW]

SW 545/645

Advanced Human Behavior in the Social Environment (3)

Prerequisite: SW 540 or 541. [CHANGE TITLE, CREDIT HRS FROM 4 TO 3, PREREQUISITE]

SW 546

Human Sexuality and Social Work (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 551

Data Analysis in Social Work Research (3)

Focuses on techniques of quantitative data analysis and introduces methods of qualitative data analysis. Considers interpreting and using results to improve social work practice including program evaluation. Covers descriptive statistics, probability theory and hypothesis testing, and inferential methods. Includes discussion of culturally sensitive research and ethical issues in social work research. Prerequisite: SW 550. [NEW]

SW 552/652

Advanced Social Policy Analysis (3)

Selected social policy evaluation models are presented. Students select one social policy, proposed or adopted, and apply relevant conceptual model(s) and findings, conduct an analysis of that policy and design a research or evaluation study that addresses an outstanding question related to the policy. Analysis necessitates a clear formulation of the problem addressed by the policy and the policy's intent, thorough description of the policy's elements, examination of the social and political context for analysis, identification of policy analysis questions to be answered, data to be collected and analysis approaches, and a plan for how the findings will be utilized. Prerequisites: SW 520 and 551 or SW 622. [NEW]

SW 554

Social Work and Health Care (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 555

Social Work Perspectives on Mental Health Disorders (3)

Explores the major mental health disorders from an understanding of the biological, psychological, social and cultural determinants of mental illness. Emphasis is given to the changing roles of social workers who work with people diagnosed with a mental illness. Topics include ethics of diagnosing, history and theories of mental illness, overview of classification systems including a review of six major DSM-IV diagnostic categories, biopsychosocial model of assessment which includes diagnostic interviewing, accessing evidence-based practice (EBP) interventions, and applying practice evaluation methods to EBP strategies. Prerequisites: SW 532, SW 540. [CHANGE CREDIT HRS FROM 4 TO 3, DESCRIPTION]

SW 557

Social Work with Depressed Clients (4) [DELETE COURSE]

SW 558

Abuse and Trauma: Theory and Intervention (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 560

Social Work with Gay, Lesbian, Bisexual, and Transgendered Individuals, Families, and Communities (3)

Explores social work practice with gay, lesbian, bisexual, and transgender individuals, their families, and communities. Students examine the policy context of practice as it is affected by institutional and cultural homophobia or heterosexism. Takes a lifespan approach to practice issues, covering topics such as: developmental theories of gender identity and sexual orientation, families of origin, 'coming-out', dating, partnering, child-rearing, defining family and community, and aging. Important topics such as gender transition, HIV prevention and treatment, same-sex domestic violence, and chemical dependency will be presented. Special classroom emphasis will be placed on developing practice awareness within a historical and political perspective. Prerequisite: SW 532. [CHANGE TITLE, CREDIT HRS FROM 4 TO 3, DESCRIPTION, ADD PREREQUISITE]

SW 561

Clinical Social Work with Groups (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 562

Social Work with Grief and Loss (3)

Examination of death at different stages of the life cycle. Review of theory and research about death and dying, loss, and grief resolution. Unique cultural and religious differences are emphasized. Examines social service assistance for persons, families and communities that face acute, chronic and terminal illnesses. Prerequisites: SW 532, 540. [CHANGE TITLE, CREDIT HRS FROM 4 TO 3, DESCRIPTION]

SW 563

Social Work with Children, Adolescents, and Their Families (3)

Explores clinical social work practice with children, adolescents, and families. Emphasizes a collaborative and contextual approach that, in addition to child-focused interventions, includes work with parents,

families, and groups in a variety of settings. Delineation and demonstration of specific clinical strategies and techniques with opportunities to practice and apply to field work. Prerequisite: SW 532. [CHANGE TITLE, CREDIT HRS FROM 4 TO 3, DESCRIPTION]

SW 564

Social Work in Schools (3)

Uses a policy/practice perspective to prepare students for effective and culturally sensitive social work practice in early childhood and K-12 education. Presents multiple roles of school social workers and educational policies that provide context for practice. Emphasizes collaboration among families, schools, and communities. Prerequisites: SW 520; SW 532. [NEW]

SW 565

Social Work and Spirituality (3)

Explores the historical interest in spirituality within the field of social work and common themes overlapping the two fields. Addresses appropriate ethical boundaries, methods of assessing spiritual interests and backgrounds of clients, and appropriate interventions. Students will also assess their own attitudes, understanding, and tolerance of diverse religious/spiritual views. [NEW]

SW 566

Social Work Practice in Child Welfare (3)

