

General Curriculum Report #233

UNIVERSITY OF IDAHO - REGISTRAR'S OFFICE

November 5, 2004

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.

Adult, Counselor and Technology Education

1. Add the following courses [**Effective:** Summer 2005]
PTTE **531 National Board Certification I** (3 cr). Support and development of exemplary teaching candidates seeking to complete the career and technical education portfolio required by the National Board for Professional Teaching Standards. Recommended Preparation: Meet NBPTS process minimum qualifications. (Fall only)

PTTE **532 National Board Certification II** (3 cr). Support and development of exemplary teaching candidates seeking to complete the career and technical education portfolio required by the National Board for Professional Teaching Standards. Recommended Preparation: Meet NBPTS process minimum qualifications. (Spring only)
2. Change the description of the following course [**Effective:** Summer 2005]
PTTE **426 Occupational Analysis and Curriculum Development** (3 cr) Instructional design systems and curriculum development as a systematic method of designing, carrying out, and evaluating the total process of teaching and learning; based on research in human learning and communication, employing a combination of human and non-human resources to bring about effective instruction. ~~Focused on K-12~~Focus on secondary and post-secondary professional/technical education.
3. Change the title and description of the following courses [**Effective:** Summer 2005]
PTTE **J419/J519 ~~Information Processing Management~~ Teaching and Learning Database Applications** (3 cr) Teaching and training strategies for ~~information retrieval, processing, storage, and distribution utilizing state-of-the-art hardware, software, technology and database management principles.~~database applications. Includes database management principles and methods of information retrieval, processing, storage and distribution. Advanced project reqd for grad cr. ~~One lec and 2 hrs of lab a wk.~~ Recommended Preparation: PTTE 111.

PTTE **430 ~~Supervising PTTE Leadership and Student Organizations-I~~** (2 cr) Development of leadership skills; ~~techniques and procedures for establishing a professional technical and technology student organization instruction in planning, implementation and supervision of professional-technical student organizations; and participation in regional leadership conferences.~~

PTTE **431 ~~Supervising PTTE Student Organizations-II~~** (1 cr) ~~Role of student organizations in PTTE; organization and implementation of youth activities. Supervising PTTE Student Organizations involves active participation in Professional-Technical Student Organization's post-secondary competitive events program, as well as assisting in the administration and supervision of secondary regional and state Professional-Technical Student Organization conferences.~~
4. Change the title, credits, description, and class meeting information of the following course [**Effective:** Summer 2005]
PTTE **492 ~~Accounting, Personal Finance & Economics~~ Business and Marketing Education Methods** (~~3~~ cr) ~~Effective methods and materials for teaching accounting, personal finance, economics, and consumer economics at the secondary or middle school level. Teaching pedagogy, instructional materials and student evaluation strategies in Business and Marketing Education.~~ Prereq: perm.-(~~Fall only~~)

Aerospace Studies

- Change the title and course description of the following courses [**Effective:** Summer 2005]
- Aero **101-102 ~~The Air Force Today~~ Foundations of the U.S. Air Force** (1 cr). Survey course that ~~focuses on organizational structure and missions of Air Force organizations; "officership" and professionalism; introduction to communicative skills; weekly lab consisting of Air Force customs and courtesies, health and physical fitness, and drill ceremonies is mandatory for cadets.~~introduces students to the United States Air Force and the Air Force Reserve Officer Training Corps (AFROTC). The course primarily focuses on the mission and organization of the Air Force, Air Force dress and appearance standards, military customs and courtesies, Air Force heritage and introduction to communication skills. Weekly lab consisting of Air Force customs and courtesies, health and physical fitness, and drill ceremonies is mandatory for cadets.
- Aero **201-202 ~~The Air Force Way~~ Evolution of U.S. Air Force Air and Space Power** (1 cr). Survey course ~~designed to facilitate the transition into the Air Force; topics include Air Force heritage, Quality Air Force, ethics and values, introduction to leadership, and continued application of communication skills; a weekly lab of applied leadership exercises is required for cadets.~~that presents an overview of the history of the Air Force and key airpower concepts, development of the U.S. Air Force and its guiding principles, the employment of airpower from the advent of manned flight through the post-World War II period to current air and space operations and continued application of communication skills. Weekly lab of applied leadership exercises is required for cadets.

Agricultural Economics and Rural Sociology

1. Change the description and prerequisite of the following course [Effective: Summer 2005]
AgEc 524 **International Agricultural Trade and Policy** (3 cr) ~~Economics of international trade and development, with emphasis on policy and research issues that arise from interaction of economic events in the world food economy~~Basic international trade theories, agricultural trade models; impacts of domestic trade policies on agricultural markets; regional and global trade liberalization; macroeconomic issues impacting trade. Prereq: Econ 446, AgEc 481, or perm.
2. Change the grading of the following course [Effective: Summer 2005]
AgEc 410 **Experiencing the Idaho Public Policy Making Process** (1 cr). Assessment of policy topics currently facing the agricultural industry. Students will travel to Boise while the legislature is in session to become familiar with the policy making process and to discuss current policy issues with industry and legislative officials. Three, three hour evening classes. Prereq: AgEc 356 or perm. ~~Graded P/F.~~ (Spring Only)

American Studies

Change the curricular requirements of **American Studies** (B.S./B.A.) [Effective: Summer 2005]

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

AmSt 201, 301, and a three credit designated upper-division American Studies course or a three credit capstone course in a major area of emphasis; and

Completion of one of the following major areas of emphasis:

A. Literature Emphasis

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B. History Emphasis

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C. Social Science Emphasis

Three of the following courses (9 cr):

Anth 329 North American Indians or Hist 431 Hist of Indian-White Relations (3 cr)

Geog 240 Economic Geography (3 cr)

PolS 235 Political Research Methods and Approaches (3 cr)

Soc 230 Social Problems (3 cr)

~~Soc 322 Racial and Ethnic Relations (3 cr)~~

Courses from at least two different academic disciplines (at least ~~9~~¹² cr must be upper division) (~~12~~⁸ cr):

AgEc 467 Economics of Rural Community Development (3 cr)

Anth 100 Introduction to Anthropology (3 cr)

Anth 422 Plateau Indians (3 cr)

Anth 431 Historical Archaeology (3 cr)

Anth 436 North American Prehistory (3 cr)

Anth 443 Plateau Prehistory (3 cr)

Arch 483 Urban Theory and Issues (3 cr)

Arch 486 American Architecture (2 cr)

~~Comm 111 Introduction to Communication Studies (3 cr)~~

Dan 421 Dance History (3 cr)

Econ 201, 202 Principles of Economics or Econ 272 Foundations of Economic Analysis (4-6 cr)

Econ 385 Environmental Economics (3 cr)

Econ 407 Public Finance (3 cr)

Econ 441 Labor Economics (3 cr)

Geog 165 Human Geography (3 cr)

Geog 330 Urban Geography (3-4 cr)

Geog 360 Population Dynamics and Distribution (3-4 cr)

Jamm 100 Media and Society (3 cr)

~~Jamm 444 Mass Media and Public Opinion (3 cr)~~

Jamm 445 History of Mass Media (3 cr)

MusH 440 Studies in American Music (3 cr)

Phil 472 Social and Political Philosophy (3 cr)

PolS 275 American State and Local Government (3 cr)

PolS 431 American Political Parties and Elections (3 cr)

PolS 432 American Congress (3 cr)

PolS 433 American Political Culture (3 cr)

PolS 437 American Presidency (3 cr)

PolS 438 Conduct of American Foreign Policy (3 cr)

PolS 460 Law and Society (3 cr)

PolS 467 Constitutional Law (3 cr)

PolS 468 Civil Liberties (3 cr)

Soc 101 Introduction to Sociology (3 cr)

Soc 313 Collective Behavior (3 cr)

Soc 322 Racial and Ethnic Relations (3 cr)

- Soc 325 Sociology of the Family (3 cr)
- Soc 414 Development of Social Theory (3 cr)
- Soc 423 Social Stratification (3 cr)
- Soc 424 Sociology of Gender (3 cr)
- TheF 386 Documentary Film/Television (3 cr)

Three courses in literature and history, including at least 3 cr in each (selected from the literature and history emphases list) (9 cr)

American Indian Studies

Change the curricular requirements of the **American Indian Studies** minor [**Effective:** Summer 2005]

- AIST 401 Contemporary American Indian Issues (3 cr)
- ~~AmSt 201 Introduction to Ethnic Studies (3 cr)~~
- Anth 329 North American Indians (3 cr)
- Engl 484 American Indian Literature (3 cr)
- Hist 431 History of Indian-White Relations (3 cr)
- Elective courses selected from the following (6 cr):
 - AIST 320 The Celluloid Indian: American Indians in Popular Film (3 cr)
 - AIST 404 Special Topics (3 cr)
 - AIST 495 Practicum (cr arr)
 - AIST 498 Internship (cr arr)
 - AIST 499 Directed Study (cr arr)
 - Anth 422 Plateau Indians (3 cr)
 - Anth 436 North American Prehistory (3 cr)
 - Anth 443 Plateau Prehistory (3 cr)
 - ~~EDTE 404 ST: American Indian Education (3 cr)~~
 - Hist 313 Red, White, and Black: The Peopling of Early America (3 cr)
 - Hist 404 ST: The Nez Perce: Then and Now (3 cr)
 - NezP 101-102 Elementary Nez Perce I, II (8 cr)
 - Soc/Anth 427 Racial and Ethnic Relations (3 cr)

Animal and Veterinary Sciences

1. Change the cooperative status and credits of the following course [**Effective:** Summer 2005]
 AVS ~~172~~ **Principles and Practices of Dairy Science** (32 cr). ~~WSU A-S 172~~—An overview of the dairy industry and the science of producing milk and reproduction, udder health and mastitis, milk marketing, and dairy product quality and safety; approved management practices for dairy enterprise.
2. Change the credits of the following course [**Effective:** Summer 2005]
 AVS **222 Animal Reproduction and Breeding** (43 cr). Provides fundamental information about reproduction, lactation, and breeding of domestic animals; topics include functional anatomy, basic physiology, and endocrinology relating to reproduction and lactation; animal breeding involves the mathematical and conceptual framework of genetic evaluation.
3. Change the curricular requirements of **Animal Science** (B.S.An.Sc.) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3) and:

- AVS 101 Animal and Veterinary Orientation (2 cr)
- AVS 109 The Science of Animals that Serve Humanity (3 cr)
- AVS 110 Animal Husbandry Lab I (1 cr)
- AVS 209 Science of Animal Husbandry (3 cr)
- AVS 210 Animal Husbandry Lab II (1 cr)
- AVS 221 Molecular and Cellular Biology (4 cr)
- AVS 305 Animal Nutrition (4 cr)
- AVS 306 Feeds and Ration Formulation (4 cr)
- AVS 371 Anatomy and Physiology (4 cr)
- AVS 450 Issues in Animal Agriculture (1 cr)
- AVS 452 Physiology of Reproduction (4 cr)
- Biol 115 Cells and the Evolution of Life (4 cr)
- Chem 111 Principles of Chemistry I (4 cr)
- Comm 101 Fundamentals of Public Speaking (2 cr)
- Engl 313 Business Writing or Engl 317 Technical Writing (3 cr)
- Math 143 Pre-calculus Algebra and Analytical Geometry (3 cr)
- Stat 251 Principles of Statistics (3 cr)
- Computer applications course (3 cr)

Complete one of the following four options:

A. Business Option

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B. Dairy Science Option

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C. Production Option

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D. Science/Preveterinary Option

AVS 330 Genetics of Livestock Improvement (3 cr)
 AVS 471 Animal Disease Management (3 cr)
 AVS 472, 474, 476, or 478 Species Production (3 cr)
 Biol 116 Organisms and Environments (4 cr)
 Chem 112 Principles of Chemistry II (5 cr)
 Chem 277, 278 Organic Chemistry I and Lab (4 cr)
 Chem 372 Organic Chemistry II (3 cr)
 Gene 314 General Genetics (3 cr)
[MMBB 250 General Microbiology \(5 cr\)](#)
[MMBB 154, 155 Introductory Microbiology or MMBB 250, 255 General Microbiology \(4-5 cr\)](#)
 MMBB 300 Survey of Biochemistry (3 cr)
 Phys 111-112 General Physics I-II (8 cr)
 Biol or MMBB elective, 300-level or above (3 cr)
 Electives to total 132 for the degree

4. Change the curricular requirements of **Science Preveterinary** (B.S.Vet.Sc) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3) and:

AVS 101 Animal and Veterinary Orientation (2 cr)
 AVS 109 The Science of Animals that Serve Humanity (3 cr)
 AVS 110 Animal Husbandry Laboratory I (1 cr)
 AVS 209 Science of Animal Husbandry (3 cr)
 AVS 210 Animal Husbandry Laboratory II (1 cr)
 AVS 221 Growth and Development of Farm and Companion Animals (3 cr)
 AVS 305 Animal Nutrition (4 cr)
 AVS 371 Anatomy and Physiology (4 cr)
 AVS 452 Physiology of Reproduction (3 cr)
 Biol 115 Cells and the Evolution of Life (4 cr)
 Biol 213 Principles of Biological Structure and Function (4 cr)
 Chem 111-112 Principles of Chemistry I-II (9 cr)
 Chem 277, 278 Organic Chemistry I and Lab (4 cr)
 Comm 101 Fundamentals of Public Speaking (2 cr)
 Engl 313 Business Writing or Engl 317 Technical Writing (3 cr)
 Gene 314 General Genetics or Biol 210 Genetics (3-4 cr)
 Math 143 Pre-calculus Algebra and Analytic Geometry (3 cr)
[MMBB 250 General Microbiology \(5 cr\)](#)
[MMBB 154, 155 Introductory Microbiology or MMBB 250, 255 General Microbiology \(4-5 cr\)](#)
 MMBB 300 Survey of Biochemistry (3 cr)
 Phys 111-112 General Physics I-II (8 cr)
 Stat 251 Principles of Statistics (3 cr)
 Computer application course (3 cr)
 Electives to total 132 cr for the degree
 First year in veterinary school (32 cr)

Architecture

1. Change the number of the following courses [**Effective:** Summer 2005]
 Arch ~~470~~**570** **Natural Lighting** (2 cr). ([Arch 470](#)) Methods for design of daylighting systems for building.
 Arch ~~474~~**571** **Building Vital Signs** (2 cr). ([Arch 471](#)) Methods for assessing performance of actual and planned buildings.
2. Change the number and title of the following course [**Effective:** Summer 2005]
 Arch ~~475~~**575** **Professional Practice I** (3 cr). ([Arch 475](#)) The architect's duties and responsibilities in practice (construction documents and contracts), project supervision, office administration, and comprehensive services; specification writing, unit costs, and building estimation.
3. Drop the following course [**Effective:** Summer 2005]
 Arch **476 Professional Practice II** (3 cr). The architect's duties and responsibilities in practice (construction documents and contracts), project supervision, office administration, and comprehensive services; specification writing, unit costs, and building estimation.
4. Change the curricular requirements of **Architecture** (B.S.Arch.) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3) and:

 Math 143 Pre-calculus Algebra and Analytic Geometry (3 cr)
 Math 160 Survey of Calculus or Phil 202 Intro to Symbolic Logic or Stat 251 Principles of Statistics or CS 112 Intro to Problem Solving and Programming (3-4 cr)
 Phys 111 General Physics I (4 cr)
 Vtd 244 Introduction to 3D Modeling (3 cr)
[Five of the following courses \(15-17 cr\):](#)
 Arch 463-464 Environmental Control Systems (~~4~~**8** cr)
 Arch 465-466 Building Technology II (~~3~~**6** cr)
[Arch 475 Professional Practice I \(3 cr\)](#)
 Arch 483 Urban Theory and Issues (3 cr)

Electives to total 128 cr for the B.S.Arch. degree (including at least 6 cr of 300/200-level or above courses taken outside the disciplines of architecture, landscape architecture, art, and interior design and 6 cr of 200-level or above courses taken within the disciplines; credits earned in completion of an academic minor may be substituted).

5. Change the curricular requirements of **Interior Design** (B.F.A.) [**Effective:** Summer 2005]

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Due to the unique configuration and relationship between Architecture and Interior Design, students in the interior design program graduate with a major in interior design (ID) and a minor in architecture. Students can also minor in other disciplines of their choice. Students also have the option of double majoring in interior design and architecture over the period of seven years, thus graduating with a B.F.A. in interior design and an M.Arch. in architecture. ~~Admission into the program is highly competitive.~~ Students must hold a minimum GPA of 2.50 with a grade of "C" or better in all required ~~ID and Arch~~ **Interior Design, Art, and Architecture** courses **to be accepted into the sophomore year. A portfolio review will be conducted in the spring of the sophomore year. The portfolio, of no more than 10 pages, should be submitted in an 8-1/2" x 11" format. Results of the evaluation are made known to applicants by the end of June.**

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

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Art and Design

1. Change the prerequisites of the following courses [**Effective:** Summer 2005]

Art 111 Drawing I (2 cr). *May be used as core credit in J-3-d.* Freehand drawing; emphasis on expressive use of materials. Two 2-hour studios a wk. ~~Prereq or coreq: Art 110.~~

Art 380 Digital Imaging (3 cr) Computer imaging with emphasis on visual problem solving and design; development of professional techniques with industry standard software. ~~Prereq: Art 280 or perm.~~

Art 516 (s) MFA Art Studio (3-6 cr, max 9). Open only to MFA majors. Studio research taken from two or more art faculty members. ~~Prereq: Art 525 (6 cr) and perm.~~

Art 590 (s) MFA Thesis Exhibition (4-8 cr, max 20). Open only to MFA majors. Studio research directly related to preparation of MFA "Exhibition and Statement." ~~Prereq: Art 525 (6 cr).~~

2. Change the credits of the following course [**Effective:** Summer 2005]

Art 508 (s) Readings in Art: Critical Theory and Continental Aesthetics (3 cr, ~~max 6~~). Introduction and examination of principal texts on art and aesthetics from the major figures in Critical Theory and Continental philosophy. Students will be encouraged to address the possible relevancy and application of the various theoretical frameworks within the purview of their own aesthetic and critical disciplines. Open to all graduate students, and to undergraduates with instructor's approval.

