

General Curriculum Report #232

UNIVERSITY OF IDAHO - REGISTRAR'S OFFICE

October 08, 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.

Agricultural Economics and Rural Sociology

1. Add the following course [**Effective:** Summer 2005]:
AgEc 201 **Principles of Agricultural Economics** (1 cr). Review, discussion and application of basic economic, agribusiness, and natural resource principle as applied to the agricultural economics profession. Students will have an opportunity to attend the American Agricultural Economics Association annual meetings and test their knowledge of these principles with students from other universities.
Prereq: AgEc 101. (Spring only)
2. Change the prerequisites of the following course [**Effective:** Summer 2005]:
AgEc 489 **Understanding and Using Futures and Options Markets** (2 cr). How futures and options markets work, types of futures and options markets, a practical understanding of their role as investment and risk management tools, and individual student management of a simulated futures and options trading account. ~~Recommended Preparation~~ Prereq: Math 143 or higher, and Econ 2012 or 272.

Agricultural and Extension Education

1. Change the curricular requirements of **Agricultural Education** (B.S.Ag.Ed.) [**Effective:** Summer 2005]
Required course work includes the university requirements (see regulation J-3) and one of the following options:....

B. Agricultural Industry Management and Communications Option

The ~~non-teaching~~ **Agricultural Industry Management and Communications** option is designed for students who desire a career in non-formal instruction, human resources development, and training in the food, fiber, and natural resource system. Graduates of this program will have a strong foundation in education, communications, and presentation and communications skills.

AgEd 451 Communicating in Agriculture (2 cr)

AgEd 498 Internship (max 10 cr)....

Humanities and social science electives (14 cr)

Technical subject matter courses must include breadth across four technical agriculture instruction areas (6 cr. minimum per area) and depth in one or two areas (6-12 additional credits per area). Technical agriculture instruction areas include: agricultural economics and rural sociology; **agricultural science and technology**, agricultural systems management; animal and veterinary sciences; plant, soils, and entomological sciences; and food science and toxicology. A maximum of 8 cr of foreign language can be completed in lieu of 8 credits of technical subject matter courses with departmental approval. (36 cr)

Electives to total 128 cr for the degree

2. Change the curricular requirements of **Agricultural Science and Technology** (B.S.Ag.Sc.Tech.) [**Effective:** Summer 2005]
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 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. 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~~ **Agricultural and Life Sciences** or who is a candidate for another degree offered by the college.

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

Acct 201 Introduction to Financial Accounting (3 cr)

AgEc 278 Farm and Agribusiness Management (4 cr)....

Humanities and social sciences electives, including Econ 202 (14 cr)

Natural and applied science electives, which include Chem 101 or 111, and Biol 115 (16 cr)

Agricultural science and technology courses: Includes both depth and breadth in technical agriculture instruction areas. Must include breadth across ~~two-three~~ technical agriculture instruction areas (~~9-6~~ cr. minimum per area) and depth in a ~~third-fourth~~ area (~~4-9~~ **12** cr). Technical agriculture instruction areas include: agricultural education; **agricultural science and technology**, agricultural systems management; animal and veterinary sciences; family and consumer sciences; food science and toxicology; microbiology, molecular biology and biochemistry; and plant, soils, and entomological sciences. Must include at least 30 hours in upper division classes. (37 cr)

Electives to total 132 cr for the degree

Animal and Veterinary Sciences

1. 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)....

Complete one of the following four options:

B. Dairy Science Option

AgEc 278 Principles of Farm and Ranch Management (4 cr)
AgEc 289 Agricultural Markets and Prices (3 cr)
AVS 172 Principles and Practices of Dairy Science (3 cr)
AVS 222 Animal Reproduction and Breeding (4 cr)
AVS 330 Genetics of Livestock Improvement (3 cr)
~~AVS 363 Animal Products for Human Consumption (3 cr)~~
~~AVS 411 Ruminant Nutrition (3 cr)~~
AVS 413 Physiology of Lactation (3 cr)
AVS 472 Dairy Cattle Management (3 cr)
AVS 475 Advanced Dairy Cattle Management (3 cr)
Chem 275 Carbon Compounds (3 cr)
Econ 202 Principles of Economics (3 cr)
FST 429 Dairy Products (4 cr)
~~MMBB 250 General Microbiology or MMBB 300 Survey of Biochemistry (3-5 cr)~~
~~MMBB 154 Introductory Microbiology (3 cr)~~
~~MMBB 155 Introductory Microbiology Laboratory (1 cr)~~
PLSc 407 Field Crop Production (3 cr)
Electives to total 132 for the degree

