General Curriculum Report #209

UNIVERSITY OF IDAHO - REGISTRAR'S OFFICE
December 3, 1999

To: MEMBERS OF THE RESIDENT FACULTY

The items listed below 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 L & S or in the College of Agriculture, and is signed by five faculty members of the respective college, those items will be returned to the college concerned for further consideration.

AGRICULTURAL AND EXTENSION EDUCATION

Change the major in agricultural science and technology (B.S.Ag.Sc.Tech.) to read [Summer 2000]:

AGRICULTURAL SCIENCE AND TECHNOLOGY (B.S.Ag.Sc.Tech.)

The agricultural science and technology major is designed for students interested in a broad education with emphasis on agriculture. The curriculum's flexibility enables students to prepare for careers in general farming/ranching or entry-level ~~management~~ positions in agricultural industry and agribusiness. Students who have not decided on a major in agriculture may enroll in this curriculum and take courses in a number of departments to decide on a departmental major. Those who start in this curriculum will be informed of the requirements in other majors and plan course selections to avoid loss of time if they transfer to another major. Note: No student may become a candidate for the B.S.Ag.Sc.Tech. degree who has already earned a degree in the College of Agriculture or who is a candidate for another degree offered by the college.

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

- Ag 200 Seminar (1 cr)
- AgEc 278 Principles of Farm & Ranch Management (4 cr)
- AgEc 289 Agricultural Markets & Prices (3 cr)
- AgEc 391 Agribusiness Management (3 cr)
- Acct 201 Introduction to Financial Accounting (3 cr)
- AVS 205 Introduction to Animal Nutrition (3 cr)
- AVS 222 Animal Reproduction & Breeding (4 cr)

- Biol 100 Intro to Biology or 201 Intro to the Life Sciences (4 cr)
- Chem 101 Intro to Chemistry I or 111 Principles of Chemistry (4 cr)
- Comm 101 Fundamentals of Public Speaking (2 cr)
- Engl 207 Persuasive Writing or 209 Inquiry-Based Writing or 313 Business Writing or 317 Technical & Engineering Report Writing (3 cr)
- ~~Ag econ, business, and accounting courses (12 cr)~~
- ~~Agriculture courses, incl courses in at least four depts or divisions (50 cr)~~
- ~~Humanities and social sc electives, incl Econ 201 and/or 202 (14 cr)~~
- ~~Math, statistics, and computer sc courses, incl at least 3 cr in math (6 cr)~~
- ~~Natural and applied sc courses, incl at least 4 cr of chem and 4 additional cr of either chem or physics (16 cr)~~
- Math 137 Algebra with Applications or 143 Pre-calculus Algebra & Analytic Geometry or 160 Survey of Calculus (3-4 cr)
- MMBB 154, 155 Introductory Biology of Bacteria & Viruses & Lab or 250 General Microbiology (4-5 cr)
- Phys 100 Fundamentals of Physics or Phys 111 General Physics I or Chem 112 Principles of Chemistry II (4 cr)
- Stat 150 Intro to Statistics or 251 Principles of Statistics (3 cr)
- Computer proficiency/literacy/applications course (3 cr)
- Humanities and social sciences electives, including Econ 202 (14 cr)
- Agricultural science and technical courses chosen from the following (36 cr)
    - Agricultural Education (minimum of two courses) (4-5 cr)
        - AgEd 404 ST:Exploring International Agriculture
        - AgEd 448 Principles & Practices of Extension Education
        - AgEd 450 Developing Leaders
        - AgEd 451 Communicating in Agriculture
    - Agricultural Economics (minimum of one course) (3 cr)
        - AgEc 356 Agricultural Programs & Policies
        - AgEc 361 Farm & Natural Resource Appraisal
    - Agricultural Systems Management (minimum of two courses) (5-6 cr)
        - ASM 305 Agricultural Machinery Systems
        - ASM 315 Irrigation Systems & Water Management
        - ASM 331 Electric Power Systems for Agriculture
        - ASM 412 Agricultural Safety & Health)
    - Animal Science (minimum of two species courses, one 300-level and one 400-level) (6-7 cr)
        - AVS 330* Genetics of Farm Animals or 363 Animal Products for Human Consumption or 371 Anatomy & Physiology
        - AVS 472 Dairy Cattle Management or 474 Beef Cattle Science or 476 Sheep Science or 478 Swine Production
    - Crop Production/Management (minimum of three courses) (9 cr)
        - Ent 322 Economic Entomology
        - PlSc 338 Weed Control*
        - PlSc 405 Plant Pathology*
        - PlSc 407 Field Crop Production
        - Soil 438 Pesticides in the Environment*

        - Soil 446 Soil Fertility*
- Electives to total 132 cr for the degree

* Course requires additional prerequisites not listed.

AGRICULTURAL ECONOMICS

1. Change the list of core courses for the B.S.Ag.Econ. by adding ASM 240, Computer Applications in Biological Systems (3 cr), as an alternative to CS 112. [Summer 2000]

2. Change the major in agribusiness (B.S.Ag.Econ.) by adding AgEc 467, Economics of Rural Community Development, to the list of courses from which students are to select two. [Summer 2000]

AGRICULTURAL ENGINEERING

1. Change the prerequisite to AgE 242, Agricultural Engineering Analysis and Design (2 cr), from "Prereq: CS 112, Math 175" to "Prereq: AgE 143 or computer science elective in a programming language." [Summer 2000]

2. Change the major in agricultural engineering (B.S.Ag.E.) by (a) adding "or computer science elective in a programming language" as an alternative to AgE 143 and (b) deleting Chem 275, 276 as an alternative to Chem 112. [Summer 2000]

ANIMAL AND VETERINARY SCIENCE

Change the major in range livestock management (B.S.R.L.M.) as follows [Summer 2000]

- Add Rnge 200, Seminar (1 cr), as an alternative to AVS 101.
- Delete FWR 101, Forestry Orientation, as an alternative to AVS 101.
- Delete Rnge 458, Agroforestry (3 cr).
- Change the minimum credits required in each college under "selected courses" from 4 to 3 and add the following courses to the list of electives: AVS 218, AVS 330, AVS J411/J511, AVS WS466, AVS 476 or 474 (not taken above), Rnge 353, and Rnge 454.

