

# Winter 1999 Curriculum Report

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**WINTER 1999**

**BRING THIS PRELIMINARY REPORT OF THE UNIVERSITY OF OREGON COMMITTEE ON COURSES TO THE UNIVERSITY SENATE MEETING ON March 10, 1999**

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## **OVERVIEW**

**The body of this report consists of two major sections: Proposed Course Changes for Fall 1999 (unless stated otherwise) and Other Curricular Matters. For the first time, changes in undergraduate courses for group-satisfying status or multicultural status are listed in the main body of this report. Policies and definitions governing group and multicultural general-education requirements are under Other Curricular Matters.**

**An Appendix of proposals that the committee received winter term 1999 or earlier—but did not approve—is provided as a courtesy. It is not part of the motion submitted to the University Senate.**

**Grading, repeatability, sequence. Unless indicated otherwise, courses may be taken either pass/no pass or for letter grades. P/N only or Graded only indicates that all students must take the course as specified in the bold print. Separate grading options for majors are bracketed in this report and appear in UO class-schedule notes; they are not printed in UO bulletins or catalogs. R after course credits means that the course number may be repeated for credit. "Sequence" after the description means the courses must be taken in numerical order. Changes in course descriptions, instruction type, pre- and corequisites are not necessarily included here.**

## **LOOKING AHEAD**

**The Committee on Courses offers the following reminders:**

- **If there is any question that a proposed new or changed course might duplicate coverage in an existing course from another department or school, the proposing department must gain written confirmation that the other department has been consulted and does not object to the new or changed course.**
- **According to University Senate legislation, courses submitted for group-satisfying status must be submitted to the College of Arts and Sciences Curriculum Committee. CAS departments submit them directly to that committee; academic departments in professional schools and colleges submit them to their own dean's office, which submits approved proposals to the CAS Curriculum Committee. That committee reviews all group-satisfying proposals before passing them on to the UO Committee on Courses.**
- **Proposals for undergraduate group-satisfying and multicultural courses must include written justification, regardless of whether they are new or existing courses.**
- **Courses may not be both group-satisfying and repeatable for credit.**
- **Proposals for new courses should be accompanied by full syllabi.**
- **For 400-/500-level courses, both proposal forms and syllabi must state explicitly the substantive and measurable differences in type and amount of work for the two levels.**
- **Changes in University Senate—approved UOCC preliminary reports take effect the following fall term unless requested by a department and stated otherwise in the report.**

**May 12, 1999: University Senate considers spring 1999 preliminary report of the University Committee on Courses (effective fall 1999 unless stated otherwise). Changes in this report will first appear in the 2000—01 UO Catalog (title change from *UO Undergraduate and Graduate Bulletin* is pending written permission from local U.S. Postmaster).**

**July 8, 1999: Publication of 1999—2000 *University of Oregon Catalog***

## **MOTION**

**The University of Oregon Committee on Courses moves that Proposed Course Changes for Fall 1999 (unless stated otherwise) and Other Curricular Matters be approved. If approved, they take effect fall 1999 unless stated otherwise. Changes in this report will first appear in the 2000—01 UO Catalog.**

**University of Oregon Committee on Courses**

***Voting: Paul Engelking, chair Ex officio: Herb Chereck***

**C. Melvin Aikens Nan Coppock-Bland**

**Harold Owen Toby Deemer**

**Robert Ribe Marliss Strange**

**Ron Sherriffs**

**Larry Singell *Staff support:* Kathy Campbell**

**Christopher Wilson Gayle Freeman**

## **PROPOSED COURSE CHANGES FOR FALL 1999**

**(unless stated otherwise)**

### **COLLEGE OF ARTS AND SCIENCES**

#### **Biology**

##### **Existing-Course Changes**

**BI 311. See ANAT 311 under Exercise and Movement Science.**

**BI 312. See ANAT 312 under Exercise and Movement Science.**

**BI 313. See HPHY 313 under Exercise and Movement Science.**

**BI 314. See HPHY 314 under Exercise and Movement Science.**

##### **Computer and Information Science**

**(Computer and Information Science, Oregon Master of Software Engineering)**

##### **Existing-Course Change**

**CIS 323, either graded or pass/no pass**

**(Change grading option.)**

## **CIS 323 Data Structures Laboratory (2) P/N only**

### **New Courses**

**OMSE 500 Principles of Software Engineering (3) Graded only.** Introduction to engineering of software processes in industry. Emphasizes process modeling and improvement and current best practice in core software engineering activities.

**OMSE 511 Managing Software Development (3) Graded only.** Introduction to software engineering. Emphasizes the nature of software engineering, the software process, and the problems and solutions in real development and modification projects. Prereq: OMSE 500.

**OMSE 512 Understanding the Software Business (3) Graded only.** Introduces the business and economic aspects of software development. Topics include the basics of product marketing, pricing, finance, strategic planning, and business law. Prereq: OMSE 500.

**OMSE 513 Professional Communication Skills for Software Engineers (3) Graded only.** Covers communication and other leadership skills. Includes technical writing, effective presentations, effective meetings, team and decision-making skills, and professional ethics. Prereq: OMSE 500.

**OMSE 521 Quantitative Decision-Making (3) Graded only.** Provides knowledge and skills in applying quantitative metric-based tools to decision-making under uncertainty. Topics include measurement and statistical concepts, decision-making, and models and metric development. Prereq: OMSE 500.

**OMSE 522 Modeling and Analysis of Software Systems (3) Graded only.** Provides the fundamental mathematical concepts needed to understand abstract models, which are used to formalize specifications of software systems, and to reason about them. Prereq: OMSE 500.

**OMSE 525 Software Quality Analysis (3) Graded only.** Processes, methods, and techniques for producing and assessing high-quality software. Inspections, static analysis and dynamic, and integrating high quality into software development processes. Prereq: OMSE 500.

**OMSE 531 Software Requirements Engineering (3) Graded only.** Principles, tools, techniques for required elicitation, specification analysis. Requirements development role, requirements goal, requirement difficulty for real systems. Techniques for formally modeling, specifying software requirements. Prereq: OMSE 522, 525.

**OMSE 532 Software Architecture and Domain Analysis (3) Graded only.** Methods and principles of the architectural design of complex, large-scale software systems to accommodate change and evolution through many product releases or versions. Prereq: OMSE 522.

**OMSE 533 Software Design Techniques (3) Graded only.** Covers the principles of software design and a survey of design methods, techniques, and tools. Includes in-depth and hands-on study of at least one method. Prereq: OMSE 522.

**OMSE 535 Software Implementation and Testing (3) Graded only.** Principles and practice of implementing, verifying, delivering, and maintaining high-quality computer software. Emphasizes the theory and practice of software testing and its role in development. Prereq: OMSE 522, 525.