C. Production Option

AgEc 278 Principles of Farm and Ranch Management (4 cr)
AgEc 289 Agricultural Markets and Prices (3 cr)
AVS 222 Animal Reproduction and Breeding (4 cr)
AVS 330 Genetics of Livestock Improvement (3 cr)
AVS 363 Animal Products for Human Consumption (3 cr)
~~AVS 411 Ruminant Nutrition (3 cr)~~
AVS 471 Animal Disease Management (3 cr)
AVS 472, 474, 476, or 478 Species Production (6 cr)
Chem 275 Carbon Compounds (3 cr)
Econ 202 Principles of Economics (3 cr)
~~MMBB 250 General Microbiology (5 cr)~~
~~MMBB 154 Introductory Microbiology (3 cr)~~
~~MMBB 155 Introductory Microbiology Laboratory (1 cr)~~
~~PLSc 407 Field Crop Production (3 cr)~~
Rnge 251 Principles of Range Resource Management (2 cr)
Life science elective (4 cr)
Electives to total 132 for the degree

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 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

Biological and Agricultural Engineering

1. 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

A. Agricultural Information Systems Option

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B. Water and Waste Management Systems Option

....

C. Agricultural Production Management Option

ASM 304 Agricultural Fluid Power (2 cr)
ForP 230 Forest Harvesting Field Measurement or CE 218 Elementary Surveying (2 cr)
Math 143 Pre-calculus Algebra and Analytic Geometry or Math 160 Survey of Calculus (3-4 cr)
[Agricultural Economics Elective \(3 cr\)](#)
Agriculture and Technical Electives (See list in Dept. Office) (14 cr)
Business Electives (See list in Dept. Office) (3 cr)
Life Science Electives (See list in Dept. Office) (3 cr)
Structures Elective (See list in Dept. Office) (3 cr)
Advisor approved electives to total 128 for the degree (See list in Dept. Office)

D. Agricultural Machine Systems Option

ASM 210 Small Engines (3 cr)
ASM 304 Fluid Power Systems (2 cr)
ASM 412 Agricultural Safety and Health (2 cr)
~~Chem 111 Principles of Chemistry I (4 cr)~~
Geog 385 GIS Primer (3 cr)
Math 170 Analytical Geometry and Calculus (4 cr)
ME 123 Introduction to Mechanical Design (3 cr)
ME 261 Engineering Materials (3 cr)
Phys 111 General Physics I (4 cr)
~~PTTE 338 Thermal and fluid Fundamentals for Technology (3 cr)~~
PTTE 481 Computer Numerical Control Manufacturing (4 cr)
Agriculture Electives (See list in Dept. Office) (6 cr)
Advisor approved electives to total 128 credits for the degree (See list in Dept. Office)

Biological Sciences

1. Change the cooperative status, title and cross listing of the following course [Effective: Summer 2005]
Biol ~~ID&WS548~~ ~~Plant-Animal Interactions~~ ~~Evolutionary Ecology~~ (3 cr). See ~~Biol J448/J548~~ ~~WLF 548~~.
2. Change the curricular requirements of **Biology** (B.A. or B.S.) [Effective: Summer 2005]
To graduate in this program, students must earn a minimum grade of C in BIOL 115 and 116 and must have a minimum GPA of 2.40 in BIOL 115, 116, 210, 212, and 213.

