General Curriculum Report #249

UNIVERSITY OF IDAHO - REGISTRAR'S OFFICE
October 17, 2008

TO: MEMBERS OF THE UNIVERSITY OF IDAHO FACULTY

The items listed below, approved by the University Curriculum Committee, will be considered to have the necessary faculty approvals unless a petition requesting further consideration of specific items is signed by five faculty members and submitted to the chair of the Faculty Council within 14 calendar days after the date of circulation. If no petition is received within 14 days, the entire report will be submitted to the president for approval and transmittal to the regents, if regents' action is required. If a petition is received, the items in the report for which further consideration is requested will be referred to the Faculty Council and the remainder of the report will move forward. On items referred to it, the council may: (1) affirm the action and report it to a meeting of the university faculty, (2) amend the action and report it to a meeting of the university faculty, or (3) rescind the action. *Note:* If a petition concerns courses or curricula in the College of Letters Arts and Social Sciences or in the College of Agricultural and Life Sciences, and is signed by five faculty members of the respective college, those items will be returned to the college concerned for further consideration.

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Biological Sciences

1. Change the credits of the following courses [**Effective**: Summer 2009]

Biol 405 Practicum in Anatomy Laboratory Teaching (2-4 cr, max 8)
Organization, preparation, and teaching of anatomy laboratory objectives under faculty supervision. (Fall only)
Prereq: Permission
The Biol 120 students will benefit from having experienced teaching assistants as a result of this change.

Biol 408 Practicum in Human Physiology Laboratory Teaching (2-4 cr, max 8)
Organization, preparation, and teaching of human physiology laboratory objectives under faculty supervision. (Spring only)
Prereq: Biol 121 and Permission

2. Change the grade mode of the following course [**Effective**: Summer 2009]

Biol 521 Graduate Teaching Practicum (3 cr)
Organization, preparation, and teaching of lab experiments or demonstrations under faculty supervision. Graded pass/fail.
Prereq: Graduate standing and Permission

3. Change the prerequisites of the following course [**Effective**: Summer 2009]

Biol 493 Practicum in Physical Therapy (1 cr, max 4)
Minimum of two hrs a wk of practical experience in a PT clinic. Graded P/F.
Prereq: Biol 120, Biol 121, Jr standing, 3.0 GPA, ~~in pre-PT or related studies~~ and perm of UI allied health advisor.

4. Change the curricular requirements of **Biology** (B.A. or B.S.) [**Effective**: Summer 2009]

To graduate in this program, students must earn a minimum grade of C in Biol 115 and 116 and must have a minimum gpa of 2.40 in Biol 115, 116, 210, 212, and 213.

Required course work includes the university requirements (see regulation J-3), and the following major requirements (electives to be chosen in consultation with the departmental advisor).

Biol 115 Cells and the Evolution of Life (4 cr)
Biol 116 Organisms & Environments (4 cr)
Biol 210 Genetics (4 cr)
Biol 212 Molecular and Cellular Biology (4 cr)
Biol 213 Principles of Biological Structure and Function (4 cr)
Biol 314 Ecology and Population Biology (4 cr)
Biol 411 Senior Capstone (2 cr)
Biol 421 Advanced Evolutionary Biology (3 cr)

Chem 111 Principles of Chemistry I (4 cr)
Chem 112 Principles of Chemistry II (5 cr)
Chem 275/276 Carbon Compounds and Lab or Chem 277/278 Organic Chemistry and Lab (4 cr)
Math 160 Survey of Calculus or Math 170 Analytic Geometry and Calculus I (4 cr)
MMBB 380 Introductory Biochemistry or MMBB 300 Survey of Biochemistry (3-4 cr)
Phys 111-112 General Physics I-II (8 cr)
Stat 251 Statistical Methods (3 cr)

NOTE: Students considering graduate school in biology are strongly encouraged to take Math 170, Chem 277/278, and MMBB 380.

9 credits of approved electives from the following list are required (categories are intended only as a guide for student and advisor use). Additional classes may be substituted with prior approval of advisor and chairperson:

Natural History
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Civil Engineering

1. Change the description of the following course [**Effective**: Summer 2009]

CE 115 Introduction to Civil Engineering (2 cr)
Introduction to engineering design process and analysis techniques including problem solving skills, development of software use skills, graphical analysis, data analysis, and oral and written communication skills~~, and use of structured programming concepts in designing personal applications~~.
Prereq: Major in civil engineering

Chemistry

1. Drop the following courses [**Effective**: Summer 2009]

Chem 376 Organic Chemistry II: Lab for Chemistry Majors (2 cr)
Lab to accompany Chem 372, includes qualitative analysis and modern instrumental techniques. Two 3-hr labs a wk. (Spring only)
Prereq: Chem 278
Prereq or **Coreq:** Chem 372

2. Change the curricular requirements of **Chemistry** (B.S.) [**Effective**: Summer 2009]

Required course work includes the university requirements (see regulation J-3) and completion of one of the following options.

A. General Option

This degree provides the basic elements needed for a career in chemistry. It is especially suited for students who wish to enter other professions that require a background in science, including high school teaching, patent law, and technology management.

Chem 111 Principles of Chemistry I (4 cr)
Chem 112 Principles of Chemistry II (5 cr)
Chem 253 Quantitative Analysis (5 cr)
Chem 277, 278 Organic Chemistry I and Lab (4 cr)
Chem 305, 307 Physical Chemistry I and Lab (4 cr)
Chem 306, 308 Physical Chemistry II and Lab (4 cr)
Chem 372, ~~376~~ 374 Organic Chemistry II and Lab (~~5~~ 4 cr)
Chem 409 Proseminar (1 cr)
CS 101 Introduction to Computer Science or higher CS course (3 cr)
Math 170 Analytic Geometry and Calculus (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 275 Analytic Geometry and Calculus III (3 cr)
Phys 211 Engineering Physics I (4 cr)
Phys 212 Engineering Physics II or Phys 213 Engineering Physics III (4 cr)
Electives to total 128 credits for the degree

B. Professional Option

Note: Students who complete this option will be certifiable to the American Chemical Society.

This curriculum provides a suitable background for students wishing to enter the profession of chemistry or to pursue graduate study for an advanced degree in chemistry or a related field.

Chem 111 Principles of Chemistry I (4 cr)
Chem 112 Principles of Chemistry II (5 cr)
Chem 253 Quantitative Analysis (5 cr)
Chem 277, 278 Organic Chemistry I and Lab (4 cr)
Chem 305, 307 Physical Chemistry I and Lab (4 cr)
Chem 306, 308 Physical Chemistry II and Lab (4 cr)
Chem 372, ~~376~~ 374 Organic Chemistry II and Lab (~~5~~ 4 cr)
Chem 409 Proseminar (1 cr)
Chem 454 Instrumental Analysis (4 cr)
Chem 463-464, 465 Inorganic Chemistry and Lab (7 cr)
Chem 491 Research (~~1~~ 2 cr)
CS 101 Introduction to Computer Science or higher CS course (3 cr)
Math 170 Analytic Geometry and Calculus (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 275 Analytic Geometry and Calculus III (3 cr)
MMBB 380 Intro Biochemistry (4 cr)

Phys 211 Engineering Physics I (4 cr)
Phys 212 Engineering Physics II or Phys 213 Engineering Physics III (4 cr)
Foreign language courses (8 cr)
Two additional chemistry courses having Chem 306 as a prerequisite, or two advanced chemistry courses approved by the Chemistry Department in accordance with American Chemical Society stipulations.
Electives to total 128 credits for the degree

C. Pre-Medical Option

This curriculum provides a suitable foundation in chemistry for students who intend to enter careers in medicine, dentistry, pharmacy, etc.