3. Drop the following courses [**Effective:** Summer 2005]

Art 225 Communication Graphics (2 cr). Intro to graphic communication using elementary techniques emphasizing typography and advertising layout. Two 3-hr studios a wk and assignments. Not for graphics majors. Class limited to 35.

Art 505 (s) Special Topics (cr arr). Prereq: perm.

Biological and Agricultural Engineering

- Change the curricular requirements of **Agricultural Systems Management** (B.S.A.S.M.) [**Effective:** Summer 2005]

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

Acct 201 Introduction to Financial Accounting (3 cr)
 Acct 202 Introduction to Managerial Accounting (3 cr)
 AgEc 278 Farm and Agribusiness Management (3 cr)
 ASM 112 Introduction to Agricultural Systems Management (3 cr)
 ASM 200 Seminar (1 cr)
 ASM 202 Agricultural Shop Practices (2 cr)
 ASM 240 Computer Applications in Biological Systems (3 cr)
 ASM 305 Agricultural Machinery Systems (3 cr)
 ASM 315 Irrigation Systems and Water Management (3 cr)
 ASM 331 Electric Power Systems for Agriculture (3 cr)
 ASM 409 Agricultural Tractors and Power Units (3 cr)
 ASM 433 Agricultural Processing Systems (3 cr)
 BAE 478 Biological and Agricultural Engineering Design I (2 cr)
 BAE 479 Biological and Agricultural Engineering Design II (2 cr)
 BAE 491 Seminar (1 cr)
 Biol 102 Biology and Society or Biol 115 Cells and the Evolution of Life (4 cr)
 BLaw 265 Legal Environment of Business (3 cr)
 Chem 101 Introduction to Chemistry I or Chem 111 Principles of Chemistry I (4 cr)
 Comm 101 Fundamentals of Public Speaking (2 cr)
 Econ 201 Principles of Economics (3 cr)
 Econ 202 Principles of Economics (3 cr)
 Eng 317 Technical Writing or Engl 313 Business Writing (3 cr)
 Engl 102 College Writing and Rhetoric (3 cr)
 Phys 100 Fundamentals of Physics, Phys 111 General Physics I, or Phys 211 Engineering Physics I (4 cr)
 PISc 102 The Science of Plants in Agriculture (3 cr)

PTTE 367 Teaching and Learning Computer Aided Drafting/Design (3 cr)
 Soil 205 The Soil Ecosystem (3 cr)
 Soil 206 The Soil Ecosystem Lab (1 cr)
 Stat 251 Principles of Statistics (3 cr)

Select one of the following options

B. Water and Waste Management Systems Option

ASM 430 Water & Wastewater Operations Management (3 cr)
 BAE 351 Hydrology (3 cr)
 BAE 356 Hydrologic Measurement Techniques (1 cr)
~~Chem 111 Principles of Chemistry I (4 cr)~~
 EnvS 446 Drinking Water & Human Health (3 cr)
 Math 160 Survey of Calculus or Math 170 Analytical Geometry and Calculus (4 cr)
 Agriculture Electives (See list in Dept. Office) (9 cr)
 Advisor approved electives to total 128 for the degree (See list in Dept. Office)

Civil Engineering

Change the description of the following course [Effective: Summer 2005]

CE 473 **Highway Design** (3 cr). Planning, ~~geometrics, location, and design of urban and rural~~ horizontal and vertical alignments, field data collection, location and design of highway systems. Application of highway design standards. Two lec and one 3-hr lab a wk.
 Prereq: CE 372, CE 360 or perm.

Conservation Social Sciences

1. Change the course prefix for all Conservation Social Sciences courses from RRT to CSS [Effective: Summer 2005]

2. Add the following courses [Effective: Summer 2005]
 CSS 483 **Senior Project Presentation** (1 cr). See For 483.

CSS 573 **Planning & Decision Making for Watershed Management** (3 cr). Focus on ecological and human factors in process-oriented approaches to watershed analysis and planning for effective decision-making; emphasis on practical applications of current tools and approaches, e.g., GIS, MAU Theory, collaborative management. (Spring only, Alt/yr)

3. Change the title and description of the following courses [Effective: Summer 2005]
 RRT 304 **Conservation Leadership and Mgt** ~~Leadership and Mgt~~ Social Sciences Field Studies (3 cr). *May be used as core credit in J-3-d.* Field site evaluation of conservation ~~and leadership management~~ social science cases. One hundred and twenty hours of instruction during a 12-day field excursion during summer session; pre- and post-visit written and oral assignments; special fee assessed. (Summer only)

RRT 587 **Research Literature in** ~~Resource Recreation and Tourism~~ Conservation Social Sciences (3 cr). Readings in research literature pertinent to problems, practices, and theories of ~~recreation and tourism~~ the conservation social sciences; evolution of literature and critical evaluation of scientific methods used. (Fall only)

RRT 591 **Theories of** ~~Recreation and Tourism~~ Environmental Behavior (3 cr). Same as Soc 591. Application of social science perspectives ~~to the analysis of recreation and tourism behavior~~ on attitudes and human behavior in relation to environmental concerns; pertinent ~~social science~~ psychological, sociological, and anthropological frameworks are explored. (Fall only)

4. Change the description of the following courses [Effective: Summer 2005]
 RRT ID387 **Environmental Communication Skills** (3 cr). WSU NATRS 373. Introduction to communications skills in the context of natural resources, including environmental and cultural interpretation; communication psychology and media applied to noncaptive audiences in natural resource situations. Field trip may be required. Special fee assessed. Prereq: RRT 287 or perm. (Fall only)

RRT 481 **Conservation Leadership** (3 cr) Generates essential understanding, insight, and skills into leadership of political and organizational systems designed to conserve natural resources. Field trip may be required. Recommended Preparation: RRT 235, 287. (Spring only)

RRT ID487 **Environmental Education** (3 cr). WSU NATRS 476. Concept and techniques of environmental education with emphasis on informal education settings such as residential and day-use environmental education centers, nature centers, visitor centers. Field trip may be required. (Spring only)

RRT 493 **International Land Preservation and Conservation Systems** (3 cr). *May be used as core credit in J-3-d.* An examination of international approaches to land preservation and conservation; comparative analysis of philosophies, methods of implementation (Parks, Biosphere Reserves, RAMSAR sites, etc.), and associated issues and concerns with these social interventions; ramifications of conservation practices for biophysical and social systems. Field trip may be required. (Spring only)

5. Change the title of the following course [Effective: Summer 2005]
 RRT 565 ~~Env. Ed. Curriculum Design & Instruction~~ Advanced Instructional Strategies in Environmental Education (3 cr)
 Expand on student knowledge of the components of lesson planning (thematic statements, goals, performance objectives, assessment, and state standards) and take lesson planning to a more sophisticated level, to introduce forms of authentic assessment, to increase student familiarity of the variety and quality of Env. Ed. curricula, and to explore various theories on learning and student development, to understand how they relate to lesson planning and teaching students. (Spring only)

6. Change the curricular requirements of **Resource Recreation and Tourism** (B.S.Res.Rc.) [Effective: Summer 2005]
Required Course work includes the university requirements (see regulation j-3) and:

Biol 115 Cells and the Evolution of Life (4 cr)
Chem 101 Introduction to Chem I or Chem 111 Principles of Chem I or Geol 101 Physical Geology (4 cr)
Comm 101 Fundamentals of Public Speaking or one semester of a foreign language (2-4 cr)
Econ 202 or 201 Principles of Economics (3 cr)
For/Rnge/Wlf 221 Natural Resources Ecology (3 cr)
For 320 Dendrology or LArc 288 Plant Materials I or Rnge 353 Rangeland Plant Ident and Ecology or PISc 203 General Botany (3-4 cr)
For 375 Airphoto Interpretation and Mapping or LArc/Geog 385 GIS Primer (3 cr)
Math 143 Pre-calculus Algebra and Analytic Geometry or 160 Survey of Calculus or 170 Survey of Calculus II (3-4 cr)
NR 101 Exploring Natural Resources (taken simultaneously with RRT 287) (1 cr)
PoIS 101 Intro to Political Science and American Government (3 cr)
PoIS 462 Natural Resource Policy or PoIS 464 Politics of the Environment or For 484 Forest Policy and Administration (2-3 cr)
RRT/For 235 Society and Natural Resources (3 cr)
RRT 287 Foundations of Conservation Leadership and Management (taken simultaneously with NR 101) (2 cr)
RRT 304 Conservation Leadership and Mgt Field Studies (3 cr)
RRT 310 Social Research Methods in Conservation (4 cr)
RRT 383 Resource Economics for Environmental Policymaking (3 cr)
RRT 385 Conservation Management and Planning I (3 cr)
RRT 386 Conservation Management and Planning II (3 cr)
RRT 387 Environmental Communication Skills (3 cr)
RRT/For/Rnge/Wlf/Fish/ForP 470 Interdisciplinary Natural Resource Planning (3 cr)
RRT 489 Personalities and Philosophies in Conservation (2 cr)
RRT 481 Conservation Leadership (3 cr)
RRT 498 Internship (6-9 cr)
Stat 251 Principles of Statistics (3 cr)
Two of the following (6 cr):
Anth 100 Introduction to Anthropology (3 cr)
Psyc 101 Introduction to Psychology (3 cr)
Soc 101 Introduction to Sociology (3 cr)
One writing course, such as Engl 207, 208, 209, 313, 316, 317 (3 cr)
Three of the following social science elective courses (if not chosen above), from a total of two disciplines (9 cr)
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Electives to total 128 cr for the degree

English

- Change the cooperative status of the following courses [Effective: Summer 2005]
Engl ~~ID513~~ **ESL Methods I: Basic Oral/Aural Skills** (3 cr). ~~WSU Engl 544~~—Survey of most widely used classroom techniques for developing speaking and listening skills in a second language; alternative innovative approaches. Prereq: Engl 441 or perm. (Fall, Alt/yrs)

Engl ~~WS514~~ **ESL Methods II: Reading, Writing, and Special Purpose English** (3 cr). ~~WSU Engl 544~~—Survey of most widely used classroom techniques for developing- reading and writing skills in a second language and teaching techniques to specialized professional programs. Prereq: Engl 441 or perm. (Spring, Alt/yrs)
- Add the following courses [Effective: Summer 2005]
Engl ~~J413/J513~~ **ESL Methods I: Basic Oral/Aural Skills** (3 cr). Survey of most widely used classroom techniques for developing speaking and listening skills in a second language; alternative innovative approaches. Additional projects/assignments reqd for grad cr. Prereq: Engl 441 or perm. (Fall, Alt/yrs)

Engl ~~J414/J514~~ **ESL Methods II: Reading, Writing, and Special Purpose English** (3 cr). Survey of most widely used classroom techniques for developing- reading and writing skills in a second language and teaching techniques to specialized professional programs. Additional projects/assignments reqd for grad cr. Prereq: Engl 441 or perm. (Spring, Alt/yrs)
- Change the curricular requirements of the **Teaching English as a Second Language** Minor [Effective: Summer 2005]
Engl ~~404413~~ ~~Special Topics: ESL Methods~~ **ESL Methods I: Basic Oral/Aural Skills** or EDTE 437 Secondary Foreign Language Methods I (3 cr)
Engl 441 Introduction to the Study of Language (3 cr)
Engl 442 Introduction to English Syntax (3 cr)
Anth/Soc 427 Racial and Ethnic Relations or Anth 261 Language and Culture (3 cr)
ED 302 Curriculum, Instruction, and Assessment Strategies (3 cr)
Electives chosen from among other courses in English language and linguistics or from Anth 261 or 427 if not chosen above (6 cr)
- Change the description of the following course [Effective: Summer 2005]
Engl ~~J498/J598~~ (s) **Internship** (1-3 cr, max 6). Graded P/F. Supervised experience in professional uses of English. Additional projects/assignments reqd for grad cr. With advisor's approval, up to 3 credits of Engl 498 may be counted toward the undergraduate English major. Prereq: perm of director of grad studies or director of undergrad studies, Dept of English.
- Add the following course [Effective: Summer 2005]
Engl ~~497~~ **Practicum** (1-3 cr, max 6). Supervised experience in assisting in the teaching of an English course. Graded P/F. Prereq: upper-class standing and permission of instructor and director of undergraduate studies.

5. Change the curricular requirements of **English (B.A.) [Effective: Summer 2005]**
 Required course work includes the university requirements (see regulation J-3), the general requirements for the B.A. degree, and one of the following emphases:

Literature Emphasis

Foundations (6 cr)

Engl 175 Introduction to Literary Genres (3 cr)

Engl 210 Introduction to Literary Theory (3 cr)

Literary History (15 cr)

Engl 257 or 258 Literature of Western Civilization (3 cr)

Engl 345 Shakespeare or another **upper-division** course in **British** literature before 1800 (3 cr)

Three courses from the following (9 cr):

Engl 341 Survey of British Literature (3 cr)

Engl 342 Survey of British Literature (3 cr)

Engl 343 Survey of American Literature (3 cr)

Engl 344 Survey of American Literature (3 cr)

Linguistics (3 cr)

Engl 441 Introduction to the Study of Language or Engl 496 History of the English Language (3 cr)

Cultural Diversity (One course in non-canonical or underrepresented literatures) (3 cr)

Engl 380 Introduction to U.S. Ethnic Literatures (3 cr)

Engl 480 Ethnic and Minority Literature (3 cr).

Engl 481 Women's Literature (3 cr).

Engl 483 African American Literature (3 cr).

Engl 484 American Indian Literature (3 cr).

Or an adviser-approved special topics or extra-departmental course (3 cr)

Electives (9 cr)

Elective courses numbered 300 and above, 6 credits of which must be 400-level courses (9 cr)

Capstone (3 cr)

Engl 490 Senior Seminar (3 cr)

Creative Writing Emphasis

Foundations (3 cr)

Engl 210 Introduction to Literary Theory (3 cr)

Literary History (12 cr)

Engl 257 or 258 Literature of Western Civilization (3 cr)

Engl 345 Shakespeare or another **upper-division** course in **British** literature before 1800 (3 cr)

Two courses from the following (6 cr):

Engl 341 Survey of British Literature (3 cr)

Engl 342 Survey of British Literature (3 cr)

Engl 343 Survey of American Literature (3 cr)

Engl 344 Survey of American Literature (3 cr)

Genre Craft/Workshop Courses (Students must take a full numerical sequence in his/her major genre (ex. 291/391/491), plus two additional creative writing courses in other genre(s) at the 200 or 300 level.) (15 cr)

Engl 291 Creative Writing: Poetry (3 cr)

Engl 292 Creative Writing: Fiction (3 cr)

Engl 293 Creative Writing: Nonfiction (3 cr)

Engl 391 Intermediate Poetry Writing (3 cr)

Engl 392 Intermediate Fiction Writing (3 cr)

Engl 393 Intermediate Nonfiction Writing (3 cr)

Engl 491 Advanced Creative Writing: Poetry (3 cr)

Engl 492 Advanced Creative Writing: Fiction (3 cr)

Engl 493 Advanced Creative Writing: Nonfiction (3 cr)

Electives (6 cr)

Two courses at the 400-level, one of which must be in modern or contemporary literature and one of which must be in non-canonical or under-represented literatures (a single course may fulfill both these subject requirements with adviser's approval) (6 cr)

Capstone (3 cr)

Engl 490 Senior Seminar (3 cr)

Professional Emphasis

....

Teaching Emphasis

....

6. Change the curricular requirements of the **Writing minor [Effective: Summer 2005]**
 The Writing Minor is not open to English majors.