Required course work includes the university requirements (see regulation J-3), and the following major requirements (electives to be chosen in consultation with the departmental advisor): ~~To enroll in upper division biology (Biol) courses, majors must have a minimum GPA of 2.40 in Biology 115, 116, 210, 212, and 213, with minimum grades of "C" in Biol 115 and 116.~~

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

English

1. Change the credits and description of the following course [**Effective:** Summer 2005]
Engl **401 Writing Workshop for Teachers** (2-3 cr). Enrollment limited to juniors or seniors majoring or minoring in English or in secondary or elementary education programs. ~~Students doing a year-long internship in English should enroll for 2 cr; all others should enroll for 3 cr.~~ Develops students' writing abilities in a workshop setting adaptable to K-12 classrooms. ~~Three credit option and~~ includes theory and practice of teaching writing in elementary ~~and secondary~~ schools ~~and across the curriculum.~~
2. Change the curricular requirements of English (B.A.) [**Effective:** Summer 2005]
Where specific courses are listed with the area requirements, the department may approve equivalencies.

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....

Creative Writing Emphasis....

Professional Emphasis....

Teaching Emphasis

Foundations (3 cr)

Engl 175 Introduction to Literary Genres or Engl 210 Introduction to Literary Theory (3 cr)

Literary History (15 cr)

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

Engl 341 or 342 Survey of British Literature (3 cr)

Engl 343-344 Survey of American Literature (6 cr)

Engl 345 Shakespeare (3 cr)

Language (10 cr)

Engl 201 English Grammar, Key Concepts and Terms (1 cr)

Engl 441 Intro to the Study of Language (3 cr)

Two linguistics courses from the following (6 cr)

Engl 442 Introduction to English Syntax (3 cr)

Engl 443 Language Variation (3 cr)

Engl 496 History of the English Language (3 cr)

Writing (11 cr)

Engl 309 Advanced Prose Writing (3 cr)

Engl 401 Writing Workshop for Teachers (23 cr)

~~Engl 403 Teaching Writing in Secondary Schools (Must be taken concurrently with EDTE 485, Internship) (3 cr)~~

One course from the following (3 cr):

Engl 208 (s) Personal and Exploratory Writing (3 cr)

Engl 291 Creative Writing: Poetry (3 cr)

Engl 292 Creative Writing: Fiction (3 cr)

Engl 293 Creative Writing: Nonfiction (3 cr)

Upper-Level Literature (6 cr):

Engl 445 Literature for Adolescents (3 cr)

400-level literature elective (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)

400-level English Elective (3 cr)

Capstone

EDTE 485 Internship fulfills the capstone requirement for Teaching Emphasis majors.

TEACHER CERTIFICATION

CLASS English majors wishing secondary teaching certification must complete the appropriate English and education courses listed in the "Teaching Majors and Minors" in the Division of Teaching Learning & Leadership section of this catalog. Students should plan their programs with their English advisor; they should also see a College of Education advisor regarding certification requirements.

Family and Consumer Sciences

1. Change the number of the following course [**Effective:** Summer 2005]:
FCS ~~ID405462~~ **Eating Disorders** (2 cr). *May be used as core credit in J-3-d.* WSU FSHN 405. Examination of anorexia nervosa, bulimia nervosa, compulsive eating, obesity, and weight preoccupation; discussion of cultural and nutritional factors, family issues, and psychological consequences, as well as preventative and therapeutic interventions.
2. Drop the following course [**Effective:** Summer 2005]:
FCS **507 Research Methodology** (3 cr). See Econ 507.
3. Add the following course [**Effective:** Summer 2005]
FCS **365 Advanced Nutrition Lab** (1 cr). Lab to accompany FCS 361 for students accepted into CPD program only. One 2 hour lab per week. Prereq: CPD major, FCS 205, MMBB 300, Biol 120 and Biol 121. (Fall Only)
4. Change the credits, course description and prerequisites of the following course [**Effective:** Summer 2005]
FCS **361 Advanced Nutrition** (43 cr). Principles of nutrition; physiology of digestion, absorption and metabolism of nutrients. ~~Three lec and 2 hrs of lab a wk.~~ Prereq: FCS 205, MMBB 300, Biol ~~115 or~~ 120 and Biol 121. (Fall only)
5. Change the corequisite of the following course [**Effective:** Summer 2005]
FCS **251 Survey of FCS Professions** (1 cr). Web delivered, survey course for students considering a career in Family and Consumer Sciences, particularly teaching. Televised interviews with professionals in a variety of FCS careers, and an in-depth look at teaching as a career. An advising meeting with the FCS Teacher Educator is required to explain the requirements of the program. ~~Coreq-Ed-201.~~
6. Change the prerequisites of the following course [**Effective:** Summer 2005]
FCS **487 Management Supervised Practice I** (2 cr). Food service management; program organization, analysis, and evaluation of food service facilities and resources; equipment/purchasing tours; pre-practicum experience. One lec and 3 hrs of supervised practice a wk. Prereq: FCS 387 ~~and Sr standing in CPD.~~ (Fall only)
7. Drop the following course [**Effective:** Summer 2005]
FCS **451 Professional Development** (3 cr). Ethics, public policy, and communication related to family and consumer issues. Prereq: Sr standing. (Fall only)
8. Change the curricular requirements of **Child, Family, and Consumer Studies** (B.S.F.C.S.) [**Effective:** Summer 2005]
This major has an interdisciplinary focus on the child, the family as an institution, and families as consumers.