ART

1. Add Art 207 Survey of Western Art: Ancient to Medieval (3 cr). Introduction to the arts and architecture of Mesopotamia, Egypt, the Aegean, Greece, Rome, and Medieval Europe to the year 1400; periods evaluated according to comparative stylistics, with additional emphasis on causality of change and innovation; emphasis on architecture, sculpture, and forms of painting. May have evening exams. [Summer 2000]

2. Add Art 208 Survey of Western Art: Renaissance to Modern (3 cr). Introduction to the arts of the Italian Renaissance, the Renaissance in the North, the Baroque Period, Neo-Classicism and Romanticism, 19th century experiments, and modern to contemporary periods; primary emphasis

on two-dimensional arts, with some focus on architecture and sculpture; periods evaluated according to comparative stylistics, with additional emphasis on causality of change and innovation. May have evening exams. [Summer 2000]

BIOLOGICAL AND AGRICULTURAL ENGINEERING

1. Change the prerequisite to BSyE 242, Biological Systems Engineering Analysis and Design (2 cr), from "Prereq: CS 112, Math 175" to "BSyE 143 or computer science elective in a programming language." [Summer 2000]

2. Change the major in biological systems engineering (B.S.B.Sy.E.) by (a) adding "or computer science elective in a programming language" as an alternative to BSyE 143, (b) moving Engr 350, Engineering Mechanics of Materials, from a requirement to an alternative to BSyE 386, (c) deleting Chem 275, 276 as an alternative to Chem 277, 278, and (d) adding Soil 205, General Soils (3 cr). [Summer 2000]

BOTANY

Add Bot ID-J414/ID-J514 Evolutionary Biology of Plants (3 cr). A survey of evolutionary processes, with specific applications to plants; topics include breeding systems, species definitions, speciation, hybridization, polyploidy, plastid evolution, and plant conservation biology. A literature review on a topic covered in class or an approved related topic reqd for grad cr. Two hrs of lec and one 2-hr discussion session a wk. Prereq: Biol 203, 351 or perm. [Summer 2000]

CHEMICAL ENGINEERING

1. Change the prerequisite to ChE ID&WS515, Transport Phenomena (3 cr), from "Prereq: perm" to "Prereq: B.S.Ch.E. and equivalent of ChE 340, 341 or perm." [Spring 2000]

2. Change the prerequisite to ChE ID&WS527, Thermodynamics (3 cr), from "Prereq: Engr 320 or perm" to "Prereq: B.S.Ch.E. and equivalent of ChE 326 or perm." [Spring 2000]

3. Change the prerequisite to ChE ID&WS529, Chemical Engineering Kinetics (3 cr), from "Prereq: perm" to "Prereq: B.S.Ch.E. and equivalent of ChE 423 or perm." [Spring 2000]

4. Change the prerequisite to ChE 541, Chemical Engineering Analysis I (3 cr), from "Prereq: perm" to "Prereq: B.S.Ch.E. and equivalent of ChE 444 or perm." [Spring 2000]

5. Change the prerequisite to ChE ID&WS545-ID&WS546, Mass Transfer Operations I-II (3 cr), from "Prereq: perm" to "Prereq: B.S.Ch.E. and equivalent of ChE 341 or perm." [Spring 2000]

6. Change the prerequisite to ChE ID571, Advanced Plant Design (3 cr), from "Prereq: perm" to "Prereq: B.S.Ch.E. and equivalent of ChE 453 or perm." [Spring 2000]

CIVIL ENGINEERING

1. Change the description of CE 372, Fundamentals of Transportation Engineering (4 cr), by adding "Periodic field data collection and one or two field trips." [Summer 2000]

2. Change the description of CE ID474 to read [Summer 2000]:

CE ID474 Traffic Systems Design (3 cr). WSU C E 474. Analysis and design of network traffic systems; system evaluation using computer optimization and simulation models; development and testing of alternative system designs. Two lec and one 3-hr lab a wk; field data collection and field site visits. Prereq: CE 372 or perm.

3. Change the description of CE ID484 to read [Spring 2000]:

CE ID484 Engineering Law and Contracts (2 cr). WSU C E 462. ~~Development of law, courts, and ethics; laws of contracts, agency, sales, property, and patents; specifications, preparation of contract documents~~ Contract law and application to engineering services agreements and construction contracts; specifications, agency, torts, professional liability, and alternate dispute resolution. Prereq: sr standing in engineering.

4. Change the title and description of CE ID561 to read [Summer 2000]:

CE ID561 ~~Advanced Soil Mechanics~~ Engineering Properties of Soils (3 cr). WSU C E 527. ~~Effective and total strength and deformation parameters for soils, lab and field methods of determination, applications in stability analysis and deformation predictions for rigid and flexible walls, anchors, buried structures, excavations, and slopes~~ Strength, compressibility, volume stability, and permeability of saturated and unsaturated soils, laboratory and field methods of measurement, relations of physical and engineering properties. Prereq: CE 360 ~~or perm~~.

COMMUNICATION

1. Change the prefix of the following courses from ComG to Comm and discontinue use of the ComG prefix [Fall 2000]:

- ComG 101, Fundamentals of Public Speaking (2 cr)
- ComG 111, Introduction to Communication Studies (3 cr)
- ComG 132, Oral Interpretation (2 cr)
- ComG 134, Nonverbal Communication (2 cr)
- ComG 233, Interpersonal Communication (3 cr)
- ComG 235, Organizational Communication (3 cr)
- ComG 284, Experiences in Visual Thinking (3 cr)
- ComG 288, Introduction to Film Studies (3 cr)
- ComG 331, Conflict Management (3 cr)
- ComG 332, Communication and the Small Group (3 cr)
- ComG 333, Interviewing (3 cr)
- ComG 347, Persuasion (3 cr)
- ComG 382, History of Photography (3 cr)
- ComG 384, History of American Film (3 cr)

- ComG 386, Documentary Film/Television (3 cr)
- ComG 430, Perspectives in Film (3 cr)
- ComG 432, Gender and Communication (3 cr)
- ComG 433, Organizational Communication Theory and Research (3 cr)
- ComG 435, Strategies of Organizational Communication (3 cr) [dormant]
- ComG ID440, Media and the Canadian Experience (3 cr) [dormant]