Biol 115 Cells and the Evolution of Life (4 cr)
Chem 111 Principles of Chemistry I (4 cr)
Chem 112 Principles of Chemistry II (5 cr)
Chem 253 Quantitative Analysis (5 cr)
Chem 277, 278 Organic Chemistry I and Lab (4 cr)
Chem 372, 374 Organic Chemistry II and Lab (~~3~~ 4 cr)
~~Chem 374 Organic Chemistry II: Lab or Chem 376 Organic Chemistry II: Lab for Chemistry Majors (1-2 cr)~~
Chem 305, 307 Physical Chemistry I and Lab (4 cr)
Chem 306, 308 Physical Chemistry II and Lab (4 cr)
Chem 409 Proseminar (1 cr)
Chem 472 Rational Design of Pharmaceuticals (3 cr)
CS 101 Introduction to Computer Science or higher CS course (3 cr)
Math 170 Analytic Geometry and Calculus (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 275 Analytic Geometry and Calculus III (3 cr)
MMBB 380 Introductory Biochemistry (4 cr)
MMBB 382 Introductory Biochemistry Lab (2 cr)
Phys 211 Engineering Physics I (4 cr)
Phys 212 Engineering Physics II (4 cr)
In addition, two courses must be selected from the following list:
Chem 454 Instrumental Analysis (4 cr)
Chem 473 Intermediate Organic Chemistry (3 cr)
MMBB 476 Biophysical Chemistry (3 cr)
Electives to total 128 credits for the degree

D. Forensics Option

Biol 115 Cells and the Evolution of Life (4 cr)
Biol 210 Genetics (4 cr)
Chem 111 Principles of Chemistry I (4 cr)
Chem 112 Principles of Chemistry II (5 cr)
Chem 253 Quantitative Analysis (5 cr)
Chem 277, 278 Organic Chemistry I and Lab (4 cr)
Chem 305, 307 Physical Chemistry and Lab (4 cr)
Chem 306, 308 Physical Chemistry and Lab (4 cr)
Chem 372, 374 Organic Chemistry II and Lab (4 cr)
Chem 409 Proseminar (1 cr)
Chem 453 Separation Theory and Chromatography (3 cr)
Chem 454 Instrumental Analysis (4 cr)
CS 101 Introduction to Computer Science (3 cr)
Geol 299 Directed Study (3 cr)
JS 101 Introduction to the Justice System (3 cr)
Math 170 Analytic Geometry and Calculus I (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 275 Analytic Geometry and Calculus III (3 cr)
MMBB 250 General Microbiology (3 cr)
MMBB 255 General Microbiology Lab (2 cr)
MMBB 380 Introductory Biochemistry (4 cr)
MMBB 382 Introductory Biochemistry Laboratory (2 cr)
Phys 211 Engineering Physics I (4 cr)
Phys 212 Engineering Physics II (4 cr)
Stat 251 Statistical Methods (3 cr)
Electives to total 128 credits for the degree

Computer Science

1. Drop the following course [**Effective**: Summer 2009]

CS 480 Design--Individual Project (4 cr)
Formal development techniques applied to definition, design, coding, testing, and documentation of a computer programming project; each student completes an individual project. Two lec a wk; significant lab work reqd.
Prereq: Engl 317 and Senior standing in Computer Science

Recommended Substitution: CS 383-384 or CS 499 (If based on a software development project)

1. Add the following courses [**Effective**: Summer 2009]

CS 443 Embedded Systems (3 cr)
Interfacing to an embedded system processor. Development of the processor's hardware-software interface. Application software development. Use of C and assembly language in device driver design, monitor-debugger, and real-time kernel. Regular laboratory assignments. (Fall only)
Prereq: CS 383

CS 452 Real-Time Operating Systems (3 cr)
Topics of interest in the implementation of Real-Time Operating Systems, especially as applicable to embedded systems, including a relevant hardware review, interrupts and interrupt handling, real-time scheduling principles and implementation, latency, task management, shared data and synchronization, timers, message passing, tradeoffs between memory space and speed. Students will build a simple but relatively complete real-time operating system over the course of the semester. (Spring only)
Prereq: CS 240

2. Change the co-requisites and prerequisites of the following course [**Effective**: Summer 2009]

CS 121 Computer Science II (4 cr)
Abstract data types and data structures: linked lists, stacks, queues, trees, and graphs. Methods to implement and algorithms to manipulate these structures. Dynamic memory methods, sequential file processing, additional searching and sorting algorithms, recursion, and object-oriented programming. Three lec and one 2-hr lab a wk.
Prereq: CS 120~~, and Math 176~~
Coreq: Math 176

3. Change the curricular requirement of **Computer Science** (B.S.C.S.) [**Effective**: Summer 2009]

Required course work includes the university requirements (see regulation J-3) and:

General Education and Broadening Electives (9 cr):
- Comm 101 Fundamentals of Public Speaking (2 cr)
- Engl 317 Technical Writing (3 cr)
- Broadening Electives (4 cr)

Computer Science (43 cr):
- CS 105 Computer Science as a Profession (2 cr)
- CS 120 Computer Science I (4 cr)
- CS 121 Computer Science II (4 cr)
- CS 150 Computer Organization and Architecture (3 cr)
- CS 210 Computing Languages (3 cr)
- CS 240 Computer Operating Systems (3 cr)
- CS 270 System Software (3 cr)
- CS 383 Software Engineering I (3 cr)
- CS 384 Software Engineering II (3 cr)
- CS 385 Theory of Computation (3 cr)
- CS 395 Analysis of Algorithms (3 cr)
- CS 401 Contemporary Issues in Computer Science (1 cr)
- CS 445 Compiler and Translator Design (4 cr)
- CS 481 Senior Capstone Design (4 cr)

Mathematics and Statistics (17 cr):
- Math 170 Analytic Geometry and Calculus I (4 cr)
- Math 175 Analytic Geometry and Calculus II (4 cr)
- Math 176 Discrete Mathematics (3 cr)
- Math 330 Linear Algebra (3 cr)
- Stat 301 Probability and Statistics (3 cr)

One of the following laboratory science sequences (8-9 cr):
- Biol 115 Cells and the Evolution of Life and Biol 116 Organisms and Environments (8 cr)
- Chem 111 Principles of Chemistry I and Chem 112 Principles of Chemistry II (9 cr)
- Phys 211 Engineering Physics I and Phys 212 Engineering Physics II (8 cr)
- Phys 211 Engineering Physics I and Phys 213 Engineering Physics III (8 cr)

Science electives (4 cr)

Upper-division technical electives selected to satisfy the credit distribution in these categories (15 cr):
- Computer Science (12 cr) – any upper-division CS course except 499.
- Mathematics (3 cr) – Math 275 or any upper-division Math or Stat course except Math 400, 404, 499, and 513-519.

The minimum number of credits for the degree is 128, not counting Engl 101, Math 143, and other courses that might be required to remove deficiencies.

Students majoring in computer science must earn a grade of C or better~~, with a 2.50 GPA or higher,~~ in CS 120, 121, and 150 and a C or better in Math 176 before registration is permitted in 200 level CS courses. Students majoring in computer science must earn a grade of C or better in CS 210, 240, 270, and Math 170 and 175 before registration is permitted in upper-division CS courses.

Students must consult with their advisors when selecting electives within the curriculum to insure that their career objectives are met.

Conservation Social Sciences

1. Add the following courses [**Effective**: Summer 2009]

CSS 364 Politics of the Environment (3 cr)
See PolS 364.

CSS 462 Natural Resource Policy (3 cr)
Same as PolS 462. Political and institutional context for making natural resource policy; emphasis on interaction between private and public sectors and the federal, state, and tribal governments, including an examination of topical issues in natural resource politics.