One of the following courses (3 cr):

Engl 207 Persuasive Writing (3 cr)

Engl 208 Personal and Exploratory Writing (3 cr)

Engl 209 Inquiry-Based Writing (3 cr)

Two of the following courses (if not taken above) (6 cr):

Engl 207 Persuasive Writing (3 cr)

Engl 208 Personal and Exploratory Writing (3 cr)

Engl 209 Inquiry-Based Writing (3 cr)

Engl 210 Reading - Writing – Texts (3 cr)

Engl 291 Creative Writing: Poetry (3 cr)

Engl 292 Creative Writing: Fiction (3 cr)

Engl 293 Creative Writing: Nonfiction (3 cr)

Jamm 121 Media Writing (3 cr)

Three of the following courses (9 cr)

Engl 309 Advanced Prose Writing (3 cr)

Engl 313 Business Writing (3 cr)

Engl 317 Technical Writing (3 cr)

Engl 391 Intermediate Poetry Writing (3 cr)

Engl 392 Intermediate Fiction Writing (3 cr)

Engl 393 Intermediate Nonfiction Writing (3 cr)

[Engl 402 Internship in Tutoring Writing \(3 cr\)](#)

Engl 491 Advanced Creative Writing: Poetry (3 cr, max arr)

Engl 492 Advanced Creative Writing: Fiction (3 cr, max arr)

Engl 493 Advanced Creative Writing: Nonfiction (3 cr, max arr)

~~[Engl 498 Internship \(for a maximum of 3 credits\)](#)~~

Jamm 425 Feature Article Writing (3 cr)

Engl 440 Reading, Writing, and Rhetoric (3 cr)

7. Change the prerequisites for upper-division English courses [**Effective:** Summer 2005]

Prerequisites: Students may enroll for a second-semester course in English without having had the first-semester course, unless it is a stated prerequisite to the second-semester course. Engl 101 and 102 are prerequisite to all upper-division courses. A transfer student who lacks Engl 101 or 102, or both, may take either or both for credit even though he or she has already taken a literature course for which Engl 101 or 102 is prerequisite at UI. [For English majors in the Creative Writing and Literature Emphases](#) Engl 210 or permission of instructor is a prerequisite or corequisite to all literature courses numbered 300 and above; [for English majors in the Professional and Teaching emphases Engl 175 or Engl 210 or permission of the instructor is a prerequisite or corequisite to all literature courses numbered 300 or above.](#)

Family and Consumer Sciences

1. Add the following course [**Effective:** Summer 2005]

FCS **551 Techniques of Supervision** (1-2 cr). Basic processes and techniques of clinical supervision with a goal of professional development of teachers. Recommended preparation: A minimum of two years of professional teaching experience.

2. Change the curricular requirements of **Child, Family, and Consumer Studies** (B.S.F.C.S.) [**Effective:** Summer 2005]

The minimum credits required for graduation are 132, including at least 36 credits at the 300-level or above. Required course work includes the university requirements (see regulation J-3) and one of the following options:

C. Family and Consumer Sciences Education Option

Family and Consumer Sciences Education prepares students for teaching in the public schools, in community settings, for business audiences.

Students seeking certification as secondary teachers must meet College of Education requirements for entry into teacher education. These requirements are prerequisite to enrollment in upper-division courses in the College of Education (see "Admission to the Teacher Education Program"). Completion of this option and a passing score on the Education Technology Competency Test will qualify students for the Idaho standard secondary teaching certification with a professional-technical Family and Consumer Sciences endorsement. With minimal additional course work, students can qualify for other teaching endorsements.

Art 100 Visual Art (3 cr)

Comm 101 Fundamentals of Public Speaking (2 cr)

Econ 201 Principles of Economics (3 cr)

ED 201 Diverse Learners in Schools and Social/Cultural Contexts (3 cr)

ED 301 Principles of Learning and Development in Education (3 cr)

ED 302 Curriculum, Instruction, and Assessment Strategies (3 cr)

ED 328 Introduction to Educational Technology (2 cr)

EDTE 463 Literacy Methods for Content Learning (3 cr)

FCS 105 Individual and Family Development (3 cr)

FCS 170 Food: Science and Practice (3 cr)

FCS 205 Concepts in Human Nutrition (3 cr)

FCS 234 Infancy and Early Childhood or FCS 334 Middle Childhood-Adolescence (3 cr)

FCS 251 Survey of FCS Professions (1 cr)

FCS 270 Intermediate Foods (3 cr)

FCS 346 Personal and Family Finance and Management (4 cr)

FCS 350 Curriculum Development in Family and Consumer Sciences Ed (3 cr)

FCS 428 Housing America's Families (3 cr)

FCS 351 Administration of FCCLA Organizations (2 cr)

FCS 440 Contemporary Family Relationships (3 cr)

FCS 448 Consumer Economic Issues (3 cr)

FCS 461 Methods & Strategies in FCS Education (3 cr)

FCS 465 Introduction to FCS Internship (3 cr)
 FCS 469 Individualized Assessment and Instruction in the FCS Classroom (2 cr)
 FCS 470 Curriculum Portfolio in FCS Education (2 cr)
 FCS 471 Internship in Family and Consumer Sciences Ed (12 cr)
 Psyc 101 Introduction to Psychology (3 cr)
[PTTE 351 Principles and Philosophy of Professional-Technical Education \(3 cr\)](#)
 PTTE 445 Orientation to Teaching (3 cr)
 PTTE 461 Using Internet-Based Career Information in the Classroom (2 cr)
 Soc 101 Introduction to Sociology (3 cr)
 Stat 150 Introduction to Statistics or Stat 251 Principles of Statistics (3 cr)
 Two of the following courses (6 cr):
 FCS 123 Textiles (3 cr)
 FCS 223 Evaluation of Apparel and Textiles (3 cr)
 FCS 224 Apparel Design I (3 cr)
[Biology elective \(4 cr\)](#)
[Natural Sciences elective \(7-8 cr\)](#)
 Humanities elective (3 cr)

3. Change the curricular requirements of **Food and Nutrition** (B.S.F.C.S.) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3) and one of the following options:

A. Coordinated Program in Dietetics

Upon acceptance to the professional phase of the CPD during the second semester of the sophomore year, students must maintain a cumulative grade-point average of at least 2.80 to remain in and graduate from the program. Students must also obtain at least a B (80%) in all CPD courses required by the American Dietetic Association.

Acct 201 Introduction to Financial Accounting or Acct 202 Introduction to Managerial Accounting (3 cr)
 Biol 120 Human Anatomy (4 cr)
 Biol 121 Human Physiology (4 cr)
 Chem 101 Intro to Chemistry I or Chem 111 Principles of Chemistry I (4 cr)
 Chem 275, 276 Carbon Compounds and Lab (4 cr)
 Econ 201 or 202 Principles of Economics (3 cr)
 Engl 317 Technical Writing (3 cr)
 FCS 105 Individual and Family Development (3 cr)
 FCS 170 Food: Science and Practice (3 cr)
 FCS 205 Concepts in Human Nutrition (3 cr)
 FCS 270 Intermediate Foods (3 cr)
 FCS 305 Nutrition Related to Fitness and Sport (3 cr)
 FCS 361 Advanced Nutrition (3 cr)
 FCS 362 Introduction to Clinical Dietetics (4 cr)
 FCS 363 Diet Therapy (4 cr)
 FCS 364 Clinical Dietetics I (4 cr)
[FCS 365 Advanced Nutrition Lab \(1 cr\)](#)
 FCS 384 Quantity Food Production and Equipment (3 cr)
 FCS 385 Quantity Food Production Lab (2 cr)
 FCS 387 Food Systems Management (3 cr)
 FCS 388 Food Systems Management Lab (1 cr)
 FCS 405 Eating Disorders (2 cr)
 FCS 411 Global Nutrition (2 cr)
 FCS 472 Clinical Dietetics II (6 cr)
 FCS 473 Community Nutrition (4 cr)
 FCS 474 Food Research and Development (3 cr)
 FCS 485 Computer Applications in Food Administration (2 cr)
 FCS 486 Nutrition in the Life Cycle (4 cr)
 FCS 487 Management Supervised Practice I (2 cr)
 FCS 488 Management Supervised Practice II (6 cr)
 Math 143 Pre-calculus Algebra and Analytic Geometry (3 cr)
 MMBB 154, 155 Introductory Biology of Bacteria and Viruses and Lab (4 cr)
 MMBB 300 Survey of Biochemistry (3 cr)
 Psyc 101 Introduction to Psychology (3 cr)
 Soc 101 Introduction to Sociology (3 cr)
 Stat 251 Principles of Statistics (3 cr)
 Electives to total 132 cr for the degree

Fish and Wildlife Resources

1. Add the following courses [**Effective:** Summer 2005]
 WLF 396 Wilderness Research Internship (3 cr). Nine-week summer internship at UI Wilderness Field Station, located at Taylor Ranch in the heart of the Frank Church River of No Return Wilderness of central Idaho; research honorarium awarded; lodging and transportation to field station provided. Enrollment limited to 2-3 students based on available funding; competitive selection process by faculty committee based on research proposal, GPA, and resume. Prereq: Junior standing. (Summer only)
 Fish 483 Senior Project Presentation (1 cr). See For 483.

2. Change the description of the following courses [**Effective:** Summer 2005]

Fish **ID510 Advanced Fishery Management** (3 cr). WSU Biol 523. ~~Compensation as a phenomenon basic to exploitation; yield in numbers and weight; models of yield; stock recruitment functions; economic yield; application of theory of physical and economic yield to empirical examples in commercial and sport exploitation. One 5 day field trip.~~ Contemporary management of marine and freshwater fish and shellfish populations of the world. Approaches, factors, and models used to manage commercial, recreational and subsistence fisheries; and the policy interface of biological systems with governmental and social institutions. (Alt/yrs; spring only)

WLF **315 Wildlife Ecology I Laboratory** (1 cr). Techniques associated with wildlife research and local habitats and areas where wildlife species are present. Three hrs of lab a wk; ~~field exercises.~~one weekend field trip required. Two additional animal trapping sessions also required. Prereq or coreq: WLF 314. (Fall only)
3. Drop the following courses [**Effective:** Summer 2005]

WLF **441 Behavioral Ecology** (3 cr). Principles of behavioral ecology in animals (vertebrates and invertebrates); using extensive theoretical and empirical findings in ethology, sociobiology, evolution, and ecomorphology to focus on questions pertaining to animal adaptation and learning; scientific literature in behavioral ecology; link between behavioral ecology and wildlife conservation and management. Recommended Preparation: Biol 314. Prereq: For/Rnge 221 or perm. (Irregular offering)

WLF **443 Multi-Species Interactions** (3 cr). Compare and contrast competitive, host-parasite, predator-prey, and plant-herbivore interactions in terms of evolution, behavior, and population dynamics. Recommended Preparation: WLF 314 or equivalent. (Irregular offering)

WLF **ID547 Predator-Prey Relationships** (2 cr). WSU NATRS 547. Exploration of theoretical and empirical relationships between predators and prey. Prereq: perm. (Irregular offering)
4. Change the curricular requirements of **Wildlife Resources Minor** [**Effective:** Summer 2005]

For/Rnge 221 Natural Resources 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 441 Behavioral Ecology \(3 cr\)](#)
[WLF 445 Nongame Management \(2 cr\)](#)
 WLF 448 Fish and Wildlife Population Ecology (4 cr)
[WLF 482 Ornithology \(4 cr\)](#)
 WLF 492 Wildlife Management (4 cr)

Food Science & Toxicology

- Add the following courses [**Effective:** Summer 2005]
- FST **WS-J414/WS-J514 Evaluation of Dairy Products I** (1 cr). WSU FSHN 406/506. Credit not granted for both FSHN 414 and 514. (Spring only)
- FST **WS-J415/WS-J515 Evaluation of Dairy Products II** (1 cr). WSU FSHN 407/507. Credit not granted for both FSHN 415 and 515. Prereq: FST 414 or 514. (Fall only)

Foreign Languages

1. Add the following course subject fields [**Effective:** Summer 2005]

Modern Standard Arabic (Arbc)
 Italian (Ital)
2. Drop the following courses and subject field [**Effective:** Summer 2005]

Scandinavian (Scan)

Scan **WS101 First Semester Danish** (4 cr). *May be used as core credit in J-3-d.* WSU Scand 101.

Scan **WS102 Second Semester Danish** (4 cr). *May be used as core credit in J-3-d.* WSU Scand 102.

Scan **WS323 Masterpieces of Scandinavian Literature in Translation** (3 cr, max 6). WSU Scand 323.
3. Change the following vertically-related courses [**Effective:** Summer 2005]

Vertically-related courses in this subject field are: [Arbc 101-102](#); [Chin 101-102-201-202](#); [Fren 101-102 \(or 104\)-201-202](#); [Germ 101-102-201-202](#); [Grek 341-342-441-442](#); [Ital 101-102-201-202](#); [Japn 101-102-201-202](#); [Latn 101-102](#); [NezP 101-102-201-202](#); [Russ 101-102-2031-2072](#); [Span 101-102-201-202](#). In appropriate cases, with the approval of the chair of the Department of Foreign Languages and Literatures, any one of the following courses may be considered the terminal course in the vertical sequence: [Chin 307](#); [Fren 301-302](#); [Germ 301-302](#); [Russ 307-308](#); [Span 301-302](#). Any upper-division Latin literature course may be used to receive vertically-related course credit for [Latn 101-102](#).
4. Add the following cooperative courses [**Effective:** Summer 2005]

Arbc **ID101-ID102 Elementary Modern Standard Arabic I & II** (4 cr). WSU ForL 100-200 An elementary level course designed to facilitate students' acquisition of basic proficiency in communication within culturally significant contexts. Students learn Modern Standard Arabic language skills in an environment integrating interactive video distance learning and classroom instruction. Alphabet and

writing system, pronunciation, vocabulary, and functional grammar. Greater emphasis on oral and written expression in second semester. (101: fall only; 102: spring only)

Ital **WS101-WS102** Elementary Italian I & II (4 cr) WSU Ital 101-102.

Ital **WS105** Elementary Conversation (1 cr, max 2) WSU Ital 105.

Ital **WS201-WS202** Intermediate Italian I & II (4 cr) WSU Ital 203-204. Prereq: Ital 102 or equiv.

Ital **WS205** Intermediate Conversation (1 cr, max 2) WSU Ital 205. Prereq: Ital 102 or equiv.

5. Add the following course [**Effective:** Summer 2005]

FLEN **421 Women in Cinema: The International Scene** (3 cr). International, cross-cultural examination of genre, structure, and style of films by women directors. Recommended Preparation: An introductory course in film studies. (Fall, Alt/yrs)

6. Change the number of the following courses [**Effective:** Summer 2005]

Chin ~~WS203~~ **WS201 Chinese Third Semester** (4 cr). (~~Chin WS203~~). *May be used as core credit in J-3-d.* WSU Chin 203.

Russ ~~WS203~~ **WS201 Third Semester Russian** (4 cr). (~~Russ WS203~~). *May be used as core credit in J-3-d.* WSU Rus 203.

Russ ~~WS207~~ **WS202 Fourth Semester** (4 cr) (~~Russ WS207~~). *May be used as core credit in J-3-d.* WSU Russ 204. Recommended Preparation: Russ 203

Change the cooperative status of the following courses [**Effective:** Summer 2005]

Span **ID307 Hispanic Film** (3 cr). *May be used as core credit in J-3-d.* WSU Span 391. Genre, structure, and style of representative fiction and nonfiction films of Spain and Latin America. May be taken concurrently with Span 202 with perm of instructor; may not receive credit for both Span 307 and FLEN 391.

Japn **ID&WS101-ID&WS102 Elementary Japanese I-II** (4 cr). *May be used as core credit in J-3-d.* WSU Japn 101-102.

Japn **ID&WS201-ID&WS202 Intermediate Japanese I** (4 cr). *May be used as core credit in J-3-d.* WSU Japn 203, 204.

7. Change the curricular requirements of **Foreign Language** (B.A.) [**Effective:** Summer 2005]

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

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

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B. Classical Studies Option

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C. Computer Science Option

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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- and 400 level French courses (20 cr)~~

~~400 level French courses (minimum) (3 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) (16 cr)

E. German Option

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F. Latin Option

....

G. Spanish Option

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Forest Products

1. Add the following courses [**Effective:** Summer 2005]

ForP **483 Senior Project Presentation** (1 cr). See For 483.