**OMSE 551 Strategic Software Engineering (3) Graded only.** Principles, methods, and tools for strategic software development. Includes process modeling and improvement, developing software families, and approaches to the generation and reuse of artifacts. Prereq: OMSE 511, 512, 513, 521, 531, 532, 533, 535.

**OMSE 555, 556 Software Development Practicum I,II (3,3) Graded only.** Problem analysis, planning, requirements definition, and implementation. Applying advanced software engineering techniques to a disciplined development of a realistic product and evaluating the results. Prereq: OMSE 511, 512, 513, 521, 531, 532, 533, 535. Sequence.

**OMSE 607 Seminar: [Topic] (3R) Graded only.** Topics vary according to the interests and needs of students and the availability of faculty members.

**OMSE 610 Experimental Course: [Topic] (3R) Graded only.** New courses are offered under this number for a year or two before final definition and approval by the University Senate and the State Board of Higher Education.

## English

### New Courses

(Subject previously taught in ENG 489/589 Native American Literature and in ENG 498/598 Studies in Women and Literature.)

**ENG 463/563 Native American Women Writers (4) [Graded only for majors.]** Examines issues of traditional matriarchy and its relationship to the emergence of feminism in writings of Native American Women. Prereq: junior standing or above. Offered alternate years.

*[ENG 463 approved for multicultural Category A (American cultures).]*

(Subject previously taught in ENG 410/510 Experimental Course.)

**ENG 464/564 Native Americans in Literature and Law (4) [Graded only for majors.]** Explores the relationship between truth and fiction in legal writings and literature as they depict Native

**American experience. Prereq: junior standing or above. Offered alternate years.**

*[ENG 464 approved for multicultural Category A (American cultures).]*

**(Subject previously taught in ENG 488/588 Race and Representation in Film.)**

**ENG 480/580 Native American Representation in Film (4) [Graded only for majors.] Examines the representation of Native Americans in films from 1910 to the present, focusing on issues of identity, colonialism, and liberation movements. Prereq: junior standing or above.**

*[ENG 480 approved for multicultural Category A (American cultures).]*

### Exercise and Movement Science

(Anatomy, Exercise and Movement Science, Human Physiology)

### Existing-Course Changes

**BI 311**

**(Change subject code.)**

**ANAT 311 Human Anatomy I: Bones, Muscles, Nerves (4)**

**BI 312**

**(Change subject code and prerequisite.)**

**ANAT 312 Human Anatomy II: Systems of the Body (4) Prereq: ANAT 311.**

**EMS 331**

**(Change course number.)**

**EMS 335 Motor Development (4)**

**EMS 332**

**(Change course number; add prerequisite.)**

**EMS 333 Motor Control (4) Prereq: EMS 335.**

## **BI 313**

**(Change subject code.)**

**HPHY 313 Human Physiology I: Nerve, Muscle, Senses (4)**

## **BI 314**

**(Change subject code and prerequisite.)**

**HPHY 314 Human Physiology II: Homeostatic Mechanisms (4) Prereq: HPHY 313.**

## **New Courses**

**ANAT 401 Research: [Topic] (1—6R) R when topic changes.**

**ANAT 405 Reading and Conference: [Topic] (1—6R) R when topic changes.**

**ANAT 406 Special Problems: [Topic] (1—6R) R when topic changes.**

**ANAT 407/507 Seminar: [Topic] (1—5R) R when topic changes.**

**ANAT 408/508 Workshop: [Topic] (1—6R) R when topic changes.**

**ANAT 409 Practicum: [Topic] (1—6R) R when topic changes.**

**ANAT 410/510 Experimental Course: [Topic] (1—5R) R when topic changes.**

**ANAT 601 Research: [Topic] (1—16R) P/N only. R when topic changes.**

**ANAT 605 Reading and Conference: [Topic] (1—6R) R when topic changes.**

**ANAT 606 Special Problems: [Topic] (1—16R) R when topic changes.**

**ANAT 607 Seminar: [Topic] (1—5R) R when topic changes.**

**ANAT 608 Workshop: [Topic] (1—6R) R when topic changes.**

**ANAT 609 Practicum: [Topic] (1—6R) R when topic changes.**

**ANAT 610 Experimental Course: [Topic] (1—5R) R when topic changes.**



**HPHY 401 Research: [Topic] (1—6R) R when topic changes.**

**HPHY 405 Reading and Conference: [Topic] (1—6R) R when topic changes.**

**HPHY 406 Special Problems: [Topic] (1—6R) R when topic changes.**

**HPHY 407/507 Seminar: [Topic] (1—5R) R when topic changes.**

**HPHY 408/508 Workshop: [Topic] (1—6R) R when topic changes.**

**HPHY 409 Practicum: [Topic] (1—6R) R when topic changes.**

**HPHY 410/510 Experimental Course: [Topic] (1—5R) R when topic changes.**

**HPHY 601 Research: [Topic] (1—16R) P/N only. R when topic changes.**

**HPHY 605 Reading and Conference: [Topic] (1—6R) R when topic changes.**

**HPHY 606 Special Problems: [Topic] (1—16R) R when topic changes.**

**HPHY 607 Seminar: [Topic] (1—5R) R when topic changes.**

**HPHY 608 Workshop: [Topic] (1—6R) R when topic changes.**

**HPHY 609 Practicum: [Topic] (1—6R) R when topic changes.**

**HPHY 610 Experimental Course: [Topic] (1—5R) R when topic changes.**

## **Geological Sciences**

### **Old Courses Dropped**

**GEOL 637 Advanced Paleontology II: Topics in Paleoecology (3)**

**GEOL 638 Advanced Paleontology III: Micropaleontology (3)**

### **Existing-Course Changes**

## **GEOL 101 Introduction to Geology: The Dynamic Interior**

**(Change title and description.)**

**GEOL 101 Earth's Dynamic Interior (4) Plate tectonics, mantle flow, and magmatism. Volcanoes, earthquakes, mountain building, generation of Earth's crust; rocks and minerals; Earth's internal structure. Comparison with other planets.**

*[Still in Group III (science).]*

## **GEOL 102 Introduction to Geology: The Face of the Earth**

**(Change title and description.)**

**GEOL 102 Environmental Geology and Landform Development (4) Landforms, surface processes, and interactions between humans and the environment. Weathering, erosion, sedimentation, groundwater, streams, glaciers, deserts, oceans, and coastlines; geologic hazards.**

*[Still in Group III (science).]*

## **GEOL 103 Introduction to Geology: The Evolving Earth**

**(Change title and description.)**

**GEOL 103 The Evolving Earth (4) History of the Earth. Geologic time, sedimentary environments; oceans, mountains, and climate through time; stratigraphic history of North America; evolution of plants and animals.**