2. Change the description of the following courses [**Effective**: Summer 2009]

CSS 561 Ecological Inquiry for Environmental Educators (2 cr)
Address basic ecological concepts and natural resource management issues in the ~~Greater Yellowstone Ecosystem (GYE)~~local ecosystem. Emphasis will be placed on developing critical thinking skills and exploring the effects of resource management policy and actions. Course direction will involve moving from a "known facts" way of thinking into the realm of questioning and evaluating the effects of human management of the ~~GYE~~system. Offered at the McCall Field Campus. (Spring only)

CSS 567 Environmental Education Teaching Practicum I (2 cr)
The teaching practicum is an opportunity to improve teaching methods and techniques and expand professional skills under the guidance of ~~Teton Science School staff~~mentors at a residential environmental learning center. Teaching ~~at the Teton Science School~~in a residential environmental learning center consists of classroom lectures and demonstrations with groups up to 30, as well as field teaching groups of 8 to 10. (Fall only)

CSS 568 Environmental Education Teaching Practicum II (1-2 cr)
The teaching practicum is an opportunity to improve teaching methods and techniques and expand professional skills under the guidance of mentors at a residential environmental learning center~~Teton Science School staff~~. Teaching in a residential environmental learning center~~at the Teton Science School~~ consists of classroom lectures and demonstrations with groups up to 30, as well as field teaching groups of 8 to 10. (Spring only)

Electrical and Computer Engineering

1. Drop the following course [**Effective**: Summer 2009]

ECE ID&WS433 Numerical Solutions to Electromagnetic Problems (3 cr) WSU E E 417

2. Add the following course [**Effective**: Summer 2009]

ECE WS428 Protection of Power Systems I (3 cr) WSU E E 493
Prereq: ECE 420

ECE WS429 Protective Relay Labs (2 cr) WSU E E 494
Prereq: ECE 420

ECE J465/J565 Introduction to Microelectronics Fabrication (3 cr)
This course serves as an introduction to the fabrication of microelectronic devices. Topics include the basics of IC structures, clean room protocol, photolithography, film growth and deposition, as well as IC interconnect technologies. Additional projects/assignments required for graduate credit.
Prereq: ECE 310

ECE 531 Advanced Electromagnetic Theory II (3 cr)
Boundary value problems in non-Cartesian systems, diffraction, perturbation techniques, variational techniques, wave transformations.
Prereq: ECE 530 or Permission

3. Reactivate and change the description and prerequisites of the following course [**Effective**: Summer 2009]

ECE 421 Introduction to Power Systems (3 cr)
One line diagrams, regulating transformers, calculation of transmission line parameters, line models, Ybus, power flow, power flow studies using commercial software, contingency studies, and power system control. (Fall only)~~Power and energy relationships in power systems, multiphase generators, lines and transformers; power system representation, network solution, and intro to symmetrical components.~~
Prereq: ECE ~~320~~420

4. Change the cooperative status of the following courses [**Effective**: Summer 2009]

ECE ID&WS526 Protection of Power Systems II (3 cr) WSU E E 511
Protection of electrical equipment as related to electric power systems with emphasis on digital algorithms.
Prereq: ECE 525 or Permission

ECE ID&WS576 Digital Signal Processing (3 cr) WSU E E 530
Characteristics of discrete time signals; design of digital filters with applications; advanced digital signal processing algorithms; discrete time spectral analysis; introduction to 2D processing.
Prereq: ECE 476 or Permission

5. Change the description of the following course [**Effective**: Summer 2009]

ECE 420 Energy Systems II (3 cr)
Three-phases, three-phase transformers, winding theory, rotating waves, steady state operation of three-phase synchronous and steady state operation of single and three-phase induction machines, and AC drives. Labs: three-phase measurements, three-phase transformers, synchronous machines, induction machines.~~Three-phase systems, three-phase transformers, regulating transformers, winding theory, rotating waves, synchronous machines, short and medium line models, Ybus, power flow.~~
Prereq: ECE 320 and ECE 321

6. Change the description, number, and prerequisities of the following course [**Effective**: Summer 2009]

ECE ~~423~~ 422 Power Systems Analysis (3 cr) (ECE 423)
Balanced and unbalanced faults, Zbus methods, transient generator models, stability analysis, fault analysis using commercial software, and introduction to power system protection. (Spring only)~~Calculation of transmission line parameters, high frequency transmission line models, balanced and unbalanced faults, Zbus methods, transient generator models, stability analysis, and economic operation of power systems.~~
Prereq: ECE ~~420~~421

7. Change the title of the following course [**Effective**: Summer 2009]

ECE ID&WS530 Advanced Electromagnetic Theory I (3 cr) WSU E E 518
Maxwell's equations, potential theory, wave propagation and scattering, canonical problems, guided wave theory, antenna concepts, boundary value problems.
Prereq: ECE 432 or Permission

8. Change the cooperative status and title of the following course [**Effective**: Summer 2009]

ECE ID&WS571 Estimation Theory for Signal Processing, Communications, and Control ~~System Identification~~ (3 cr) WSU E E 508
Identification of dynamic system models from test data; methods to be considered include least-squares, prediction error, maximum likelihood, instrumental variables, correlation, and extended Kalman filter; practical applications and computer-based exercises emphasized within a mathematically rigorous framework.
Prereq: ECE 570 or Permission

9. Change the co-requisites and prerequisites of the following course [**Effective**: Summer 2009]

ECE J462/J562 Semiconductor Theory (3 cr)
Fundamental theory and behavior of modern semiconductor devices. Additional projects/assignments reqd for grad cr.
Prereq for ECE 462**:** ECE ~~350~~ ~~460~~~~or Permission~~
Prereq for ECE 562**:** Permission

10. Change the curricular requirement of **Computer Engineering** (B.S.C.S.) [**Effective**: Summer 2009]

Required course work includes the university requirements (see regulation J-3) and:

AmSt 301 Studies in American Culture or Phil 103 Ethics (3 cr)
Comm 101 Fundamentals of Public Speaking (2 cr)
CS 120 Computer Science I (4 cr)
CS 121 Computer Science II (4 cr)
CS 150 Computer Organization and Architecture (3 cr)
CS 210 Computing Languages (3 cr)
CS 240 Computer Operating Systems (3 cr)
CS 270 System Software (3 cr)
ECE 101 Foundations of Electrical and Computer Engineering (2 cr)
ECE 210 Electrical Circuits I (3 cr)
ECE 211 Electrical Circuits I Lab (1 cr)
ECE 212 Electrical Circuits II (3 cr)
ECE 213 Electrical Circuits II Lab (1 cr)
ECE 240 Digital Logic (3 cr)
ECE 241 Logic Circuit Lab (1 cr)
ECE 292 Sophomore Seminar (0 cr)
ECE 310 Fundamentals of Electronics (3 cr)

ECE 311 Fundamentals of Electronics Lab (1 cr)
ECE 340 Microcontrollers (3 cr)
ECE 341 Microcontrollers Lab (1 cr)
ECE 350 Signals and Systems Analysis (3 cr)
ECE 351 Signals and System Lab (1 cr)
ECE 440 Digital Systems Engineering (3 cr)
ECE 482 CompE Senior Design I (3 cr)
ECE 483 CompE Senior Design II (3 cr)
ECE 491 Senior Seminar (0 cr)
Econ 201 Principles of Economics, Econ 202 Principles of Economics, or Econ 272 Foundations of Economics (3-4 cr)
Engl 317 Technical Writing (3 cr)
Math 170 Analytic Geometry and Calculus I (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 176 Discrete Mathematics (3 cr)
Math 310 Ordinary Differential Equations (3 cr)
Math 330 Linear Algebra (3 cr)
Phys 211 Engineering Physics I (4 cr)
Phys 212 Engineering Physics II (4 cr)
Stat 301 Probability and Statistics (3 cr)
Science elective selected from Chem 111, Geol 111, MMBB 154/155, or Phys 213 (4 cr)
Technical electives selected from upper-division computer engineering, electrical engineering, and computer science courses (15 cr)

The minimum number of credits for the degree is 128, not counting Engl 101, Math 143, and other courses that might be required to remove deficiencies.

Students majoring in computer engineering must earn a grade of C or better in each of the following courses for graduation, and before registration is permitted in upper-division engineering courses: ECE 210, 212, 240, 241, Math 170, 175, 310, Phys 211, and 212. Before registration is permitted in 200-level CS courses students majoring in computer engineering must earn a grade of C or better in CS 120, 121 and 150 and Math 176, and the grades earned in CS 120, 121 and 150 must average 2.50 or higher.~~Students majoring in computer engineering must earn a grade of B or better in CS 120, 121, 150, and a C or better in Math 176 for graduation and before registration is permitted in 200-level CS courses.~~ Students majoring in computer engineering must earn a grade of C or better in CS 210, 240, 270, and Math 170, 175, 176 for graduation and before registration is permitted in upper-division CS courses.