2. Change the curricular requirements of **Forest Products** (B.S.For.Prod.) [**Effective:** Summer 2005]

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

~~No more than 25 percent of the course work used for the forest products degree may be taken in business courses (excluding Econ 201 and 202). Of the 128 credits required, at most 32 credits taken in business courses may be counted toward the degree.~~

A. Wood Construction and Design Option

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Acct 202 Introduction to Managerial Accounting (3 cr)
Arch 154 Introduction to Architectural Graphics (2 cr)
Arch 253 Architectural Design I (3 cr)
Arch 254 Architectural Design II (3 cr)
Arch 266 Materials and Methods (3 cr)
Arch 366 Building Technology I (3 cr)
Arch 463-464 Environmental Control Systems (8 cr)
Arch 475 Professional Practice I (3 cr)
BLaw 265 Legal Environmental of Business (3 cr)
Comm 101 Fundamentals of Public Speaking (2 cr)
Econ 202 Principles of Economics (3 cr)
Engl 102 College Writing and Rhetoric (3 cr)
Engl 313 Business Writing or Engl 317 Technical Writing (3 cr)
For 235 Society and Natural Resources (3 cr)
ForP 100 Forest Products Issues and Industries (1 cr)
ForP 277 Wood Structure and Identification (3 cr)
ForP 337 Physical and Mechanical Properties of Wood (3 cr)
ForP 365 Wood Building Technology (3 cr)
ForP 436 Wood Composites (3 cr)
ForP 437 Wood as a Structural Material (2 cr)
ForP 444 Lumber Manufacturing (3 cr)
ForP 450 Wood Deterioration and Preservation (2 cr)
ForP 490 Biomaterial Product and Process Development (2 cr)
ForP 491 Biomaterial Product and Process Development Lab (1 cr)
LArc 383 Architectural Site Design (3 cr)
Math 160 Survey of Calculus (4 cr)
NR 101 Exploring Natural Resources (1 cr)
Phys 111 General Physics I (4 cr)
Stat 251 Principles of Statistics (3 cr)
Vtd 344 Computer-Aided Design (2 cr)

~~And one of the following emphasis areas:~~

~~**Architecture Technology Emphasis:**~~

~~Arch 353-354 Architectural Design III-IV (40 cr)
Electives chosen from the following (9 cr):
Arch 476 Professional Practice II (3 cr)
Art 111-112 Drawing I-II (5 cr)
Bus 321 Marketing (3 cr)
Bus 412 Human Resource Management (3 cr)
Bus 414 Entrepreneurship (3 cr)
Bus 427 Services Marketing (3 cr)
ForP 230 Forest Harvesting Field Measurements (2 cr)
For 320 Dendrology (3 cr)
ID 151 Introduction to Interior Design (3 cr)
ID 152 Interior Design I (3 cr)
LArc 268 Landscape Construction I (2 cr)
LArc 389 History of Landscape Architecture (3 cr)
Electives to total 128 credits for the degree~~

~~**Construction Business Emphasis:**~~

~~Acct 381 Accounting for Managers and Investors (3 cr)
Bus 311 Introduction to Management (3 cr)
Electives chosen from the following (9 cr):
ForP 230 Forest Harvesting Field Measurements (2 cr)
ForP 477 Forest Products Business Management (3 cr)
Bus 261 Real Estate (3 cr)
Bus 321 Marketing (3 cr)
Bus 362 Real Property Appraisal (3 cr)
Bus 364 Insurance (3 cr)
Bus 412 Human Resource Management (3 cr)
Bus 414 Entrepreneurship (3 cr)
Bus 427 Services Marketing (3 cr)
For 320 Dendrology (3 cr)
LArc 268 Landscape Construction I (2 cr)
Electives to total 128 credits for the degree~~

B. Timber Harvesting Option

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Chem 101 Introduction to Chemistry I (4 cr)

Comm 101 Fundamentals of Public Speaking (2 cr)
Econ 202 Principles of Economics (3 cr)
Engl 102 College Writing and Rhetoric (3 cr)
Engl 313 Business Writing or Engl 317 Technical Writing (3 cr)
For/Rnge/WLF 221 Natural Resources Ecology (3 cr)
For/RRT 235 Society and Natural Resources (3 cr)
For 274 Forest Measurement Techniques (1 cr)
For 394 Quantitative Resource Analysis (3 cr)
For 474 Forest Inventory (3 cr)
ForP 100 Forest Products Issues and Industries (1 cr)
ForP 230 Forest Harvesting Field Measurements (2 cr)
ForP 277 Wood Structure and Identification (3 cr)
ForP/RRT/Rnge/For/Fish/WLF 302 Wildland Field Ecology (2 cr)
ForP 336 Introduction to the Pulp and Paper Industry (1 cr)
ForP 337 Physical and Mechanical Properties of Wood (3 cr)
ForP 430 Forest Engineering and Harvesting (3 cr)
ForP 431 Production and Cost Control in Forest Industry (3 cr)
ForP 432 Low Volume Forest Roads (3 cr)
ForP 433 Forest Tractor System Analysis (3 cr)
ForP 434 Cable Systems Analysis (3 cr)
ForP 444 Lumber Manufacturing (3 cr)
ForP 450 Wood Deterioration and Preservation (2 cr)
ForP/For/RRT/Rnge/WLF/Fish 470 Interdisciplinary Natural Resource Planning (3 cr)
NR 101 Exploring Natural Resources (1 cr)
Phys 211 Engineering Physics I (4 cr)
Soil 205 The Soil Ecosystem (3 cr)
Stat 251 Principles of Statistics (3 cr)
And one of the following emphasis areas:

Technical Emphasis

BAE 351 Hydrology (3 cr)
CE 316 Advanced and Route Surveys or For 375 Airphoto Interpretation and Mapping (3 cr)
Engr 210 Engineering Statics (3 cr)
Engr 220 Engineering Dynamics (3 cr)
[Engr 350 Engineering Mechanics of Materials \(3 cr\)](#)
Math 170, 175 Analytic Geometry and Calculus I, II (8 cr)
[Math 310 Ordinary Differential Equations \(3 cr\)](#)
Electives to total 128 cr for the degree

Resource Emphasis

Biol 115 Cells and the Evolution of Life (4 cr)
For 320 Dendrology (3 cr)
For 424 Silviculture II (2 cr)
For 462 Watershed Management (2 cr)
[For 466 Diseases and Insects of Woody Plants \(3 cr\)](#)
For 375 Airphoto Interpretation and Mapping (3 cr)
Math 160 Survey of Calculus or Math 170 Analytic Geom and Calculus I (4 cr)
Electives to total 128 cr for the degree

3. Change the curricular requirements of the **Forest Products Minor** [Effective: Summer 2005]
For students in business, engineering, forestry, or vocational education who wish to gain specific background and knowledge related to the forest products industry.

[ForP 250 Principles of Forest Products \(2 cr\)](#)
[ForP 230 Forest Harvesting Field Measurements \(2 cr\)](#)
ForP 277 Wood Structure and Identification (3 cr)
ForP 430 Forest Engineering and Harvesting (3 cr)
Electives in forest products (10 cr)

Forest Resources

1. Add the following courses [Effective: Summer 2005]
For **516 Current Literature in the Hydrologic Effects of Forest Management** (1 cr). Evaluation and discussion of how management activities affect hydrologic processes and flow regimes in forested watersheds. Seminar based on primary literature. May take only once. (Spring only, Alt/yr)

For **529 Forest Ecosystem Analysis** (3 cr). Forest ecosystem processes and analysis from the leaf to the landscape scale; techniques for measuring forest ecosystem attributes; integration with forest management. Field trip required. (Fall only)

For **551 Current Literature in Forest Ecology/Tree Physiology** (1 cr, max arr). Review recent articles in Forest Ecology and Physiology journals. Students choose, critically review, and discuss the articles to develop critical-thinking skills and confidence in their knowledge of the literature. Graded P/F.

For **552 Current Literature in Remote Sensing** (1 cr, max arr). Review recent articles in remote sensing journals. Students choose, critically review, and discuss the articles to develop critical-thinking skills and confidence in their knowledge of the literature. Graded P/F.

For **553 Current Literature in Genetics and Ecology** (1 cr, max arr). Review recent articles in genetics and ecology journals. Students choose, critically review, and discuss the articles to develop critical-thinking skills and confidence in their knowledge of the literature. Graded P/F.

2. Change the credits, description, and prerequisites of the following course [**Effective:** Summer 2005]
For **424 Forest Dynamics and Management** (24 cr). Integrated methods and techniques for sustainable management of forest ecosystems including, stand and disturbance dynamics, regeneration, exercises in forest assessment, forest modeling and communicating management guidelines. This course will be accelerated and completed in the first 13 weeks of the semester to take advantage of the good weather for field exercises. Field trips required. One 4-hour lec/lab and one 4.5-hr lec/lab a wk. Prereq: For 320 or For 330, and Biol 341 or For 320.
3. Change the description of the following course [**Effective:** Summer 2005]
For **429 Landscape Ecology** (2 cr). Same as Rnge 429. Ecological relationships and conservation issues for biotic communities across the landscape, in watersheds, including spatial and temporal dynamics and patterns, and importance of landscapes in maintenance of ecosystem diversity and function. One or more field trips. Prereq: For/Rnge/WLF 221. (Spring only)
4. Change the number, description, and prerequisite of the following course [**Effective:** Summer 2005]
For **481/483 Senior Project Presentation** (1 cr). (For 481) Same as CSS/Fish/ForP/Rnge/WLF 483. Reporting and presenting the senior project (thesis or internship); taken after or concurrently with 485 or 497. Prereq: For 480.
5. Change the title of the following course [**Effective:** Summer 2005]
For **221 Natural Resources Ecology** (3 cr) Same as Rnge 221. Principles of ecology. Major topics covered in the course include the physical environment, how organisms interact with each other and their environment, evolutionary processes, population dynamics, communities, energy flow and ecosystems, conservation biology, and human influences on ecosystems. Recommended preparation: introductory botany and zoology (i.e. Biol 213). Prereq: Biol 115 or 116, or perm.
6. Drop the following course [**Effective:** Summer 2005]
For **480 Senior Project Planning** (1 cr). Planning, writing, and talking about a proposed senior project (thesis or internship); taken before or concurrently with 485 or 497. Prereq: Sr standing.
Equivalent Course: Fish/CSS/For/ForP/Rnge/RRR/Wlf 497 or 485 (1 cr)

Health, Physical Education, Recreation and Dance

1. Remove the cooperative status of the following courses [**Effective:** Summer 2005]
H&S **ID&WS466 Athletic Training Evaluation** (3 cr). WSU Ath T 466. Advanced injury evaluation theory and techniques in athletic training. Prereq: H&S 245 or perm. (Fall only)

H&S **ID&WS467 Athletic Training Rehabilitation** (3 cr). WSU Ath T 467. Advanced injury rehabilitation theory and techniques in athletic training. Prereq: H&S 245 and 466, or perm. (Spring only)

H&S **ID&WS468 Athletic Training Modalities** (3 cr). WSU Ath T 468. Advanced theory and techniques of modality use in athletic training. Prereq: H&S 245 or perm. (Fall only)

H&S **ID&WS469 Athletic Training Organization and Administration** (3 cr). WSU Ath T 469. The organization and administration of athletic training programs. Prereq: H&S 245 or perm. (Spring only, alt/yrs)
2. Change the curricular requirements of **Dance** (B.S.Dan.) [**Effective:** Summer 2005]
The curriculum leading to the degree of Bachelor of Science in Dance is designed to give the student professional training in teaching, performing, choreography, and concert production.

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

Dan 101 First Year/Transfer Student Orientation (1 cr)
Dan 216/416 Technique (must include a minimum of 4 semesters each of ballet, modern, and jazz and 2 semesters (2 cr) of Repertory) (16 crs. min)
Dan 112 Recreational Dance Forms (2 cr)
Dan 210 Dance Theatre (2 semesters) (4 cr)
Dan 212 Dance Theatre Choreography (2 cr)
Dan 320 Labanotation (3 cr)
Dan 321 Dance Pedagogy (3 cr)
Dan 325 Dance Production (3 cr)
Dan 360 Children's Dance (2 cr)
Dan 384 Dance Composition I (3 cr)
Dan 385 Dance Composition II (3 cr)
Dan 410 Pre-professional Dance Theatre (2 semesters) (4 cr)
Dan 412 Dance Theatre Choreography (2 semesters) (2 cr)
Dan 421 Dance History (3 cr)
Dan 422 Labanalysis (3 cr)
Dan 490 Senior Project (3 cr)
PEP 201 Fitness Activities and Concepts (2 cr)
PEP 300 Applied Human Anatomy and Biomechanics (2 cr)

PEP 360 Motor Behavior (3 cr)

~~TheF 320 Theatre Management (2 cr)~~

Two of the following courses (2 cr):

MusA 114 Individual Instruction (voice or piano) (1 cr, max arr)

MusA 145-146 Piano Class (1 cr)

MusA 147-148 Voice Class (1 cr)

MusA 149-150 Voice for Actors (1 cr, max arr)

MusA 365 Chamber Ensemble (1 cr, max arr)

One of the following courses (2-3 cr):

Dan 325 Dance Production (3 cr)

TheF 105 Basics of Performance (3 cr)

TheF 202 Costume Design I (3 cr)

TheF 205 Lighting Design I (3 cr)

TheF 320 Theatre Management (2 cr)

Electives to total 128 cr for the degree

3. Change the curricular requirements of **Athletic Training** (B.S.P.E.) [Effective: Summer 2005]

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Required course work includes the university requirements (see regulation J-3), 20 credits of other requirements in the Division of Health, Physical Education, Recreation and Dance that support the athletic training major (see the division director for necessary courses in the university requirements and other division requirements), and the following course work:

FCS 305 Nutrition Related to Fitness and Sport (3 cr)

H&S 150 Wellness Lifestyles (3 cr)

H&S 245 Introduction to Athletic Injuries (3 cr)

H&S 288 First Aid: Emergency Response (2 cr)

H&S 289 Drugs in Society (2 cr)

H&S 350 Stress Management and Mental Health (2 cr)

H&S 390 Athletic Training High School Clinical Experience (1 cr)

H&S 391 Athletic Training Sports Medicine Clinical Experience (1 cr)

H&S 392 Athletic Training General Medical & Orthopedic Clinical Experience (1 cr)

H&S 412 Emergency Response Instructorship (1 cr)

~~H&S 436 Health Promotion Program Planning (3 cr)~~

H&S 466 Athletic Training Evaluation (3 cr)

H&S 467 Athletic Training Rehabilitation (3 cr)

H&S 468 Athletic Training Modalities (3 cr)

H&S 469 Athletic Training Organization and Administration (3 cr)

H&S 470 Seminar in Athletic Training (2 cr)

PEB 105 Dance: Step Aerobics or Aerobics/Body Toning (1 cr)

PEB 106 Individual and Dual Sports: Weight Training (1 cr)

PE activity/skill classes (see division director for selection) (2 cr)

PEP 101 Introduction to Athletic Training (1 cr)

PEP 171 Athletic Training Clinical Experience I – Observation (1 cr)

PEP 201 Fitness Activities and Concepts (2 cr)

PEP 272 Athletic Training Clinical Experience II (1 cr)

PEP 273 Athletic Training Clinical Experience III (1 cr)

PEP 300 Applied Human Anatomy and Biomechanics (23 cr)

PEP 305 Applied Sports Psychology (3 cr)

PEP 360 Motor Behavior (3 cr)

PEP 371 Athletic Training Clinical Experience IV (1 cr)

PEP 372 Athletic Training Clinical Experience V (1 cr)

PEP 380 Measurement and Evaluation (2 cr)

PEP 418 Physiology of Exercise (3 cr)

PEP 455 Design & Analysis of Research in HPERD (3 cr)

PEP 471 Athletic Training Clinical Experience VI (2 cr)

PEP 472 Athletic Training Clinical Experience VII (2 cr)

PEP 475 Moral Reasoning in Sport (2 cr)

PEP 493 Fitness Assessment and Prescription (3 cr)

Rec 110 Recreation for People with Disabilities or Rec 330 Recreational Therapy Programming for People with Disabilities or

PEP 424 Physical Education for Special Populations (2-3 cr)

Rec 431 Medical Terminology (2 cr)

~~Rec 446 Professional Seminar (1 cr)~~

Electives to total 128 cr for the degree

History

Add the following courses [Effective: Summer 2005]

Hist **J425/J525 Immigration and Ethnicity in the United States** (3 cr). Survey of the history of American immigration from the era of colonization to the present. Course will investigate the process of immigration and adaptation to life in the United States, as well as the reaction to immigrants by native-born Americans. Course will consider how immigrants fit within the larger framework of American identity and help define what it means to be "American." Additional assignments required for graduate credit. Recommended Preparation: Hist 111 and 112. (Alt/yr)

Hist **J459/J559 World Wars, 1900-1950** (3 cr). This course examines the two world wars that dominated the first half of the 20th century and continued to influence the second. Arguably, the wars were the most important factor in shaping contemporary society and

consciousness. The course will examine military history of campaigns and battles, origins and aftermath of both wars, the inter-war period, and will consider the social, political, economic, and cultural ramifications. Additional work required for graduate credit. Recommended Preparation: Hist 101 and 102, or Hist 111 and 112. (Alt/yr)

Hist **J460/J560** **Conspiracies and Secret Societies in History** (3 cr). The notion that human affairs are shaped by conspiratorial and occult forces bent on the achievement of secret agendas has attained wide currency. The idea that the world is governed by powerful, unseen forces has a long history that this course will explore. Recommended Preparation: Additional work required for graduate credit. Hist 101 and 102. (Alt/yr)

Hist **J481/J581** **America's Wars in Asia** (3 cr). Focus on the three wars the United States fought in Asia between 1941 and 1975—the Pacific Theater of World War II, the Korean War, and the Vietnam War. Emphasis on military, diplomatic, political, and cultural developments. Perspectives from all sides explored. Additional work required for graduate credit. Recommended Preparation: Hist 111 and 112. (Alt/yr)

Journalism and Mass Media

1. Change the recommended preparation and prerequisites of the following course [**Effective:** Summer 2005]
Jamm **322** **Broadcast News** (3 cr). News reporting for radio, television and the internet, emphasizing writing, editing, producing, and on-air performance skills; analysis of broadcast news practices. ~~Recommended Preparation: Jamm 270.~~ Prereq: Jamm 225 or 270, or perm.
2. Change the title and prerequisites of the following course [**Effective:** Summer 2005]
Jamm **475** ~~**Advanced Video/Television & Digital Media Thesis Production**~~ (3 cr). Thesis production and program content development for television, documentary, and narrative cinema. Combines advanced techniques, aesthetics, and craft of the overall broadcast production disciplines. Projects will be produced primarily within the digital environment. Final thesis work will be showcased at annual digital media festival. Prereq: ~~Jamm 275, 375~~ Sr standing and perm.