*[Still in Group III (science).]*

## **GEOL 201 General Geology: Earth's Interior Heat and Dynamics**

**(Change title and description.)**

**GEOL 201 Earth's Interior Heat and Dynamics (4) Processes that cause earthquakes, volcanism, mountain building, and plate tectonics. Includes Earth's origin and internal structure, rocks and minerals, gravity and magnetism. Weekly lectures, two-hour laboratory. For students with majors or backgrounds in science, or honors college students.**

*[Still in Group III (science).]*

## **GEOL 202 General Geology: Earth's Surface Processes and Morphology**

**(Change title and description.)**

**GEOL 202 Earth Surface and Environmental Geology (4) Earth materials, the rock record, human interactions with surface environment. Sedimentary rocks and environments, chemical and physical weathering, mineral and energy resources, hydrogeology, groundwater contamination, surface processes, human impacts. Weekly lectures, two-hour laboratory. For students with majors or backgrounds in science, or honors college students.**

*[Still in Group III (science).]*

**GEOL 203 General Geology: Evolution of the Earth**

**(Change title and description.)**

**GEOL 203 Evolution of the Earth (4) Origin, history, and physical evolution of the Earth; geologic time scales, development of the global stratigraphic section. Weekly lectures, two-hour laboratory. For students with majors or backgrounds in science, or honors college students.**

*[Still in Group III (science).]*

**GEOL 303**

**(Change number.)**

**GEOL 213 Geology of the National Parks (4)**

*[Still in Group III (science).]*

**GEOL 451/551 Groundwater Hydrology**

**(Change title and prerequisites.)**

**GEOL 451/551 Hydrogeology (4) Prereq: GEOL 101, 102, 103 or instructor's consent; MATH 256; one year each of calculus, chemistry, and physics.**

### New Courses

**(Subject previously taught in GEOL 410/510 Experimental Course.)**

**GEOL 440/540 Sedimentary Basis Analysis (4) Evolution of sedimentary basins, emphasizing**

**tectonic controls on basin formation and filling. Interpretation of subsidence mechanisms and sedimentary processes through analysis of the stratigraphic record. Pre- or coreq: GEOL 334, 350.**

**(Subject previously taught in GEOL 610 Experimental Course.)**

**GEOL 651 Groundwater in Geologic Processes: [Topic] (3R) Basics of groundwater flow, solute transport and heat transport. Topics include regional-scale transport, formation of ore deposits and hydrocarbons, geothermal processes, groundwater and tectonics, diagenesis and metamorphism. Prereq: GEOL 451/551. R thrice when topic changes for maximum of 12 credits.**

### Germanic Languages and Literatures

#### Existing-Course Changes

**GER 104, 105; 6 credits each**

**(Increase credits.)**

**GER 104, 105 Intensive First-Year German (7,8)**

*[Effective summer 1999.]*

#### History

#### Old Course Dropped

**HIST 122 World History since 1700 (4)**

*[Remove from Group II (social science) and multicultural Category C (international cultures).]*

#### Existing-Course Changes

**HIST 120, 121 World History to 1700**

**(Reinstate numbers and titles.)**

**HIST 104, 105 World History (4,4) Survey of world cultures and civilizations and their actions. Includes study of missionary religions, imperialism, economic and social relations. 104: ancient societies. 105: early modern. Sequence.**

*[Still satisfies Group II (social science) and multicultural Category C (international cultures).]*

## **HIST 123 World History since 1700**

**(Reinstate number and title.)**

**HIST 106 World History (4) Survey of world cultures and civilizations and their actions. Includes study of missionary religions, imperialism, economic and social relations. 106: modern. Sequence.**

*[Still satisfies Group II (social science) and multicultural Category C (international cultures).]*

## **HIST 440/540 The Book in History (4)**

**(Change title, majors grading option, and description; add repeatability.)**

**HIST 440/540 The Book in History: [Topic] (4R) [Graded only for majors.] The book as cultural artifact, commercial commodity, and primary vehicle for the spread of ideas. I: Authorship and Publishing History. II: Reading and Censorship. R twice when topic changes for maximum of 12 credits.**

### **New Course**

**HIST 273 Introduction to American Environmental History (4) [Graded only for majors.] Introduction to concepts, concerns, and methods of environmental history, especially in the context of American history to the present.**

*[Satisfies Group II (social science) and multicultural Category A (American cultures).]*

### **Linguistics**

#### **Existing-Course Change**

## **LING 311**

**(Change course number.)**

## **LING 211 Languages of the World (4)**

*[Still satisfies Group II (social science) and multicultural Category C (international cultures).]*

### **Women's Studies**

#### **New Course**

**(Subject previously taught in WST 407/507 Seminar.)**

**WST 413/513 Feminist Pedagogy (1) P/N only** Surveys strategies for facilitating discussions in women's studies classes and the special problems of teaching about gender, race, and sexuality. Prereq: WST 101 or equivalent.

## **PROFESSIONAL SCHOOLS AND COLLEGES**

### **SCHOOL OF ARCHITECTURE AND ALLIED ARTS**

#### **Architecture**

#### **Old Courses Dropped**

**ARCH 399 Special Studies: [Topic] (1—6R)**

**ARCH 416/516 Project Management (3)**

**ARCH 425/525 Design Synthesis (3)**

**ARCH 438/538 Climate Analysis for Design (3)**

**ARCH 456/556 Spatial Composition and Dynamics (3)**

**ARCH 464/564 Advanced Reinforced Concrete Systems (4)**

**ARCH 465/565 Advanced Structures (4)**

**ARCH 467/567, 468/568 Structure Systems I,II (3,3)**

**ARCH 472/572 Materials and Processes of Construction (3)**

#### **New Course**

**ARCH 399 Special Studies: [Topic] (1—6R)**

#### **Art History**

#### **New Course**

**ARH 403 Thesis: [Topic] (1—6R) Prereq: ARH 401. Departmental honors majors only.**

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**Fine and Applied Arts**

**(General Art, Photography)**

*The Department of Fine and Applied Arts requests a new subject code, ARTO, which stands for art: photography.*

**Existing-Course Changes**

**ARTV 351 Creative Photography I (4R)**

**(Change subject code and title.)**

**ARTO 351 Creative Black-and-White Photography (4R) Prereq: instructor's consent. R once for maximum of 8 credits.**

**ARTV 452/552 Creative Photography II (3—4R)**

**(Change subject code, title, and prerequisite; change from credit range to fixed credit.)**

**ARTO 452/552 Creative Large-Format Photography (4R) Prereq: ARTO 351. R twice for maximum of 12 credits.**

**ARTV 453/553 Creative Photography III (4R)**

**(Change subject code, title, and prerequisite.)**

**ARTO 453/553 Constructed Image in Creative Photography (4R) Prereq: ARTO 351. R twice for maximum of 12 credits.**

**ARTV 454/554 (3—4R)**

**(Change subject code; change from credit range to fixed credit.)**

**ARTO 454/554 Color Photography (4R)**

**ARTV 476/576 (3—4R)**

**(Change subject code and prerequisites; change from credit range to fixed credit.)**

**ARTO 476/576 Alternative Photographic Processes (4R) Prereq: ARTO 351, 452/552 or instructor's consent. R twice for maximum of 12 credits.**