Any student majoring in computer engineering may accumulate no more than a total of 14 credits of D's and F's in mathematics, science, or engineering courses that are used to satisfy graduation requirements. Included in this number are multiple repeats of a single course or single repeats in multiple courses and courses transferred from other institutions.

Fish and Wildlife Resources

1. Change the curricular requirement of **Fishery Resources** (Minor) [**Effective**: Summer 2009]

Fish 314 Fish Ecology (3 cr)
Fish 315 Fish Ecology Lab (1 cr)
Fish 495 Seminar (1 cr)
For 221 Ecology or Biol 314 Ecology and Population Biology (3-4 cr)
Four of the following courses (12-15 cr):
- Biol 481 Ichthyology (4 cr)
- Fish 415 Limnology (4 cr)
- Fish 418 Fisheries Management (4 cr)
- Fish 422 Concepts in Aquaculture (3 cr)
- Fish 424 Fish Health Management (4 cr)
- Fish 430 Riparian Ecology and Management (3 cr)
- Fish 435 Wetland Ecology and Management (3 cr)

To complete this minor, students must earn a minimum of 20 credits

2. Change the curricular requirement of **Wildlife Resources** (Minor) [**Effective**: Summer 2009]

For 221 Ecology or Biol 314 Ecology and Population Biology (3-4 cr)
WLF 314, 315 Wildlife Ecology I and Lab (4 cr)
WLF 316 Wildlife Ecology II (4 cr)
WLF 495 Wildlife Seminar (1 cr)
Three of the following courses (8-11 cr):
- Biol 483 Mammalogy (3 cr)
- WLF 440 Conservation Biology (3 cr)
- WLF 448 Fish and Wildlife Population Ecology (4 cr)
- WLF 482 Ornithology (4 cr)
- WLF 492 Wildlife Management (4 cr)

To complete this minor, students must earn a minimum of 20 credits

Foreign Lanaguages and Literatures

1. Add the following courses [**Effective**: Summer 2009]

Japn WS120 Traditional Japanese Culture (3 cr) WSU JAPN 120
Provides an introduction to traditional Japanese society and culture from ancient times through the 19th century. Taught in English.

Japn 303 Japanese Speaking (3 cr)
Emphasis on the development of speaking skills at the advanced intermediate level; focus on utilizing honorific, modest, and respect expressions. For students who have completed four semesters of elementary and intermediate Japanese or have an equivalent background. Recommended preapration: Japn 202 or equivalent.

2. Change the curricular requirements of **Foreign Language** (B.A.) [Effective: Summer 2009]

Required course work includes the university requirements (see regulation J-3), the general requirements for the B.A. degree, and:

In addition to the course work specified for each option, an international experience is required of students pursuing the French, German, or Spanish options. This requirement will normally be fulfilled by completing a program of studies abroad which takes place after the student has finished language study through the intermediate (200) level. The specific program must receive prior approval from the student's FLL advisor and must be one that lasts a minimum of 12-15 weeks. The classes taken must earn a minimum of 12 upper-division (300/400 level) academic credits, be in subjects pertinent to the student's language option, and offered in that language. Such credits may be obtained by two consecutive summer programs.

It is strongly suggested (but not required) that students pursuing the Classics option or pursuing a minor in a foreign language offered in the department of Foreign Languages and Literatures (see below) also complete some of their credits through an international experience.

8-9 FLEN credits, of which a minimum of 5-6 FLEN credits is outside of one's language option (8-9 cr)

A. Business Option

Designed to provide the student majoring in foreign languages with a liberal arts background and a component of business courses that will form a good beginning for entering a program leading to the degree of Master of Business Administration.

One foreign language, elementary and intermediate (16 cr)
Approved upper-division foreign language courses (including one FL business course or approved alternative) (21 cr)
Acct 205 Fundamentals of Accounting or Acct 201-202 Intro to Financial Accounting & Intro to Managerial Accounting (4-6 cr)
BLaw 265 Legal Environment of Business (3 cr)
Either the College of Business and Economics Integrated Core (Bus 340-345*) or the following (15 or 18 cr):
- Bus 301 Financial Management (3cr)
- Bus 311 Introduction to Management (3cr)
- Bus 321 Marketing (3cr)
- Bus 350 Management Information Systems or Bus 351 Introduction to Electronic Commerce (3cr)
- Bus 482 International Marketing or Econ 446 International Economics or Econ 447 Economics of Developing Countries (3 cr)

Econ 272 Foundations of Econ Analysis or 201,202 Prin of Economics (4-6 cr)
FLEN 307 The European Union (3 cr)
Stat 251 Statistical Methods or 271 Statistical Inference & Decision Analysis* (3-4 cr)

*Students completing Bus 340-345 must take Stat 271 and, therefore, either Math 160 or 170

B. Classical Studies Option

FLEN 210 Introduction to Classical Mythology (3 cr)
FLEN 243 English Word Origins (2 cr)
FLEN 363-364 Literature of Ancient Greece & Rome (6 cr)
FLEN 441 Ancient Greek Civilization (3 cr)
FLEN 442 Civilization of Ancient Rome (3 cr)
Grek 341-342 Elementary Greek (or equivalent) (8 cr)
Latn 101-102 Elem Latin I-II (or equiv) (8 cr)
Additional Latin and/or Greek courses numbered above Latn 202 and Grek 342 (18 cr)
Related fields or minor as approved by major adviser

C. Computer Science Option

Designed to provide a student majoring in foreign languages with a liberal arts background and a component of computer science courses to prepare for admission to the M.S. program in computer science. This type of curriculum, involving competence in a foreign language as well as mathematical maturity, skill in the use of at least one programming language, and a basic knowledge of computer hardware, should also prove to be a fine background for developing interesting careers and/or graduate study in various fields, i.e. library science, international business, communications media, instructional media, and education.

CS 112 Introduction to Problem Solving & Programming (3 cr)
CS 121 Computer Science II (3 cr)
FLEN 243 English Word Origins (2 cr)
Math 170 Analytic Geometry and Calculus I (4 cr)
Math 175 Analytic Geometry and Calculus II (4 cr)
Math 176 Discrete Mathematics (3 cr)

Math 330 Linear Algebra (3 cr)
Stat 301 Probability & Statistics (3 cr)
Upper-division Computer Science course (3 cr)
One foreign language, elementary and intermediate (16 cr)
Approved upper-division foreign language courses in French, German, or Spanish (21 cr) or upper-division Latin and/or Greek courses (20 cr) (20-21 cr)

D. French Option

Fren 101-102 Elementary French I-II or equivalent (8 cr)
Fren 201-202 Intermediate French I-II or equivalent (8 cr)
Fren 407 Topics in French Literature or Fren 408 Topics in French Culture and Institutions (3 cr)
300-level French courses (20 cr)
FLEN 313 Modern French Literature in Translation or FLEN 315 French Cinema (minimum) (3 cr)
Additional electives in upper division French or related fields approved by the chair (9 cr)
A second foreign language (elem & interm or equivalent), waived for students with a double major (FL plus another major) or a 30-credit pre-professional emphasis approved by the department chair (16-30 cr)

E. German Option

FLEN 323 or 324 German Literature in Translation (3 cr)
Germ 101-102 Elementary German I&II (or equivalent) (8 cr)
Germ 201-202 Intermediate German I&II (or equivalent) (8 cr)
Upper-division German courses (including at least one 400-level course and both Germ 30l and Germ 302) (21 cr)
Additional electives in upper-division German or related fields approved by the department chair (12 cr)
A second foreign language (elem & interm or equivalent), waived for students with a double major (FL plus another major) or a 30-credit pre-professional emphasis approved by the department chair (16-30 cr)
~~Related fields or minor as approved by major adviser (12 cr)~~

F. Latin Option

FLEN 243 English Word Origins (2 cr)
FLEN 364 Literature of Rome (3 cr)
FLEN 442 Civilization of Ancient Rome (3 cr)
Latn 101-102 Elementary Latin I-II (or equivalent) (8 cr)
Upper-division courses in Latin (20 cr)
Related fields (as approved by major adviser) (12 cr)
A second foreign language (elem & interm or equivalent), waived for students with a double major (FL plus another major) or a 30-credit pre-professional emphasis approved by the department chair (16-30 cr)