Landscape Architecture

1. Change the recommended preparation and prerequisites of the following courses [**Effective:** Summer 2005]
LArc **246** **Landscape Graphics II** (2 cr). Application of computer-based graphic technologies to the preparation of landscape architecture presentations in both plan, section/elevation and perspective rendering. ~~Recommended Preparation: Art 110, 111, and LArc 245.~~ Prereq: LArc major, LArc minor, ~~LArc 245~~, or perm. (Fall only)

LArc **269** **Landscape Construction II** (2 cr). Storm water management, grading swales, calculating runoff, sizing conveyance and detention basins. ~~Recommended Preparation: LArc 268 and Math 143.~~ Prereq: LArc ~~268~~ major, LArc minor, or perm.
2. Change the prerequisite of the following course [**Effective:** Summer 2005]
LArc **357** **Landscape Architecture II** (3 cr). Intermediate site planning and design problems that emphasize the analysis, development and presentation for urban, rural and regional housing and open space planning projects; introduction of senior case study. Selected field trips at student expense. Recommended Preparation: LArc 288, 289. Prereq: LArc 210, 245, 246, 260, 268, ~~and 269, and 356~~, or perm. (Fall only)
3. Change the title and class meeting information of the following course [**Effective:** Summer 2005]
LArc **361** **Landscape Architecture IVIII** (3 cr). Intermediate scale land planning and design problems that emphasize sustainable development practices for the urban and rural environment with a focus on the integration of wetland ecology planning, storm water management and wildlife habitat with an emphasis on the use of indigenous plant materials for restoration and rehabilitation. Selected field trips at student expense. Recommended Preparation: LArc 288 and 289. Prereq: LArc 260, 268, and 269. ~~-(Spring only)~~
4. Change the title, prerequisite, and class meeting information of the following course [**Effective:** Summer 2005]
LArc **362** **Landscape Architecture IVIII** (3 cr). Intermediate scale land planning and design problems that emphasize sustainable development practice with a focus on landscape restoration, the application of visual analysis using GIS and the use of indigenous plant materials for restoration and rehabilitation. Selected field trips at student expense. Recommended Preparation: LArc 288, 289. Prereq: LArc 268, ~~and 269 and 364~~, or perm. ~~-(Spring only)~~
5. Change the number, title, and description of the following course [**Effective:** Summer 2005]
LArc ~~**385**~~**395** **GIS Primer in Land Planning** (3 cr). ~~(LArc 385) Intro to the theory and applications of geographic information systems (GIS), lab exercises on PC-based GIS package, and guest lecturers from industry and governmental agencies. A primer on geographic information systems (GIS) applied to land planning with lab exercises using state-of-the-art GIS software. Three hours of lec-lab per week.~~ Three hrs of lec-lab a wk.
6. Change the title and prerequisite of the following course [**Effective:** Summer 2005]
LArc **459** **Landscape Architecture IVIII** (6 cr). Design development and the preparation of contract documents. Selected field trips at student expense; attendance at outside events (lectures, symposiums, films). Prereq: LArc 268, 269, ~~357, 368, and 369~~; and either LArc 357 and 362, or LArc 357 and 364, or LArc 362 and 364; or perm.
Changing the prerequisites for LArc 459 enables the student to register for the LArc 364 Summer Studio in Italy as a substitute for 6 credits of the required 12 credits of studio required during the Spring and Fall Semester.
7. Change the title, description, and class meeting information of the following course [**Effective:** Summer 2005]
LArc **460** **Landscape Architecture IVIII** (6 cr). ~~Student critique~~Case study of a professional landscape architectural project; completion of a comprehensive project(s) demonstrating mastery in areas of land planning and/or design, plant materials, construction, graphics, and computer applications. Prereq: LArc 459. ~~-(Spring only)~~
8. Change the number and description of the following course [**Effective:** Summer 2005]

LArc ~~490~~**495 Computer-Aided Regional Landscape Planning** (3 cr). (~~LArc 490~~) ~~Open to all majors. Study of techniques and Advanced~~ methods for regional-scale landscape planning using ~~ARC/INFO~~, a state-of-the-art geographic information system (GIS) ~~software~~; application of ecological principles and land use analysis; emphasis on use of GIS as tool for landscape planning and management. Prereq: LArc ~~385~~**395** or Geog 385 or perm.

Microbiology, Molecular Biology, and Biochemistry

1. Add the following courses [**Effective:** Summer 2005]
MMBB 255 General Microbiology Laboratory (2 cr). Training in the handling of microscopes, basic lab equipment, and manipulation of microbes. Two 2-hr labs per week. Prereq or coreq: MMBB 250.

MMBB J471/J571 Advanced Pathogenesis: Host-Pathogen Interactions (3 cr). How pathogens modify, disrupt or utilize cellular functions for their own purposes and the significance of these interactions in terms of both pathogenesis and host-cell biology. Pathogens that will be examined include viruses, bacteria, parasites, fungi and protozoa. Students will learn how to critically evaluate the scientific literature, develop hypotheses and design experiments to test these hypotheses. Students will gain a working knowledge of techniques currently being used to study host-pathogen interactions. Additional oral and/or written assignments will be required for graduate level credit. Recommended Preparation: MMBB 412 and 432. Prereq: MMBB 380 or 442/542 or equiv or perm. (Fall only)

MMBB 507 Master's Degree Rotation (1 cr). Incoming MS students receive a grade for laboratory rotations. The grade is based on performance in the laboratory and on a public seminar at the end of the rotation semester. Recommended Preparation: Undergraduate degree in Microbiology, Biochemistry or related topic.

MMBB 511 Research and Curriculum Progress (1 cr, max arr). Required of all graduate students one semester per year. The grade is based on preparation of an oral and written presentation of research goals and coursework for the completion of the degree. A letter grade is assigned by committee members at the time of the student's graduate committee meeting. Recommended Preparation: Undergraduate degree in Microbiology, Biochemistry or related topic.

MMBB 607 Doctoral Degree Rotation (1 cr). Incoming PhD students receive a grade for laboratory rotations. This class cannot be repeated for credit. The final grade is based on performance in the laboratory and on a public seminar at the end of the rotation semester. Rotation students are assigned to the department head. Recommended preparation: undergraduate degree in microbiology, biochemistry or related topic. Prereq: Enrollment in a doctoral program.

2. Change the credits of the following course [**Effective:** Summer 2005]
MMBB 250 General Microbiology (~~5~~**3** cr). Introduction to nature and activity of bacteria and other microorganisms; their importance in all life systems. Three hrs of lec ~~and two 2-hr labs a per~~ wk. Prereq: Chem 101 or 111. (~~Fall only~~)
3. Add the following courses to the Natural and Applied Science core [**Effective:** Summer 2005]
MMBB 250 General Microbiology (3 cr). *May be used as core credit in J-3-b.* Introduction to nature and activity of bacteria and other microorganisms; their importance in all life systems. Three hrs of lec per wk. Prereq: Chem 101 or 111. (Fall only)
MMBB 255 General Microbiology Laboratory (2 cr). *May be used as core credit in J-3-b.* Training in the handling of microscopes, basic lab equipment, and manipulation of microbes. Two 2-hr labs per week. Prereq or coreq: MMBB 250.
4. Change the grading mode of the following courses [**Effective:** Summer 2005]
MMBB 398 (s) Internship (1-3 cr, max 3). Supervised internship in professional, non-University of Idaho settings, integrating academic study with work experience in the fields of microbiology, molecular biology or biochemistry; requires formal written plan of activities to be approved by academic advisor and departmental head before engaging in the work; a final report will be evaluated by on-campus faculty. ~~Graded P/F~~—Prereq: perm.
MMBB 498 (s) Internship (1-3 cr, max 3). See MMBB 398 for description. ~~Graded P/F~~—Prereq: perm.
5. Change the curricular requirements of **Microbiology** (B.S.Microbiol.) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3), the general requirements for the B.S. degree if applicable, and:

Biol 210 Genetics or Gene 314 General Genetics (3-4 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 Organic Chemistry I (3 cr)
 Chem 278 Organic Chemistry I: Lab (1 cr)
 Chem 372 Organic Chemistry II (3 cr)
 Engl 317 Technical Writing or Engl 207 Persuasive Writing or Engl 208 Personal and Exploratory Writing or Engl 209 Inquiry-Based Writing (3 cr)
 Math 160 Survey of Calculus or Math 170 Analytic Geometry and Calculus I (4 cr)
 MMBB 154 Introductory Microbiology (3 cr)
 MMBB 250 General Microbiology (~~5~~**3** cr)
~~MMBB 255 General Microbiology Laboratory (2 cr)~~
 MMBB 380 Introductory Biochemistry (4 cr)
 MMBB 400 Seminar (1 cr)
 MMBB 440 Advanced Laboratory Techniques ~~or MMBB 401 Undergraduate Research~~ (4 cr)

Phys 111 General Physics I ~~or Phys 211 Engineering Physics I~~ (4 cr)
 Phys 112 General Physics II ~~or Phys 212 Engineering Physics II~~ (4 cr)
 Stat 251 Principles of Statistics (3 cr)

At least two of the following microbiology electives (5-6 cr):

- MMBB 409 Immunology (3 cr)
- MMBB 412 Pathogenic Microbiology (3 cr)
- ~~MMBB 414 General Virology (3 cr)~~
- MMBB 416 Food Microbiology (2 cr)
- ~~MMBB 420 Epidemiology (3 cr)~~
- MMBB 425 Microbial Ecology (3 cr)
- ~~MMBB 432 Virology (3 cr)~~
- MMBB 460 Microbial Physiology (3 cr)
- ~~MMBB 468 Microbial Transformations (3 cr)~~

At least one of the following molecular biology electives (2-3 cr):

- ~~MMBB 422 Cellular and Molecular Basis of Disease (3 cr)~~
- MMBB 450 Molecular Mechanisms in Microbiology (2 cr)
- ~~MMBB 471 Advanced Pathogenesis: Host-Pathogen Interactions (3 cr)~~
- ~~MMBB 475 Molecular Biology of Cells (3 cr)~~
- ~~MMBB 482 Protein Structure and Function (3 cr)~~
- MMBB 485 Prokaryotic Molecular Biology (3 cr)
- ~~MMBB 486 Plant Biochemistry (3 cr)~~
- MMBB 487 Eukaryotic Molecular Genetics (3 cr)
- ~~MMBB 488 Genetic Engineering (3 cr)~~

~~Humanities and social sciences electives (14 cr)~~

~~Science electives (6 cr)~~

Total 128 cr for the degree

Note for double majors in molecular biology and biochemistry, and in microbiology: Elective courses used as required courses for one degree cannot be used as a science elective in the second degree.

5. Change the curricular requirements of **Molecular Biology and Biochemistry** (B.S.M.B.B.) [Effective: Summer 2005]
Required course work includes the university requirements (see regulation J-3) and:

- Biol 115 Cells and the Evolution of Life (4 cr)
- Biol 210 Genetics (4 cr) or Gene 314 General Genetics (3 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 Organic Chemistry I (3 cr)
- Chem 278 Organic Chemistry I: Lab (1 cr)
- ~~Chem 302 Principles of Physical Chemistry (3 cr)~~
- Chem 372 Organic Chemistry II (3 cr)
- Chem 376 Organic Chemistry II: Lab for Chemistry Majors (2 cr)
- Engl 317 Technical Writing or Engl 207 Persuasive Writing or Engl 208 Personal and Exploratory Writing or Engl 209 Inquiry-Based Writing (3 cr)
- Math 160 Survey of Calculus or Math 170 Analytic Geometry and Calculus I (4 cr)
- MMBB 250 General Microbiology (~~3~~5 cr)
- ~~MMBB 255 General Microbiology Laboratory (2 cr)~~
- MMBB 380-~~382~~ Introductory Biochemistry ~~and Lab (6~~4 cr)
- ~~MMBB 382 Introductory Biochemistry Laboratory (2 cr)~~
- MMBB 400 Seminar (1 cr)
- MMBB 440 Advanced Laboratory Techniques or MMBB 401 Undergraduate Research (4 cr)
- MMBB 442 Biochemistry and Molecular Biology (3 cr)
- ~~MMBB 476 Biophysical Chemistry (3 cr)~~
- MMBB 488 Genetic Engineering (3 cr)
- Phys 111 General Physics I or Engineering Physics I (4 cr)
- Phys 112 General Physics II or Engineering Physics II (4 cr)
- Stat 251 Principles of Statistics (3 cr)
- ~~One~~Two of the following physiology electives (~~3-4~~5-6 cr):
 - Biol 311 Plant Physiology (4 cr)
 - MMBB 460 Microbial Physiology (3 cr)
 - MMBB 475 Molecular Biology of Cells (3 cr)
- One of the following molecular biology and biochemistry electives (2-3 cr):
 - MMBB 409 Immunology (3 cr)
 - MMBB 412 Pathogenic Microbiology (3 cr)
 - ~~MMBB 422 Cellular and Molecular Basis of Disease (3 cr)~~
 - ~~MMBB 432 Virology (3 cr)~~
 - MMBB 450 Molecular Mechanisms in Microbiology (2 cr)
 - ~~MMBB 470 Advanced Pathogenesis: Host Pathogen Interactions (3 cr)~~
 - ~~MMBB 482 Protein Structure and Function (3 cr)~~
 - MMBB 485 Prokaryotic Molecular Biology (3 cr)
 - MMBB 486 Plant Biochemistry (3 cr)
 - MMBB 487 Eukaryotic Molecular Genetics (3 cr)
- Science electives (12 cr)
- Total 128 cr for the degree

~~Note for double majors in molecular biology and biochemistry and in microbiology: Elective courses used as required courses for one degree cannot be used as a science elective in the second degree.~~

6. Drop the following courses [Effective: Summer 2005]

MMBB **WS403 Introductory Biochemistry** (4 cr). WSU BCBP 364

MMBB **WS414 General Virology** (3 cr). WSU MBios 442. The biology of bacterial, animal, and plant viruses.

MMBB **WS415 General Virology Laboratory** (2 cr). WSU MBios 443. Lab techniques concerning cultivation and characterization of viruses. Prereq: perm.

MMBB **WS426 Immunology** (3 cr). WSU MBioS 440.

MMBB **WS428 Basic and Applied Microbial Physiology** (3 cr). WSU MBioS 450.

MMBB **WS512 Immunology** (4 cr). WSU MBioS 540. The immune system at the animal, cellular, and molecular levels.

MMBB **WS529 Molecular Techniques in Microbiology** (3 cr). WSU MBioS 506. Current molecular biology techniques applied to DNA and protein isolation and characterization; southern and western blots, PCR, PAGE, computer cloning. Prereq: graduate-level biochemistry or molecular biology course or perm.

MMBB **WS565-WS566 Molecular Biology I-II** (3 cr). WSU MBioS and GenCB 503/504.

MMBB **WS570 Special Projects in Electron Microscopy** (2-3 cr). WSU E MIC 586.

MMBB **WS578 Molecular Biology Computer Techniques** (4 cr). WSU MBioS 578.

MMBB **WS584 Special Topics in Electron Microscopy** (1 cr). WSU E MIC 587. Graded P/F.

7. Change the cooperative status for the following courses [**Effective:** Summer 2005]
 - MMBB **ID380 Introductory Biochemistry** (4 cr). ~~WSU MBioS 303~~—Carries one credit after MMBB 300. Introduction to the structure, function, and metabolism of major constituents of living systems. Three hrs lec and one hr with interactive problem solving. Prereq: Chem 101 or 111, and 277. Recommended preparation: Chem 253 and 372.
 - MMBB **ID382 Introductory Biochemistry Laboratory** (2 cr). ~~WSU MBioS 304~~—Lab training in modern methods. One 3-hr lab and one 1-hr recitation a wk. Prereq: Chem 101 or 111, and 278. Prereq or coreq: MMBB 380 or equiv.
 - MMBB **ID416 Food Microbiology** (2 cr). ~~WSU FSHN and MBioS 444~~—See FST ID416.
 - MMBB **ID417 Food Microbiology Laboratory** (2 cr). ~~WSU FSHN 417 and MBioS 445~~—See FST ID417.
 - MMBB **ID-J468/ID-J568 Microbial Transformations** (3 cr). ~~WSU MBioS 544~~—Use of microbes in the biodegradation of wastes and bioprocessing to produce valuable chemical stocks. Extra oral and/or written assignments reqd for grad cr. Prereq: MMBB 380, J460/J555.
 - MMBB **ID537 Soil Biochemistry** (3 cr). ~~WSU SoilS 537~~—See Soil 537.
 - MMBB **ID&WS541 Biochemistry** (3 cr). Same as Chem 541. ~~WSU MBioS 513 and V Ph 541~~—Max 7 cr in any combination of MMBB 380, 480, 541, and 542. Intermediate biochemistry; intro to metabolism and the chemical and physical properties of biomolecules. Prereq: Chem 372; MMBB 380 or coreq: Chem 302 or 306; or perm.
 - MMBB **ID568 Microbial Transformations** (3 cr). See MMBB J468/J568.