**ARTV 478/578 Contemporary Photography Issues (4R)**

**(Change subject code, title, description, and prerequisite.)**

**ARTO 478/578 Photography in Art and Culture (4R) Extensive information and discussion of historical directions in photography, concentrating on mid-20th-century American photography, artists, and issues from its invention through the 1980s. Prereq: ARTO 351. R once for maximum of 8 credits.**

**ARTV 484/584 (3—4R)**

**(Change subject code and prerequisite; change from credit range to fixed credit.)**

**ARTO 484/584 Advanced Photography (4R) Prereq: ARTO 351, 16 credits in photography, instructor's consent. R four times for maximum of 20 credits.**

**ARTV 694 Graduate Studies in Photography (3—5R)**

**(Change subject code.)**

**ARTO 694 Graduate Studies in Photography (3—5R) Prereq: portfolio, instructor's consent.**

### New Courses

**(Subject previously taught in ART 208 Foundation: [Topic].)**

**ART 101 Understanding Contemporary Media (4) Examines contemporary developments in specific media of visual art. Emphasizes process and practice in ceramics, fibers, metalsmithing, painting, photography, printmaking, sculpture, and visual design.**

*[Approved for arts and letters (Group I) status.]*

**ARTO 199 Special Studies: [Topic] (1—5R)**



**ARTO 401 Research: [Topic] (1—12R)**

**ARTO 404 Internship: [Topic] (1—12R)**

**ARTO 405 Reading and Conference: [Topic] (1—6R)**

**ARTO 406 Special Problems: [Topic] (1—8R)**

**ARTO 407/507 Seminar: [Topic] (1—4R)**

**ARTO 408/508 Workshop: [Topic] (1—6R)**

**ARTO 409 Terminal Creative Project B.F.A. (1—12R) Majors only.**

**ARTO 410/510 Experimental Course: [Topic] (1—6R)**

**(Subject previously taught in ARTV 478/578.)**

**ARTO 479/579 Contemporary Theory in Photography (4R) Contemporary language and cultural theory as it constitutes postmodern thought in photography and the arts. Prereq: ARTO 351. R once for maximum of 8 credits.**

**ARTO 601 Research: [Topic] (1—12R) P/N only**

**ARTO 604 Internship: [Topic] (1—12R) P/N only**

**ARTO 605 Reading and Conference: [Topic] (1—6R)**

**ARTO 606 Special Problems: [Topic] (1—12R)**

**ARTO 607 Seminar: [Topic] (1—4R)**

**ARTO 608 Colloquium: [Topic] (1—8R)**

**ARTO 609 Terminal Creative Project M.F.A. (1—12R) Majors only.**

**ARTO 610 Experimental Course: [Topic] (1—6R)**

**Planning, Public Policy and Management**

**Existing-Course Change**

## **PPPM 614 Alternative Dispute Resolution**

**(Change title.)**

## **PPPM 614 Conflict Resolution (5)**

### **New Course**

**(Subject previously taught in PPPM 610 Experimental Course: [Topic].)**

**PPPM 645 Leadership and Facilitation Methods (4) P/N only. Identifies and develops effective skills to enhance the leadership ability of all members of a group or organization. Facilitates collaborative group efforts.**

## **COLLEGE OF EDUCATION**

### **Applied Behavioral and Communication Sciences**

**(Communication Disorders and Sciences, Counseling Psychology)**

### **Old Courses Dropped**

**CDS 661 Auditory Language Processing (3)**

**CPSY 458/558 Prevention Strategies (3)**

**CPSY 475/575 Supervision in Human Service Agencies (3)**

**CPSY 618 Intake Interview and Assessment (3) P/N only**

**CPSY 678 Transactional Analysis and Gestalt Approaches to Counseling (3)**

### **Educational Leadership, Technology, and Administration**

### **Existing-Course Changes**

**ELTA 665 Project Management (3) See Applied Information Management under GRADUATE SCHOOL.**

**ELTA 668 Information Systems and Management (3) See Applied Information Management under GRADUATE SCHOOL.**

**ELTA 669 Data Management and Communications (3) See Applied Information Management under GRADUATE SCHOOL.**

### **Special Education and Community Resources**

**(School Psychology)**

### **Old Courses Dropped**

**SPSY 651 Attention Deficit Hyperactivity Disorder (3)**

**SPSY 683 Family Interventions in Childhood Behavior Disorders (3)**

### **Other**

**(Education, Educational Studies)**

### **Old Courses Dropped**

**EDUC 611 Master's Project (3)**

**EDUC 655 Final Field Experience (12)**

**EDUC 661 Early Childhood Curriculum and Assessment (6)**

**EDUC 662 Administration of Early Childhood Programs (3)**

**EDUC 671 Personalized Learning for Diverse Students (3)**

**EDUC 683 Analyzing Reading Research (4)**

**EDUC 684 Curricula and Contexts of Literacy (4)**

### **SCHOOL OF MUSIC**

### **Music**

### **Existing-Course Changes**

**MUS 234, 235, 236; 2 credits each**

**(Increase credits.)**

**MUS 234, 235, 236 Aural Skills II (3,3,3)**

**MUS 351; 3 credits**

**(Increase credit.)**

**MUS 351 The Music of Bach and Handel (4)**

*[Still satisfies Group I (arts and letters).]*

**MUS 353; 3 credits**

**(Increase credit.)**

**MUS 353 Survey of Opera (4)**

*[Still satisfies Group I (arts and letters).]*

### **Music Education**

#### **Existing-Course Changes**

**MUE 471/571 (2)**

**(Increase credit.)**

**MUE 471/571 Pedagogy I: Teaching Beginners (3)**

**MUE 605 (1—2R)**

**(Increase credit range.)**

**MUE 605 Reading and Conference: [Topic] (1—4R)**

### **OTHER**

## **GRADUATE SCHOOL**

### **Applied Information Management**

*The Graduate School requests a new subject code, AIM, which stands for applied information management.*

### **Existing-Course Changes**

#### **ELTA 665**

**(Change subject code.)**

**AIM 665 Project Management (3)**

#### **ELTA 668**

**(Change subject code.)**

**AIM 668 Information Systems and Management (3)**

#### **ELTA 669**

**(Change subject code.)**

**AIM 669 Data Management and Communications (3)**

### **New Courses**

**AIM 407/507 Seminar: [Topic] (1—5R)**

**AIM 408/508 Workshop: [Topic] (1—6R)**

**AIM 607 Seminar: [Topic] (1—5R)**

**AIM 608 Workshop: [Topic] or Colloquium: [Topic] or Special Topics: [Topic] (1—6R)**

**AIM 609 Terminal Project (1—6R)**

## **LIBRARY**

## Old Courses Dropped

**LIB 210 Research Strategies and Information Technology (3)**

## Existing-Course Changes

**LIB 101 Introduction to the Library**

**(Change title.)**

**LIB 101 Introduction to Library Research (1)**

## New Courses

**(Replaces LIB 210.)**

**LIB 323 Modern Information Environment (4) Discusses the complexities of the modern information environment. Develops skills in locating, retrieving, and evaluating information. Examines the sociopolitical issues of information access.**