Designed for students who are either considering a career or are interested in public child welfare. Explores selected areas of child welfare related to child maltreatment. Emphasis on the critical examination of empirically based case management intervention strategies and their appropriate use with children and their families. [NEW – DELETE OLD 566]

SW 567

Evidence Based Interventions for Community Mental Health Practice (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 568

Social Work in Native American Communities (3)

Introduces and expands social work knowledge and methods appropriate for working with tribal and urban Indian communities. Federal law and policies affecting native populations are a major focus of concern, as well as practices found to be effective in working with individuals, families, groups and communities in Indian country. Contemporary tribal issues, e.g., gaming, Indian religious freedom, fishing and water rights, will be discussed. Students will be expected to participate in experiential-based learning activities. Prerequisite: SW 520. [NEW]

SW 571

Substance Use, Abuse and Addiction and Social Work Practice (3)

Designed to provide students with a foundation in both direct and indirect social work practice issues with clients, families and communities challenged by substance abuse and addiction. The primary goal is to 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, as well as the range of evidence-based practices available to address them. Prerequisite: SW 532. [CHANGE TITLE, CREDIT HRS FROM 4 TO 3, DESCRIPTION]

SW 574

Social Work with Frail Older Adults (3)

Mental and physical frailties experienced by older adults are examined for their implications for adaptation and intervention. Mental disorders as they are uniquely characterized in late adulthood are reviewed, with special emphasis on age appropriate assessment. Psychosocial interventions for both community and institutionalized populations will include individual, family, group, and environmental approaches. Prerequisite: SW 532. [CHANGE TITLE, CREDIT HRS FROM 4 TO 3, DESCRIPTION, ADD PREREQUISITE]

SW 575

Multicultural Social Justice Work in Action (3)

Examines current perspectives on multicultural practices for children and families marginalized due to vulnerable social status such as; ethnicity, culture, race, economic status, sexual identity and other forms of bias in the larger service systems and society. Specific assessment and intervention strategies include ethnically sensitive practice, cultural awareness and effective approaches for intervening with children, families and the social service providers. Students will examine international perspectives on effective practice with vulnerable groups and will gain an enhanced appreciation for how values and customs of the larger society shape experience and life chances for ethnically and culturally diverse people. [CHANGE TITLE, CREDIT HRS FROM 4 TO 3, DESCRIPTION]

SW 578/678

Social Work in the Juvenile and Criminal Justice Systems (3)

Analyzes current controversies concerning the origin and meaning of criminal and delinquent behavior; the socio-economic and multicultural characteristics of contemporary life contributing to delinquency and crime; social work's role in the "people processing system"; the major current modalities and inquiry into their effectiveness; social policy issues confronting the juvenile justice system; and current policy and practice trends toward incarceration and away from rehabilitation. Prerequisite: SW 520. [CHANGE CREDIT HRS FROM 4 TO 3, DESCRIPTION]

SW 579

Working with Involuntary Clients (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 580

Introduction to Social Service Administration, Leadership and Management (3)

Introduces the student to theoretical and practical elements of social work administrative and management roles to develop and manage the conditions, processes and mechanisms that support evidence-based service delivery systems that benefit consumers, families and communities. Topics include analysis of contemporary organizational leadership task environments, internal and external assessment skills and tools, building strong coalitions and developing strong cross-sector collaborations for dynamic social problem impact and understanding theoretical underpinnings of a variety of organizational leadership approaches. Prerequisite: SW 532. [NEW]

SW 581

Issues in Social Service Administration, Leadership, and Management (3)

Emphasizes critical leadership and management skills relevant to a variety of for-profit, non-profit and government social service agency environments including managed care principles, internal advocacy, hiring processes and procedures, staff supervision and discipline, staff ethics, sexual harassment, and equal employment opportunity laws. Analyzes management philosophy in complex organizations, team building, work with governance boards, participation in organizational planning, and program quality and development of accountability systems. Prerequisites: SW 520, SW 532. [NEW – DELETE OLD 581]

SW 582

Social Service Program and Policy Development (3)

Focuses on the conceptual and behavioral skills related to planning and designing programs, program/policy evaluation, and understanding the analysis and design of agency policy and the role of policy in the change process. Students learn ways to compose statements of need, goals, objectives, interventions, action plans, evaluation approaches, and policy changes. Prerequisites: SW 532, 520. [NEW]

SW 583

Staff Issues in Human Service Organizational Management and Leadership (2) [DELETE COURSE]

SW 584

Program Development and Design (3) [DELETE COURSE]

SW 585

Fundraising and Grantwriting (3) [CHANGE CREDIT HRS FROM 4 TO 3]

SW 589

Advanced Standing Seminar (2)

Seminar orients students accepted into the advanced standing program to the Graduate School of Social Work and the MSW program, provides a connection between BSW curriculum and advanced MSW curriculum, discusses core values and ethics associated with social work, 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 education placement.