Music

1. Add the following courses [**Effective:** Summer 2005]
 - MusA **J125/J325/J525 Symphonic Band** (1 cr). Open to all students. Three rehearsals per week. Prereq: Audition and perm. (Spring only)
 - MusH **330 History of Music Theatre** (3 cr). A study of the development of American musical theatre. Students will analyze the forms and styles of representative works. May not be counted as a required music history elective for music majors. Prereq: MusH 101 or MusH 111, with a grade of C or better, or perm. (Alt/hrs)
 - MusH **J450/J550 Orchestral Literature** (2 cr). Open to all students. Survey of standard orchestral literature. Additional assignments required for graduate students. Prereq: MusH 322, 323, and Jr standing, or perm. (Spring only)
2. Change the prerequisites of the following courses [**Effective:** Summer 2005]
 - MusA **490 Half Recital** (0 cr). For students required to have one-half recital. Graded P/F. Prereq: audition and must be enrolled in at least the second semester of MusA 324 or MusA 334 Individual Instruction and perm. Coreq: MusA 324 or 334.
 - MusA **491 Recital** (0 cr). For students required to have a full recital. Graded P/F. Prereq: audition and must be enrolled in at least the third semester of MusA 324 or MusA 334 Individual Instruction and perm. Coreq: MusA 334.
3. Drop the following dormant course [**Effective:** Summer 2005]
 - MusT **505 Curriculum Development** (3 cr). Scope and sequence of musical experience in public schools through curriculum development.
4. Change the curricular requirements of **Music: Theory** (B.A. or B.S.) [**Effective:** Summer 2005]

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

MusA 114 Individual Instruction (4 cr)
 MusA 145-146, 245-246 Piano Class (4 cr)
 MusA 314 Individual Instruction (one instrument/voice) (4 cr)
 MusC 139-140, 239-240 Aural Skills (6 cr)
 MusC 141-142, 241-242 Theory of Music (10 cr)
 MusC 442 Musical Analysis (2 cr)
 MusC 480 Senior Thesis in Music Theory I (1 cr)
 MusC 481 Senior Thesis in Music Theory II (1 cr)
 MusH 111 Introduction to Music Literature (3 cr)
 MusH 321, 322, 323 Music in Western Civilization (9 cr)
 MusX 101 Orientation for Music Majors (0 cr)
 MusX 140 Convocation (seven semesters) (0 cr)
 Upper-division MusC electives (~~8~~4 cr)
 MusA ensembles (in eight different semesters) (~~6~~8 cr)
 Electives to total 128 cr for the degree (incl at least ~~71~~72 cr in non-music courses)

5. Change the curricular requirements of **Music: Applied Music** (B.A. or B.S.) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3), the CLASS requirements for the B.A. or B.S. degree, and:

MusA 124 Individual Instruction (major instrument or voice) (8 cr)
 MusA 145-146, 245-246 Piano Class (4 cr)
 MusA 324 Individual Instruction (major instrument or voice) (8 cr)
 MusA 490 Half Recital (0 cr)
 MusC 139-140, 239-240 Aural Skills (6 cr)
 MusC 141-142, 241-242 Theory of Music (10 cr)
 MusH 111 Introduction to Music Literature (3 cr)
 MusH 321, 322, 323 Music in Western Civilization (9 cr)
 MusX 101 Orientation for Music Majors (0 cr)
 MusX 140 Convocation (seven semesters) (0 cr)
 MusA ensembles (in eight different semesters) (see "Ensemble Participation" above for requirements) (8 cr)
 Electives to total 128 cr for the degree (including at least ~~73~~72 cr in non-music courses)

6. Change the curricular requirements of **Music: History and Literature** (B.A. or B.S.) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3), the CLASS requirements for the B.A. or B.S. degree, and:

MusA 114 Individual Instruction (4 cr)
 MusA 145-146, 245-246 Piano Class (4 cr)
 MusA 314 Individual Instruction (one instrument/voice) (4 cr)
 MusC 139-140, 239-240 Aural Skills (6 cr)
 MusC 141-142, 241-242 Theory of Music (10 cr)
 MusH 111 Introduction to Music Literature (3 cr)
 MusH 321, 322, 323 Music in Western Civilization (9 cr)
 MusH 480 Senior Thesis in Music History I (1 cr)
 MusH 481 Senior Thesis in Music History II (1 cr)
 MusX 101 Orientation for Music Majors (0 cr)
 MusX 140 Convocation (seven semesters) (0 cr)
 Upper-division MusH electives (6 cr)
 Upper-division MusC elective (2 cr)
 MusA ensembles (in eight different semesters) (8 cr)
 Electives to total 128 cr for the degree (including a least ~~70~~74 cr in nonmusic courses)

7. Change the curricular requirements of **Music: Instrumental Performance** (B.Mus.) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3) and the specific requirements in one of the two sections below. It is strongly recommended and in some cases required that instrumentalists elect pedagogy courses appropriate to their major fields.

A. KEYBOARD

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B. ORCHESTRAL INSTRUMENTS OR GUITAR

Note: MusT 435 Pedagogy and Materials: Guitar (2 cr) and MusH 451 Repertoire: Guitar (2 cr), isare required of guitar majors. All other orchestral instrument majors are required to take MusH 450 Orchestral Literature. Saxophone majors may take MusH 410 History of Jazz in place of MusH 450.

MusA 134 Individual Instruction (12 cr)
 MusA 145-146, 245-246 Piano Class (4 cr)
 MusA 334 Individual Instruction (12 cr)
 MusA 387 Conducting I (2 cr)
 MusA 490 Half Recital (0 cr)
 MusA 491 Recital (0 cr)
 MusC 139-140, 239-240 Aural Skills (6 cr)

MusC 141-142, 241-242 Theory of Music (10 cr)
 MusC 331 Counterpoint (3 cr)
 MusC 442 Musical Analysis (2 cr)
 MusH 111 Introduction to Music Literature (3 cr)
 MusH 321, 322, 323 Music in Western Civilization (9 cr)
[MusH 450 Orchestral Literature](#) or MusH 451 Repertoire (2 cr)
 MusX 101 Orientation for Music Majors (0 cr)
 MusX 140 Convocation (seven semesters) (0 cr)
 MusH elective at the 400-level (3 cr)
 Major ensemble (eight different semesters chosen from MusA 121/321 Concert Band, 122/322 Orchestra, [125/325 Symphonic Band](#), or 320 Wind Ensemble.) (4 cr in four different semesters reqd for guitar majors, who may also choose from MusA 116/316 Concert Choir - Vandaleers, 117/317 University Chorus, 119/319 Marching Band) (8 cr)
 Chamber music (two different semesters chosen from MusA 323 Jazz Ensemble, 365 Chamber Ensemble) (4 cr in four different semesters of MusA 365: Guitar Ensemble, reqd for guitar majors) (2 cr)
 Music electives to complete 84 cr in music (4-6 cr)
 Electives to total 128 cr for the degree

Students may also complete an optional Emphasis in Jazz Performance by completing the following course work (15 cr):

MusA 210 Jazz Improvisation (2 cr)
 MusC 329 Theoretical Basis of Jazz (2 cr)
 MusH 410 Studies in Jazz History (3 cr)
 Electives in ensembles, combos, or applied study (8 cr)

8. Change the curricular requirements of **Music: Composition** (B.Mus.) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3) and:

MusA 114 Individual Instruction (if major performing medium is other than piano, piano is suggested for the minor area) (2 cr)

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MusH elective at the 400-level (3 cr)
 Major ensemble (eight different semesters chosen from MusA 116/316 Concert Choir - Vandaleers, 117/317 University Chorus, 119/319 Marching Band, 121/321 Concert Band, 122/322 Orchestra, [125/325 Symphonic Band](#), or 320 Wind Ensemble) (8 cr)

Chamber music (two different semesters chosen from MusA 118/318 Jazz Choir, 323 Jazz Ensemble, 365 Chamber Ensemble) (one semester of MusA 315, Accompanying, is reqd of students whose major applied medium is keyboard) (2 cr)

Music electives to complete 84 cr in music (4 cr)

Electives to total 128 cr for the degree

Students may also complete an optional Emphasis in Jazz Composition/Arranging by completing the following course work (15 cr):

MusA 210 Jazz Improvisation (2 cr)
 MusC 204 Special Topics: Jazz Arranging (2 cr)
 MusC 329 Theoretical Basis of Jazz (2 cr)
 MusH 410 Studies in Jazz History (3 cr)
 Electives in composition, arranging, ensembles, or combos (6 cr)

9. Change the curricular requirements of **Music: Business** (B.Mus.) [**Effective:** Summer 2005]
 Required course work includes the university requirements (see regulation J-3) and:

Acct 201 Introduction to Financial Accounting [and Acct 202 Introduction to Managerial Accounting, or Acct 205 Fundamental of Accounting](#) (3-4-6 cr)

[Acct 202 - Introduction to Managerial Accounting](#) (3-cr)

Bus 301 Financial Management (3 cr)

Bus 311 Introduction to Management (3 cr)

Bus 321 Marketing (3 cr)

....

10. Change the curricular requirements of **Music Education: Instrumental** (B.Mus.) [**Effective:** Summer 2005]
 NOTE: For registration in upper-division courses in education, students must have been admitted to the teacher education program and maintain a GPA of 2.75. For admission criteria, refer to "Admission to the Teacher Education Program" in the College of Education section of Part 4.

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

Comm 101 Fundamentals of Public Speaking (2 cr)

....

Major ensembles (six different semesters) (6 cr)*

Other ensembles (two different semesters chosen from MusA 119/319 Marching Band, 121/321 Concert Band, 122/322 Orchestra, [125/325 Symphonic Band](#), or 320 Wind Ensemble, 323 Jazz Ensemble, 365 Chamber Ensemble) (students whose major applied medium is keyboard must select MusA 315 Accompanying to satisfy this requirement) (2 cr)

Electives to total 128 cr for the degree

Students may also complete an optional Emphasis in Jazz Education by completing the following course work (15 cr):

MusA 210 Jazz Improvisation (2 cr)
 MusC 204 Special Topics: Jazz Arranging (2 cr)
 MusC 329 Theoretical Basis of Jazz (2 cr)
 MusH 410 Studies in Jazz History (3 cr)

MusT 465 Jazz Band Rehearsal Techniques (1 cr)
Electives in ensembles, combos, or applied study (5 cr)

* The major ensemble requirement must be completed in six different semesters; **wind and percussion majors** must register for three different semesters of MusA 119/319 Marching Band and three different semesters of MusA 121/321 Concert Band, [125/325 Symphonic Band](#), or 320 Wind Ensemble. **Wind and percussion majors** may, by audition, substitute two semesters of MusA 122/322 Orchestra for [320 Wind Ensemble](#) or MusA 121/321 Concert Band, [125/325 Symphonic Band](#) or [320 Wind Ensemble](#). **String majors** must register for six different semesters of MusA 122/322 Orchestra and one semester of MusA 119/319 Marching Band. **Keyboard majors** must enroll in one semester of MusA 119/319 Marching Band. They may enroll in large vocal ensembles to satisfy the remaining major ensemble requirements. **Wind, percussion, keyboard, and string majors** must have a total of four semesters of major ensemble participation (as defined above) at UI.

11. Change the curricular requirements of **Music Education: Vocal-Instrumental** (B.Mus.) [Effective: Summer 2005]

NOTE: For registration in upper-division courses in education, students must have been admitted to the teacher education program and maintain a GPA of 2.75. For admission criteria, refer to "Admission to the Teacher Education Program" in the College of Education section of part four of this catalog.

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

Comm 101 Fundamentals of Public Speaking (2 cr)

....

Major ensembles (six different semesters)* (6 cr)

Major ensembles (two different semesters chosen from MusA 116/317 Concert Choir - Vandaleers, 117/ 317 University Chorus) (2 cr)

Other ensembles (two different semesters chosen from MusA MusA 119/319 Marching Band, 121/321 Concert Band, 122/322

Orchestra, [125/325 Symphonic Band](#), or 320 Wind Ensemble, 323 Jazz Ensemble, 365 Chamber Ensemble) (students whose major applied medium is keyboard must select MusA 315 Accompanying to satisfy this requirement) (2 cr)

Electives to total 128 cr for the degree

* The major ensemble requirement must be completed in six different semesters; **wind and percussion majors** must register for three different semesters of MusA 119/319 Marching Band and three different semesters of MusA 121/321 Concert Band, [125/325 Symphonic Band](#), or 320 Wind Ensemble. **Wind and percussion majors** may, by audition, substitute two semesters of MusA 122/322 Orchestra for [320 Wind Ensemble](#) or MusA 121/321 Concert Band, [125/325 Symphonic Band](#) or [320 Wind Ensemble](#). **String majors** must register for six different semesters of MusA 122/322 Orchestra and one semester of MusA 119/319 Marching Band. **Keyboard majors** must enroll in one semester of MusA 119/319 Marching Band. They may enroll in large vocal ensembles to satisfy the remaining major ensemble requirements. **Wind, percussion, and string majors** must have a total of four semesters of major ensemble participation (as defined above) at UI.

Natural Resources

1. Change the title and credits of the following course [Effective: Summer 2005]

Fish/For/ForP/Rnge/RRT/Wlf **485 Natural Resources Ecology and Conservation Biology Internship-Senior Project (23 cr)**.

Same as Fish/ForP/For/RR/WLF 485. Professional work experience in natural resources ecology and conservation biology; learning objectives and a specific plan for the internship experience must be developed in For 480 before starting the internship; after completing the internship, students will prepare oral and written presentation of their work experience in For 481. Prereq or coreq: For 480.

2. Change the curricular requirements of **Ecology and Conservation Biology** (B.S.Ecol.-Cons.Biol.) [Effective: Summer 2005]

Biol 115 Cells and the Evolution of Life (4 cr)

Biol 116 Organisms and Environments (4 cr)

Biol 213 Principles of Biological Structure and Function (4 cr)

Biol 341 Systematic Botany or For 320 Dendrology (3 cr)

Chem 101 Introduction to Chemistry I or 111 Principles of Chemistry I (4 cr)

Comm 101 Fundamentals of Public Speaking (2 cr)

[CSS/Fish/For/ForP/Rnge/WLF 483 Senior Project Presentation \(1 cr\)](#)

Econ 202 Principles of Economics (3 cr)

Engl 317 Technical Writing (3 cr)

[Fish/For/RR/WLF 302 Wildland Field Ecology \(2 cr\)](#)

Fish/For/ForP/Rnge/RRT/WLF 497 Senior Thesis or Fish/For/ForP/Rnge/RRT/WLF 485 Natural Resources Ecology and Conservation Biology Internship (2 cr)

For/Rnge 221 Natural Resources Ecology (3 cr)

For/RR 235 Society and Natural Resources (3 cr)

For 383 Economics for Natural Resource Managers or RRT 383 Resource Economics for Environmental Policymaking or AgEc

451 Land and Natural Resource Economics or Econ 385 Environmental Economics (3 cr)

For 470 Interdisciplinary Natural Resource Planning (3 cr)

[For 480 Senior Project Planning \(1 cr\)](#)

[For 481 Senior Project Presentation \(1 cr\)](#)

Math 160 Survey of Calculus or 170 Analytic Geometry and Calculus I (4 cr)

NR 101 Exploring Natural Resources (1 cr)

Stat 251 Principles of Statistics (3 cr)

And one of the following options:

A. Natural Resources Ecology Option

....

To graduate in this option, students must achieve a “C” or better in the following six core courses: Fish/For/Rnge/RRT/WLF 200, For 330, For 429, Soil 205/206, and WLF 316 or Fish 316.