2. Change the last paragraph under "School of Communication Requirements" to read "A student who graduates with a major in the School of Communication must complete a minimum of 128 credits of which ~~(1) a maximum of 38 credits may be taken in communication courses having the prefix of Comm (ComG courses are not included) and (2)~~ a maximum of 6 internship credits (3 credits in Comm 498 and 3 credits from another academic field) may be applied toward the 128-minimum." [Summer 2000]

COMPUTER ENGINEERING

1. Drop CoE 241, Computer Organization (3 cr). [Summer 2000]

2. Add CoE 245 Computer Organization and Architecture (4 cr). See CS 245. [Summer 2000]

3. Drop CoE 351, Computer Architecture (3 cr). [Summer 2000]

4. Change the major in computer engineering (B.S.Comp.E.) as follows [Summer 2000]:

- delete CoE 241, Computer Organization (3 cr), and CoE 351, Computer Architecture (3 cr)
- add CoE 245, Computer Organization and Architecture (4 cr)

COMPUTER SCIENCE

1. Drop CS 105, FORTRAN Programming for Engineers (2 cr). [Summer 2000]

2. Drop CS 241, Computer Organization (3 cr). [Summer 2000]

3. Add CS 245 Computer Organization and Architecture (4 cr). Same as CoE 245. Register and processor level design of computer systems including the ALU and control unit; assemblers, linkage editors, loaders; evolution and classification of computer architectures; memory hierarchy, I/O interfaces; techniques for analyzing system performance. Prereq: CS 113 and CoE 243. [Summer 2000]

4. Drop CS 351, Computer Architecture (3 cr). [Summer 2000]

5. Change the major in computer science (B.S.C.S.) as follows [Summer 2000]:

- delete CS 241, Computer Organization (3 cr), and CS 351, Computer Architecture (3 cr)
- add CS 245, Computer Organization and Architecture (4 cr)

- change CS 241 to CS 245 in the list of courses students must complete with a grade of C or better before registering in upper-division CS courses
- change the information about electives to read:
    - ~~Electives to total 128 cr for the degree~~
        - ~~A minimum of 15 cr in humanities and social sc that satisfy regulation J-3-d~~
        - ~~A minimum of 4 cr from an approved list of courses that include study in humanities, social sciences, arts, and other disciplines that serve to broaden student's background~~
    - Broadening electives (a list of acceptable courses is available from the CS Dept; these courses may also be used to satisfy the humanities/social science core requirements (19 cr)
    - Electives to total 128 cr for the degree

6. Change the minor in computer science by deleting CS 241, Computer Organization (3 cr). [Summer 2000]

CRIME AND JUSTICE STUDIES

1. Add CJ 340 Crime, Justice, and the Media (3 cr). Critical evaluation of the media portrayals of crime and the criminal justice system; analysis of how the media help to shape public understanding and public policy. [Summer 2000]

2. Add CJ 430 Juvenile Justice (3 cr). History, philosophy, and theory behind juvenile justice; explanation of the process and outcomes of cases, including in-depth coverage of juvenile corrections and the "continuum of care"; focus on current legislation and trends. Prereq: Soc 330. [Summer 2000]

ELECTRICAL ENGINEERING

Add EE 528 Understanding Power Quality (3 cr). Electrical fundamentals in the context of power quality; origins and characterization of power quality problems on distribution systems; applications of standards; advanced ground techniques; case study approach to common situations. Prereq: EE 421. [Summer 2000]

ENGINEERING--GENERAL

Change the number and description of EE 207 to read [Summer 2000]:

~~EE 207~~ Engr 240 Introduction to Electrical ~~Engineering~~ Circuits (3 cr) (EE 207). Not open for cr to electrical engineering majors. ~~Power and energy concepts, circuit analysis, transient and steady state behavior; resonant systems, system analysis; elem differential equations will be introduced to solve basic transient problems~~ Circuit analysis, transient and steady state behavior, resonant systems, system analysis, and power and energy concepts; elementary differential equations will be introduced to solve basic transient problems. Prereq: Math 175, Phys 211.

ENGLISH

Change the description of Engl 481, Women's Literature (3 cr), by adding "Same as FLEN 481." [Summer 2000]

FAMILY AND CONSUMER SCIENCES

1. Change the title of FCS 450, Curriculum Development in Family Life Education (3 cr), to Curriculum Development in Family and Consumer Sciences Education. [Spring 2000]

2. Change the title of FCS 471, Student Teaching in Family Life Education (10 cr), to Student Teaching in Family and Consumer Sciences Education. [Spring 2000]

FISHERY RESOURCES

Add Fish 485 Natural Resources Ecology and Conservation Biology Internship (2 cr). 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. [Spring 2000]

FOREIGN LANGUAGES--COURSES OFFERED IN ENGLISH

1. Drop FLEN 314, Modern French Literature in Translation (3 cr) [retain FLEN 313]. [Summer 2000]

2. Add FLEN 315 French Cinema (3 cr). Genre, structure, style of representation fiction and non-fiction films of France and the Francophone world. [Summer 2000]

3. Add FLEN 481 Women's Literature (3 cr). See Engl 481. [Summer 2000]

FOREST PRODUCTS

1. Add ForP 485 Natural Resources Ecology and Conservation Biology Internship (2 cr). 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. [Spring 2000]

2. Add ForP 497 Senior Thesis (2-4 cr, max 4). Independently plan and conduct a thesis project; write and defend the thesis under supervision of an adviser. Prereq: senior standing and minimum 3.20 GPA or perm. [Spring 2000]

FOREST RESOURCES

1. Change the number and description of For ID-J428/ID-J528 to read [Spring 2000]:

For ~~ID-J428/ID-J528~~ ID528 Forest Gene Resource Management (3 cr). Same as Gene ~~J428/J~~528. WSU NATRS ~~427/~~527. ~~Application of genetic principles to forest ecosystem management: the origin, function, and distribution of genetic diversity; heritability and genetic change; genetic implications of management practices; physiological genetics; use of biotechnology; gene conservation and social implications of management choices; examples drawn primarily from forest tree species, mammals, and anadromous fish populations. Cr earned in For 528 by seminar preparation and presentation~~ Genetic principles applied to forest ecosystem management; the origin and functions of genetic diversity; implications of silvicultural practices and ecosystem management on gene pools; management for genetic change; genetic considerations in conservation of forest ecosystems. One 3-hr discussion a wk based on readings of current and classic literature; ~~two to five lab or field trips~~ two to three days of field trips. Prereq: For 270 or perm. (Alt/yrs)