Prerequisite: admission to advanced standing program. [NEW]

SW 590

Advanced Topics in Applied Research Methods for Social Work (3)

Builds on foundation research methods and data analysis courses. Courses offered under this number present an evidence-based framework for social work practice and methods for analyzing quantitative data (e.g., multiple linear regression) and/or qualitative data (e.g., ethnography). Emphasizes application of methods to build knowledge in a specialized area relevant to a student's field of practice and/or to complete an evaluation of program(s) or practice. Emphasizes interpretation of results to inform effective social work practice in community and agency-based settings. May be repeated for credit. Prerequisite: SW 551. [NEW]

SW 591

Child and Adolescent Behavior and Development in the Social Environment: Advanced Theory and Research (3)

Builds on foundation courses on micro and macro Human Behavior in the Social Environment and on foundation courses on research methods. Presents ecological-developmental framework and empirically-supported and culturally sensitive theories for understanding individual, family, peer, school, community, and societal influences on child and adolescent behavior and development. Presents a prevention framework for building and using research-based knowledge of behavior and development. Emphasizes integration of theory and research to guide social work practice. Prerequisites: SW 541 and 551. [NEW]

SW 596

Development and Utilization of Collaborative Partnerships to Support Infants, Toddlers, and Their Families (3)

Understanding of the family and cultural contexts in which child development occurs; identify cultural, political, and socioeconomic biases within which mainstream research and theory have emerged; and understand and apply system-of-care concepts and values as they engage in relationship-based consultation. Content includes information about the roles and knowledge bases of specific disciplines as they apply to infant/toddler social/emotional development (e.g., child care, pediatrics, nursing, early intervention, mental health, allied health, child welfare). Students will learn about the roles and knowledge bases of informal family and community supports as they apply to infant/toddler social/emotional development. Students will gain knowledge and training related to infant/toddler key transitions from one setting to the next (e.g., from home to community child care, child care to preschool). [NEW]

SW 631

Introduction to Quantitative Research Methods in Social Work (2)

Introduces students to basic quantitative methods for applied social work research and examines the assumptions underlying quantitative methods. Experience in applying quantitative methods by developing a proposal for a social work research project. Emphasizes the appropriate use of quantitative methods, ethical and cultural issues in quantitative social work research, and application of methods at micro- and macro-levels of social intervention. [CHANGE DESCRIPTION]

SW 640, 641, 642

Research Practicum and Seminar (2, 2, 2)

Participation in a research study under the supervision of appropriate faculty. Opportunity to master research skills which fit the student's learning needs. Time on site working on the project is 200 hours. Seminar taken concurrently with practicum enables students to explore together their research experiences in their respective research projects. Students will gain deepening knowledge through comparison of experiences. Pass/no pass only. Prerequisite: SW 634. [CREATE SEQUENCE, CHANGE TITLE, CREDIT HRS FROM DESCRIPTION]

SW 651

Integrative Writing Seminar (1) [CHANGE CREDIT HRS FROM 2 TO 1, ADD CREDIT STATEMENT]
May be repeated for credit.

SW 653

PhD Data Analysis Seminar (1)

Provides a structure to facilitate a working group of researchers who share ideas and support one another in the conduct of research. Group members may work together on research projects as well as use the group to consult about independent research projects. Expected themes include research design issues, measurement selection, rating and coding procedures, data analysis and presentation and reporting of research results. The primary focus of this group is on quantitative methods, with secondary attention to qualitative methods. Course may be repeated for credit. Prerequisite: SW 634. [NEW]

COLLEGE OF URBAN AND PUBLIC AFFAIRS
Criminology and Criminal Justice

*AJ 355

Perspectives on Terrorism (4) [DELETE PREREQUISITE]

AJ 435

Crime, Grime, and Fear (4)

Crime, grime, and fear is a course designed to study the social, economic, political, and physical factors underlying neighborhood crime and decline. Special attention is given to physical and social incivilities, the "broken windows" theory, police-community partnerships, and problem-solving. Students will work on neighborhood-centered projects to explore solutions to neighborhood crime patterns, disorder, and fear of crime, and ideas for strengthening police-citizen relations, and community building. Recommended: AJ 340. [NEW]

AJ 520/620

Analysis of Crime and Justice Data (4)