**LIB 399 Special Studies: [Topic] (1—5R) Introduction to general library resources and to subject-related library resources. R when topic changes.**

**(Subject previously taught in LIB 410/510 Experimental Course.)**

**LIB 453/553 Government Information (4) Characteristics and life cycles of information produced by federal, state, and local government bodies. Policies governing access to public information. Finding and using government information.**

**(Subject previously taught in LIB 199H Special Studies and in LIB 410/510 Experimental Course.)**

**LIB 463/563 Internet Information and Culture (4) Examines the social, economic, and political impact of cyberspace on society. Develops cyberspace literacy skills, including finding information, critical evaluation of information, and web publishing.**

## PHYSICAL ACTIVITY AND RECREATION SERVICES

### Physical Education

**(Aerobics, Aquatics, Aquatic SCUBA, Individual Activities, Team Sports)**

*PARS has requested a new subject code, PEAS, for Physical Education Aquatic SCUBA (Self-Contained Underwater Breathing Apparatus) courses.*

**Existing-Course Changes**

**PEAQ 368 Physical Education Basic Scuba**

**(Change subject code and title.)**

**PEAS 368 Physical Education Aquatic SCUBA: Basic SCUBA (2R)**

**PEAQ 369 Physical Education Advanced Scuba**

**(Change subject code and title.)**

**PEAS 369 Physical Education Aquatic SCUBA: Advanced SCUBA (1R)**

**PEAQ 370 Physical Education Scuba (Rescue Diver)**

**(Change subject code and title.)**

**PEAS 370 Physical Education Aquatic SCUBA: Rescue Diver (1R)**

**PEAQ 371 Physical Education Scuba (Underwater Navigator)**

**(Change subject code and title.)**

**PEAS 371 Physical Education Aquatic SCUBA Underwater Navigator (1R)**

**PEAQ 372 Physical Education Scuba (Altitude Diver)**

**(Change subject code and title.)**

**PEAS 372 Physical Education Aquatic SCUBA: Altitude Diver (1R)**

**PEAQ 373 Physical Education Scuba (Search and Recovery)**

**(Change subject code and title.)**

**PEAS 373 Physical Education Aquatic SCUBA: Search and Recovery (1R)**

**PEAQ 374 Physical Education Scuba (Multilevel Diver—Drift Diver)**

**(Change subject code and title.)**

**PEAS 374 Physical Education Aquatic SCUBA: Multilevel Diver—Drift Diver (1R)**

**PEAQ 375 Physical Education Scuba (Deep Diver)**

**(Change subject code and title.)**

**PEAS 375 Physical Education Aquatic SCUBA: Deep Diver (1R)**

**PEAQ 376 Physical Education Scuba (Night Diver—Underwater Naturalist)**

**(Change subject code and title.)**

**PEAS 376 Physical Education Aquatic SCUBA: Night Diver—Underwater Naturalist (1R)**

**PEAQ 381 Physical Education Scuba (Dive Master I)**

**(Change subject code and title.)**

**PEAS 381 Physical Education Aquatic SCUBA: Dive Master I (2R)**

**PEAQ 382 Physical Education Scuba (Dive Master II)**

**(Change subject code and title.)**

**PEAS 382 Physical Education Aquatic SCUBA: Dive Master II (2R)**

**PEAQ 383 Physical Education Scuba (Professional Association of Diving Instructors Instructor-Development Course)**

**(Change subject code and title.)**

**PEAS 383 Physical Education Aquatic SCUBA: Professional Association of Diving Instructors Instructor-Development Course (2R)**

**New Courses**

**PEAE 132 Physical Education Aerobics: Body Sculpting II (1R)**



*[Effective fall 1997.]*

**(Subject previously taught in PEAQ 199 Physical Education Aquatics: Special Studies.)**

**PEAQ 225 Physical Education Aquatics: Swim and Run (2R) R once for maximum of 4 credits.**

**PEAS 199 Physical Education Aquatic SCUBA: Special Studies: [Topic] (1—2R)**

**PEAS 399 Physical Education Aquatic SCUBA: Special Studies: [Topic] (1—2R)**

**(Subject previously taught in PEI 399 Physical Education Individual Activities: Special Studies.)**

**PEI 223 Physical Education Individual Activities: Billiards III (1R) P/N only. R once for maximum of 2 credits. Prereq: PEI 222 or equivalent.**

**(Subject previously taught in PETS 399 Physical Education Team Sports: Special Studies.)**

**PETS 235 Physical Education Team Sports: Grass Volleyball (1R) R once for maximum of 2 credits.**

## **OTHER CURRICULAR MATTERS**

**(effective fall 1999 unless indicated otherwise)**

## **UNDERGRADUATE GENERAL-EDUCATION REQUIREMENTS**

*Changes in courses for group-satisfying status or multicultural status are listed in the main body of this report.*

## **Revised Group-Requirement Policies**

*The following criteria were proposed by the Undergraduate Council and the College of Arts and Sciences Curriculum Committee. The University Senate approved them in May 1998.*

- 1. Group-satisfying courses proposed by departments or individual faculty members must be reviewed by both the College of Arts and Sciences Curriculum Committee and the University Committee on Courses before submission to the University Senate.**
- 2. Group-satisfying courses must be numbered at the 100, 200, and 300 levels. Lower-division courses must be offered annually and upper-division courses at least biannually. Approved courses must be at least 3 credits each**
- 3. No more than three courses with the same subject code may be counted by a student as satisfying group requirements.**
- 4. Group-satisfying courses in arts and letters, social science, and science must meet the following criteria:**
  - a. Group-satisfying courses in arts and letters must create meaningful opportunities for students to engage actively in the modes of inquiry that define a discipline. Proposed courses must be demonstrably liberal in nature and broad in scope. Though some courses may focus on specialized subjects or approaches, there must be a substantial course content locating that subject in the broader context of the major issues of the discipline. Qualifying courses will not focus on teaching basic skills but will require the application or engagement of those skills through analysis and interpretation.**
  - b. Group-satisfying courses in the social sciences must be liberal in nature rather than professionally oriented or devoted in substantial measure to the performance of professional skills. They must cover a representative cross-section of key issues, perspectives, and modes of analysis employed by scholars working on the subject matter addressed by the course. The subject matter of the course will be relatively broad (e.g., involving more than one issue, place, or time). Courses with an emphasis on methods and skills will satisfy the requirement only if there is also a substantial and coherent theoretical component.**
  - c. Group-satisfying courses in the sciences should introduce students to the foundations of one or more scientific disciplines, or provide a scientific perspective on a major problem facing society, or provide an introduction to scientific methods (including the use of mathematics and computers) used within or among disciplines.**