G. Spanish Option

Span 101-102 Elementary Spanish I-II (or equivalent) (8 cr)
Span 201-202 Intermediate Spanish I-II (or equivalent) (8 cr)
Span 301 Advanced Grammar (3 cr)
Span 302 Advanced Composition (3 cr)
Span 305 Culture & Institutions of Spain (3 cr)
Span 306 Culture & Institutions of Latin America (3 cr)
Upper-division courses in Spanish language (9 credits must be 400 level) (12 cr)
Additional electives in upper-division Spanish or related fields approved by the department chair (6 cr)
~~Related fields (as approved by major adviser) (6 cr)~~
A second foreign language (elem & interm or equivalent), waived for students with a double major (FL plus another major) or a 30-credit pre-professional emphasis approved by the department chair (16-30 cr)
~~A maximum of 3 credits in approved FLEN courses may be counted toward a major in Spanish~~

Forest Products

1. Change the cooperative status of the following course [**Effective**: Summer 2009]

ForP ~~ID~~432 Designing Forest Access (3 cr)~~ WSU NATRS 432~~
Classification of forest roads and trails; forest road and trail design; design for drainage that meets standards; construction techniques; costing, environmental considerations, design project. Three days of field trips. Recommended Preparation: ForP 430. (Spring, Alt/yrs)
Prereq or **Coreq:** ForP 430 or Permission

2. Change the curricular requirement of **Forest Products** (Minor) [**Effective**: Summer 2009]

For students in business, engineering, forestry, or vocational education who wish to gain specific background and knowledge related to the forest products industry.

~~ForP 230 Field Measurement for Forest Operations (2 cr)~~
ForP 277 Wood Anatomy and Identification (3 cr)
ForP 430 Forest Engineering and Harvesting (3 cr)
ForP 444 Primary Wood Products Manufacturing (3 cr)

Electives in forest products (~~10~~ 11 cr)

Forest Resources

1. Change the description and prerequisites of the following courses [**Effective**: Summer 2009]

For 474 Forest Inventory (3 cr)
Principles and practice of natural resources ~~dynamics~~inventory, ~~and~~ forest growth, LIDAR, inventory sampling method, and ~~yield simulation, applied mathematical programming techniques,~~ quantitative decision support. Two days of field trips. Two lectures/labs ~~and 2 hrs of lab~~ a week. Recommended Preparation: For 324 and 424.
Prereq: For 274 and Stat 251 ~~and Permission~~

For 484 Forest Policy and Administration (2 cr)
Evaluation of land and forest problems and policies in the U.S.; analysis of current conditions and policies; historical development of governmental and private agencies concerned with the administration of forest conservation program. Recommended Preparation: FOR 235 and 383.
Prereq: Junior standing

2. Change the co-requisites, description and prerequisites of the following course [**Effective**: Summer 2009]

For 274 Forest Measurement and Inventory (3 cr)
Practical techniques for the design and execution of the measurement and inventory of forest resources. One ~~three~~ two hour lab, one half-hour tutorial, and ~~three~~ two one-hour lectures per week. (Fall only)
~~**Prereq:** Stat 251 or Permission~~
Coreq: Stat 251

3. Change the curricular requirement of **Arboriculture & Urban Forestry** (Minor) [**Effective**: Summer 2009]

CSS 387 Environmental Communication Skills or CSS 494 Natural Resources Communications (3 cr)
For 408 Urban Forestry (2 cr)
LArc 288 Plant Materials or For 320 Dendrology (3 cr)
PlSc 464 Landscape Maintenance (3 cr)
PlSc 470 Arboriculture (3 cr)
~~A plant physiology course (3 cr)~~
In addition students must select ~~one of the following courses~~ a minimum of 6 credits from the following:
- ~~PlSc 201 Principles of Horticulture (3 cr)~~
- ~~For 466 Diseases and Insects of Woody Plants (3 cr)~~
- For 468 Forest and Plant Pathology (2 cr)
- For 469 Introduction to Forest Insects (2 cr)
- PlSc 201 Principles of Horticulture (3 cr)
- PlSc 401 Plant Growth and Development or other plant physiology course (3 cr)
- Soil 205 The Soil Ecosystem (3 cr)
- Soil 206 The Soil Ecosystem Lab (1 cr)
- Soil 438 Pesticides in the Environment (3 cr)

To complete this minor, students must earn a minimum of 20 credits

4. Change the curricular requirement of **Forest Resources** (Minor) [**Effective**: Summer 2009]

For 221 Ecology (3 cr)
For 235 Society and Natural Resources (3 cr)
For 274 Forest Measurement and Inventory (3 cr)
For 320 Dendrology (3 cr)
For 484 Forest Policy and Administration (2 cr)
One or more of the following courses:
- For 375 Introduction to Spatial Analysis for Natural Resource Management (3 cr)
- For 383 Economics for Natural Resource Managers (3 cr)
- For 474 Forest Inventory (3 cr)

One or more of the following courses:
- For 324 Forest Regeneration (2 cr)
- For 330 Forest Ecosystem Processes (2 cr)
- For 424 Forest Dynamics and Management (2 cr)
- ~~For 426 Wildland Fire Ecology and Management (3 cr)~~
- For 462 Watershed Science and Management (3 cr)
- ForP 430 Forest Engineering and Harvesting (3 cr)
- REM 244 Wildland Fire Management (2 cr)
- WLF 314 Wildlife Ecology I (3 cr)

To complete this minor, students must complete a minimum of ~~19~~ 20 credits from the list above

Geography

1. Change the grade mode of the following courses [**Effective**: Summer 2009]

Geog 497 (s) Practicum (1-3 cr, max 3)
Practical on-the-job experience I n applied geography and cartography; oral and written reports are presented in which the student reviews and constructively criticizes the experience gained. Graded pass/fail.
Prereq: Permission

Geog 498 (s) Internship (cr arr)
Graded pass/fail.

Geog 597 (s) Practicum (cr arr)
Graded pass/fail.

Geog 598 (s) Internship (cr arr)
Practical, on-the-job experience with governmental agencies or commercial establishments; oral and written reports are presented in which the student reviews and constructively criticizes the experience gained; salary may be received for services performed. Graded pass/fail.
Prereq: Permission

Geological Sciences

1. Drop the following course [**Effective**: Summer 2009]

Geol ID&WS401 Field Geology and Report Writing (6 cr) WSU Geol 308
Field problems and methods; use of instruments; interpretation of field data; preparation of reports based on field observations and interpretations. Three field trips. Accident and health insurance reqd.
Prereq: Geol 345; Geol 324 and 326

2. Add the following courses [**Effective**: Summer 2009]

Geol WS285 Introduction to Astrobiology (3 cr) WSU Geol 285

Geol WS586 Methods in Radiogenic Isotope Geochemistry (3 cr) WSU Geol 588

3. Change the cooperative status and prerequisites of the following course [**Effective**: Summer 2009]

Geol ~~ID&WS-~~J448/ID&WS-J548 Tectonics (3 cr) WSU Geol 540
Fundamentals of global plate tectonics, evolution of ocean basins, and the development of continental orogenic belts; focus on theoretical aspects of global tectonics, the salient physical constraints leading to the paradigm, and practical application of the model to regional geological problems. Graduate credit requires additional work including independent research, presentation of the research results in a class presentation, writing a research paper, and answering an additional question in examinations. Two lec and 2 hrs of lab a wk; one or two 1- to 2-day field trips.
Prereq: Geol 345 or Permission

Journalism and Mass Media

1. Change the prerequisites of the following courses [**Effective**: Summer 2009]

JAMM 252 Principles of Public Relations (3 cr)
Overview of public relations: principles, strategies and practices. Multiple writing assignments address basic requirements of public relations professionals.
Prereq: JAMM 100 and 121