An applied approach to the analysis of criminal justice data. Includes an overview of the collection, storage, and retrieval of data from various sources (e.g., police, courts, corrections). Basic techniques commonly used to analyze and present criminal justice data are covered with an emphasis on the use of empirical findings to solve problems and develop policy. Advanced statistical procedures introduced. [NEW]

Political Science

PS 103

State of the World (4)

The course surveys and analyzes the major global issues of our time, including human rights, environmental protection, poverty and underdevelopment, and war and peace. The importance of using interdisciplinary tools of analysis, and understanding the meaning of a global perspective on world affairs, are emphasized. [NEW]

PS 442/542

Contemporary Theories of World Politics (4)

Surveys concepts and arguments from various theoretical traditions in international relations. Topics are drawn from the ongoing debate between the realist and liberal schools of thought, as well as the challenges posed by radical, normative, and critical international relations theory. Theories will be examined mainly for their insights on issues of war and peace. Recommended:

PS 441. [CHANGE DESCRIPTION]

PS 444/544

U.S. National Security Strategy: Regional Perspectives (4)

Focuses on the regional contexts that influence U.S. national security strategy and the multifaceted reasons security policies succeed or fail in each region of the world. Critical analysis applied to major social, cultural, political, economic, military, technological, and historical issues that shape formation of regional security strategy, and to strategic assessments of U.S. security policies as perceived from other regions' perspectives. Recommended: PS 205. [NEW]

PS 453/553

Power Transitions: Past, Present, and Future (4)

Uses power transition theory to examine what elements contribute to global war. Creates a foundation for understanding why nations fight, when they fight, the outcome of wars, and the relationship between global and regional conflicts. Also explores the continuum of peaceful interactions at the global level, and how and when the next series of upheavals will occur in the international system. Recommended: PS 205. [NEW]

Public Administration

PA 311

Introduction to Civic Leadership (4)

Students will examine leadership in democratic societies, the ways in which people put concepts of civic responsibility into practice, and the challenges of community-building and leadership development in the context of our evolving democratic society. Students will explore leadership through various perspectives, including diversity, individualism, trust, and participation. A central goal of this course is to help prepare students for a lifetime of responsible citizenship and civic engagement. [NEW]

PA 412

Civic Engagement: The Role of Governing Institutions (4)

This course develops understanding of how local governments carry out their governance responsibilities and the roles they play within the larger scheme of the American democratic system. The goal is to assess how the structures and processes of local governments affect opportunities for democratic accountability, citizen participation, the development of civic capacity, citizenship and civic leadership. Prerequisite: PA 311. [NEW]

PA 509

Organizational Experience (6)

Final integrative experience required for all M.P.A. and M.P.A.:HA students, who have limited or no administrative experience, and for all M.P.H.:HMP students regardless of experience. The student completes a field experience with an appropriate agency, culminating in a project report systematically analyzing an administrative problem that is both instructive to the student and of importance to the agency. Students are required to attend an orientation seminar to aid them in planning how the field experience will integrate with their coursework and their career goals, and to cultivate the habit of reflective practice. PA 509 may only be taken after students have earned at least 42 credits in their program of study. [CHANGE DESCRIPTION, ADD GRADED OPTION]

PA 537

Law & Public Policy (3)

Law and courts are critical to public policy. The policy process often starts with cases for which no formal policy exists. The seminar examines judges as policymakers and the operation the policy process when courts are involved. It considers critical issues in judicial policymaking, examines fields where courts have played important policy roles, contemplates difficulties faced by judges, and helps students develop techniques to analyze judicial policymaking. [NEW]

PA 542

Sustainable Development Implementation (3)

Focuses on the challenges involved in attempting to turn international commitments and policy promises into action. Using examples from around the U.S. and around the world, we examine sustainable development policy implementation and operation in an effort to see what worked, what did not, and how implementation challenges can be addressed. [NEW]

PA 544

Leadership and Governance in Health Services (3)

Class explores principles and practices of leadership and governance in a variety of health and human services organizations. Theories of leadership and models of governance are studied, and explored through case studies of local health and human services leaders and their governance relationships.

Students also conduct self-assessments of present and future leadership practice and potential.

Prerequisites: PA 541, 571, 574. [NEW]

PA 556

Public Contract Management (3)

Explores what happens when public sector organizations form working relationships with other agencies, communities, nonprofit organizations, or for-profit firms through contracts. It seeks to understand key elements of the formation, operation, and termination (or transformation) of these relationships and to do so from the perspective of the generalist manager rather than from a narrow technical view. The purpose here is not to debate whether government at all levels should do more contracting or less but to assess what happens when the decision is made to use contractual arrangements to perform services or provides materials. [NEW]

PA 575

Advanced Health Policy (3)

Provides students focusing on health policy analysis or advocacy the opportunity to explore specific areas of health policy in-depth. Taught as a seminar with students required to select two policy areas, develop readings and questions, and lead class discussion facilitated by the instructor. Coursework emphasizes the understanding, identification and development of successful and sustainable health policy including preparation of four brief, structured policy proposals.