2. Add 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: senior standing. [Spring 2000]

3. Add For 481 Senior Project Presentation (1 cr). Reporting and presenting the senior project (thesis or internship); taken after or concurrently with 485 or 497. Prereq: For 480. [Spring 2000]

4. Add For 485 Natural Resources Ecology and Conservation Biology Internship (2 cr). 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. [Spring 2000]

5. Drop For WS540, Cytogenetics (3 cr) [dormant since Spring 1994]. [Summer 2000]

FORESTRY, WILDLIFE AND RANGE SCIENCES

Change the major in natural resources ecology and conservation biology (B.S.Nat.Res.Ecol.-Cons.Biol.) as follows [Summer 2000]:

- Delete Fish/WLF 497 or Rnge 480 or RRT 498 or For 497 or For 498 (2 cr).
- Delete For 497 (2 cr)
- Add For 480, Senior Project Planning (1 cr), and For 481, Senior Project Presentation (1 cr).
- Add 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).
- Change the Biol 201 "indicator course" (in which a student must have a "C" or better to register for upper-division courses in Fish/For/Rnge/RRT/WLF) to Biol 203.

FRENCH

1. Change the number, title, and credits of Fren 303, French Civilization: Institutions (3 cr), to Fren 408 (s) Topics in French Culture and Institutions (3 cr, max 9). [Summer 2000]

2. Change the title, credits, and description of Fren 304 to read [Summer 2000]:

Fren 304 ~~French Culture~~ Connecting French Language and Culture (~~3 cr~~ 4 cr). Practice of linguistic proficiencies within simulated cultural frames.

3. Change the title and description of Fren 305 to read [Summer 2000]:

Fren 305 ~~Survey of French Fiction and Drama~~ Reading French Texts (3 cr). ~~Middle Ages to the present~~ Development and practice of reading skills and strategies.

4. Drop Fren 306, Survey of French Essay and Poetry (3 cr). [Summer 2000]

5. Change the title and description of Fren 407 to read [Summer 2000]:

Fren 407 (s) ~~French Literary Themes~~ Topics in French Literature (3 cr, max 9). ~~Prereq: Fren 305 or 306.~~

6. Change the number, credits, and description of Fren 409 to read [Summer 2000]:

Fren ~~409~~ 307 French Phonetics (~~1-3 cr, max 6~~ 4 cr) (Fren 409). ~~Phonetic description and phonemic analysis; stress, its nature and place; intonation patterns in conversation; reading of prose and poetry~~ Contrastive analysis; acquisition and corrective practice of sounds and intonation patterns; phonetic description and transcription.

7. Change the number and title of Fren 411, French Conversation (3 cr), to Fren 308, Advanced French Conversation. [Summer 2000]

8. Change the major in French (B.A.) to read [Summer 2000]:

FRENCH (B.A.)

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

- Fren 101-102 Elementary French I-II or equivalent (8 cr)
- Fren 201-202 Intermediate French I-II or equivalent (8 cr)
- ~~Fren 301 Advanced French Grammar (3 cr)~~
- ~~Courses selected from the following (9 cr)~~
    - ~~Fren 302 Advanced French Writing Skills~~
    - ~~Fren 303 French Civilization: Institutions~~
    - ~~Fren 304 French Culture~~
    - ~~Fren 305 Survey of French Fiction & Drama~~
    - ~~Fren 306 Survey of French Essay & Poetry~~

- ~~Upper-division French courses (9 cr)~~
- 300-level French courses (20 cr)
- 400-level French courses (minimum) (3 cr)
- FLEN 313 or 315 (minimum) (3 cr)
- Additional electives in upper-division French or ~~courses in~~ related fields approved by chair or approved academic minor in a related field (~~20 cr~~ 15 cr)
- A second foreign language (elem & interm or equiv), waived for students with a double major (FL&L plus another major) (16 cr)

GENETICS

Drop Gene 428, Forest Gene Resource Management (3 cr) [retain 528]. [Spring 2000]

GEOGRAPHY

Drop the following dormant courses [Summer 2000]:

- Geog ID325, Quantitative Geomorphology (3 cr)
- Geog 425, Mineral Land Management (3 cr)
- Geog 447, Recreation and Tourism (3-4 cr)
- Geog 471, Advanced Computer Mapping (3 cr)
- Geog 585, Cartography for Planners (3 cr)

GEOLOGICAL ENGINEERING

1. Add GeoE 210 Introduction to Geological Engineering (1 cr). Introduction to geological engineering testing, analysis, and design methods; data interpretation and problem solving using computers. One lec and one recitation a wk. Prereq: Geol 101 or 111, Math 170. [Summer 2000]

2. Drop GeoE 265, Introduction to Engineering Geology (4 cr). [Summer 2000]

3. Add GeoE 312 Geological Engineering Materials (3 cr). Selected studies in mineralogy and petrology; engineering properties of soil, rock, and groundwater; introduction to site investigation and sampling. Three lec and one recitation a wk; one 1-day field trip. Prereq: Geol 101 or 111, Engr 210. [Summer 2000]

4. Add GeoE 360 Geologic Hazards (3 cr). See Geol 360. [Summer 2000]

5. Change the description of GeoE 410, Techniques of Groundwater Study (3 cr), by adding "Two weekend field trips." [Summer 2000]

6. Add GeoE 421 Engineering Geophysics (3 cr). See Min 421. [Summer 2000]

7. Drop GeoE 430, Site Testing and Evaluation (3 cr). [Summer 2000]

8. Change the description of GeoE ID&WS435 to read [Summer 2000]:

GeoE ID&WS435 Geological Engineering Principles (3 cr). WSU Geol 426 and C E 426/526. ~~Application of geology to solution of engineering problems; emphasis on selection of rock and soil parameters for use in design analysis~~ Use of geological information in engineering interpretation, analysis, and design; engineering stability analyses for excavations and slopes. ~~Two lec and one 2-hr lab a wk.~~ Prereq: ~~Geol 101 and Phys 111~~ Phys 211, Engr 210.