JAMM 265 Principles of Advertising (3 cr)
Overview of the role of advertising in American society. Explores the socioeconomic growth and impact of advertising on U.S. consumer culture. Writing assignments include critiques of advertisements and analyses of their intended effects.
Prereq: JAMM 100 and 121

JAMM 270 Principles of Radio and Television (3 cr)
Basic writing principles in audio, video, and online formats. Introduction to commercials; news and sports; talk shows; music, variety, and comedy programs; educational, corporate, and children's programs; emphasis on narrative and non-narrative storytelling, criticism and revision.
Prereq: JAMM 100 and 121

2. Change the co-requisites, prerequisites and title of the following course [**Effective**: Summer 2009]

JAMM 275 Introduction to ~~Video/Television &~~ Digital Media Production (3 cr)

Introduction to the art and craft of various broadcast media-related production environments. Emphasizes aesthetics of audio and video production: writing, producing, directing, sound recording, lighting, camera work, editing and mixing. Work with both analog and digital equipment for field and studio assignments. Includes hands-on laboratory experience.
~~**Prereq:** JAMM 270~~
Coreq: JAMM 270 or Permission

Law

1. Add the following courses [**Effective**: Summer 2009]

Law 918 Cyberlaw (3 cr)
Introduction to the legal and policy challenges presented by the revolution in creative and commercial activity generated by the advent of the Internet. Topics will include jurisdictional issues arising from the transnational and fundamentally placeless character of digital commerce and communication; questions concerning rights to free speech and privacy on the Internet; and debates concerning the status of intellectual property online and the online distribution of creative content. The course will consider efforts by Congress to regulate – and by private parties to control – various types of online activities, including, among others, "cybersquatting," peer-to-peer file-sharing, the distribution of "spam" and pornography, and online speech. Enrollment is limited to 20 students.

Law 934 Land-Use Law and Planning (3 cr)
This course addresses the regulation of private lands by state and local governments; will investigate social and cultural agreements about land as influenced by and institutionalized in Constitutional protections, state statutory regimes and local programs; and will develop a working knowledge of the general legal principles, and policy and planning issues relevant to private land management. Enrollment limited to 25 students.

Law 966 Legal Drafting (2 cr)
This course will familiarize students with transactional and litigation documents, writing for different audiences, and the effective and appropriate use of forms. Students will focus on strategic use of language, avoiding ambiguity, and writing with clarity. General topics covered will include client letters, contracts, and a complaint and answer.

Law 967 Advanced Legal Writing (2 cr)
This course will focus on advanced writing concepts, including advanced study of standards of review, development of policy arguments and legislative intent analysis, writing jury instructions, drafting statutes, and drafting judicial opinions; additionally, there will be a heavy emphasis on style. As such, it is assumed that students have mastered the skills learned in Legal Research & Writing. This course does not satisfy the upper division writing requirement. Enrollment is limited to 20 students
Prereq: Law 815 with a minimum grade of 'C' or Permission of instructor

Law 968 Domestic Violence and the Law (2-3 cr)
This seminar will cover the legal system's response to the problem of domestic violence and to a lesser extent, stalking and sexual assault. Students will explore both civil and criminal avenues of redress. Existing shortcomings of those responses, and proposed reforms, will be examined. The course will address how domestic violence is treated in a variety of legal contexts, including in relation to child abuse, custody, visitation, mediation, parent education at divorce, relocation, child abduction, and torts. Students will partner with members of the Domestic Violence and Sexual Assault Clinic to assist clinic students on actual domestic violence and sexual assault cases. Students are expected to complete sixty hours of clinical service, a paper and a class presentation. Students enrolled in the Domestic Violence and Sexual Assault clinic may take the Domestic Violence & the Law seminar for 2 credit hours and will not be required to complete additional hours of clinical service.

Law 981 Critical Legal Studies Journal (1-4 cr, max 4)
Participation in the student edited *Crit Law Journal.* Credit awarded upon approval of the editor-in-chief and faculty advisor. Graded pass-fail; credits earned are not classroom credit hours.
Prereq: Acceptance to the Crit Journal

2. Change the credits of the following courses [**Effective**: Summer 2009]

Law 964 Children and the Law (~~2~~ 3 cr)
Children and the Law examines the legal status of children, including topics such as the parent-child relationship, guardianship, representation of children, neglect, and adoption.

Law 978 Small Business Legal Clinic (~~2~~ 3~~-6~~ cr, max 6)
Real-life experience handling transactional legal problems and assisting businesses and not-for-profits.
Prereq: Law 919

3. Change the credits and title of the following course [**Effective**: Summer 2009]

Law 917 Negotiation and ~~Alternative~~ Appropriate Dispute Resolution (~~2~~ 3 cr)
Simulation and seminar style instruction in negotiation techniques, mediation and arbitration, focusing on skill development and legal and ethical issues frequently faced by lawyers. Enrollment may be limited. (Offered irregularly)

Material Science and Engineering

1. Add the following courses [**Effective**: Summer 2009]

MSE J441/J541 Fundamentals of Nuclear Materials (3 cr)
See NE J441/J541.

Natural Resources

1. Change the curricular requirement of **Natural Resources** (Minor) [**Effective**: Summer 2009]

Note: Not open to students pursuing a major in the College of Natural Resources.

For 235 Society and Natural Resources (3 cr)
For 221 Ecology or REM 221 Ecology(3 cr)
Courses chosen from at least three of the following subjects, including at least 3 credits at the 300 level or above (12 cr):
- Conservation Social Sciences (CSS)
- Fishery Resources (Fish)
- Forest Products (ForP)
- Forest Resources (For)
- Natural Resources (NR)
- Rangland Ecology and Management (REM)
- Wildlife Resources (WLF)

Minimum of ~~19~~ 20 credits are required to complete this minor

Naval Science

1. Drop the following course [**Effective**: Summer 2009]

NS ID100 Drill/Lab (0 cr) WSU N S 100
Required of all Navy-Marine Corps OEP students. Two 1-hr labs a wk.

2. Change the description and title of the following course [**Effective**: Summer 2009]

NS ID402 Naval Leadership and Ethics (2 cr) WSU N S 402
An intellectual exploration of Western moral traditions and ethical philosophy within a military context. Topics will include military leadership, core values, professional ethics, and the conduct of warfare.~~Ethical leadership and naval administration, emphasizing the U.C.M.J., human resource management, material management, and supply systems.~~ Recommended preparation: NS 401. (Spring only).

3. Change the curricular requirements of **Naval Science** (Minor) [Effective: Summer 2009]

~~NS 101 Introduction to Naval Science (2 cr)~~
NS 102, 201 Ships Systems I, II (6 cr)
NS 202 Seapower and Maritime Affairs (2 cr)
A minimum of 12 credits chosen from the two lists below. Students must complete a minimum of four upper-division courses and at least 2 courses from each list (12 cr)

Two to three ~~Four to six~~ courses from the following ~~(10 cr)~~:
- NS 301 Navigation (3 cr)
- NS 302 Naval Operations (3 cr)
- NS 311 Evolution of Warfare (3 cr)
- NS 401 Naval Organization and Management (2 cr)
- NS 402 Naval Leadership and Ethics (2 cr)
- NS 412 Amphibious Operations (3 cr)

Two to three courses from the following:
- Hist 430 U.S. Diplomatic History (3 cr)
- Hist 455 20th Century Europe (3 cr)
- Hist 457 History of the Middle East (3 cr)
- Hist 458 Military History (3 cr)
- Hist 459 World Wars, 1900-1950 (3 cr)
- PolS 205 Introduction to Comparative Politics (3 cr)
- PolS 237 International Politics (3 cr)
- PolS 338 American Foreign Policy (3 cr)
- PolS 383 Middle Eastern Politics (3 cr)
- PolS 440 International Organizations and International Law (3 cr)
- PolS 449 World Politics and War (3 cr)
- PolS 480 Politics of Development (3 cr)
- PolS 487 Political Violence and Revolution (3 cr)
- Soc 301 Introduction to Diversity and Stratification (3 cr)

Minimum of 20 credits are required to complete this minor

Nuclear Engineering

1. Add the following courses [**Effective**: Summer 2009]

NE J441/J541 Fundamentals of Nuclear Materials (3 cr)
Same as MSE J441/J541. A course designed for students who wish to learn about nuclear materials and fuels from a materials science viewpoint. Topics to be covered include crystal structure, diffusion, radiation damage processes etc. Students enrolled in the 500-level course are required to do term-projects and advanced problems.
Prereq: MSE 201 or Permission of instructor

Political Science

1. Change the descriptions of the following courses [**Effective**: Summer 2009]

PolS 364 Politics of the Environment (3 cr)
Same as CSS 364. Political factors that influence formation, implementation, and impact of public policies aimed at protecting the environment.