Prerequisite: PA 571. [NEW]

Urban Studies and Planning

USP 316

Fundamentals of Community Development (4)

An investigation of concepts, models, and perspectives of community development practice. Explores social, cultural, religious, political, economic, and environmental aspects that affect community development practice. Asset-based and sustainable human development models and action research are emphasized. The course utilizes teaching cases and experts from the field and requires substantial reading, reflection and discussion. [NEW]

USP 317

Introduction to International Community Development (4)

An investigation of concepts, models, and perspectives of international community development practice. Explores social, cultural, religious, political, economic, and environmental aspects that affect community development practice in the Third or Developing World. Asset-based and sustainable human development models and action research are emphasized. The course utilizes teaching cases and experts from the field and requires substantial reading, reflection and discussion. [NEW]

USP 438/538

Real Estate Law (3)

Provides students with a comprehensive summary of real property from a legal perspective with an emphasis on transactional issues. Includes issues relating to types of ownership, descriptions of property, easements, public and private limitations on use, real estate contracts, forms utilized in transfers, financing and title assurances. Enables students to understand the legal framework and the rights and responsibilities of owners and transferors/transferees of real property. Prerequisite for 438: Fin 333. Recommended for 538: USP 598. [NEW]

USP 454/554

The Urban School and "At Risk" Status (3) [DELETE COURSE]

USP 475/575

Urban Design Workshop (4)

The workshop will explore the use of urban design as an integral part of the planning process through the creation of an urban design plan. Projects in the Portland region will be chosen to familiarize students with the practice of urban design planning and the products of the workshop will be presented to the public. Prerequisite: permission of instructor. [NEW]

USP 544

Urban Transportation Planning (3)

Introduces fundamental concepts and methods used in multi-modal urban transportation planning, including problem identification, alternatives analysis, evaluation and decision making, plan implementation, and program management. Exposes students to processes and analytical methods from multiple disciplines, such as law, politics, engineering, sociology, economics, finance, management and marketing. Emphasis on analysis of moderately complex technical information and its interpretation for communication with decision makers. Prerequisite: USP 535 or equivalent coursework in descriptive and inferential statistics and data presentation. Recommended: USP 515 or USP 537 or an equivalent intermediate-level course in applied microeconomics. [CHANGE DESCRIPTION, ADD PREREQUISITE]

USP 554

Urban Economic Development Policy (3)

Analyzes urban economic development policy by building on an overall framework that demonstrates how urban economies create and distribute wealth and affect citizens' quality of life. Federal, state, and local policies must pursue three broad objectives: 1. Raising the area's standard of living; 2. Preserving and protecting environmental quality and quality-of-life; and 3. Reducing poverty and income inequality. Provides students the ability to analyze and assess alternative policies through an understanding of the theoretical foundations of urban growth and decline; through the ability to apply analytical methods for assessing policy effectiveness; by examination of evidence of policy effectiveness; by reviewing case studies; and via a student's personal research of specific urban problems. Prerequisite: USP 515 or equivalent courses in economics. [NEW]

USP 569

Sustainable Cities and Regions (4)

Explores the questions of whether and how cities can be sustainable—and how they can continue as places that sustain cultures, economics, and nature. Basic technological and theoretical models of human-nature interaction will be considered, along with visionary possibilities for the future of cities and urban regions, globally and in Portland. [NEW]

New Courses and Course Changes
Effective Fall 2007

ADDENDUM
As of 6/26/07

COLLEGE OF LIBERAL ARTS AND SCIENCES
Anthropology

*Anth 320

Native Americans of the Northwest Coast (4)

Native Americans of the Pacific Northwest coast are among the most affluent, diverse, and complex hunting-gathering peoples in the world. This course examines the unity and diversity of these cultures from Alaska to the Oregon-California border by tracing their historical evolution and responses to contemporary problems. Topics include: subsistence economies and resource tenure, social identity, art, ceremonial and spiritual life, culture change and revitalization, and modern indigenous-state relations. Recommended: Anth 103, 314 or 313. [NEW]

*Anth 335

Anthropology of Space and Place (4)

Space and place are foundational to human cognition, emotion, and experience, and yet we often take them for granted. This course examines the origins, development and contemporary variation of human senses of space, place, and environment in a variety of cultural settings around the world. Recommended: Anth 102.