9. Change the description of GeoE 436 to read [Summer 2000]:

GeoE 436 Geological Engineering Design (3 cr). ~~Application of engineering and geological principles to analysis and design in construction industries~~ Geological engineering design methods and projects, including artificial reinforcement techniques; individual and teamwork approaches to formulating and solving geological engineering problems. One 1-day field trip. Prereq: GeoE 435.

10. Change the number of GeoE J442/J542, Geomechanics (3 cr), to GeoE ID-J442/ID-J542, and change the prerequisite from "Prereq: Phys 111 or 211, Math 160 or equiv" to "Prereq: Phys 111 or 211; Math 175." [Summer 2000]

11. Change the description of GeoE 475, Mineral Deposits (4 cr), by adding "Same as Geol 475." [Summer 2000]

12. Add GeoE ID546, Fault Mechanics (3 cr). See Geol 546. [Summer 2000]

13. Change the number of GeoE 563, Hydrogeology (3 cr), to GeoE J463/J563. [Summer 2000]

14. Change the major in geological engineering (B.S.Geol.E.) to read [Summer 2000]:

GEOLOGICAL ENGINEERING (B.S.Geol.E.)

As part of a cooperative program with Oregon State University, Oregon resident students may enroll in this program and will not be charged out-of-state tuition by UI.

Note: It is recommended that all students take the Fundamentals of Engineering Exam (FE) during the last semester of the senior year, leading to registration and licensing as a Professional Engineer.

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

- GeoE 210 Introduction to Geological Engineering (1 cr)
- ~~GeoE 265 Introduction to Engineering Geology (4 cr)~~
- GeoE 312 Geological Engineering Materials (3 cr)
- GeoE 360 Geologic Hazards (3 cr)
- GeoE 401 Field Geology & Report Writing (6 cr)
- GeoE 407 Rock Mechanics (3 cr)
- GeoE 421 Engineering Geophysics (3 cr)
- GeoE 428 Geostatistics (3 cr)

- GeoE 435 Geological Engineering Principles (3 cr)
- GeoE 436 Geological Engineering Design (3 cr)
- ~~GeoE 442 Geomechanics (3 cr)~~
- GeoE 463 Hydrogeology (3 cr)
- Geol 111 Physical Geology for Science Majors (4 cr)
- Geol 324 Principles of Stratigraphy & Sedimentation (4 cr)
- Geol 345 Structural Geology (3 cr)
- One course from the following (3-4 cr)
    - GeoE 410 Techniques of Groundwater Study
    - CE 360 Fundamentals of Geotechnical Engineering
    - Min 351 Optimization of Engineering Systems
- One course from the following (3 cr)
    - GeoE 420 Erosion & Sediment Control
    - GeoE 468 Aquifer Test Design & Analysis
    - Min 410 Simulation of Engineering Systems
- ~~Geop 421 Engineering Geophysics (3 cr)~~
- ~~Hydr 463 Hydrogeology (3 cr)~~
- Chem 111, 112 Principles of Chemistry I-II (8 cr)
- CE 211 Engineering Measurements (3 cr)
- ~~CE 360 Fundamentals of Geotechnical Engineering (4 cr)~~
- CS 112 Intro to Problem Solving & Programming ~~or 127 Programming Language~~ (3 cr)
- Engr 210 Engineering Statics (3 cr)
- Engr 220 Engineering Dynamics (3 cr)
- Engr 320 Engineering Thermodynamics & Heat Transfer (3 cr)
- Engr 335 Engineering Fluid Mechanics (3 cr)
- Engr 350 Engineering Mechanics of Materials (3 cr)
- Engl 317 Technical & Engineering Report Writing (3 cr)
- Math 170, 175, 275 Analytic Geometry & Calculus (11 cr)
- Math 310 Ordinary Differential Equations (3 cr)
- Min 352 Project Investment Analysis & Mgt or Engr 360 Engr Economy (3 cr)
- Phys 211, 212 Engineering Physics I-II (8 cr)
- Stat 301 Probability & Statistics (3 cr)
- Humanities and social sciences electives--must satisfy regulation J-3 and include at least (1) one upper-division course that is the second course completed in that subject or (2) a course that has another humanities/social science course as a prerequisite (15 cr)
- ~~Technical electives from the following (at least seven courses must be chosen in the senior year and at least one course no later than the fall of the junior year) (24 cr)~~ [list of courses deleted]
- Technical electives approved by department (9 cr)

The minimum number of credits for the degree is 134, exclusive of Engl 101 and mathematics courses numbered lower than Math 170.

[paragraphs on option emphasis tracks deleted]

GEOLOGY

1. Change the credits of Geol 324, Principles of Stratigraphy and Sedimentation from "4 cr" to "3-4 cr" and add to the description "Geology majors must enroll for 4 credits." [Summer 2000]

2. Change the number of Geol 336, Processes in Glacial and Periglacial Environments (3-6 cr), to Geol J236/J336. [Summer 2000]

3. Change the credits and description of Geol 345 to read [Summer 2000]:

Geol 345 Structural Geology (~~3 cr~~ 3-4 cr). Deformed rocks; mechanics of failure, recognition, description, classification, and genesis of folded and fractured rocks. Geology majors must enroll for 4 credits. Two lec and one 2-hr lab a wk; one 2-day field trip (geology majors must take five 1-day field trips). Prereq: one semester high-school trigonometry or Math 144, Geol 101 or 111, Phys 111 or 211.