PolS 462 Natural Resource Policy (3 cr)
~~Carries no credit after PolS 562. Political and institutional context for making natural resource policy; emphasis on interaction between private and public sectors and the federal, state, and tribal governments, including an examination of topical issues in natural resource politics.~~ See CSS 462.

Psychology and Communication Studies

1. Drop the following courses [**Effective**: Summer 2009]

Psyc 411 Clinical Psychology (3 cr)
Survey of the field of clinical psychology including history, models, interviewing skills, diagnostic testing, psychotherapy methods, and professional issues.
Recommended Equivalency: Psyc 347

2. Add the following courses [**Effective**: Summer 2009]

Psyc 319 Environmental Psychology (3 cr)
This course will cover the empirical social science research on a variety of topics within environmental psychology. Specific topics include: conservation, population psychology, built environments, human territoriality, personal space, crowding, environmental stressors, environmental symbolism, cognitive processes, sustainability of spaces and communities.
Prereq: Psyc 101

Psyc 347 Survey of Helping Professions (3 cr)
Survey of the helping professions involving psychological assistance, including clinical, counseling, school, social work, psychiatric nursing, chaplaincy/ministerial, non-traditional helpers, and peer helpers. Analysis of counseling methods, psychological testing, outcome studies, and professional issues.
Recommended Equivalency: Psyc 411

Psyc WS565 Physiological Psychology (3 cr) WSU Psych 574
Neuoanatomical, neurochemical, and other biological cases of human and animal behavior.

Psyc WS566 Behavioral Pharmacology (3 cr) WSU Psych 577
Survey of drugs which affect brain function with emphasis on animal models and clinical applications.

Psyc WS567 Behavioral Neuroscience (3 cr) WSU Psych 579
Advanced topics in neurochemistry, neurophysiology, and neuroanatomy, as they relate to behavior.

Psyc WS568 Sensory Bases of Behavior (3 cr) WSU Psych 584
Sensory and physiological aspects of vision, audition, and other senses.

Psyc WS569 Foundations of Neuropsychology (3 cr) WSU Psych 575
Foundation in brain/behavior relationships and neuropathological syndromes; preparation for advanced training in neuropsychological assessment.

3. Change the cooperative status of the following courses [**Effective**: Summer 2009]

Psyc ID446 Engineering Psychology (3 cr) WSU Psych 448
Application of principles of experimental psychology to analysis of interaction of the human operator with machine systems and work environments; emphasis on psychological aspects of human performance.
Prereq: Psyc 218 or Stat 301 or Permission

Psyc ID516 Industrial/Organizational Psychology (3 cr) WSU Psych 519
See Psyc J416/J516.

Psyc ID535 Personnel Psychology (3 cr) WSU Psych 555
See Psyc J435/J535.

Psyc ID541 Social Psychology in the Workplace (3 cr) WSU Psych 541
Overview of the general theory and methods of organizational psychology; focus on how individual or group behavior is affected by the organizational environment; includes topics such as work motivation, leadership, teams, culture/climate, and job attitudes.
Prereq: Permission

Psyc ID561 Human-Computer Interaction (3 cr) WSU Psych 561
See Psyc J461/J561.

Psyc ID562 Advanced Human Factors (3 cr) WSU Psych 562
Review of topics and theories germane to human factors such as performance measurement systems, design specifications, research issues, controls and displays, human reliability, and illumination.
Prereq: Psyc 446, and Psyc 586 or Stat 401; or Permission

4. Change the title of the following course [**Effective**: Summer 2009]

Psyc WS533 Adult Psychopathology (3 cr) WSU Psych 533

Theatre and Film

1. Drop the following courses [**Effective**: Summer 2009]

TheF 568 Theatre History I (3 cr)
See TheF J468/J568.
Recommended Equivalency: TheF 468

TheF 569 Modern Theatre (3 cr)
See TheF J469/J569.
Recommended Equivalency: TheF 469

2. Change the prerequisites of the following course [**Effective**: Summer 2009]

TheF 464 Scenographic Techniques (3 cr)
Practical survey of graphics used in design and execution of scenery for the stage, including drafting, perspective, front and rear elevations, painters elevations, and properties design and drafting. Four hrs of lab a wk.
~~**Prereq:** TheF 202~~

3. Change the description, joint-list status and prerequisites of the following course [**Effective**: Summer 2009]

TheF ~~J~~468~~/J568~~ Theatre History I (3 cr)
The comprehensive survey of the major theatrical trends, theorists, and practitioners from the Golden Age of Greece until the early 19th Century. ~~Additional projects/assignments required for graduate credit.~~
~~**Prereq:** TheF 371 or Permission of department~~

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FOR THE FACULTY'S INFORMATION

Correction to General Curriculum Report 248:

Changes to Cooperative Courses Approved Since Last General Curriculum Report:

(ID = taught only at UI; WS = taught only at WSU, LC = taught only at LCSC; ID&WS = can be taught at both UI & WSU; ID&LC = can be taught at both UI & LCSC)

1. Change the WSU cooperative course on the following courses [Effective: Summer 2009]

Ag ID417 NxLevel's Agricultural Entrepreneurship – Tilling the Soil of Opportunity (3 cr) WSU ~~SoilS 403~~AFS 417
Assessing potential of small farm enterprises; marketing strategies, finances, feasibility, legal issues, resource evaluation and writing a business plan. One three hour class per wk.

Ag WS445 Field Analysis of Sustainable Food Systems (3 cr) WSU ~~SOILS~~ AFS 445

Phil ID&WS320 History of Ancient and Medieval Philosophy (3 cr) WSU Phil ~~290~~ 320
Philosophical thought from the early Greeks through the Middle Ages; concentration on metaphysics and theory of knowledge.

Phil ID&WS321 History of Modern Philosophy (3 cr) WSU Phil ~~305~~ 321
Critical evaluation of the thought of major figures in early modern philosophy, such as Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant; emphasis on metaphysics and epistemology.

Phil WS322 19th Century Philosophy (3 cr) WSU Phil ~~310~~322

Phil WS535 Advanced Biomedical Ethics (3 cr) WSU Phil ~~530~~535

Other Informational Changes:

1. Change the credits of the following course [Effective: Summer 2008]

EnvE WS518 Hazardous Waste Engineering (3 or 4 cr) WSU CE 518

2. Change the description and prereq of the following course [Effective: Fall 2008]

CS 130 Programming with Visual Basic (3 cr)
Introduction to fundamental problem solving techniques using the computer and the object oriented, event driven language Visual Basic. The course introduces structured programming concepts; the use of fundamental data types, including arrays and database structures; and editing and program execution. Recommended Preparation: Math 143.
~~**Prereq:** Math 143~~

COURSES TO BE MADE DORMANT [**Effective**: Summer 2009]
If it is determined by the Registrar's Catalog Editor that a course has not been offered in the last four years, he/she will initiate the process to make the course dormant.