Anth 355

Historical Archaeology and the Origins of the Modern Pacific Northwest (4)

Explores the origins of the modern Pacific Northwest from fur-trade/indigenous contacts to the present using theories and methods of historical archaeology in North America and elsewhere. Topics include heritage, history, and interpretation; the archaeology of the fur trade; the industrial revolution & industrial archaeology; slavery & inequality; and military sites archaeology. Recommended: Anth 102. [NEW]

*Anth 418/518

Environmental Anthropology (4)

What can anthropology teach us about contemporary environmental problems? Emphasizing key issues of environmental change, adaptation, conservation and sustainability, biocultural diversity, resilience, political ecology, and environmental justice, this course examines how the cross-cultural study of human-environmental relations can improve our understanding of contemporary environmental problems and their solutions. Recommended: Anth 102, 103, 301 or 304, 414/514. [NEW]

Applied Linguistics

Ling 301

Introduction to Native American Languages (4)

General introduction to the linguistic and cultural background of endangered native languages of North America. Topics include structure of native languages; relationship of language to other aspects of culture such as worldview, social organization, and story telling; history of language change and current tribal projects to revitalize native languages. [NEW]

Ling 417/517

Maintenance and Revitalization of Endangered Languages (4)

General introduction to endangered language revitalization, with a focus on native languages of the Pacific Northwest. Topics include history of attempts to eradicate native languages and the effects on those languages and their communities; theoretical basis for revitalization; emerging tribal policies; and relations between linguists and native communities. [NEW]

Conflict Resolution

CR 515

Negotiation (4)

First part of a two-term sequence introducing collaborative responses to conflict. Establishes a theoretical framework for using negotiation in a variety of settings. Demonstrates how to negotiate directly with another party. Skills include: conflict analysis, communication skills, maintaining an inner neutrality, creating a safe environment, and ensuring procedural, substantive and psychological satisfaction. Recommended: 4 credits of conflict resolution, communication, psychology or sociology. [CHANGE TITLE, DESCRIPTION, PREREQUISITES]

CR 516

Mediation (4)

Second part of a two-term sequence introducing collaborative responses to conflict. A theoretical framework will be established for using mediation in a variety of settings. Students will learn how to mediate disputes involving two parties. Skills learned will include: conflict analysis, communication skills, maintaining inner and outer neutrality, creating a safe environment, and ensuring procedural, substantive and psychological satisfaction. Prerequisite: CR 515. [NEW]

CR 522

Thesis/Project Preparation Seminar (1)

Introduction to a variety of approaches to thesis and project writing and research. Students examine completed master's degree theses and projects in conflict resolution. Prerequisites: two full-time terms, or equivalent, completed in the master's degree program. [CHANGE TITLE, DESCRIPTION, PREREQUISITES]

CR 523

Ethics and Professional Issues (4)

Introduces students to different ways to approach and appraise ethical issues through original writings. Focuses on contemporary issues in mediation and conflict resolution. Explores differences and similarities between an emphasis on consequences, on virtues, on principles, and on the social contract. Examines the Uniform Mediation Act, Oregon law on mediation. [NEW]

CR 524

Advanced Mediation (4)

Focus on the qualities of the practitioner that enhance the practice of mediation. The practice of mediation involves a particular kind of presence, that of a nonjudgmental observer. To maintain such a presence while in the midst of emotions, intense interactions, hostility and conflict requires much clarity, steadiness, and stability. Students will learn ways to achieve these qualities through the study and cultivation of mindfulness. Recommended: CR 516. [CHANGE PREREQUISITE]

CR 532

Social Liberation (4)

Explores the way that social oppression problematizes the neutrality of conflict resolution by requiring an advocacy for social justice. Provides students with tools by which they can become more socially aware and effective conflict resolvers. Examines ways in which the feminist and civil rights movements have attempted to address oppression, especially in the United States. [NEW]

CR 541

Reconciliation Processes (4)

Introduces the process of reconciliation between individuals, groups and societies. Explores how reconciliation attends to the deeper underlying issues that continue to divide people long after a settlement is reached. Topics include the evolution of historical wounds, memory, accountability, acknowledgment, restitution, forgiveness and truth. Examines case studies for class discussions and analysis. [NEW]

CR 542

Peacekeeping, Peacemaking & Peacebuilding (4)

Introduces the building blocks for successful international peace agreements. Focuses on the multiple layers of international peace work. Provides an opportunity for both analysis and critique of the multiple practices and systems involved. [NEW]

CR 544

Restorative Justice and Conflict Resolution (4)