**5. In particular:**

- a. Courses designed primarily for majors are not excluded a priori from group status.**
- b. Courses in methods or statistical analysis are excluded in the social sciences, but courses in theory construction are acceptable.**
- c. Laboratory courses are not excluded from group-satisfying status in the sciences.**
- d. Qualifying courses in arts and letters cannot focus on teaching basic skills, so first-year German, for example, could not qualify for group status, but reading Goethe in German might.**

### **Multicultural-Category Definitions**

**Category A: American Cultures.** The goal is to focus on race and ethnicity in the United States by considering racial and ethnic groups from historical and comparative perspectives. Five racial or ethnic groups are identified: African American, Chicano or Latino, Native American, Asian American, European American. Approved courses deal with at least two of these groups in a comparative manner. They do not necessarily deal specifically with discrimination or prejudice, although many do.

**Category B: Identity, Pluralism, and Tolerance.** The goal is to gain scholarly insight into the construction of collective identities, the emergence of representative voices from varying social and cultural standpoints, and the effects of prejudice, intolerance, and discrimination. The identities at issue may include ethnicities as in the American Cultures category, as well as classes, genders, religions, sexual orientations, or other groups whose experiences contribute to cultural pluralism. This category includes courses that analyze the general principles underlying tolerance, or the lack of it.

**Category C: International Cultures.** The goal is to study world cultures in critical perspective. Approved courses either treat an international culture in view of the issues raised in Categories A and B—namely, race and ethnicity, pluralism and monoculturalism, and/or prejudice and tolerance—or explicitly describe and analyze a world-view—i.e., a system of knowledge, feeling, and belief—that is substantially different from those prevalent in the 20<sup>th</sup>-century United States.

### **NEW UNDERGRADUATE MAJOR**

#### **Environmental Science**

**In addition to the existing major in environmental studies, the Environmental Studies Program**

offers a new major in environmental science. Leading to either a bachelor of arts or a bachelor of science degree, the major requires a minimum of 104 credits, including 52 lower-division science credits and 20 credits in environmental social sciences and humanities. Upper-division credits can be earned exclusively in courses or through a combination of course work and a student-initiated project. An experiential-learning component is also required. Required credits for the environmental science major are distributed as follows:

**1. Environmental Studies Core. Introduction to Environmental Studies: Social Sciences (ENVS 201), Introduction to Environmental Studies: Natural Sciences (ENVS 202), Introduction to Environmental Studies: Humanities (ENVS 203)**

## **2. Mathematics and Natural Sciences**

**Mathematics.** Calculus I,II (MATH 251, 252); one 300- or 400-level course in statistics or data analysis—e.g., Geographic Data Analysis (GEOG 314) or Statistical Methods I (MATH 425)

**Natural Sciences.** at least three introductory science sequences selected from the following:

***Chemistry.*** Introductory General Chemistry (CH 211—213) *or* General Chemistry (CH 221—223) *or* equivalent. General Chemistry Laboratory (CH 227—229) strongly recommended simultaneously

***Earth sciences.*** Earth's Interior Heat and Dynamics (GEOL 201), Earth Surface and Environmental Geology (GEOL 202), Evolution of the Earth (GEOL 203) *or* The Natural Environment (GEOG 101), Global Environmental Change (GEOG 102), Evolution of the Earth (GEOL 203) *or* equivalent

***Life sciences.*** General Biology I: Cells (BI 211), General Biology II: Organisms (BI 212), General Biology III: Populations (BI 213) *or* Foundations I: Genetics and Evolution (BI 261), Foundations II: Molecular Genetics (BI 262), Foundations III: Biochemical Basis of Life (BI 263), Foundations IV: Biological Interactions (BI 264) *or* Introduction to Chemical Principles (CH 111), General Biology I: Cells (BI 211), General Biology III: Populations (BI 213)

***Physical sciences.*** General Physics (PHYS 201, 202, 203) *or* equivalent. Introductory Physics Laboratory (PHYS 204, 205, 206) strongly recommended.

## **3. Advanced Environmental Science**

**Six natural science upper-division courses selected from the following lists. Courses must be taken from at least four of the six areas, including at least one course from Human Dimensions and one course from Analytical Approaches.**

***Analytical approaches.*** Population Ecology (BI 471), Quantitative Ecology (BI 473),

**Modeling and Simulation (CIS 445), Computational Science (CIS 455), Advanced Geographic Data Analysis: [Topic] (GEOG 414), Introductory Geographic Information Systems (GEOG 416)**

***Atmosphere.* Climatology (GEOG 321)**

***Biosphere.* Forest Biology (BI 307), Marine Biology (BI 357), Ecology (BI 370), Biological Diversity (BI 375), Special Studies: Conservation Biology (BI 399), Marine Biology: [Topic] (BI 457) with appropriate topic, Marine Ecology (BI 474), Biogeography (GEOG 323), Principles of Applied Ecology (LA 441)**

***Geosphere.* Geomorphology (GEOG 322), Soil Genesis and Geography (GEOG 424), Mineralogy II: Systematic Mineralogy (GEOL 312), General Petrology (GEOL 313), Sedimentology and Stratigraphy (GEOL 334), Structural Geology (GEOL 350)**

***Human dimensions.* Human Ecology (ANTH 360), Population and Environment (GEOG 341), Climatological Aspects of Global Change (GEOG 432), Environmental Alteration (GEOG 461), Geologic Hazards (GEOL 353)**

***Hydrosphere.* Freshwater Biology (BI 308), Marine Biology: [Topic] (BI 457) with appropriate topic, Biological Oceanography (BI 458), Hydrology and Water Resources (GEOG 425), Hydrogeology (GEOL 451), Aqueous Geochemistry (GEOL 472)**

#### **4. Additional Advanced Electives**

**A. Advanced Science. Two courses selected from the following lists:**

***Anthropology.* Human Ecology (ANTH 360), Human Evolution (ANTH 361), Food and Culture (ANTH 365), Human Adaptation (ANTH 367)**