Adult, Career and Technology Education
ADOL 516
ADOL 543
PTTE 185
PTTE 310
PTTE 362
PTTE 451
PTTE 452
PTTE 454
PTTE 497
PTTE 543

Agricultural and Extension Education
AG 445
AGED 252
AGED 583

Agricultural Economics and Rural Sociology
AGEC 451

Architecture and Interior Design
ARCH 401
ARCH 597

Art and Design
ART 381

Animal and Veterinary Science
AVS 110
AVS 166
AVS 205
AVS 597

Biological and Agricultural Engineering
BAE 351
BAE 482

Biological Sciences
BIOL 311
BIOL 510
BIOL 512
BIOL 514
BIOL 516
BIOL 518
BIOL 519
BIOL 535
BIOL 539
BIOL 543
BIOL 557

Business and Economics
BUS 530
ECON 430
ECON 455
ECON 522
ECON 555
ECON 597

Chemical Engineering
CHE 441
CHE 578

Chemistry
CHEM 100
CHEM 597

Computer Science
CS 413
CS 461
CS 561
CS 590

Core Science
CORS 209

Counseling and School Psychology, Special Education, and Educational Leadership
EDAD 597
EDSP 102

Curriculum and Instruction
LIBS 417
LIBS 432

Electrical and Computer Engineering
ECE 314
ECE 433
ECE 536

Education
ED 430
ED 431
ED 445

ED 597

English
ENGL 330
ENGL 428

Environmental Engineering
ENVE 519

Family and Consumer Science
FCS 101
FCS 563
FCS 564

Fish and Wildlife Resources
FISH 435
WLF 520
WLF 544
WLF 597

Foreign Languages and Literatures
CHIN 111
CHIN 131
FLEN 220
FREN 597
GERM 597
RUSS 120
RUSS 306
RUSS 361
RUSS 430
RUSS 450
SPAN 597

Forest Resources
FOR 470

Food Science
FST 512
FST 522
FST 597

Geological Sciences
GEOL 401
HYDR 577
HYDR 597

History
HIST 427
HIST 470
HIST 527
HIST 570
HIST 597

Interdisciplinary Studies
INTR 497

Landscape Architecture
LARC 580
LARC 581

Latin American Studies
LAS 410
LAS 510

Law
LAW 929

Mechanical Engineering
ME 525
ME 542

Material Science and Engineering
MET 480
MET 508
MET 510
MET 597

Microbiology, Molecular Biology and Biochemistry
MMBB 468
MMBB 568

Music
MUSA 150
MUSA 350
MUST 597

Natural Resources
NR 597

Philosophy
PHIL 220
PHIL 308
PHIL 425
PHIL 460
PHIL 462
PHIL 472

Plant, Soil, and Entomological Sciences
ENT 540
PLSC 301
PLSC 490
PLSC 526
PLSC 590

Political Science
POLS 383

Religious Studies
RELS 308

Sociology, Anthropology, and Justice Studies
ANTH 597
JS 150
SOC 591

Theatre and Film
THEF 330
THEF 350
THEF 441
THEF 443
THEF 444
THEF 509
THEF 511
THEF 520

DORMANT COURSES TO BE DROPPED [**Effective**: Summer 2009]
If a course remains dormant for two years, the Registrar's Catalog Editor will initiate the process to drop the course unless the department takes the necessary steps to redisplay the course in the catalog.

Agricultural and Extension Education
AGED 211

Agricultural Economics and Rural Sociology
AGEC 430
AGEC 435

Animal and Veterinary Science
AVS 174
AVS 176
AVS 366

Biological and Agricultural Engineering
ASM 413

Business and Economics
BUS 478
BUS 582
BUS 597

Counseling and School Psychology, Special Education and Educational Leadership
CASP 579
EDSP 561
EDSP 562

Civil Engineering
CE 420

Computer Science
CS 371
CS 435
CS 485
CS 496
CS 521
CS 535
CS 596

Fish and Wildlife Resources
FISH 401
FISH 470
FISH 512
WLF 401
WLF 470
WLF 493
WLF 542
WLF 588

Forest Products
FORP 336
FORP 401
FORP 437
FORP 455
FORP 497
FORP 541

Forest Resources
FOR 401
FOR 477
FOR 581
FOR 589

Food Science
FST 427
FST 440
FST 510

Health, Physical Education, Recreation, and Dance
H&S 355

PEP 311
PEP 411
REC 522
REC 582
REC 593

Natural Resources
NR 401

Plant, Soil and Entomological Sciences
ENT 348
ENT 448
ENT 451
ENT 480
ENT 543
ENT 550
ENT 556
ENT 557
ENT 558
ENT 583
ENT 595
PLSC 422
PLSC 508
PLSC 522
PLSC 557
PLSC 558
PLSC 571
SOIL 541
SOIL 551

Updated Dormant Course Policy

The Dormant Course Policy

The Dormant Course Policy is a long standing policy implemented by the University Curriculum Committee (UCC). The Dormant Course Policy was implemented to maintain a list of courses in the General Catalog that a student could reasonably expect to be offered on a regular basis.

~~**Adding Courses to the Dormant List:**~~

~~Courses may be added to the dormant list in two ways.~~

1. ~~**Review Course Activity** – If it is determined by the Office of the Registrar that a course has not been offered with an enrollment greater than zero in the last four years, the process to make the course dormant will be initiated (see below). Courses approved to go to dormant status by the University Curriculum Committee (UCC) will be included on the next General Curriculum Report as informational only.~~

2. ~~**Departmental Requests** – Departments may submit a *Drop Course* form through the regular channels (Department, College, UCC, General Curriculum Report) requesting that the listed course(s) should become dormant. This information will be included on the next General Curriculum Report as informational only.~~

~~Note: Courses that are made dormant will not be displayed in the UI General Catalog.~~

Dormant Course Process Initiated by the ~~Office of the Registrar~~University Curriculum Committee

The UCC has charged the Office of the Registrar with producing and maintaining a list of courses to be made dormant based on the guidelines set forth by the UCC. The Office of the Registrar will produce a report of all courses that have not been offered with an enrollment greater than zero in the last four or more years. Courses that appear on this list will be considered for dormant status. The Office of the Registrar will submit a list of potential dormant courses to each department/unit in ~~April~~February. This list will be resent during the Summer semester and at the beginning of the Fall semester. During the first UCC meeting of October, UCC will review the list of potential dormant courses for approval to move to dormant status. Academic departments/units that wish to have one or more courses removed from the list of potential dormant courses must either have their current Department/Unit Chair/Head/Coordinator or Associate Dean email the Academic Publications Editor (currently Charles Tibbals, ctibbals@uidaho.edu) and request that he remove the course(s) from the list or send a representative to attend the first UCC meeting in October or have their UCC College representative speak at UCC on their

behalf and request from the committee that the course(s) in question be removed. Courses that have not been removed from the list will be considered for dormant status by UCC.

Adding Courses to the Dormant List:

Courses may be added to the dormant list in two ways.

1. **Review Course Activity** – If it is determined by the Office of the Registrar that a course has not been offered with an enrollment greater than zero in the last four years, the process to make the course dormant will be initiated (see below). Courses approved to go to dormant status by the University Curriculum Committee (UCC) will be included on the next General Curriculum Report as informational only.

2. **Departmental Requests** – Departments may submit a *Drop Course* form through the regular channels (Department, College, UCC, General Curriculum Report) requesting that the listed course(s) should become dormant. This information will be included on the next General Curriculum Report as informational only.

Note: Courses that are made dormant will not be displayed in the UI General Catalog.

Offering Courses currently on the Dormant List:

Courses currently listed as dormant may be offered up to two semesters without a formal request to UCC. An academic department/unit that wishes to offer a dormant course must submit an email request to classroomscheduling@uidaho.edu. Dormant courses do not appear in the COWS menu so the course must be manually entered into Banner by the Office of the Registrar. After a dormant course has been offered two times, the department/unit must go through the steps to remove the course from the dormant list and redisplay it in the UI General Catalog (see below) if they wish to offer the course again.

Removing Courses from Dormant List and Redisplaying in the UI General Catalog:

If a department/unit wishes to redisplay a dormant course they must submit an *Add Course* form through the regular channels (department, college, UCC, General Curriculum Report) requesting that the dormant course be removed from the dormant list and redisplayed in the General Catalog.

Dropping Courses from the Dormant Course List:

If a course remains dormant for two years, the Office of the Registrar will initiate the process to drop the course unless the department takes the necessary steps to redisplay the course in the catalog. A course on the dormant list may be dropped completely by having departments submit a *Drop Course* approval form through the regular channels (Department, College, UCC, General Curriculum Report).