An exploration into the emerging concept and practices of restorative justice, with special attention to multicultural perspectives. Includes acquiring different concepts of restorative justice from various parts of the world, learning about its historical roots and evolution, investigating the theoretical frameworks within which it is evolving, and examining some of the obstacles that make restorative justice challenging to implement. [NEW]

CR 552

Dialogue and Conflict Resolution (4)

Explores the impact of conflict on the communication process, focusing on how conflict conditions the stakeholders' respective mode of interpreting events, behaviors and actions. Investigates the principles, nature and process of dialogue as a means of freeing communication from the effects of protracted conflict. Dialogue explored as a mode of interaction that may open up creative communicative processes between the parties concerned. Examines various theories of dialogue, focusing on the relevance of dialogue for conflict resolution and peace-enhancing processes. Specific conflicts selected and experimentally treated in the dialogical mode. [NEW]

CR 559

Ethics of Peace and International Conflict (4)

Steps back from the historical and concrete details of conflict and alienation on the one hand, and reconciliation and peace on the other, in an attempt to reflect critically on relevant foundational ethical issues regarding peace and conflict. By drawing from various disciplines, ethical questions are raised regarding violence, neighborliness, war, freedom, power, peace, in relation to "human nature." Phenomena common to the realm of human conflict, such as the reliance on power as a means of securing life and society, the shedding of blood as a means of liberation, justice and democracy are examined in light of the ethics of peace and conflict. Engages participants in critical reflection on the capacity or weakness of the human spirit to transcend the "tyranny of circumstances," to probe the existential realities of conflict and to consider peace as a vital function of human freedom, justice, democracy, hope and meaning. [NEW]

*CR 580

Peace History (4)

Examines the history of peace from many perspectives, using the generally accepted definition of peace to mean "positive peace," or the presence of justice, as in the Gandhian movement, rather than the negative peace associated with Pax Romana or Pax Britannica. Focuses on religious and secular, modern and ancient, local and national, women's and other rights movements, and employs a historical analysis that offers additional context to students. [NEW]

English

Eng 596

Problems and Methods of Literary Study (4)

[CHANGE CREDIT HRS FROM 5 TO 4]

Environmental Programs

ESR 330

Environmental and Ecological Literacy (4)

Introduces a broad range of thought about ecology and the environment, including supporters and critics such as Aldo Leopold, David Orr, Bjorn Lomborg, E.O. Wilson and Thomas Berry. Addresses the idea of ecological literacy as a key aspect in education and understanding the environment. Recommended: ESR 220, 221 and 222. [NEW]

ESR 340

Research Methods in Environmental Science (4)

Integrates quantitative skills into environmental research. Introduces research methods commonly used in environmental studies with emphasis on environmental study designs, data analyses, and data interpretations. [NEW]

ESR 342

Field Methods (2)

Presents crucial safety, field and research skills for environmental research. Presents different skill sets for different types of field work for example in lakes, wetlands, forests or marine environments. Students may count two sections of this class toward an Environmental Science or Environmental Studies major.

Recommended: ESR 220, ESR 221. [NEW]

ESR 460/560

Air Quality (4)

An overview of urban air quality issues facing cities in the U.S. and globally. Examines effects of air pollution on public health and environment, as well as technologies and regulatory practices. Review pollution measurement and modeling techniques. Recommended: ESR 320. [NEW]

ESR 480 / 580

Coastal Marine Ecology (4)

Introduces the relationships between marine species and their environment, intra- and inter-specific interactions, and factors structuring marine communities. Community structure and distribution presented in the context of both oceanography and coastal zone ecology. Marine conservation issues, including fisheries, addressed. A field trip required. Recommended: ESR 321. [NEW]

ESR 485/585

Ecology and Management of Bio-Invasions (4)

Overview of invasive species biology, ecology and management with a strong focus on aquatic invasive species and invasive species in Portland. Builds upon the basic fundamentals of ecology and also addresses economics, ethics, policy, and management practices. Recommended: ESR 321. [NEW]

Geography

Geog 333

Weather (4)

Introductory course in the atmospheric environment providing a comprehensive understanding of atmospheric structure and the changes over time that result in the weather we experience. Topics include, atmospheric moisture (fog, rain, clouds), atmospheric stability and cloud development, air pressure and winds, air masses and fronts, and hurricanes and tornados. This course is the same as Ph 333; course may be taken only once for credit. Recommended: upper division standing or Geog 210. [NEW]

Native American Studies

NAS 301

Introduction to Native American Languages (4)

General introduction to the linguistic and cultural background of endangered native languages of North America. Topics include structure of native languages; relationship of language to other aspects of culture such as worldview, social organization, and story telling; history of language change and current tribal projects to revitalize native languages. [NEW]