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:

A. Child Development/Family Relations Option

The CDFR option allows students to develop individualized programs to meet personal and career goals. Careers include opportunities to provide direct services to children and families through teaching or child care, to fill advocacy roles, or to be involved with parent education.

Comm 101 Fundamentals of Public Speaking (2 cr)
ED 201 Diverse Learners in Schools and Social/Cultural Contexts (3 cr)
FCS 105 Individual and Family Development (3 cr)
FCS 205 Concepts in Human Nutrition (3 cr)
FCS 234 Infancy and Early Childhood (3 cr)
FCS 235 Principles and Methods of Child Observation (3 cr)
FCS 240 Intimate Relationships (3 cr)
FCS 333 Developmental Curriculum for Young Children (3 cr)
FCS 334 Middle Childhood-Adolescence (3 cr)
FCS 340 Parent-Child Relationships in Family and Community (3 cr)
FCS 346 Personal and Family Finance and Management (4 cr)
FCS 436 Theories of Child and Family Development (3 cr)
FCS 440 Contemporary Family Relationships (3 cr)
~~FCS 451 Professional Development (3 cr)~~
FCS 497 Practicum (9 cr)
H&S 288 First Aid: Emergency Response (2 cr)
Stat 150 Intro to Statistics or Stat 251 Principles of Statistics (3 cr)
Computer applications elective (3 cr)

B. Family Life Option

The Family Life Option provides a general preparation in family science. Students may select to pursue course preparation for Accredited Financial Counselor or Certified Family Life Educator. Career options include jobs in business firms, government agencies, and nonprofit organizations. Students could also declare a minor in Aging. See Advisor for specific coursework to pursue these options.

FCS 105 Individual and Family Development (3 cr)
FCS 123 Textiles (3 cr)
FCS 205 Concepts in Human Nutrition (3 cr)
FCS 223 Evaluation of Apparel and Textiles (3 cr)
FCS 234 Infancy and Early Childhood (3 cr)
FCS 240 Intimate Relationships (3 cr)
FCS 251 Survey of FCS Professions (1 cr)

FCS 334 Middle Childhood-Adolescence (3 cr)
 FCS 340 Parent-Child Relationships in Family & Community or FCS 440 Contemporary Family Relationships (3 cr)
 FCS 346 Personal and Family Finance and Management (4 cr)
 FCS 428 Housing America's Families (3 cr)
 FCS 434 Adulthood and Aging Within the Context of Family (3 cr)
 FCS 445 Work and Family Issues (3 cr)
 FCS 448 Consumer Economic Issues (3 cr)
[FCS 451 Professional Development \(3 cr\)](#)

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 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. [A passing score is required on the Education Technology Competency Test for certification.](#)

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 451 Professional Development \(3 cr\)](#)
 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 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)
 Humanities elective (3 cr)

9. Change the Curricular Requirements of **Early Childhood Development and Education** (B.S.Early.Chldhd.Dev.Ed.) [Effective: Summer 2005]

The minimum credits required for graduation are 139, including at least 36 credits at the 300-level or above. Required course work includes the university requirements (see regulation J-3) and:

Art 100 Visual Art or MusH 101 Survey of Music (3 cr)
 Comm 101 Fundamentals of Public Speaking (2 cr)
 Dan 360 Children's Dance (2 cr)
 ED 201 Diverse Learners in Schools & Social/Cultural Contexts (3 cr)
 ED 301 Principles of Learning & Development in Education (3 cr)
 ED 302 Curriculum, Instruction & Assessment Strategies (3 cr)
 ED 401 Professional Role Development (2 cr)
 EDSP 350 Language, Communication Development, and Disorders (3 cr)
 EDSP 351 Family & Community Involvement (2 cr)
 EDSP 460 Early Childhood Assessment (3 cr)
 EDSP 461 Early Childhood SPED Curriculum (3 cr)
 EDSP 490 Infant Practicum (7-10 cr)

EDTE 320 Foundations of Literacy Development (4 cr)
 EDTE 321 Literature for Children (2 cr)
 EDTE 322 Integrated Language & Literacy (2 cr)
[EDTE 327 Elementary Mathematics Education \(2 cr\)](#)
 EDTE 328 Elementary Social Studies Education (2 cr)
 EDTE 329 Elementary Science Education (2 cr)
 EDTE 484 Elementary Internship II (15 cr)
 Engl 257 or 258 Literature of Western Civilization (3 cr)
 FCS 205 Concepts in Human Nutrition (3 cr)
 FCS 210 Introduction to Early Childhood Education (2 cr)
 FCS 234 Infancy and Early Childhood (3 cr)
 FCS 235 Principles & Methods of Child Observation (3 cr)
 FCS 333 Developmental Curriculum for Young Children (4 cr)
 FCS 340 Parent-Child Relationships in Family & Community (3 cr)
 FCS 435 Feeding Young Children in Group Settings (1 cr)
 FCS 436 Theories of Child & Family Development (3 cr)
 FCS 497 Practicum: Preschool (8 cr)
 Math 301 Early Childhood Mathematics I (3 cr)
[Math 302 Early Childhood Mathematics II \(3 cr\)](#)
 MusT 381 Elementary School Music Methods for Nonmajors (3 cr)
 PEP 350 Elementary Health & Physical Education (3 cr)
 Stat 150 Introduction to Statistics (3 cr)
 US History course (Hist) or US Government course (PolS) (3 cr)
 English electives (9 cr)
 Natural Science electives (8 cr)
 Social Science electives taken from the following disciplines: Hist, PolS, Soc, Anth, Econ, Geog. (9 cr)

Fish and Wildlife Resources

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

Fish **ID424 Fish Health Management** (3 cr). WSU NATRS 421. Epidemiology, prevention, diagnostics, and treatment of infections and non-infectious diseases of free-living and confined finfish and shellfish. Two field trips reqd (a 1-day and a 3-day field trip). Prereq: MMBB 250; Fish 422 recommended. (Spring only)

Food Science & Toxicology

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

FST **WS506 Principles of Pharmacology** (2 cr). WSU P/T 506. Fundamental mechanisms of drug action and the factors that modify drug responses; autonomic and cardiovascular pharmacology.

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

FST **588 Food Science Teaching Practicum** (1-3 cr) Supervised teaching in a university setting. ~~Graded P/F.~~ Prereq: grad standing in M.S. Food Science program and perm.

Forest Products

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

ForP **ID431 Production and Cost Control in Forest Industry** (3 cr). WSU NATRS 439. Intro to production planning and cost control for timber harvesting and forest products processing operations; development and application of machine rates and system production rates; breakeven analysis; machine replacement; cash flow in investment decisions; use of microcomputers in analysis. Prereq: ForP 430 or perm. (Fall, Alt/yr)

Landscape Architecture

Change the prerequisites and corequisites 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. Prereq: LArc major, LArc minor, ~~LArc 245~~, or perm. Coreq: LArc 245. (Fall only)
- 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. Coreq: LArc 356. (Fall only)
- LArc **362 Landscape Architecture III** (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 361.~~ Coreq: LArc 361. (Spring only)

Law

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

Law **983** ~~Legal Research~~ **Directed Study** (1-2 cr, max 4). Individual research on a significant legal problem and the writing of a paper thereon that must be approved by the faculty member under whose direction the work is done. Graded P/F; credits earned are not class hours. Prereq: perm.