***Biology.* Forest Biology (BI 307), Freshwater Biology (BI 308), Microbiology (BI 330) with laboratory (BI 331), Plant Diversity and Physiology (BI 340), Invertebrate Biology (BI 351), Marine Biology (BI 357), Ecology (BI 370), Biological Diversity (BI 375), Evolution (BI 380), Animal Behavior (BI 390), Marine Field Studies: [Topic] (BI 412), Algae and Photosynthetic Bacteria (BI 431), Mycology (BI 432), Systematic Botany (BI 442), Field Botany (BI 448), Invertebrate Zoology (BI 451), Insect Biology (BI 452), Marine Birds and Mammals (BI 455), Marine Biology: [Topic] (BI 457), Biological Oceanography (BI 458), Field Ornithology (BI 459), Population Ecology (BI 471), Community Ecology (BI 472), Quantitative Ecology (BI 473), Marine Ecology (BI 474), Freshwater Ecology (BI 475), Microbial Ecology (BI 477), Advanced Evolutionary Genetics (BI 482), Conservation Biology (BI 483), Paleobiology and Paleoecology (BI 485), Methods of Pollen Analysis (BI 495)**

***Chemistry.* Organic Chemistry I (CH 331)**

***Computer and information science.* Modeling and Simulation (CIS 445), Computational Science (CIS 455)**

***Geography.* Climatology (GEOG 321), Geomorphology (GEOG 322), Biogeography (GEOG 323), Advanced Geographic Data Analysis: [Topic] (GEOG 414), Introductory Geographic Information Systems (GEOG 416), Advanced Climatology: [Topic] (GEOG 421), Advanced Geomorphology (GEOG 422), Advanced Biogeography : [Topic] (GEOG 423), Soil Genesis and Geography (GEOG 424), Hydrology and Water Resources (GEOG 425), Fluvial Geomorphology (GEOG 427), Long-Term Environmental Change (GEOG 430), Vegetation History and Ecosystem Dynamics (GEOG 431), Climatological Aspects of Global Change (GEOG 432), Environmental Alteration (GEOG 461)**

***Geological sciences.* Mineralogy II: Systematic Mineralogy (GEOL 312), General Petrology (GEOL 313), Sedimentology and Stratigraphy (GEOL 334), Structural Geology (GEOL 350), Sedimentary Petrology (GEOL 416), Geology of Ore Deposits (GEOL 425), Paleontology: Paleozoic Marine Fossils (GEOL 431), Paleontology II: Mesozoic and Cenozoic Marine Fossils (GEOL 432), Paleontology III: Nonmarine Fossils (GEOL 433), Paleopedology (GEOL 435), Hydrogeology (GEOL 451), Neotectonics and Quaternary Geology (GEOL 452), Geological and Environmental Fluid Mechanics (GEOL 454), Exploration Geophysics (GEOL 464), Aqueous Geochemistry (GEOL 472)**

***Landscape architecture.* Landscape Ecology (LA 412), Principles of Applied Ecology (LA 441)**

***Mathematics.* Linear Algebra (MATH 341) *or* Matrix Algebra (MATH 440)**

**B. Advanced Social Science and Humanities. Two courses selected from the following lists:**

***Architecture.* Environmental Control Systems I,II (ARCH 491, 492), Solar Heating (ARCH 493), Passive Cooling (ARCH 494), Daylighting (ARCH 495)**

***Art history.* Native American Architecture (ARH 463)**

***Economics.* Resource and Environmental Economic Issues (EC 333), Urban and Regional Economics (EC 430), Issues in Urban and Regional Economics (EC 431), Economy of the Pacific Northwest (EC 432), Resource and Environmental Economics (EC 433), Economic Growth and Development (EC 490)**

***English.* Literature of the Northwest (ENG 325), Literature and the Environment (ENG 469)**

***Geography.* Population and Environment (GEOG 341), Political Geography (GEOG 441), Urban Geography (GEOG 442), Environmental Alteration (GEOG 461), Historical and Contemporary Views of the Environment (GEOG 462), Geography, Law, and the Environment (GEOG 463)**

***International studies.*** International Community Development (INTL 420), Gender and International Development (INTL 421), World Value Systems (INTL 430), Cross-Cultural Communication (INTL 431)

***Landscape architecture.*** Site Analysis (LA 361), Landscape Architectural Design (LA 389), Urban Farm (LA 390), Landscape Planning (LA 411), Introduction to Landscape Planning Analysis (LA 440), Land and Landscape (LA 443), Landscape Preservation (LA 480), Landscape Perception (LA 484), Contemporary American Landscape (LA 485), Site Planning and Design (LA 489)

***Physics.*** Physicists' View of Nature (PHYS 301, 302, 303)

***Planning, public policy and management.*** Introduction to Public Service Management (PPPM 322), Public Service Policies and Programs (PPPM 323), Introduction to Public Law (PPPM 418), Environmental Planning (PPPM 426), Natural Resource Policy (PPPM 443), Communities and Regional Development (PPPM 445)

***Political science.*** Feminism and Ecology (PS 434), Government and Politics of Latin America I,II (PS 463, 464), Politics and Ecology (PS 474), International Environmental Politics (PS 477), Feminist Theory (PS 483), Environmental Politics (PS 497)

***Sociology.*** World Population and Social Structure (SOC 303), Community, Environment, and Society (SOC 304), Issues in Sociology of the Environment: [Topic] (SOC 416)

**C. Capstone Course.** Environmental Issues: [Topic]. Variable topics have common elements, including focus on controversial issues, interdisciplinary themes, formats that encourage student participation, and emphasis on student projects and presentations.

## **5. Experiential Learning**

**Complete one of the following:**

- one term at Oregon Institute of Marine Biology, Malheur Field Station, or another field station
- two terms of research with UO faculty member in environmental sciences
- internship with substantial environmental science component—subject to approval by the environmental studies internship coordinator
- science-oriented student-initiated project (SIP)—subject to approval by environmental studies SIP coordinator
- other science-oriented experiential learning as approved by environmental studies director or head adviser

## **Options and Restrictions**

***Student-initiated project* (12 credits).** Students choosing this limited-enrollment option must submit a proposal for their project. Admission is based on the quality of the proposal—general focus, integration of activities, detailed planning—and an evaluation of the student’s academic record. This option can replace two upper-division courses in 4.A. and/or 4.B.

***Departmental honors.*** To graduate with honors in environmental studies, a student must (a) have at least a 3.30 cumulative grade point average and a 3.50 GPA in courses required for the major, and (b) complete a science-oriented honors thesis under the supervision of a faculty member associated with the Environmental Studies Program.

At least 24 credits in courses applied to the major must be taken at the University of Oregon. Courses applied to the major must be graded unless pass/no pass (P/N) is the only available option. Grades of C— or better are required in all courses applied to the major. Not more than four courses applied to Areas 3 and 4 can be in the same department same subject code. All lower-division credits and up to 16 upper-division credits applied to an environmental science major can also be applied to a second major. However, no upper-division credits may be applied to both an environmental science major and an environmental studies major.