6/26/07:swh

NAS 417

Maintenance and Revitalization of Endangered Languages (4)

General introduction to endangered language revitalization, with a focus on native languages of the Pacific Northwest. Topics include history of attempts to eradicate native languages and the effects on those languages and their communities; theoretical basis for revitalization; emerging tribal policies; and relations between linguists and native communities. [NEW]

Physics

Ph 333

Weather (4)

Introductory course in the atmospheric environment providing a comprehensive understanding of atmospheric structure and the changes over time that result in the weather we experience. Topics include: atmospheric moisture (fog, rain, clouds), atmospheric stability and cloud development, air pressure and winds, air masses and fronts, and hurricanes and tornados. This course is the same as Geog 333; course may be taken only once for credit. Recommended: upper division standing or Geog 210. [NEW]

Ph 424 Classical Mechanics I (4) [CHANGE CREDIT HRS FROM 3 TO 4]

†Ph 425/525

Classical Mechanics II (4)

Advanced formulation of mechanics. Lagrange's and Hamilton's equations. The inertial tensor, free rotations, and rigid body dynamics. Theory of small oscillations, coupled oscillations and normal modes. Additional special topics may include Chaos theory and special relativity. Recommended: Ph 424 and Mth 256. [CHANGE CREDIT HRS FROM 3 TO 4, DESCRIPTION]

BUSINESS ADMINISTRATION

Finance

Fin 439/539

Real Estate Valuation I (3) [CHANGE TITLE]

Fin 440/540

Real Estate Valuation II (4)

Principles of valuation applied in the context of real estate investments. Financial strength analysis, cash flow estimation, determining the cost of capital, various discounted cash flow methods. Option valuation and real options approaches. Relative valuation approaches. Applied to the valuation of Real Estate Investment Trusts and other real estate development entities. Prerequisites for undergraduates: Fin 319 and Fin 439.

Prerequisite for graduates: Fin 539. [NEW]

Fin 453

Real Estate Finance and Investments (3) [CHANGE NUMBER FROM 499 – UNDERGRADUATE SECTION SPLIT OFF]

Fin 599

Real Estate Finance and Investments (3) [CHANGE NUMBER TO 599 ONLY – UNDERGRADUATE SECTION SPLIT OFF]

GRADUATE SCHOOL OF EDUCATION

Curriculum and Instruction

CI 476/576

Equity and Cultural Diversity in Early Childhood Education (3)

6/26/07:swh

Explores developmental early childhood education practices, emphasizing developmentally and culturally appropriate objectives as well as anti-bias learning goals. Develops awareness of quality teaching practices by exploring personal cultural history, gaining insights into living examples of difference, witnessing the effects of bias, and learning to support fairness and issues of equity in a classroom. [NEW]

Educational Policy, Foundations, and Administrative Studies

EPFA 439/539

Developing Training Materials (3)

Focuses on the theories and skills necessary to plan, develop and use effective participant and presentation training materials that enhance adult learning. Emphasizes the linkage of instructional design, adult learning representational systems, and graphic design theories and how materials increase transfer of learning. Examines effective written communication, the selection and use of production methods, and project plans for training materials. [NEW]

EPFA 444/544

Instructional Design for On-line Based Training (3)

Examines the adult learning instructional strategies, interactive techniques, information architecture, and user-interface design principles used in online training. Analyze audience learning and experience preferences, training requirements, and content objectives and use that information to choose appropriate online training strategies and methods. [NEW]

EPFA 445/545

Building On-line Training (4)

Examines development methodologies/processes, principles of task identification, risk mitigation, technical architecture, creative tools, and project management strategies used in building on-line training courses. Apply learning theory and project management principles to development of online trainings. [NEW]

Electrical and Computer Engineering

ECE 414/514

Electronics Packaging for Electrical & Computer Engineers (4)

Introduction to electronics packaging; electrical, mechanical, thermal, materials, and reliability design considerations; modeling, and testing. Prerequisite: senior or graduate standing in ECE. [NEW]

ECE 441

Electrical Energy Systems Components (4)

Introduces the following topics: three-phase power, per unit system calculations, impedance and reactance diagrams, nodal equations, bus admittance and impedance matrices, transformer and synchronous generator modeling, transmission lines parameters, steady state operation, generation models, basic power flow. Prerequisite: ECE 332. [NEW]

ECE 442

Electrical Energy Systems Protection and Control (4)

Introduces the following topics: symmetrical components, fault studies, system protection fundamentals, numerical methods for symmetric and unsymmetrical operation, transmission line and system protection analysis, transmission line transient modeling, electromagnetic transients. Prerequisite: ECE 332. [NEW]