4. Change Geol 360, Geological Hazards (3 cr), by adding "Same as GeoE 360." [Summer 2000]

5. Add Geol J416/J516 Advanced Field Methods in Geosciences (3 cr). Application of field techniques to the recognition and solution of problems of applied and research interest; design and implementation of integrated geological, geochemical, and geophysical programs. For 500-level credit, an additional independent project is required that demonstrates the student's ability to design and carry out a geologic/geochemical/geophysical survey. Accident and health insurance required. Three week field trip. Prereq: Geol 401 or perm. [Summer 2000]

6. Change the number of Geol J442/J542, Geomechanics (3 cr), to Geol ID-J442/ID-J542. [Summer 2000]

7. Add Geol 475 Mineral Deposits (4 cr). See GeoE 475. [Summer 2000]

8. Change the description of Geol ID546, Fault Mechanics (3 cr), by adding "Same as GeoE 546." [Summer 2000]

9. Add Geol ID593 (s) Advanced Topics in Geomechanics (1-4 cr, max arr). Advanced treatment of current topics in geomechanics and related disciplines such as structural geology, hydrogeology, engineering geology, and petroleum engineering. [Summer 2000]

HISTORY

Change the title of Hist 422, Comparative American Regionalism (3 cr), to The American Landscape. [Summer 2000]

MICROBIOLOGY, MOLECULAR BIOLOGY AND BIOCHEMISTRY

1. Drop MMBB 112, Microbial Genetics Laboratory (2 cr). [Summer 2000]

2. Drop MMBB 410, Immunology Laboratory (2 cr). [Summer 2000]

3. Drop MMBB 413, Pathogenic Microbiology Laboratory (2 cr). [Summer 2000]

4. Change the major in microbiology (B.S.Microbiol. or B.S.) as follows [Summer 2000]:

- Delete MMBB 111, Microbial Genetics (3 cr), MMBB 382, Introductory Biochemistry Lab (1 cr), and MMBB 410, Immunology Laboratory (2 cr)
- Add MMBB 440, Advanced Laboratory Techniques (4 cr)
- Change the "microbiology electives" by deleting MMBB 413, Pathogenic Microbiology Lab, and MMBB 417, Food Microbiology Lab, and by adding MMBB 414, General Virology

5. Change the major in molecular biology and biochemistry (B.S.M.B.B.) as follows [Summer 2000]:

- Delete MMBB 111, Microbial Genetics (3 cr)
- Add MMBB 440, Advanced Laboratory Techniques (4 cr)
- Change the "MBB electives" by deleting MMBB 410, Immunology Lab, and MMBB 413, Pathogenic Microbiology Lab, and by adding Biol 353, Introduction to Molecular Biology

6. Change the microbiology minor by deleting MMBB 410, Immunology Lab, and MMBB 413, Pathogenic Microbiology Lab, from the list of electives. [Summer 2000]

MINING ENGINEERING

Change the major in mining engineering (B.S.Min.E.) by (a) deleting Geol 260, Survey of Minerals (2 cr), and Geol 261, Lithology (2 cr), and (b) adding GeoE 312, Geological Engineering Materials (3 cr). [Summer 2000]

PLANT SCIENCE

1. Add PlSc 212 Master Gardener (1-3 cr, max 3). Basic horticultural skills required for home gardeners and landscapers, including soil, water, and fertility management, composting, pest and disease identification and management, vegetable and fruit culture, ornamentals, plant propagation, and lawn care. Graded P/F. Field trips. [Spring 20000]

2. Add PlSc 408 Cereal Science (3 cr). Crop history and biology of major cereal crops, emphasizing cool season cereals. Prereq: Biol 201 or perm. [Spring 2000]

3. Drop PlSc 516, Advanced Plant Virology and Molecular Biology (3 cr) [dormant]. [Summer 2000]

4. Drop PlSc 517, Plant Disease Epidemiology (3 cr) [dormant]. [Summer 2000]

PSYCHOLOGY

1. Change the number of Psyc 552, Ergonomics and Biomechanics (3 cr), to Psyc J452/J552 and add "Additional projects/assignments reqd for grad cr" to the description. [Summer 2000]

2. Change the number of Psyc 561, Human-Computer Interaction (3 cr), to Psyc J461/J561 and add "Additional projects/assignments reqd for grad cr" to the description. [Summer 2000]

3. Change the last paragraph in the psychology major (B.A. or B.S.) as follows [Summer 2000]:

~~At least four additional upper-division psychology courses (not including Psyc 400, 403, or 499) with a grade of C or better, for a total of 12 credits. Note: A maximum of 3 credits of Psyc 497 or 498 may be used for the additional upper-division course requirements.~~ At least 12 additional upper-division psychology credits. Only 3 of these credits may come from Psyc 400, 497, 498, and/or 499. A grade of C or better must be earned in each course taken to complete this category.

RANGE RESOURCES

1. Add Rnge 440 Wildland Restoration Ecology (3 cr). Ecological principles and management practices involved in restoring and rehabilitating wildland ecosystems after disturbance or alteration to return damaged ecosystems to a productive and stable state. Prereq: a course in general ecology or perm. (Alt/yrs; spring only) [Summer 2000]

2. Add Rnge 454 Rangeland Weed Management (3 cr). Ecological principles and management options for invasive plant control on rangelands; focus on landscape-level management approaches including detection, monitoring, and prevention of weed invasions, restoration of weed-infested rangeland and coordinated weed management planning. One 2-day field trip. Recommended prereq: PlSc 338, Rnge 354. (Alt/yrs; fall only) [Summer 2000]

3. Change the number of Rnge 480, Senior Research and Thesis (cr arr), to Rnge 497. [Summer 2000]

4. Add Rnge 485 Natural Resources Ecology and Conservation Biology Internship (2 cr). 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. [Spring 2000]

5. Change the major in range livestock management (B.S.R.L.M.) as follows [Summer 2000]:

- Add Rnge 200, Seminar (1 cr), as an alternative to AVS 101.
- Delete FWR 101, Forestry Orientation (1 cr), as an alternative to AVS 101.
- Delete Rnge 458, Agroforestry (3 cr).
- Change the minimum credits required in each college under "selected courses" from 4 to 3 and add the following courses to the list of electives: AVS 218, AVS 330, AVS J411/J511, AVS WS466, AVS 476 or 474 (not taken above), Rnge 353, and Rnge 454.

RESOURCE RECREATION AND TOURISM

1. Drop RRT 285, Philosophy and Principles of Leisure in Modern Societies (2 cr). [Summer 2000]

2. Change the title, credits, and description of RRT 287 to read [Summer 2000]:

RRT 287 ~~Principles~~ Professional Foundations of Resource Recreation and Tourism ~~Management~~ (~~2 cr~~ 3 cr). ~~Overview of development of wildland recreation and tourism resources in contemporary society; integration of political, economic, and behavioral issues and concepts into an overall land use management framework~~ Overview of development and management of wildland recreation and tourism resources and their integration into a political, economic, behavioral, and land use management framework; philosophical, theoretical , historical, and managerial foundations of leisure as they relate to societal trends in leisure from the perspective of the individual and society; contemporary issues, including special populations, ethnicity, and diversity.

3. Change the credits and description of RRT 310 to read [Summer 2000]:

RRT 310 Leisure Services Research and Evaluation (~~3 cr~~ 4 cr). ~~Empirical research methods used in leisure service delivery programs; how to choose and apply selection research methods and software packages; design, collection, and analysis of information; program evaluation; reporting results; interpreting research literature~~ Quantitative, qualitative, and mixed approaches to studying leisure; how to choose and apply selective research methods; design, collection, and analysis of primary and secondary data; program evaluation; reporting results; interpreting research literature; lab exercises in research design, data collection, and analysis; and the communication of research issues and findings to lay and professional audiences. Three lec and 2 hrs of lab a wk. Prereq ~~or coreq~~: basic computer skills and Stat ~~150 or~~ 251 or 301, or perm.

4. Drop RRT 311, Leisure Services Research and Evaluation Lab (1 cr). [Summer 2000]

5. Add RRT 383 Amenity Resource Economics for Environmental Policymaking (3 cr). Theory of amenity and recreation resources as public goods; economic analysis of recreation, tourism, and amenity resources; application of economic principles and valuation methods to resource management and policy analysis. Prereq: Econ 202 or 201 or perm. (Alt/yrs) [Summer 2000]

6. Change the title and description of RRT ID387 to read [Summer 2000]:

RRT ID387 Environmental ~~Interpretive Methods~~ and Cultural Interpretation (3 cr). WSU NATRS 373. ~~Introduction to environmental interpretation; communication psychology and media applied to noncaptive audiences in leisure and natural resource settings~~ Introduction to environmental and cultural interpretation; communication psychology and media applied to noncaptive audiences in recreation and tourism. Prereq: RRT 287 or perm.

7. Add RRT 485 Natural Resources Ecology and Conservation Biology Internship (2 cr). 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. [Spring 2000]

8. Change the title of RRT 491, Use of Wilderness Environments for Personal Growth (3 cr), to Wilderness Leadership for Personal Growth. [Summer 2000]

9. Change the number, title, and description of RRT 494 to read [Summer 2000]:

RRT ~~494~~ 394 ~~Resource-Based Public Relations and Marketing~~ Natural Resources Communication (3 cr) (RRT 494). ~~Public relations and marketing principles and techniques applied to natural resource and recreation resource management and tourism~~ Overview of applied communication methods necessary for the successful management of forests, wildlife, and other natural resources as well as parks and recreation areas; introduction to public involvement, marketing, public relations, environmental interpretation, and environmental education. ~~One all-day field trip.~~

10. Add RRT 497 Senior Thesis (2-4 cr, max 4). Independently plan and conduct a thesis project; write and defend the thesis under supervision of an adviser. Prereq: senior standing and minimum 3.20 GPA or perm. [Spring 2000]

11. Change the major in resource recreation and tourism (B.S.Res.Rc.) as follows [Summer 2000]

RESOURCE RECREATION AND TOURISM (B.S.Res.Rc.)

First and Second Years

- RRT/For 235 Society & Natural Resources (3 cr)
- ~~RRT 285 Philosophies & Principles of Leisure in Modern Societies (2 cr)~~
- RRT 287 ~~Principles~~ Professional Foundations of Resource Recreation & Tourism ~~Management~~ (~~2 cr~~ 3 cr)
- RRT/For/Rnge/WLF/Fish/ForP 302 Wildland Field Ecology (2 cr)
- RRT 303, 304 Resource Recreation & Tourism Field Studies I, II (3 cr)
- RRT 310~~, 311~~ Leisure Services Research & Evaluation ~~& Lab~~ (4 cr)
- Biol 201 Introduction to the Life Sciences (4 cr)
- Biol 203 General Botany (4 cr)
- Chem 101 Introduction to Chem I or Chem 111 Principles of Chem I (4 cr)
- Comm 101 Fundamentals of Public Speaking or one semester of a foreign language (2-4 cr)
- For/Rnge/WLF 221 Natural Resources Ecology (3 cr)
- Geol 101 Physical Geology (4 cr)
- Math 137 or 143 or 160 or 170 (3-4 cr)
- PolS 101 Intro to Political Science & American Government (3 cr)
- ~~Psyc 101 Introduction to Psychology (3 cr)~~
- ~~Soc 101 Introduction to Sociology (3 cr)~~

- Stat 251 Principles of Statistics or 301 Probability & Statistics (3 cr)
- Two of the following (6 cr)
    - Anth 100 Introduction to Anthropology
    - Psyc 101 Introduction to Psychology
    - Soc 101 Introduction to Sociology
- Electives or courses in minor (12 cr)

Third and Fourth Years

- RRT 383 Amenity Resource Economics for Environmental Policymaking (3 cr)
- RRT 385 Resource Recreation & Tourism Management (3 cr)
- RRT 386 Resource Recreation & Tourism Planning (3 cr)
- ~~RRT 387 Environmental Interpretive Methods (3 cr)~~
- RRT ~~494 Resource-Based Public Relations & Marketing~~ 394 Natural Resources Communication (3 cr)
- RRT 398 Internship (~~1-3 cr~~ 6-9 cr)
- RRT/For/Rnge/WLF/Fish/ForP 470 Interdisciplinary Natural Resource Planning (3 cr)
- RRT 484 Management of Recreation Sites & Leisure Settings (2 cr)
- RRT 489 Personalities & Philosophies in Conservation (2 cr)
- Bot 241 Systematic Botany or For 320 Dendrology or LArc 288 Plant Materials I or Rnge 353 Rangeland Plant Ident & Ecology (3 cr)
- Econ 202 or 201 Principles of Economics (3 cr)
- ~~Engl 313 Business Writing or Engl 317 Technical & Engr Report Writing~~ One writing course, such as Engl 207, 208, 209, 313, 317 (3 cr)
- For 375 Airphoto Interpretation & Mapping or LArc 385 GIS Primer or Geog 385 GIS Primer (3 cr)
- Any course numbered 300 or above in sociology or psychology or one of the following (3 cr)
    - RRT 387 Environmental & Cultural Interpretation
    - RRT 486 Public Involvement in Natural Resource Management
    - RRT 491 Wilderness Leadership for Personal Growth
    - Bus 311 Introduction to Management
    - Bus 321 Marketing
    - Bus 324 Consumer Behavior
    - Bus 327 Services/Nonprofit Marketing
    - FCS 436 Theories of Child & Family Development
    - FCS 440 Contemporary Family Relationships
    - ~~FCS 445 Issues in Work & Family Life~~
    - FCS 448 Consumer Economic Issues
    - ~~FCS 460 Family as an Ecosystem~~
- Electives to total 128 cr for the degree

12. Change the natural resource communication minor as follows [Summer 2000]:

~~NATURAL RESOURCE~~ ENVIRONMENTAL COMMUNICATION MINOR

- Comm 121 Media Writing (3 cr)
- RRT 387 Environmental ~~Interpretive Methods~~ & Cultural Interpretation (3 cr)
- RRT 394 Natural Resources Communication (3 cr)
- RRT 486 Public Involvement in Natural Resource Management (3 cr)
- RRT 487 Field Environmental Education (3 cr)
- RRT 488 Interpretive Methods Lab or Comm 431 Professional Presentation Techniques (3 cr)
- ~~An elective in public relations (3 cr)~~
- At least one course from the following (3 cr)
    - Comm 252 Principles of Public Relations
    - Comm 265 Advertising & Society
    - Comm 275 Introduction to Video Production
    - Comm 281 Understanding Photography
    - Comm 331 Conflict Management
    - Comm 347 Persuasion
    - Comm 360 Broadcast Media Advertising
    - Comm 362 Print Media Advertising
    - Comm 425 Feature Article Writing

13. Change the outdoor recreation leadership minor as follows [Summer 2000]:

OUTDOOR RECREATION LEADERSHIP MINOR

- RRT 287 ~~Principles~~ Professional Foundations of Resource Recreation & Tourism ~~Management or RRT 490 Wilderness Management~~ or Rec 125 Outdoor Leisure Pursuits (2-3 cr)
- RRT 387 Environmental & Cultural Interpretation (3 cr)
- RRT 490 Wilderness Management or RRT 491 Wilderness Leadership for Personal Growth (3 cr)
- RRT 487 Field Environmental Educ or Rec 420 Experiential Educ (2-3 cr)
- ~~Rec 125 Outdoor Leisure Pursuits (2 cr)~~
- Rec 215 River Reading and Whitewater Safety (1 cr)
- Rec 320 Outdoor Recreation Leadership or 254 Camp Leadership (2-3 cr)
- Rec 321 Wilderness Medicine & Evacuation or H&S 288 First Aid: Emergency Response ~~or other approved medical emergency course~~ (1-2 cr)
- Courses selected from the following (~~7 cr~~ 5 cr)
    - PEB 106 Individual & Dual Sports: Fly Tying/Casting (1 cr)
    - PEB 108 Swimming: Scuba (1 cr)
    - Rec 220 Rock Climbing
    - Rec 221 Mountaineering
    - Rec 222 Cross Country Skiing
    - Rec 223 Winter Camping
    - Rec 224 Whitewater Rafting
    - Rec 225 Kayaking
    - Rec 226 Whitewater Canoeing
    - Rec 227 Mountain Biking

    - Rec 255 Backpacking & Camping Skills
    - ~~Rec 270 Big Game Hunting Techniques & Safety~~
    - RRT/Rec 204 Approved Special Topic course
    - Technical competency (contact dept) (max 4 cr)

14. Change the tourism and leisure enterprises minor as follows [Summer 2000]:

TOURISM AND LEISURE ENTERPRISES MINOR

- Bus 321 Marketing (3 cr)
- RRT/Rec 181 Introduction to Hospitality Services Industries (3 cr)
- RRT 381/Rec 382 Hospitality Management & Organization (3 cr)
- RRT 394 Natural Resources Communication (3 cr)
- ~~RRT 494 Resource-Based Public Relations & Marketing (3 cr)~~
- Rec 340 Leisure & Tourism Enterprises (3 cr)
- One course selected from the following (2-3 cr)
    - RRT 386 Resource Recreation & Tourism Planning
    - RRT 236/Rec 235 Principles of Tourism
    - RRT 398 Internship
    - Rec 204/Rec 280 Special Topics/Practicum
    - Rec 486 Recreation Program Planning & Marketing I

15. Change the wilderness and nature conservation minor as follows [Summer 2000]:

WILDERNESS AND NATURE CONSERVATION MINOR

- For/Rnge 221 Natural Resources Ecology or a general ecology course or Biol 331 General Ecology or RRT 306 Winter Field Ecology or RRT 302 Wildland Field Ecology (2-3 cr)
- RRT 387 Environmental & Cultural Interpretation (3 cr)
- RRT 489 Personalities & Philosophies in Conservation (2 cr)
- RRT 490 Wilderness Management (3 cr)
- RRT 491 Wilderness Leadership for Personal Growth (3 cr)
- ~~RRT 492 International Land Preservation Systems (3 cr)~~
- RRT 493 International Issues in Nature Conservation (3 cr)
- RRT 496 Monitoring Human Impacts in Wilderness (3 cr)

WILDLIFE RESOURCES

1. Add WLF 485 Natural Resources Ecology and Conservation Biology Internship (2 cr). 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. [Spring 2000]

2. Drop WLF 489, Personalities and Philosophies in Conservation (2 cr) [retain as RRT 489]. [Spring 2000]

FOR THE FACULTY'S INFORMATION

The following actions concerning cooperative courses have been approved since the most recent report:

Add BSyE WS-J455/WS-J555, Natural Systems for Wastewater Treatment (3 cr). WSU BSysE 455/555. [Summer 2000]

Add "ID" to FCS 428, Housing America's Families (3 cr). WSU H D 428. [Spring 2000]