Fish/For/Rnge/RRT/WLF 200 Seminar (1 cr)
For 330 Forest Ecosystem Processes (3 cr)
For 429 Landscape Ecology of Forests and Rangelands (2 cr)
Phys 100 Fundamentals of Physics or Phys 111 General Physics I (4 cr)
Soil 205/206 The Soil Ecosystem and Lab (4 cr)
Wlf 316 Wildlife Ecology II (4 cr) or Fish 316 Principles of Population Dynamics (2 cr)
Quantitative Resource Analysis Restricted Electives (two courses from the following) (5-6 cr):
For 375 Airphoto Interpretation and Mapping (3 cr)
For 472 Remote Sensing of Environment (3 cr)
For 474 Quantitative Resource Analysis (3 cr)
Geog 385 GIS Primer (3 cr)
Math 437 Mathematical Biology (3 cr)
Rnge 357 Rangeland and Riparian Habitat Assessment (3 cr)
RRT 310 Social Research Methods in Conservation (4 cr)
Stat 401 Statistical Analysis (3 cr)
Stat 422 Sample Survey Methods (2 cr)
Stat/GeoE 428 Geostatistics (3 cr)
WLF 448 Fish & Wildlife Population Ecology (4 cr)
Resource Management Restricted Electives (one course from the following):
Fish 418 Fisheries Management (4 cr)
For 424 Forest Dynamics and Management (2 cr)
For 462 Watershed Science and Management (2 cr)
Rnge 354 Wildland Vegetation Management and Restoration (3 cr)
Rnge 454 Rangeland Weed Management (3 cr)
Rnge 456 Integrated Rangeland Management (3 cr)
RRT 385 Conservation Management and Planning I (3 cr)
RRT 490 Wilderness and Protected Area Management (3 cr)
RRT 496 Monitoring Impacts in Protected Areas and Wilderness (3 cr)
WLF 445 Nongame Management (2 cr)
WLF 492 Wildlife Management (4 cr)
Ecology restricted electives ~~_(three courses from the following) (8-10 cr)~~ at least 2 credits from Fish 314, Fish 430, Fish 435, For 423, Rnge 459, and/or WLF 315) (10 cr):
Biol 421 Advanced Evolution/Population Dynamics (3 cr)
Biol 478 Animal Behavior (3 cr)
Ent 472 Aquatic Entomology (3 cr)
Fish 314 Fish Ecology (3 cr)
Fish 415 Limnology (4 cr)
Fish 430 Riparian Ecology and Management (3 cr)
Fish 435 Wetland Ecology and Management (3 cr)
For 423 Forest Community Ecology (1 cr)
For 426 Wildland Fire Management and Ecology (3 cr)
For 466 Diseases and Insects of Woody Plants (3 cr)
MMBB 425 Microbial Ecology (3 cr)
PISc 410 Biology of Weeds (3 cr)
Rnge 440 Wildland Restoration Ecology (3 cr)
Rnge 459 Rangeland Ecology (3 cr)
WLF 314 Wildlife Ecology I (3 cr)
WLF 315 Wildlife Ecology I Lab (1 cr)
WLF 440 Conservation Biology (3 cr)
Social/political restricted electives (one courses from the following):
Comm 331 Conflict Management (3 cr)
For 484 Forest Policy and Administration (2 cr)
Geog 420 Land, Resources, and Environment (3 cr)
Geog 444 Environmental Assessment (3 cr)
Hist 424 American Environmental History (3 cr)
Phil 452 Environmental Philosophy (3 cr)
PolS 464 Politics of the Environment (3 cr)
RRT 481 Conservation Leadership (3 cr)
RRT 486 Public Involvement in Natural Resource Management (3 cr)
RRT 489 Personalities and Philosophies in Conservation (2 cr)
RRT 493 International Land Preservation and Conservation Systems (3 cr)
Electives to total 128 credits for the degree

B. Conservation Biology Option

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To graduate in this option, students must achieve a “C” or better in the following seven core courses: Biol 421, Fish/For/Rnge/RRT/WLF 200, For 429, Phil 452, RRT 493, Fish or WLF 316, and WLF 440.

Biol 421 Advanced Evolution/Population Dynamics (3 cr)
Fish/For/Rnge/RRT/WLF 200 Seminar (1 cr)
For 429 Landscape Ecology of Forests and Rangelands (2 cr)
Phil 452 Environmental Philosophy (3 cr)
RRT 493 International Land Preservation and Conservation Systems (3 cr)

Wlf 316 Wildlife Ecology II or Fish 316 Principles of Population Dynamics (2-4 cr)
WLF 440 Conservation Biology (3 cr)
Quantitative Resource Analysis Restricted Electives (two courses from the following):
For 375 Airphoto Interpretation and Mapping (3 cr)
For 472 Remote Sensing of Environment (3 cr)
For 474 Quantitative Resource Analysis (3 cr)
Geog 385 GIS Primer (3 cr)
Math 437 Mathematical Biology (3 cr)
Rnge 357 Rangeland and Riparian Habitat Assessment (3 cr)
RRT 310 Social Research Methods in Conservation (4 cr)
Stat 401 Statistical Analysis (3 cr)
Stat 422 Sample Survey Methods (2 cr)
Stat/GeoE 428 Geostatistics (3 cr)
WLF 448 Fish & Wildlife Population Ecology (4 cr)
Resource Management Restricted Electives (one course from the following):
Fish 418 Fisheries Management (4 cr)
For 424 Forest Dynamics and Management (2 cr)
For 462 Watershed Science and Management (2 cr)
Rnge 354 Wildland Vegetation Management and Restoration (3 cr)
Rnge 454 Rangeland Weed Management (3 cr)
Rnge 456 Integrated Rangeland Management (3 cr)
RRT 385 Conservation Management and Planning I (3 cr)
RRT 490 Wilderness and Protected Area Management (3 cr)
RRT 496 Monitoring Impacts in Protected Areas and Wilderness (3 cr)
WLF 445 Nongame Management (2 cr)
WLF 492 Wildlife Management (4 cr)
Ecology restricted electives (at least 2 credits from Fish 314, Fish/Rnge 430, Fish/Rnge 435, For 423, Rnge 459, and/or WLF 315) (6 cr); (two courses)-(4-7 cr):
Biol 478 Animal Behavior (3 cr)
Ent 472 Aquatic Entomology (3 cr)
Fish 314 Fish Ecology (3 cr)
Fish 415 Limnology (4 cr)
Fish/Rnge 430 Riparian Ecology and Management (3 cr)
Fish/Rnge 435 Wetland Ecology and Management (3 cr)
For 330 Forest Ecosystem Processes (3 cr)
For 423 Forest Community Ecology (1 cr)
For 426 Wildland Fire Management and Ecology (3 cr)
For 466 Diseases and Insects of Woody Plants (3 cr)
MMBB 425 Microbial Ecology (3 cr)
PISc 410 Biology of Weeds (3 cr)
Rnge 440 Wildland Restoration Ecology (3 cr)
Rnge 459 Rangeland Ecology (3 cr)
WLF 314 Wildlife Ecology I (3 cr)
WLF 315 Wildlife Ecology I lab (3 cr)
Organismal biology restricted elective (one course from the following):
Biol/Ent 211 Insect Biology (4 cr)
Biol 481/Fish 411 Ichthyology (4 cr)
Biol 483 Mammalogy (3 cr)
Rnge 353 Rangeland Plant Identification and Ecology (3 cr)
Wlf 482 Ornithology (3 cr)
Social/political restricted electives (one course from the following):
Comm 331 Conflict Management (3 cr)
For 484 Forest Policy and Administration (2 cr)
Geog 420 Land, Resources, and Environment (3 cr)
Geog 444 Environmental Assessment (3 cr)
Hist 424 American Environmental History (3 cr)
PolS 464 Politics of the Environment (3 cr)
RRT 486 Public Involvement in Natural Resource Management (3 cr)
RRT 489 Personalities and Philosophies in Conservation (2 cr)
Electives to total 128 credits for the degree

Naval Science

Add the following course [Effective: Summer 2005]

NS ID&WS103 **Introduction to Naval Science Laboratory** (1 cr). WSU NS 103. Practical instruction for introduction to Naval Service. Graded P/F. Prereq: NS 101. (Fall only)

Philosophy

1. Add the following courses [Effective: Summer 2005]

Phil ID&WS480 **INPC Seminar** (3 cr). WSU Phil 490. Focused study of the topic of the annual Inland Northwest Philosophy Conference with guest instruction by scholars from the conference.

Phil ID&WS510 **Seminar in the History of Philosophy** (3 cr, max 6). WSU Phil 510. Systematic exploration of the central works of an individual philosopher or philosophical movement.

2. Change the title of the following course [**Effective:** Summer 2005]
Phil ~~425~~ **Feminism and Philosophy and Feminism** (3 cr). *May be used as core credit in J-3-d.* Analysis of schools of feminist theory and impact of feminism on philosophy and other disciplines.
3. Change the cooperative status of the following courses [**Effective:** Summer 2005]
Phil ~~ID&WS522~~ **Seminar in Metaphysics** (3 cr) WSU Phil 522. The nature of reality, through study of key concepts such as God, personhood, free will, causation, space, time, and identity.

Phil ~~ID&WS524~~ **Seminar in Epistemology** (3 cr) WSU Phil 524. Classical problems, questions, and theories involving the concept of knowledge.
4. Change the number of the following course [**Effective:** Summer 2005]
Phil ~~WS530~~~~535~~ **Advanced Biomedical Ethics** (3 cr) (~~Phil 530~~) WSU Phil 530.
5. Change the recommended preparation of the following courses [**Effective:** Summer 2005]
Phil ~~ID&WS442~~ **Philosophy of Mind** (3 cr). *May be used as core credit in J-3-d.* WSU Phil 442. Survey of current philosophical theories of the nature of minds and mental states, including forms of dualism, reductive physicalism, functionalism, and eliminative materialism. Recommended Preparation: Phil 202 and 240.

Phil ~~ID&WS443~~ **Philosophy of Language** (3 cr). *May be used as core credit in J-3-d.* WSU Phil 443. Philosophical thinking about meaning, reference, and truth. Recommended Preparation: Phil 202 and 240.

Phil ~~ID&WS446~~ **Metaphysics** (3 cr). WSU Phil 446. Classical and contemporary readings on such items as realism versus nominalism, free will and determinism, the nature of causality, the existence of God, personal identity, modality. Recommended Preparation: Phil 202 and 240.

Phil ~~ID&WS447~~ **Theory of Knowledge** (3 cr). WSU Phil 447. Analysis of the nature of knowledge; survey of various philosophical positions on the sources and extent of what we know. Recommended Preparation: Phil 202 and 240.

Phil ~~ID&WS470~~ **Philosophy of Law** (3 cr). *May be used as core credit in J-3-d.* WSU Phil 470. Analysis of fundamental philosophical issues in law and legal systems, including the nature of law, relation of law to morality, judicial method, and nature and ascription of rights. Recommended Preparation: Phil 103.

Plant, Soil and Entomological Sciences

1. Change the number of the following course [**Effective:** Summer 2005]
PISc ~~203~~~~205~~ **General Botany** (4 cr). (~~PISc 203~~) Growth, development and ecology of plants, fungi, and protists in relation to their environments. Recommended Preparation: Chem 101 and PISc 102. Prereq: Biol 115. (Spring only)
2. Add the following courses to the Natural and Applied Science core [**Effective:** Summer 2005]
Soil ~~205~~ **The Soil Ecosystem** (3 cr). May be used as core credit in J-3-b. Introduction to the physical, chemical, and biological nature of soils. Prereq: Chem 101 or satisfy prereq for Chem 111.

Soil ~~206~~ **The Soil Ecosystem Lab** (1 cr). May be used as core credit in J-3-b. Lab study relevant to Soil 205. Experiments and demonstrations on basic and applied aspects of soil science. One 3-hr lab per week. Coreq: Soil 205.
3. Change the number and recommended preparation of the following course [**Effective:** Summer 2005]
PISc ~~202~~~~300~~ **Plant Propagation** (3 cr). (~~PISc 202~~) Sexual and asexual propagation techniques of herbaceous and woody ornamental plants; propagation methods covered including seed, cuttings, layering, grafting, and cloning/tissue culture. Two lec and one 3-hr lab a wk. Recommended Preparation: PISc 102, ~~201~~, or Biol 115. (Alt/yr)
4. Change the title, description, prerequisite, and class meeting information of the following course [**Effective:** Summer 2005]
PISc ~~401~~ **Crop Physiology**~~Plant Growth & Development~~ (3 cr). Application of ~~physiology to crop management~~physiological principles to the management of plants in agronomic, horticultural, and forest systems. Prereq: ~~Biol 311~~PISc 205. (~~Alt/yr~~)(Spring only)
5. Change curricular requirements of **Horticultural and Crop Science** (B.S.Pl.Sc.) [**Effective:** Summer 2005]
All students enrolled in the Horticultural and Crop Science Degree must take the following courses in addition to their option requirements:

Biol 115 Cells and the Evolution of Life (4 cr)
Biol 213 Principles of Biological Structure and Function or PISc 205 General Botany (4 cr)
Biol 311 Plant Physiology or PISc 401 Plant Growth & Development (3-4 cr)
Chem 101 Introduction to Chemistry I or Chem 111 Principles of Chemistry I (4 cr)
Chem 275, 276 Carbon Compounds and Lab or Chem 277, 278 Organic Chemistry I and Lab (4 cr)
Comm 101 Fundamentals of Public Speaking (2 cr)
Engl 313 Business Writing or Engl 317 Technical Writing (3 cr)
Ent 322 Economic Entomology or Ent 211 Insect Biology (3-4 cr)
Gene 314 General Genetics (3 cr)
Math 143 Pre-calculus Algebra and Analytic Geom or Math 160 Survey of Calculus (3-4 cr)
MMBB 154, 155 Introductory Microbiology (3 cr) or MMBB 250, ~~255~~ General Microbiology (4-5 cr)
MMBB 300 Survey of Biochemistry or MMBB 380 Introductory Biochemistry (4 cr)
PISc 102 The Science of Plants in Agriculture (3 cr)
PISc 338 Weed Control (3 cr)
PISc 398 Internship or 499 Directed Study (3 cr)

PISc 400 Seminar (1 cr)
PISc 415 Plant Pathology (3 cr)
[PISc 416 Plant Pathology Laboratory \(1 cr\)](#)
PISc 438 Pesticides in the Environment (3 cr)
Stat 251 Principles of Statistics (3 cr)
Soil 205, 206 The Soil Ecosystem and Lab (4 cr)
Soil 446 Soil Fertility (3 cr)
Ecology Elective (2-3 cr)

A. Crop Management Option

....
Specialization Courses (12 cr)
Accounting
Animal and Veterinary Sciences
Agricultural Economics
Biology
Business
Business law
Chemistry
Computer related courses
Economics
Entomology
[Environmental Science](#)
Foreign language (4 credit maximum)
Forestry
Landscape architecture
Molecular biology/biochemistry
Physics
Plant science
Range
Soils

Electives to total 128 credits for the degree

B. Horticultural Plant Production Option

....
Specialization Courses (12 cr)
Accounting
Animal and Veterinary Sciences
Agricultural Economics
Biology
Business
Business law
Chemistry
Computer related courses
Economics
Entomology
[Environmental Science](#)
Foreign language (4 credit maximum)
Forestry
Landscape architecture
Molecular biology/biochemistry
Physics
Plant science
Range
Soils

Electives to total 128 credits for the degree

C. Plant Protection Option

....
Specialization Courses (12-15 cr)
Accounting
Animal and Veterinary Sciences
Agricultural Economics
Biology
Business
Business law
Chemistry
Computer related courses
Economics
Entomology
[Environmental Science](#)
Foreign language (4 credit maximum)
Forestry
Landscape architecture
Molecular biology/biochemistry

Physics
Plant science
Range
Soils

Electives to total 128 credits for the degree

D. Urban Landscape and Turf Management Option

....

Specialization Courses (12 cr)

Accounting
Animal and Veterinary Sciences
Agricultural Economics
Biology
Business
Business law
Chemistry
Computer related courses
Economics
Entomology
Environmental Science
Foreign language (4 credit maximum)
Forestry
Landscape architecture
Molecular biology/biochemistry
Physics
Plant science
Range
Soils

Electives to total 128 credits for the degree

Political Science

1. Change the number of the following courses [Effective: Summer 2005]
 - PolS ~~434~~**331 American Political Parties and Elections** (3 cr). ([PoIS 431](#)). Development and present character of American political parties and of electoral system, functions of parties in periods of relative consensus and of critical choice regarding fundamental principles, party reform, and future prospects for party system.
 - PolS ~~432~~**332 American Congress** (3 cr). ([PoIS 432](#)). Roles and functions of Congress in the American political system, theories of representation, recruitment of legislators, Congressional organization and behavior, power structure, relationship to the executive, courts, interest groups, and public.
 - PolS ~~433~~**333 American Political Culture** (3 cr). ([PoIS 433](#)). Relation of public opinion and political action and affiliation to broad economic, social, religious, and intellectual developments.
 - PolS ~~460~~**360 Law and Society** (3 cr). ([PoIS 460](#)). *May be used as core credit in J-3-d.* Overview of legal reasoning and functions of law in society; emphasis on capacity of law to affect social change as well as ways in which law responds to social change.
2. Change the prerequisite of the following course [Effective: Summer 2005]
 - PolS ~~J437/J537~~ **437/J537 American Presidency** (3 cr). Roles, power, and functions of the presidency; relationships with other structures and institutions in the U.S. political system. Additional projects/assignments reqd for grad cr. [Prereq: Senior standing or perm.](#)
3. Add the following courses [Effective: **Summer 2005**]
 - PolS ~~J434/J534~~ **434/J534 American Lawmaking Institutions** (3 cr). An in-depth exploration of the Presidency, Congress and the Supreme Court, their political and structural histories and their interactions to form public policy in the United States. Additional projects/assignments reqd for grad cr. Recommended Preparation: PolS 101, 332, and 437. Prereq: Senior in good standing.
 - PolS ~~544~~ **544 Investigating International Relations** (3 cr). See PolS J444/J544.
4. Change the number and title of the following course [Effective: Summer 2005]
 - PolS ~~J438~~~~338~~~~J538~~ **438/J538 Conduct of American Foreign Policy** (3 cr). ([PoIS 438](#)). Analysis of how key decision makers, such as the President and Congress, convert inputs from the international, national, and societal systems into foreign policy outputs. Additional projects/assignments reqd for grad cr.
5. Drop the following course [Effective: Summer 2005]
 - PolS ~~538~~ **538 Conduct of American Foreign Policy** (3 cr). See PolS J438/J538.
6. Remove the joint listing for the following courses [Effective: Summer 2005]
 - PolS ~~J462/J562~~ **462/J562 Natural Resource Policy** (3 cr). *May be used as core credit in J-3-d.* [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. [Additional projects/assignments reqd for grad cr.](#)
 - PolS ~~562~~ **562 Natural Resource Policy** (3 cr). [See PolS J462/J562.](#) [Carries no credit after 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.](#)