Microbiology, Molecular Biology, and Biochemistry

1. Change the credits and prerequisites of the following course [**Effective:** Summer 2005]
MMBB **401 Undergraduate Research** (1-~~2~~⁴ cr, max ~~4~~⁸). Individual study. Prereq: ~~Sr standing and~~ permission of instructor
2. Change the title of the following course [**Effective:** Summer 2005]
MMBB **J442/J542** ~~Biochemistry and Molecular Biology~~ **Advanced Biochemistry II** (3 cr). MMBB 542 same as Chem 542. Intermediate biochemistry; metabolism, molecular physiology, and molecular biology. Extra oral and/or written assignments required for grad credit. Prereq: Chem 372; MMBB 380 or Chem 302 or 306; or perm.
3. Change the corequisite and class meeting information for the following course [**Effective:** Summer 2005]
MMBB **J409/J509 Immunology** (3 cr). Carries no credit after MMBB WS426. Theory and mechanisms of the cellular basis of immune response; antibody structure, function, and synthesis; cell-mediated immunity; complement; hypersensitivity; immunologic diseases; transplantation; tumor immunity. Extra oral and/or written assignments reqd for grad cr. Coreq: MMBB 300 or 380. (Spring only, Alt/yr)
4. Change the prerequisite for the following course [**Effective:** Summer 2005]
MMBB **J488/J588 Genetic Engineering** (3 cr). Techniques and theory underlying practical genetic modifications of plants, microbes, and animals. Extra oral and/or written assignments reqd for grad cr. Recommended Preparation: MMBB 380. Prereq: Gene 314 or Biol 210.
5. Drop the following course [**Effective:** Summer 2005]
MMBB **111 Microbial Genetics** (3 cr). Principles of microbial genetics and their application to model biological systems, including fruit flies, maize, and humans; dominance and epistasis, complementation and recombination, mutation and mutagenesis, reversion and suppression, fate determination and development. Recommended Preparation: Chem 111.

Natural Resources

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

- **NR 210 Management of Forest Ecosystems** (3 cr). Application and integration of forest ecology and basic natural resource management principles to develop a comprehensive management plan to enhance the health and/or use of a forest site. [This course will be a dual enrollment class taught only at the Coeur d'Alene High School for students seeking to learn more about natural resource management.] Recommended Preparation: Biology. (Fall only)
- **NR 510 Natural Resource Leadership** (2 cr). Develops leadership skills to manage natural resource agencies and organizations. Jointly taught by the University of Idaho and the University of Montana in 2, one-week classes. Graded P/F. (Spring only)

Neuroscience

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

Neur **ID521 Biological Signal Processing** (3 cr). WSU Neuro 561. Introduction to computational neuroscience. Neurons and neuron models, basic signaling mechanisms of neurons, networks of neurons, learning models, learning model algorithms, weight-based memory models. The Hodgkin-Huxley model. A principal emphasis in this course is the development of quantitative models and analysis of neural systems. A term project is required.

Plant, Soil and Entomological Sciences

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

- Ent **WS-J426/WS-J526 Population Analysis** (1 cr). WSU Entom 426/526.
- Ent **WS526 Population Analysis** (1 cr). See Ent J426/J526.
- Ent **WS-J429/WS-J529 Principles of Population Dynamics** (1 cr). WSU Entom 429/529.
- Ent **WS529 Principles of Population Dynamics** (1 cr). See Ent J429/J529.

Resource Recreation and Tourism

1. Change the prerequisites of the following courses [**Effective:** Summer 2005]
 - **RRT ID385 Conservation Management and Planning I** (3 cr). WSU NATRS 385. Intro to theory, processes, and techniques for the management and planning of conservation systems including conservation organizations, natural areas, and their uses; focuses on resource and user management programs and techniques such as programming, budgeting, financing, contracting, and personnel management processes as well as conservation planning processes including operational, strategic, and long-range planning for natural sites and larger landscapes. Field trips may be required. Prereq: RRT ~~287, 310~~ or perm. (Fall only)
 - **RRT 386 Conservation Management and Planning II** (3 cr). Advanced theory, processes, and techniques for the management and planning of conservation systems including conservation organizations, natural areas, and their uses; focuses on resource and user management programs and techniques such as programming, budgeting, financing, contracting, and personnel management processes, as well as conservation planning processes including operational, strategic, and long-range planning for natural sites and larger landscapes. Prereq: RRT 310, 385, or perm. (Spring only)