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## **NEW UNDERGRADUATE CERTIFICATE**

### **Second-Language Acquisition and Teaching**

On January 19, 1999, the Undergraduate Council approved a proposal for an undergraduate certificate in second-language acquisition and teaching (SLAT). Offered by the Department of Linguistics, the new certificate program will take effect fall 1999. The program requires two or three years of a second language and 23—24 credits, distributed as follows:

#### **A. Principles Core (12 credits)**

**Linguistic Principles and Second-Language Learning (LING 440) *or* Second-Language Acquisition (LING 444)**

**Second-Language Teaching (LING 445)**

**Second-Language Teaching Practice (LING 446)**

**Strongly recommended:**

**Introduction to Linguistics (LING 290)**

**Cross-Cultural Communication (INTL 431) *or* similar course**

**Advanced courses in language teaching methodologies**

#### **B. Target Language Focus (8 credits plus two or three years of second language)**



**1. If target language is English:**

**Structure of English Words (LING 150), English Grammar (ENG 495) and two other courses approved by certificate adviser.**

**Two years of college-level second-language study in another language (e.g., Chinese, French, German, Greek, Hebrew, Indonesian, Japanese, Korean, Latin, Russian, Spanish, Thai, or Vietnamese)**

*or*

**2. If target language is French, Japanese, Russian, or Spanish:**

**a. Three years of college-level second-language study in French, Japanese, Russian, or Spanish**

*and*

**b. Two courses from one of the following options:**

***French.* French Pronunciation and Phonetics (FR 315), French Linguistics: [Topic] (FR 420)**

***Japanese.* Choose two from Japanese Phonology and Morphology (JPN 440), Structure of the Japanese Language (JPN 441), Japanese Sociolinguistics (JPN 453)**

***Russian.* Choose two from Russian Phonology and Morphology (RUSS 440), Russian Syntax and Semantics (RUSS 441), Russian Phonetics (RUSS 443), Introduction to Slavic Languages (RUSS 444)**

***Spanish.* Choose two from Spanish Pronunciation and Phonetics (SPAN 315), Intensive Spanish Grammar Review (SPAN 320), Spanish Linguistics: [Topic] (SPAN 420)**

**C. Supervised Tutoring (LING 409), Internship, or Practicum (FR or SPAN 409) (3—4 credits)**

**Practicum experience in the American Language Institute, Department of East Asian Languages and Literatures, Department of Romance Languages, or 4J public schools; an overseas internship; or another bilingual program. Pass/no pass grading option recommended.**

**Except for Supervised Tutoring (LING 409) or Practicum (FR or SPAN 409), courses applied to the undergraduate Certificate in Second-Language Acquisition and Teaching—regardless of whether they are required or recommended—must be taken for letter grades. A grade of C— or better must be earned in each course.**

## **DROPPED AND RENAMED GRADUATE CERTIFICATES**

### **College of Education**

*(effective spring 1999)*

**In February 1999 the UO Graduate School dean, the UO provost, and the OUS vice chancellor for academic affairs approved the following deletions and changes in the names of graduate certificates offered by the College of Education.**

#### **Dropped certificates:**

**French, German, Japanese, Latin, Russian, or Spanish**

#### **Renamed certificates:**

**Change handicapped learner to early childhood—elementary special education**

**Change school administrator principal to initial administrator**

**Change school superintendent to continuing administrator-superintendent**

**Change severely handicapped learner to middle-secondary special education**

**Change speech impaired to communication disorders**

## **NEW GRADUATE DEGREE**

### **Software Engineering**

**The Graduate Council has approved a proposal for a new degree, a master of software engineering, or M.S.E. The Oregon Master of Software Engineering (OMSE) is a joint program of the Oregon Graduate Institute and three Oregon University System institutions: Oregon State University, Portland State University, and the University of Oregon.**

## **NEW GRADUATE MAJORS**

## Applied Physics

**On February 24, 1999, the Graduate Council approved a proposal for a new major in applied physics, leading to a master of science (M.S.) degree—pending final approval by the Oregon University System.**

## Software Engineering

*(effective spring 1999)*

**The Graduate Council has approved a proposal for a new major in software engineering, leading to a master of software engineering (M.S.E.) degree. The Oregon Master of Software Engineering (OMSE) is a joint program of the Oregon Graduate Institute and three Oregon University System institutions: Oregon State University, Portland State University, and the University of Oregon.**

## NEW SUBJECT CODES

### Anatomy and Human Physiology

**The Department of Exercise and Movement Science requests two new subject codes, ANAT, which stands for anatomy, and HPHY, which stands for human physiology.**

### Applied Information Management

**The Graduate School requests a new subject code, AIM, which stands for applied information management. The graduate major is still in interdisciplinary studies: applied information management.**

### Photography

**The Department of Fine and Applied Arts requests a new subject code, ARTO, which stands for art: photography, whose courses were formerly taught under the ARTV (art: visual arts) subject code.**

### Physical Education Aquatic SCUBA

**Physical Activity and Recreation Services requests a new subject code, PEAS, which stands for Physical Education Aquatic SCUBA.**

### Software Engineering

**The Graduate School requests a new subject code—OMSE, which stands for Oregon Master of Software Engineering—for courses in a new master’s degree program shared by the Oregon Graduate Institute and three campuses in the Oregon University System—Oregon State University, Portland State University, and the University of Oregon.**

## **COLLEGE OF EDUCATION REORGANIZATION**

**The College of Education has reorganized its departments and programs, effective summer session 1999.**

**The Department of Applied Behavioral and Communication Sciences oversees programs in communication disorders and sciences, counseling, counseling psychology, and special education: early intervention.**

**The Department of Educational Leadership, Technology, and Administration oversees the Educational Policy and Management Program.**

**The Department of Special Education and Community Resources oversees programs in school psychology, special education, special education: developmental disabilities, special education: exceptional learner, and special education: rehabilitation.**

**Three other programs are separate from the three academic departments. The Educational Studies Program crosses all three department boundaries. The other two are Community Internship Programs (CIP) and the Substance Abuse Prevention Program (SAPP).**

## **APPENDIX OF OTHER PROPOSALS RECEIVED**

**The following information is provided to inform academic and administrative departments about the status of proposals received but not approved by the UO Committee on Courses during fall 1998 or winter 1999.**

**The committee will continue to consider new proposals and those completed since publication of the Fall 1998 Final Report. The committee will submit a third quarterly report to the University Senate during spring term. However, only proposals that were approved in the Fall 1998 Final Report, dated January 18, 1999, will appear in the *1999—2000 University of Oregon Catalog*.**

## **PENDING**

### **Fine and Applied Arts**

#### **(Photography)**

**Proposals for new undergraduate and graduate majors in photography awaiting referral from the Undergraduate Council and the Graduate Council.**

**Physics**

**PHYS 481/581, 482/582, 677, 678: Proposals for new courses pending receipt of adequate documentation including syllabi.**

**PHYS 604: Proposal for new course to be considered spring 1999.**

**RO Home Page**

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*Questions for this page? Send them to the Registrar's Office.*

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