7. Remove the joint listing and change the number of the following course [Effective: Summer 2005]
 PolS ~~J464/J564~~364 – **Politics of the Environment** (3 cr). *May be used as core credit in J-3-d.* Political factors that influence formation, implementation, and impact of public policies aimed at protecting the environment. ~~Additional projects/assignments reqd for grad cr.~~
8. Change the title and description of the following course [Effective: Summer 2005]
 PolS ~~564~~ **Politics of the Environmental Politics and Policy** (3 cr). ~~See PolS J464/J564. Political and institutional context for the formulation, implementation, and evaluation of U.S. environmental policy.~~

Psychology

1. Change the number, joint-listing and description of the following course [Effective: Summer 2005]
 Psyc ~~346~~~~J416/J516~~ **Industrial/Organizational Psychology** (3 cr). (~~Psyc 316~~) Application of psychological principles to the study of work behavior; includes topics such as personnel selection, performance appraisal, training, work motivation, teams, leadership, and job attitudes. ~~Additional work required for graduate credit.~~
2. Add the following courses [Effective: Summer 2005]
 Psyc **516 Industrial/Organizational Psychology** (3 cr). See Psyc J416/J516.
6. Add the following courses [Effective: Summer 2005]
 Comm **434 Advanced Dispute Management** (3 cr). Examination of third party roles, responsibilities, and processes in conflict management and survey of alternative dispute resolution techniques; focuses on theory and practices of facilitation, mediation and negotiation; involves demonstrations and simulations of facilitation, mediation, and negotiation. Can be counted toward certification by Idaho Mediation Association. Prereq: Comm 331 or perm. (Spring only)

 Psyc **535 Personnel Psychology** (3 cr). See Psyc J435/J535.
7. Change the title, description and recommended preparation of the following course [Effective: Summer 2005]
 Comm ~~431~~ **Professional Presentation Techniques Applied Business and Professional Communication** (3 cr). ~~Presentations designed to assist students in professional fields in making presentations to professional and lay audiences. Principles, skills development, and practical applications of public communication within business and other organizational contexts; emphasis on using media for creating business presentations and on the role of effective communication in career management and civic and community development. Recommended Preparation: Comm 101 and 235.~~
8. Change the curricular requirements of **Communication Studies** (B.A. or B.S.) [Effective: Summer 2005]
 Communication studies majors are required to take a sequence of courses that is intended to provide them with a comprehensive background in communication concepts, history, theory, and practice. ~~A 2.50 GPA or better is required for graduation with a degree in Communication Studies.~~ Majors are required to take:
 Comm 101 Fundamentals of Speech (2 cr)

Rangeland Ecology and Management

1. Add the following courses [Effective: Summer 2005]
 Rnge **429 Landscape Ecology** (2 cr). See For 429.

 Rnge **483 Senior Project Presentation** (1 cr). See For 483.
2. Change the description of the following courses [Effective: Summer 2005]
 Rnge **452 World Biomes: North American Ecosystems** (2 cr). A comprehensive survey and analysis of world biomes, which are continental-sized ecosystems. ~~Students will work on team projects with computer-based information technology (geographical information systems, digital media, and interactive multimedia programs) to analyze the structure and function of biomes. This will include a comprehensive analysis of the~~ **A systems ecology approach will be used to analyze the** interrelationships among the environment, flora and fauna, and the major human influences on biomes. ~~Computer-based information technology (geographical information systems, digital media, and interactive multimedia programs) will be used to analyze the structure and function of biomes.~~ Prereq: Biol 213, 314, Rnge 221, or perm.

 Rnge **ID560 Plant Ecophysiology** (3 cr). WSU NATRS 524. ~~Functional responses and~~ **Adaptations of individual plant species to their environment, emphasizing morphological and ecophysiological mechanisms that influence plant establishment, the physical environment, below- and above-ground productivity, and plant interactions such as competition, herbivory, and allelopathy.** Prereq: a course in general ecology (i.e. Rnge 221, Biol 311) and general botany, or perm. [<http://www.uidaho.edu/ecology>]. (Fall only)

 Rnge **570 World Biomes** (2 cr). A comprehensive survey and analysis of world biomes, which are continental-sized ecosystems. ~~Students will work on team projects with computer-based information technology (geographical information systems, digital media, and interactive multimedia programs) to analyze the structure and function of biomes. This will include a comprehensive analysis of the~~ **A systems ecology approach will be used to analyze the** interrelationships among the environment, flora and fauna, and the major human influences on biomes. ~~Computer-based information technology (geographical information systems, digital media, and interactive multimedia programs) will be used to analyze the structure and function of biomes.~~ Prereq: Biol 213, 314, Rnge 221, or perm. (Fall only)
3. Add the following courses [Effective: Summer 2005]
 Rnge **429 Landscape Ecology** (2 cr). See For 429.

 Rnge **483 Senior Project Presentation** (1 cr). See For 483.
 presentations for achievement of curricular objectives.

4. Change the description of the following courses [Effective: Summer 2005]

Rnge **452 World Biomes: North American Ecosystems** (2 cr). A comprehensive survey and analysis of world biomes, which are continental-sized ecosystems. ~~Students will work on team projects with computer based information technology (geographical information systems, digital media, and interactive multimedia programs) to analyze the structure and function of biomes. This will include a comprehensive analysis of the~~ **A systems ecology approach will be used to analyze the** interrelationships among the environment, flora and fauna, and the major human influences on biomes. **Computer-based information technology (geographical information systems, digital media, and interactive multimedia programs) will be used to analyze the structure and function of biomes.** Prereq: Biol 213, 314, Rnge 221, or perm.

Rnge **ID560 Plant Ecophysiology** (3 cr). WSU NATRS 524. **Functional responses and A**adaptations of individual plant species to their environment, emphasizing **morphological and ec**ophysiological mechanisms that influence plant establishment, the physical environment, below- and above-ground productivity, and plant interactions such as competition, herbivory, and allelopathy. Prereq: a course in general ecology (i.e. Rnge 221, Biol 311) and general botany, or perm. [<http://www.uidaho.edu/ecology>]. (Fall only).

Rnge **570 World Biomes** (2 cr). A comprehensive survey and analysis of world biomes, which are continental-sized ecosystems. ~~Students will work on team projects with computer based information technology (geographical information systems, digital media, and interactive multimedia programs) to analyze the structure and function of biomes. This will include a comprehensive analysis of the~~ **A systems ecology approach will be used to analyze the** interrelationships among the environment, flora and fauna, and the major human influences on biomes. **Computer-based information technology (geographical information systems, digital media, and interactive multimedia programs) will be used to analyze the structure and function of biomes.** Prereq: Biol 213, 314, Rnge 221, or perm. (Fall only)

Sociology, Anthropology, Justice Studies

Add the following courses [Effective: Summer 2005]

Anth **J429/J529 Society and Popular Culture** (3 cr). Anth 429 same as Soc 429. An advanced interdisciplinary survey of the contemporary study of popular culture and its forms. Reviews contemporary theoretical approaches, empirical studies, and representative examples of critical issues and various forms including texts, cultural practices, and material culture. Focus on critical analysis and understanding the significance of popular culture to society and students' everyday lives. Additional projects/assignments reqd for grad cr. Prereq: Soc 101. (Fall only)

Soc **429 Society and Popular Culture** (3 cr). See Anth J429/J529.

Teaching, Learning and Leadership

1. Add the following courses [Effective: Summer 2005]

EdAd **584 Bargaining/Mediation/Arbitration** (3 cr). For superintendent candidates. This course examines a bargaining model endorsed by state organizations and prepares the superintendent for collective bargaining and other dispute resolution models.

EdAd **585 Policies and Perspectives for Educational Leaders** (3 cr). For educational leaders, especially superintendents. This course examines interdisciplinary issues from business law, the art and other areas as pathways for personal reflection and renewal.

EDSP **520 Education of People with Disabilities** (3 cr). Introduction to the education of people with disabilities, primarily in the school setting. History and foundation of special education, areas of exceptionality, instructional practices, issues and trends and law and legislation as it applies to persons with disabilities. (Fall and Summer only)

2. Change the title of the following course [Effective: Summer 2005]

EdAd **ID&WS509 Educational ~~Administration~~Policy and Politics for Principals** (2-3 cr). WSU Ed Ad 580. Principles and problems of organization and administration of American education, including local, regional, and state systems.

3. Change the prerequisites of the following course [Effective: Summer 2005]

EDTE **327 Elementary Mathematics Education** (2 cr). Specific methods, research, curricula, and media in teaching elementary mathematics. Recommended Preparation: courses in the mathematics/science/physical education block. Prereq: Math 235-236, or Math 301.

4. Change the title and description of the following course [Effective: Summer 2005]

EDTE **512 ~~Program Development and Evaluation~~Standards, Assessment and Accountability** (3 cr). ~~Types of instructional systems, systematic educational program development, evaluation methods, issues in measurement and evaluation design.~~ **Examines the application of standards and data analysis as factors that influence school and district performance.**

5. Drop the following courses [Effective: Summer 2005]

EdAd **WS507 Educational Statistics** (4 cr). WSU EdPsy 508.

Equivalent Course: ED 581

EdAd **511 Planning and Administering the Curriculum** (3 cr). Same as EDTE 511. Management skills, concepts, and information needed to administer a district-wide curriculum; audits and other evaluations as part of the curriculum or program development cycle; duties and responsibilities of curriculum developers from a standpoint of several possible roles and assignments; criteria and basic concepts for an audit, including essential curriculum management components, alignment, quality control, standards, and data sources.

Equivalent Course: EDTE 511

EDSP **543 Physical and Medical Issues** (3 cr). Legal and other issues; implications of physical and medical conditions; models for coordination of services provided in instructional settings; includes field component.

EDSP 560 Early Childhood Development and Assessment (3 cr). Overview of development of young children; emphasis on a review of ethical/legal issues and methods and tools for evaluation and assessment, including process of developing an IFSP or IEP with functional goals.

EDTE 202 Introduction to Teaching Laboratory (1 cr). Intro to the "world of teaching" through classroom observation and participation. Graded P/F. Two hrs of lab a wk. Prereq: Soph standing. Prereq or coreq: ED 201.

EDTE ~~J416/J516~~516 (s) **College Teaching** (1-2 cr, max 2). Techniques for effective teaching at college level. [Additional projects/assignments reqd for grad cr.](#) (Fall only)

6. Add the following teaching major [**Effective:** Summer 2005]

33-CREDIT HISTORY TEACHING MAJOR

Hist 101-102 History of Civilization (6 cr)

Hist 111-112 Introduction to U.S. History (6 cr)

Hist 290 The Historian's Craft (3 cr)

PolS 101 Introduction to Political Science and American Government (3 cr)

Upper-division history courses in the following areas:

Non-regional U.S. history (3 cr)

Latin American history (3 cr)

Asian or African history (3 cr)

Pre-1750 history from any region (3 cr)

Modern European history (3 cr)

Approved upper division history electives to total 33 credits in the teaching major.

Note: A single course may satisfy more than one of the upper-division requirements.

In addition to the above teaching major requirements, the following special methods sequence is also required:

EDTE 432 Secondary Social Science Methods I (3 cr)

EDTE 442 Secondary Social Science Methods Lab (1 cr)

7. Change the curricular requirements of the **45-credit History Teaching Major** [**Effective:** Summer 2005]

Hist 101-102 History of Civilization (6 cr)

Hist 111-112 Introduction to U.S. History (6 cr)

Hist 290 The Historian's Craft (3 cr)

PolS 101 Introduction to Political Science and American Government (3 cr)

Upper-division history courses in the following areas:

Non-regional U.S. history (3 cr)

Latin American history (3 cr)

Asian or African history (3 cr)

Pre-1750 history from any region (3 cr)

American non-European ethnic history (3 cr)

[Modern European history \(3 cr\)](#)

Additional [upper-division](#) history courses (9 cr)

Approved upper division history electives to total 45 credits in the teaching major.

Note: A single course may satisfy more than one of the upper-division requirements.

In addition to the above teaching major requirements, the following special methods sequence is also required:

EDTE 432 Secondary Social Science Methods I (3 cr)

EDTE 442 Secondary Social Science Methods Lab (1 cr)

8. Change the curricular requirements of the **30-credit Psychology Teaching Major** [**Effective:** Summer 2005]

The basic objective of this teaching major is to provide the undergraduate student with preparation that leads to teaching psychology in secondary schools, and/or to undertake graduate work in several related areas. Though psychology is an endorsement area, it is desirable to present two teaching minors in standard secondary-school subjects. At least a teaching minor in sociology/anthropology is recommended for those anticipating graduate work in guidance and counseling and school psychology. A second teaching major in lieu of two teaching minors is acceptable preparation. The composite teaching majors (i.e., social science or physical science), if elected as a second teaching major, should meet the stipulated credit requirement.

Psyc 101 Introduction to Psychology (3 cr)

[Psyc 218 Introduction to Research in Behavioral Sciences](#) (4 cr)

Psyc 305 Developmental Psychology (3 cr)

[One of the following courses \(3-4 cr\):](#)

[Psyc 218 Introduction to Research in Behavioral Sciences](#) (4 cr)

[Psyc 430 Tests and Measurements](#) (3 cr)

[Two of the following courses \(6 cr\):](#)

Psyc 310 Psych of Personality [or Psyc 456 Psych of Emotion](#) (3 cr)

Psyc 311 Abnormal Psychology (3 cr)

Psyc 320 Introduction to Social Psychology (3 cr)

[Two of the following courses \(6 cr\):](#)

[Psyc 325 Cognitive Psychology](#) (3 cr)

Psyc 372 Physiological Psychology [\(3 cr\) or](#)

Psyc 444 Sensation and Perception (3 cr)

Psyc 390 Psychology of Learning [or Psyc 325 Cognitive Psychology](#) (3 cr)

[Stat 251 Principles of Statistics](#) (3 cr)

Approved upper-division psychology electives (29 cr)

In addition to the above teaching major requirements, the following special methods sequence is also required:
EDTE 432 Secondary Social Science Methods I (3 cr)
EDTE 442 Secondary Social Science Methods Lab (1 cr)

9. Change the curricular requirements of the **20-credit Psychology Teaching Minor [Effective: Summer 2005]**
B. ~~20~~21-CREDIT PSYCHOLOGY TEACHING MINOR

Psyc 101 Introduction to Psychology (3 cr)
~~Psyc 218 Introduction to Research in Behavioral Sciences (4 cr)~~
Psyc 305 Developmental Psychology (3 cr)
One of the following courses (3-4 cr):
Psyc 218 Introduction to Research in Behavioral Sciences (4 cr)
Psyc 430 Tests and Measurements (3 cr)
Two of the following courses (6 cr):
Psyc 310 Psych of Personality(3 cr)
Psyc 311 Abnormal Psychology (3 cr)
Psyc 320 Introduction to Social Psychology (3 cr)
One of the following courses (3 cr)
Psyc 325 Cognitive Psychology (3 cr)
Psyc 372 Physiological Psychology (3 cr)
Psyc 390 Psychology of Learning (3 cr)
~~Stat 251 Principles of Statistics (3 cr)~~
Approved upper-division psychology electives (43 cr)

Theatre and Film

1. Add the following courses [Effective: Summer 2005]
TheF **J408/J508 Film as a Controversial Medium** (3 cr). A historical survey of film as a controversial medium in the West. Selected fiction and non-fiction films are studied as cultural products; and each film is situated in its socioeconomic, political, and historical contexts. Additional projects/assignments reqd for grad cr. Recommended Preparation: any college-level film course.

TheF **J419/J519 U.S. Independent Film** (3 cr). This historical survey examines U.S. independent film from SALT OF THE EARTH (1953) to the present. Recommended Preparation: Any college-level film course. Additional projects/assignments reqd for grad cr.

TheF **J421/J521 Advanced Theatre Management** (3 cr). Studies in advanced computer application, people skills, and theatre management techniques. Specific emphasis on Actors Equity rules and regulations, professional production models, production management, and artistic direction. Additional projects/assignments reqd for grad cr. Prereq: TheF 320.

TheF **J467/J567 Asian Theatre History** (3 cr). This historical survey examines the structure and form of traditional Asian theatre, viewed within the religious, sociological and aesthetic contexts of the culture. Theatre, dance, puppetry and mask performances of India, Indonesia, China and Japan will form the basis of our examination. Additional projects/assignments reqd for grad cr. (Alt/yrs)

TheF **526 MFA Writers Studio** (3 cr). The primary goal of the MFA Writers Studio is to help the writers develop their unique voice and vision; understand the role of the writer within a historical, cultural and political context; and expose them to a variety of styles and approaches to creating new work for both stage and screen. Toward that end, the Writer's Studio fosters a safe but challenging creative environment, in which writers are presented with assignments designed to help them identify that set of aesthetic concerns which will form the foundation of their Voice and Style as a writer.
2. Remove all vertical course listings for Theatre and Film at the beginning of Part VII in the General Catalog [Effective: Summer 2005]

FOR THE FACULTY'S INFORMATION

Correction to General Curriculum Report 232:

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)