2. Change the curricular requirements of Resource Recreation and Tourism (**B.S.Res.Rc.**) [Effective: Summer 2005]
A total of 128 credits is required for the degree. This includes the university requirements (see regulation J-3), and the course work listed below. Students must select any academic minor (including those in the Department of Resource Recreation and Tourism). Students are also required to do an advisor-approved internship and attend one, two-week long field studies course during summer session. Special fees are required for this and a few other courses.

Required Course work includes the university requirements (see regulation j-3) and:....

Three of the following social science elective courses, from a total of two disciplines (9 cr)

- Anth 410 Research Methods in Anthropology (3 cr)
- Anth 428 Social and Political Organization (3 cr)
- Anth 462 Human Issues in International Development (3 cr)....
- RRT 486 Public Involvement in Natural Resource Management (3 cr)
- RRT 487 Environmental Education (3 cr)
- RRT 490 Wilderness and Protected Area Management (3 cr)
- RRT 493 International Land Preservation and Conservation Systems (3 cr)
- RRT 494 Public Relations for Natural Resources Professionals (3 cr)
- ~~Soc 310 Methods of Social Research (3 cr)~~
- Soc 313 Collective Behavior (3 cr)
- Soc 414 Development of Social Theory (3 cr)
- Soc 423 Social Stratification (3 cr)
- Soc 424 Sociology of Gender (3 cr)

Electives to total 128 cr for the degree

COURSES TO BE MADE DORMANT [Effective: Summer 2005]

If it is determined by the Registrar's Catalog Editor that a course has not been offered in the last four years, he/she will initiate the process to make the course dormant.

Animal and Veterinary Science

- AVS 178 Swine Management Lab
- AVS 488 Perspectives in Biotechnology
- AVS 513 Protein/Energy Nutritn
- AVS 538 Neuroendocrinology
- AVS 560 Domestic Animal Growth/Develop

Family and Consumer Sciences

- FCS 318 Merchandising Mathematics
- FCS 520 Res Meths/Behvrl Nutri
- FCS 522 Res Meth/Hum Devel II
- FCS 526 Adv Community Nutritn

Fish and Wildlife Resources

- WLF 441 Behavioral Ecology
- WLF 443 Multi-Species Interactions
- WLF 547 Predator-Prey Relationships

Forest Resources

- FOR 324 Silviculture I
- FOR 455 For Soil:Morph/Func/Spatl Dyn
- FOR 479 Forest Contracting

Health, Physical Education, Recreation and Dance

- DAN 415 Dance Lab
- DAN 525 Dance Production
- PEP 323 Skills & Analysis/Team Activity

Plant, Soil, and Entomological Sciences

- Ent 426 Population Analysis
- Ent 449 Veterinary Entomology
- Ent 507 Genet/Molec Aspct/Biol Control
- Ent 508 Rearing/Insect/Quarantine Oper
- Ent 509 Integrd Chemical Control/Pests
- Ent 429 Princ of Population Dynamics
- Ent 515 Sampling Insect Populations
- Ent 516 Mechanisms of Host Plnt Resist
- Ent 526 Population Analysis
- Ent 529 Princ of Population Dynamics
- Ent 551 Appl Biol Cntrl:Weeds

DORMANT COURSES TO BE DROPPED [Effective: Summer 2004]

If a course remains dormant for two years, the Registrar's Catalog Editor will initiate the process to drop the course unless the department takes the necessary steps to redisplay the course in the catalog.

Biological & Agricultural Engineering

BAE 454 Drainage System Design

BAE 554 Drainage System Design

FOR THE FACULTY'S INFORMATION

Correction to General Curriculum Report 231:

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)

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

ASM **WS203 Agricultural Structures** (3 cr). WSU AgTM 203.

ASM **WS434 Agricultural Processing Laboratory** (1 cr) WSU AgTM 434.

Other Informational Changes: