General Curriculum Report #287
UNIVERSITY OF IDAHO – OFFICE OF THE REGISTRAR
FEBRUARY 17, 2017

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 Senate 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 Senate 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.

All Items below are considered effective Summer 2017 unless otherwise noted with the approved item.

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES

1. Change the following course:

   **AGLS 494 CALS Peer Mentors Leaders (1 cr, max 3)**

   The CALS Peer Mentors Leaders provides students the opportunity to further develop leadership and mentoring skills through a variety of activities involving recruitment, campus outreach, and new student mentoring. The objective is to welcome new integrate students into college life; create awareness of the academic programs; and be available to guide students by fostering department and college engagement. Graded A/Pass/Fail.
   **Prereq:** Departmental Permission

2. Make the following changes to the Agricultural and Life Science Core:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGED 406</td>
<td>Exploring International Agriculture</td>
<td>3 cr</td>
</tr>
<tr>
<td>AGED 451</td>
<td>Communicating in Agriculture</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOIL 205</td>
<td>The Soil Ecosystem</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOIL 206</td>
<td>The Soil Ecosystem Lab</td>
<td>1 cr</td>
</tr>
<tr>
<td>STAT 251</td>
<td>Statistical Methods</td>
<td>3 cr</td>
</tr>
<tr>
<td>COMM 101</td>
<td>Fundamentals of Public Speaking</td>
<td>2 cr</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Microeconomics</td>
<td>3 cr</td>
</tr>
<tr>
<td>AGEC 278</td>
<td>Farm and Agribusiness Management</td>
<td>4 cr</td>
</tr>
<tr>
<td>BIOL 115</td>
<td>Cells and the Evolution of Life</td>
<td>3 cr</td>
</tr>
<tr>
<td>BIOL 115L</td>
<td>Cells and the Evolution of Life Laboratory</td>
<td>1 cr</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASM 305</td>
<td>GPS and Precision Agriculture</td>
<td>3 cr</td>
</tr>
<tr>
<td>ASM 412</td>
<td>Agricultural Safety and Health</td>
<td>2 cr</td>
</tr>
<tr>
<td>PLSC 207/GENE 207</td>
<td>Introduction to Biotechnology</td>
<td>3 cr</td>
</tr>
</tbody>
</table>
One of the following (4cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 101</td>
<td>Introduction to Chemistry I</td>
<td>4 cr</td>
</tr>
<tr>
<td>CHEM 111</td>
<td>Principles of Chemistry I</td>
<td>4 cr</td>
</tr>
</tbody>
</table>

One of the following (3-4cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 143</td>
<td>Pre-calculus Algebra and Analytic Geometry</td>
<td>3 cr</td>
</tr>
<tr>
<td>MATH 160</td>
<td>Survey of Calculus</td>
<td>4 cr</td>
</tr>
<tr>
<td>MATH 170</td>
<td>Analytic Geometry and Calculus I</td>
<td>4 cr</td>
</tr>
</tbody>
</table>

One of the following (3-4cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 101</td>
<td>Fundamentals Public Speaking</td>
<td>2 cr</td>
</tr>
<tr>
<td>ENGL 207</td>
<td>Persuasive Writing</td>
<td>3 cr</td>
</tr>
<tr>
<td>ENGL 313</td>
<td>Business Writing</td>
<td>3 cr</td>
</tr>
<tr>
<td>ENGL 316</td>
<td>Environmental Writing</td>
<td>3 cr</td>
</tr>
<tr>
<td>ENGL 317</td>
<td>Technical Writing</td>
<td>3 cr</td>
</tr>
<tr>
<td>ENGL 318</td>
<td>Science Writing</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

AGRICULTURAL AND EXTENSION EDUCATION

1. Change the following courses:

   **AgEd 453 Program Planning and Evaluation** in Secondary and Adult Agricultural Education (1 or 3 cr)
   Planning, organizing, and implementing secondary and adult programs in agriculture. Includes only the adult section of the course when taken for 1 cr. Class taught on an accelerated schedule. This course is to be taken during the student teaching semester. (Spring only)
   Prereq: AgEd 180, AgEd 452 Agricultural Education major and Permission
   Prereq or Coreq: AgEd 358

   **AgEd 470 Proseminar in Agricultural Education** (1 cr, max 2)
   Professional issues in agricultural education. Fall semester includes additional 8-hour Saturday session for CPR and first aid training.
   Prereq: Admission to Teacher Education Program or Permission

2. Make the following curricular changes to the **Major in Agricultural Science, Communication and Leadership** (B.S.Ag.L.S.):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 201</td>
<td>Introduction to Financial Accounting</td>
<td>3 cr</td>
</tr>
<tr>
<td>AGEC 278</td>
<td>Farm and Agribusiness Management</td>
<td>4 cr</td>
</tr>
<tr>
<td>AGEC 289</td>
<td>Agricultural Markets and Prices</td>
<td>3 cr</td>
</tr>
<tr>
<td>AGED 180</td>
<td>Introduction to Agricultural Education</td>
<td>1 cr</td>
</tr>
<tr>
<td>AGED 450</td>
<td>Developing Leaders</td>
<td>2 cr</td>
</tr>
<tr>
<td>AGED 451</td>
<td>Communicating in Agriculture</td>
<td>3 cr</td>
</tr>
<tr>
<td>BIOL 115</td>
<td>Cells &amp; the Evolution of Life</td>
<td>3 cr</td>
</tr>
<tr>
<td>BIOL 115L</td>
<td>Cells and the Evolution of Life Laboratory</td>
<td>1 cr</td>
</tr>
<tr>
<td>ECON 202</td>
<td>Principles of Microeconomics</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

5-10 credits required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGED 498</td>
<td>Internship</td>
<td>1-10 cr</td>
</tr>
<tr>
<td></td>
<td>Max 10 cr</td>
<td></td>
</tr>
</tbody>
</table>
Additional Natural and Applied Science (4 cr):

| Additional Natural and Applied Sciences | 4 cr |

Upper-Division Agricultural Economics elective (3 cr):

AGEC Upper-Division Agricultural Economics Elective 3 cr

One of the following (18–20 cr):

*Nine Ten* credits in two different subject areas chosen from:
Agricultural System Management (ASM)
Animal and Veterinary Science (AVS)
Entomology (ENT)
Family and Consumer Science (FCS)
Food Science (FS)
Plant Science (PLSC)
Soils (SOIL)

*OR*

*Fifteen* credits in one subject area chosen from:
Agricultural System Management (ASM)
Animal and Veterinary Science (AVS)
Entomology (ENT)
Family and Consumer Science (FCS)
Food Science (FS)
Plant Science (PLSC)
Soils (SOIL)

and *Six Five* credits from a Foreign Language.

Communication Electives including one upper-division course (12 cr):

<table>
<thead>
<tr>
<th>EDCI 410</th>
<th>Technology, Teaching, &amp; Learning</th>
<th>2 cr</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 233</td>
<td>Interpersonal Communication</td>
<td>3 cr</td>
</tr>
<tr>
<td>COMM 332</td>
<td>Communication and the Small Group</td>
<td>3 cr</td>
</tr>
<tr>
<td>COMM 410</td>
<td>Conflict Management</td>
<td>3 cr</td>
</tr>
<tr>
<td>COMM 431</td>
<td>Applied Business and Professional Communication</td>
<td>3 cr</td>
</tr>
<tr>
<td>JAMM 100</td>
<td>Media and Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>JAMM 121</td>
<td>Media Writing</td>
<td>3 cr</td>
</tr>
<tr>
<td>JAMM 252</td>
<td>Introduction to Public Relations</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

Leadership Electives (12 cr):

| AGED 181 | Introduction to Extension Education | 1 cr |
| AGED 252 | Developing Community and Collegiate Organizations | 3 cr |
| AGED 359 | Developing 4-H Youth Programs | 2 cr |
| AGED 448 | Foundations of Extension Education | 2 cr |
| BUS 311 | Introduction to Management | 3 cr |
| BUS 413 | Organizational Behavior | 3 cr |
| BUS 418 | Managing Organization Design and Leading Changes | 3 cr |
| NRS 486 | Public Involvement in Natural Resource Management | 3 cr |
| MS 101 | Intro to the Army & Critical Thinking | 1 cr |
| MS 102 | Intro to the Profession of Arms | 1 cr |
| MS 201 | Foundations of Leadership I | 2 cr |
MS 202  Foundations of Leadership II  2 cr
REC 254  Camp Leadership in Recreation and Sport  3 cr

Courses to total 120 credits for this degree

3. Make the following curricular changes to the **Major in Agricultural Education** (B.S.Ag.Ed):

AGED 180  Introduction to Agricultural Education  1 cr
AGED 258  Experiential Learning and SAE Programs  1 cr
AGED 351  Principles and Philosophy of Career and Technical Education  3 cr
AGED 358  Supervising FFA and SAE Programs  3 cr
AGED 451  Communicating in Agriculture  3 cr
AGED 452  Methods of Teaching Agriculture  4 cr
AGED 453  Program Planning in Secondary and Adult Agricultural Education  1-3 cr - Max 3 cr

Three credits required

AGED 454  Facilities Organization and Management  2 cr
AGED 460  Practicum: Secondary School Teaching in Agriculture  10 cr
AGED 461  Student Teaching Portfolio  2 cr
AGED 470  Proseminar in Agricultural Education  1 cr - Max 2 cr
AGED 471  Senior Capstone in Agricultural Education  1 cr
ASM 107  Beginning Welding  2 cr
ASM 202  Agricultural Shop Practices  2 cr
ASM 210  Small Engines  2 cr
ASM 407  Advanced Welding  1 cr
BIOL 115  Cells & the Evolution of Life  3 cr
BIOL 115L  Cells and the Evolution of Life Laboratory  1 cr
COMM 101  Fundamentals Public Speaking  2 cr
EDCI 201  Contexts of Education  2 cr
EDCI 301  Lrng, Dvlpmnt, & Assessment  3 cr
EDCI 453  Phonics, Phonological Awareness, Fluency, and Assessment  1 cr
EDCI 463  Literacy Methods for Content Learning  3 cr
EDSP 300  Educating for Exceptionalities  2 cr
PSYC 101  Introduction to Psychology  3 cr

**ANIMAL AND VETERINARY SCIENCE**

1. Add the following course:

**AVS 110L Science of Animal Husbandry Lab (1 cr)**
Laboratory to support teaching in AVS 110; introductory applications of fundamentals of animal science to domestic animal management and production. One 2-hr lab a wk.

**Prereq:** AVS 109

**Coreq:** AVS 110
2. Change the following courses:

**AVS 20910 Science of Animal Husbandry (43 cr)**
Fundamental concepts of animal husbandry and its foundation in the science of animal production; introduction to the technical subject matter of animal production. **Three lee and one 2-hr lab a week.**
**Prereq:** AVS 109

**AVS 305 Animal Nutrition (34 cr)**
Introduction of the concepts and principles of animal nutrition; fundamentals of nutrients and their digestion and metabolism; various biochemical pathways and processes for nutrient utilization; nutrition fundamentals for a range of monogastric and ruminant animals. Recommended Preparation: Biol 115 and Chem 111. Cooperative: open to WSU degree-seeking students.
**Prereq:** AVS 109

**FOOD SCIENCE**

1. Add the following cooperative courses:

**FS 407 Evaluation of Dairy Products Lab (1 cr)**
Identifying defects in dairy products and intense trainings for Collegiate Dairy Products Evaluation competition. Cooperative course available to WSU degree-seeking students.
**Coreq:** FS 406

**FS 519 Food Rheology (3 cr)**
Rheology is the study of flow, deformation and friction. This course, will cover the fundamentals of rheology, including stress, strain, flow behaviors, pipe flow, viscoelasticity, and tribology. In the lab component, we will learn how to correctly set up and run tests. Both the lecture and the lab will focus on sound application of rheological principles for interpretation of rheological data. Cooperative course available to WSU degree-seeking students.

**FS 575 Food Quality Management (3 cr)**
Discuss the principles and practices of commonly used quality management systems used to maintain and improve the quality of their products and services. Use statistical tools to monitor and assess quality. Cooperative course available to WSU degree-seeking students.
**Prereq:** STATS 251, FS 302 and FS 303

2. Change the following courses:

**FS 201 Science on Your Plate (3 cr)**
Applications of science, scientific literacy, and critical thinking as related to the development and manufacture of modern food products and their use in modern civilizations. This is a cooperative course available to WSU degree-seeking students.
**Prereq or Coreq:** One science or physical science course

**FS 304 Cereal Chemistry and Processing (3 cr)**
This course has been designed to provide students with a breadth of knowledge in the field of cereal grain science. This course will cover cereal and legume structure, chemistry, and function as it relates to processing and utilization. Cooperative: open to WSU degree-seeking students.
**Prereq:** Chem 275 and Chem 276 or CHEM 277
FS 406 Evaluation of Dairy Products I (12 cr)
Identifying defects in dairy products and relating these defects to their probable cause; remedies. **Recommended Preparation:** FS 329, FS 429 and FS 433. Cooperative: open to WSU degree-seeking students. (Spring only).

FS 475 Statistical Quality Management Tools for of Food Products (3 cr)
Apply modern statistical methods for quality control and improvement of biomanufactured goods. The course is designed to expose the student to principles of statistical process control while providing a basis of application in a variety of situations and systems. Cooperative: open to WSU degree-seeking students. Describe fundamental concepts for quality management and improvement of biomanufactured goods. Apply principles of statistical process control in a variety of situations and systems. Cooperative course available to WSU degree-seeking students. **Prereq:** FS 302 and FS 303 and Stat 251
**Coreq:** FS 302 and FS 303; STATS 212 or STATS 251 or permission from instructor

FS 512 Food Proteins and Enzymes Protein Structure and Function (2 cr)
Chemistry/biochemistry of proteins/enzymes applied to food research and industry; protein functionality/ enzyme technology application to food industry. Cooperative: open to WSU degree-seeking students.

FS 517 Scientific Writing (2 cr, max 4)
Planning, writing, reporting, reviewing and evaluating current food-related research. Cooperative: open to WSU degree-seeking students. **Open to Food Science Graduate Students Only**

FS 518 Oral Seminar (1 cr)
Development of skills and communication tools and techniques for oral presentations of current food science research. Additional projects/assignments required for graduate credit. Cooperative: open to WSU degree-seeking students. **Open to Food Science Graduate Students Only.**

**PLANT, SOIL AND ENTOMOLOGICAL SCIENCES**
1. Add the following course:

**PLSC 420 Plant Community Restoration Methods (2 cr)**
Students will participate in classroom discussions surrounding topics that are important to modification and implementation of a restoration plan. Students will also participate in practical, hands-on activities during laboratory periods. Those activities include operation of equipment for cultivation and seeding, calibration of herbicide sprayers, calibration of drills, transplanting techniques, monitoring and evaluation of restoration projects and visits to restoration projects.
**Prereq:** REM 221, equivalent or permission

2. Make the following curricular changes to the **Major in Sustainable Food Systems** (B.S.Ag.L.S.):

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOIL 417</td>
<td>Market Garden Practicum</td>
<td>1-6 cr - Max 6 cr</td>
</tr>
<tr>
<td><strong>Note:</strong> Students must complete 3 credits min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOIL 427</td>
<td>Sustainable Food Systems</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOIL 446</td>
<td>Soil Fertility</td>
<td>1-3 cr - Max 3 cr</td>
</tr>
<tr>
<td><strong>Note:</strong> Students must complete 3 credits</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<th>Description</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SOIL 417</td>
<td>Market Garden Practicum</td>
<td>1-6 cr - Max 6 cr</td>
</tr>
<tr>
<td><strong>Note:</strong> Students must complete 3 credits min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOIL 427</td>
<td>Sustainable Food Systems</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOIL 446</td>
<td>Soil Fertility</td>
<td>1-3 cr - Max 3 cr</td>
</tr>
<tr>
<td><strong>Note:</strong> Students must complete 3 credits</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3 cr
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 486</td>
<td>Regional Economic Development Theory</td>
<td></td>
</tr>
<tr>
<td>AGED 181</td>
<td>Introduction to Extension Education</td>
<td>1 cr</td>
</tr>
<tr>
<td>ASM 315</td>
<td>Irrigation Systems and Water Management</td>
<td>3 cr</td>
</tr>
<tr>
<td>AVS 109</td>
<td>The Science of Animals that Serve Humanity</td>
<td>4 cr</td>
</tr>
<tr>
<td>BIOL 115</td>
<td>Cells &amp; the Evolution of Life</td>
<td>3 cr</td>
</tr>
<tr>
<td>ENT 322</td>
<td>General and Applied Entomology</td>
<td>4 cr</td>
</tr>
<tr>
<td>FCS 205</td>
<td>Concepts in Human Nutrition</td>
<td>3 cr</td>
</tr>
<tr>
<td>FOR 221/</td>
<td>Ecology</td>
<td>3 cr</td>
</tr>
<tr>
<td>REM 221</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FS 110</td>
<td>Introduction to Food Science</td>
<td>3 cr</td>
</tr>
<tr>
<td>FS 220</td>
<td>Food Safety and Quality</td>
<td>3 cr</td>
</tr>
<tr>
<td>FS 436</td>
<td>Principles of Sustainability</td>
<td>3 cr</td>
</tr>
<tr>
<td>PLSC 102</td>
<td>The Science of Plants in Agriculture</td>
<td>3 cr</td>
</tr>
<tr>
<td>PLSC 338</td>
<td>Weed Control</td>
<td>4 cr</td>
</tr>
<tr>
<td>PLSC 400</td>
<td>Seminar</td>
<td>1 cr</td>
</tr>
<tr>
<td>SOIL 400</td>
<td>Seminar</td>
<td>1 cr</td>
</tr>
<tr>
<td>PLSC 451</td>
<td>Vegetable Crops</td>
<td>3 cr</td>
</tr>
<tr>
<td>POLS 364/</td>
<td>Politics of the Environment</td>
<td>3 cr</td>
</tr>
<tr>
<td>NRS 364</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC 101</td>
<td>Introduction to Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 350</td>
<td>Food, Culture, and Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOIL 210</td>
<td>Food Systems and Healthy Lifestyles</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOIL 398</td>
<td>Internship</td>
<td>1-6 cr  - Max 6 cr</td>
</tr>
</tbody>
</table>

Three credits of SOIL 398 required.

One of the following (3-4 cr):

<table>
<thead>
<tr>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 278</td>
<td>Farm and Agribusiness Management</td>
<td>4 cr</td>
</tr>
<tr>
<td>AGEC 289</td>
<td>Agricultural Markets and Prices</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

One of the following (2 cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGED 447</td>
<td>Adult Education in Agriculture</td>
<td>2 cr</td>
</tr>
<tr>
<td>AGED 448</td>
<td>Foundations of Extension Education</td>
<td>2 cr</td>
</tr>
</tbody>
</table>

One of the following (3 cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 275</td>
<td>Carbon Compounds</td>
<td>3 cr</td>
</tr>
<tr>
<td>CHEM 277</td>
<td>Organic Chemistry I</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

One of the following (3-5 cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 154</td>
<td>Introductory Microbiology</td>
<td>3 cr</td>
</tr>
<tr>
<td>AND</td>
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</tr>
<tr>
<td>BIOL 155</td>
<td>Introductory Microbiology Laboratory</td>
<td>1 cr</td>
</tr>
<tr>
<td>BIOL 250</td>
<td>General Microbiology</td>
<td>3 cr</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 255</td>
<td>General Microbiology Lab</td>
<td>2 cr</td>
</tr>
<tr>
<td>BIOL 300</td>
<td>Survey of Biochemistry</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

Courses to total 128 credits for this degree
COLLEGE OF BUSINESS AND ECONOMICS

ACCOUNTING

1. Add and joint list the following courses:

ACCT J421/J521 Accounting Data Analytics (3 cr)
Role of accounting data analytics in the detection and assessment of fraud in an organizational setting. Topics include: definitions and detection of fraud; the data analysis cycle and data analytic and statistical techniques; and the application of these techniques to a variety of types of fraud.
Prereq: ACCT 315

ACCT 521 Accounting Data Analytics (3 cr)
See ACCT J421/J521.

2. Make the following curricular changes to the Accounting Major (B.S.Bus.):

ACCT 305 Accounting Information Systems 3 cr
ACCT 315 Intermediate Financial Accounting I 3 cr
ACCT 325 Intermediate Financial Accounting II 3 cr
ACCT 385 Cost and Management Accounting 3 cr
ACCT 483 Fundamentals of Federal Taxation 3 cr
ACCT 492 Auditing and Controls 3 cr

Accounting Electives chosen from the following (6 cr):
ACCT 415 Advanced Financial Accounting & Reporting 3 cr
ACCT 420 Accounting Data Analytics 3 cr
ACCT 440 Fraud Examination 3 cr
ACCT 484 Federal Taxation of Entities 3 cr
ACCT 530 Accounting for Public Sector Entities 3 cr
ACCT 585 Estate and Elder Planning 3 cr
BLAW 420 Commercial Law 3 cr
BLAW 425 Law of Business Entities 3 cr

BUSINESS

1. Add the following course:

MKTG 431 Marketing Analytics (3 cr)
Marketing Analytics is concerned with concepts, tools, methods, and applications of modeling and decision making to address important marketing issues such as pricing, segmentation, positioning, market forecasting, new product management and development, sales force management, and promotion planning. The course is aimed at providing students with analytic and interpretive skills needed to make intelligent and critical use of marketing data.
Prereq: Mktg 421
Coreq: Stat 431

2. Change the following courses:

BUS 301 Financial Resources Management (3 cr)
This course examines the policies and practices involved in the allocation of financial resources in business organizations; develops the tools needed to use financial data for analysis and financial decision making. May involve evening exams.
Prereq: Acct 201 and Acct 202; and Stat 251 or Stat 301; and Econ 202 or Econ 272; and Bus 252 or Math 330
BUS 302 Intermediate Financial Management (3 cr)
Advanced course in managerial finance that addresses more complex issues such as risk in capital budgeting, working capital management, mergers, business failure and reorganization, and lease financing. May involve evening exams.
Prereq: Bus 301; Acct 202; Econ 201 or Econ 272; Bus 252

BUS 310 Leading Organizations and People (3 cr)
Great leaders are made, not born. This course prepares students to effectively acquire and deploy human capital, lead individuals and teams, inspire and motivate people to perform the tasks needed to achieve ambitious goals, and inspire innovation. Includes international and ethical issues. May involve evening exams and presentation practices.
Prereq: Acct 201 or Acct 202, and Bus 190, and Econ 201 or Econ 202 or Econ 272, and Sophomore Standing

BUS 420 Promotional Strategy Integrated Marketing Communications (3 cr)
Marketing management point of view: objectives, methods, strategies, budgets, and measures of effectiveness; campaign management including advertising, public relations, sales promotion, reseller support, personal selling. May involve evening exams. Integrated Marketing Communications (IMC) from a marketing strategy perspective. Application of the IMC planning process and examination of the role of integration to create consistency of strategy using traditional promotion elements (advertising, public relations, sales promotion, reseller support, personal selling) and new media. May involve evening exams.
Prereq: Bus 321

BUS 463 Portfolio Management (3 cr)
Application of security selection, portfolio theory and construction; financial futures; risk and return in investments; may involve management of actual portfolios.
Prereq: Bus 302
Coreq: Bus 302

BUS 465 Introduction to Market Trading (3 cr)
Provides students practical experiences in the analysis of financial conditions and markets with the objective of developing trading and risk management strategies. Professional trading analysis software is used. The major topics covered include financial instruments, fundamental and technical analysis of markets, inter-market analysis, and risk management. Recommended Preparation: Econ 201 and Econ 202 or Econ 272; and Stat 251. (Fall only)
Prereq: Permission
Coreq: Bus 302 or Permission

Bus 495 Product Development and Brand Management (3 cr)
Gen Ed: Senior Experience
Same as RMat 495. This course examines product development strategy and the management of brands. Topics will include strategic intent of product development, the process of product development (ideation through post product launch evaluation), market and financial feasibility of product development, trends in product development, and managing brands (strategic brand management and managing brand equity). Principles of product planning, development and commercialization; concept testing; product life cycle management; portfolio analysis; targeting and positioning; team management; and implementing product decisions. (Fall only)
Prereq: Econ 201, 202 or 272; and Bus 321
Coreq: Bus 321
3. Make the following curricular changes to the Entrepreneurship Undergraduate Academic Certificate:

**BUS 414**  Entrepreneurship  3 cr  
**BUS 415**  New Venture Creation  3 cr

**One of the following accounting courses (3 cr):**

**ACCT 482**  Enterprise Accounting  3 cr  
**ACCT 486**  Contemporary Management Accounting Issues  3 cr  
**ACCT 582**  Enterprise Accounting  3 cr

**Technical electives (3 cr):**

**AGEC 415**  Entrepreneurial Skills in Agribusiness Management  1 cr  
**AGEC 478**  Advanced Agribusiness Management  3 cr  
**ARCH 475**  Professional Practice  3 cr  
**ARCH 556**  Graduate Project  6 cr  
**ART 410**  Professional Practices  2 cr  
**ART 490**  BFA Art/Design Studio  6 cr - Max 12 cr

**Bus 353**  Application Development  3 cr  
**BE 478**  Engineering Design I  3 cr  
**BE 479**  Engineering Design II  3 cr  
**BUS 428**  Marketing Management  3 cr  
**BUS 490**  Strategic Management  3 cr  
**CHE 451**  Environmental Management and Design  1-16 cr  
**CHE 452**  Environmental Management and Design  1-16 cr  
**CS 481**  CS Senior Capstone Design II  3 cr  
**ECE 480**  EE Senior Design I  3 cr  
**ECE 481**  EE Senior Design II  3 cr  
**ECE 482**  Computer Engineering Senior Design I  3 cr  
**ECE 483**  Computer Engineering Senior Design II  3 cr  
**FCS 496**  Internship: Fashion Business  2-8 cr - Max 8 cr  
**FS 489**  Food Product Development  3 cr  

**GEOG 340**  Business Location Decisions  3 cr  OR  
**GEOG 540**  Business Location Decisions  3 cr

**GEOG 360**  Population Dynamics and Distribution  3-4 cr - Max 4 cr  OR  
**GEOG 560**  Population Dynamics and Distribution  3-4 cr - Max 4 cr

**GEOG 385**  GIS Primer  3 cr  
**ME 410**  Principles of Lean Manufacturing  3 cr  
**ME 426**  Mechanical Systems Design II  3 cr  
**STAT 446/ BUS 446**  Six Sigma Innovation  3 cr

**Courses to total 12 credits for this certificate**
COLLEGE OF EDUCATION

CURRICULUM AND INSTRUCTION

1. Add the following courses:

**EDCI 413 Data Analysis and Probability (3 cr)**
Examines the understandings that are foundational to probability and data analysis, and how grade 5-10 students develop these ideas. Topics include experimental and theoretical probability, sample space, independent and dependent events, measures of central tendency and spread, and data representations. Emphasis will be on proof and argumentation and modeling with mathematics to draw conclusions, on the specialized mathematics knowledge for teaching, and how engagement in this content exemplifies the mathematical practices expressed in CCSS-M.

**EDCI 416 Proportional and Algebraic Reasoning (3 cr)**
This course examines topics related to the development and application of reasoning with proportional quantities, and how students develop an understanding of these, application of rational number and operations, and how grade 5-10 students develop algebraic reasoning from arithmetic thinking, by abstracting from computation and working with generalized numbers. Topics include comparison, ratio, proportion, rate, equality and relational thinking, generalizing, patterns, and modeling. Emphasis will be on modeling with mathematics to analyze problems, reasoning abstractly and quantitatively, looking for and making sense of structure, proof and argumentation, the specialized mathematics knowledge needed for teaching these topics, and on how engagement in this content exemplifies the mathematical practices expressed in CCSS-M.

2. Change the following course:

**EDSP 300 Educating for Exceptionalities (23 cr)**
Introduction to exceptionalities and strategies for addressing individual differences to ensure student success in the classroom.

EDUCATION

1. Add the following courses:

**ED 250 CoEd Student Ambassador (1 cr, max 2)**
The College of Education Ambassadors are a select group of students representing all departments within our college and assist the college in recruitment and retention of highly qualified students, and promotional activities.

**ED 591 Indigenous and Decolonizing Research Methods (3 cr)**
In this course, students will explore the historic and current discourse in Indigenous and Decolonizing Research. From an interdisciplinary perspective, students will analyze knowledge production through histories of Indigenous persistence and resistance to colonial power. Course content will expose students to methodologies grounded in the lived experiences and histories of individuals and communities marginalized by the colonial legacy, and will seek to engage students in research which invigorates connections, struggles, and knowledges to reflect reciprocal benefit to communities beyond the academy.

MOVEMENT SCIENCES

1. Add the following courses:

**AT 634 Introduction to Quantitative Data Analysis and Interpretation in Patient Care (2 cr)**
This course introduces quantitative research design, methods of measurement, and introductory data analysis skills for health care professionals. The goals are for students to develop an introductory understanding of quantitative design, develop skills to perform basic data analysis procedures, and begin to develop the skills to
interpret findings from quantitative data analysis research projects.
Prereq: Permission

AT 635 Intermediate Quantitative Data Analysis & Interpretation in Patient Care (2 cr)
This course provides an in-depth analysis of quantitative research design and data analysis for health care professionals. The goal is to prepare health care students to apply quantitative research design and data analysis skills in patient care. The goals are for students to develop sound understanding of research design and be able to utilize correlational, reliability, and univariate data analysis skills to answer important research questions in patient care. Students will learn to interpret and disseminate their findings to other health care professionals.
Prereq: Permission

REC 380 Principles of Travel and Tourism (3 cr)
Tourism is “the largest scale movement of goods, services, and people that humanity has ever seen.” This course provides an overview of tourism as an industry and a sociocultural phenomenon from local to international levels as well as the economic, social, and environmental impacts of tourism on local communities.

2. Change the following courses:

| AT 610 Seminar in Athletic Training I Advances in Manual Therapy and Practice (3 cr) |
| Selected readings from peer reviewed articles will be examined and discussed. Translation of research findings to current clinical practice will be emphasized. |
| Prereq: Permission |

| AT 611 Seminar in Athletic Training II Integrative Manual Therapy and Practice (3 cr) |
| Selected readings from peer reviewed articles will be examined and discussed. Translation of research findings to current clinical practice will be emphasized. Novel intervention theories, techniques, strategies, will be presented, discussed, practiced as related to patient care and practice based evidence. |
| Prereq: Permission |

| AT 620 Research Methods & Evidence Based Practice in Patient Care in Athletic Training I (3 cr) |
| This course introduces common research performed in Athletic Training patient care. Development of in-depth understanding in areas and types of research underlying quantitative research design will be explored. Introduction to critiquing literature for the purpose of developing a theoretical framework will be included. |
| Prereq: Permission |

| AT 621 Research Methods in Athletic Training II Action Research in Patient Care (3 cr) |
| This course introduces Statistical methods employed in clinical research. Topics including statistical terminology, measures of central tendency, Hypothesis testing and common parametric tests will be the content for the course. This course sets the foundation for action research in clinical practice. Development of a research question and justification with literature review will be employed. Purpose and methods of institutional review will be evaluated. Further discussion will elucidate the importance of becoming a scholarly practitioner. |
| Prereq: Permission |

| AT 622 Advanced Action Research in Athletic Training Designing and Conducting Applied Research in Patient Care (3 cr) |
| This course is a continuation of clinical research in athletic training and advances the students understanding of research methods in action research. This continues the process of applied research in clinical practice. Development of methods to test a chosen hypothesis will be created. Exploration of statistical methods to test the clinician’s hypothesis will be compared. Dissertation proposal will be developed. |
| Prereq: AT 620 and AT 621 |
AT 623 **Introduction to Survey and Qualitative Methods and Research Design in Athletic Training Patient Care** (3 cr)
This course introduces common qualitative methodologies and survey research design in patient care. 
Prereq: AT 620, AT 621, and AT 622

AT 624 **Advanced Quantitative Data Analysis & Interpretation in Patient Care Methods and Statistics in Athletic Training** (3 cr)
This course is a continuation of clinical research in athletic training and advances the students understanding of quantitative research methods and statistics utilized in health professions. This course provides an in-depth analysis of quantitative research design and data analysis for health care professionals. The goal is to prepare health care students to apply quantitative research design and data analysis skills in patient care. Students will develop sound understanding of research design and be able to utilize regression, factor analysis, and multivariate data analysis skills to answer important research questions in patient care. Students will learn to interpret and disseminate their findings to other health care professionals. 
Prereq: AT 620, AT 621, AT 622, and AT 623

AT 625 **Dissertation of Culminating Clinical Practice Project Improvement: Analysis and Dissemination of Action Research Project** (3 cr)
This continues the process of action research in clinical practice. Data analysis of the student’s research will be performed. Introduction to manuscript writing, dissemination of knowledge in written, oral and poster presentation and a focus on journal review will be the context for this course. Student will successfully present their findings and prepare manuscript in journal ready format. This course is a continuation of clinical research in athletic training and is the culmination of the students research methods in action research related to their Doctor of Athletic Training Studies. 
Prereq: AT 620, AT 621, AT 622, AT 623, and AT 624

AT 630 **Current Issues in Clinical Practice: Holistic Foundations of Pain in Patient Care** (32 cr)
This course explores current topics in clinical practice that influence quality care and methods of measurement and evaluation for quality assessment. Exploration to common instrumentation utilized by clinicians will be discussed and compared to literature utilizing the instruments for research purposes. This course explores current topics in clinical practice, related to the foundations of pain in the human body that influence quality care and methods of measurement and evaluation for quality assessment. Exploration to common instrumentation utilized by clinicians will be discussed and compared to literature utilizing the instruments for research purposes. 
Prereq: Permission

AT 631 **Current Issues in Clinical Practice II: Theory and Application of Current and Novel Paradigms in Patient Care** (32 cr)
This course explores current topics and causes of musculoskeletal injuries to the extremities. An in-depth look at epidemiology, biomechanics and other topics related to musculoskeletal injuries of the extremities will be emphasized. Building on foundation of AT 630, this course illustrates the implications of holistic theories of pain by exploring and integrating appropriate novel interventions within efficacious patient care. 
Prereq: Permission

AT 632 **Current Issues in Clinical Practice III: Integrative Patient Care for the Spine and Pelvic Girdle** (3 cr)
This course explores current topics of interest areas of practicing professionals. An in-depth look at theory, research, and art of the chosen interest area will be explored. Focus will be in critically analyzing areas such as anatomy, pathophysiology, biomechanics, theoretical framework or ethical principles to explain the students chosen topic. This course explores current topics and causes of musculoskeletal injuries to the spine and pelvis. An in-depth look at epidemiology, biomechanics and other topics related to musculoskeletal injuries of the lumbar spine and pelvis will be emphasized. 
Prereq: Permission
AT 633  **Current Issues in Clinical Practice IV. Application of Advanced Practice Skills: A Practice-Based Evidence Approach** (3 cr)
This course explores current topics of interest areas of practicing professionals. An in-depth look at theory, research, and art of the chosen interest area will be explored. Focus will be in critically analyzing areas such as: anatomy, pathophysiology, biomechanics, theoretical framework or ethical principles to explain the students chosen topic.
**Prereq:** Permission

AT 640 **Clinical Residency and Analysis of Patient Care I** (6 cr)
This course is designed to critically assess clinical skills and improve patient care of the practicing healthcare professional in a mentor guided model. This course is designed to improve the clinical skills of the practicing Athletic Training professional in a mentor guided model. Improvement in a selected area(s) of clinical practice will be measured via formative and summative assessment that employs quantitative measures. Impact of the skill improvement to the organization and profession will be demonstrated.
**Prereq:** Permission

AT 641 **Clinical Residency and Analysis of Patient Care II** (6 cr)
This course is designed to critically assess clinical skills and improve patient care of the practicing healthcare professional in a mentor guided model. This course is designed to improve the clinical skills of the practicing Athletic Training professional in a mentor guided model. Improvement in a selected area(s) of clinical practice will be measured via formative and summative assessment that employs quantitative measures. Impact of the skill improvement to the organization and profession will be demonstrated.
**Prereq:** Permission

AT 642 **Clinical Residency and Analysis of Patient Care III** (6 cr)
This course is designed to critically assess clinical skills and improve patient care of the practicing healthcare professional in a mentor guided model. This course is designed to improve the clinical skills of the practicing Athletic Training professional in a mentor guided model. Improvement in a selected area(s) of clinical practice will be measured via formative and summative assessment that employs quantitative measures. Impact of the skill improvement to the organization and profession will be demonstrated.
**Prereq:** Permission

AT 643 **Clinical Residency and Analysis of Patient Care IV** (6 cr)
This course is designed to critically assess clinical skills and improve patient care of the practicing healthcare professional in a mentor guided model. This course is designed to improve the clinical skills of the practicing Athletic Training professional in a mentor guided model. Improvement in a selected area(s) of clinical practice will be measured via formative and summative assessment that employs quantitative measures. Impact of the skill improvement to the organization and profession will be demonstrated. Summary of all impact of clinical residencies will be presented to the participant’s organization.
**Prereq:** Permission

3. Change the following courses:

**Rec 104 Introduction to Recreation, ParksSport, and Tourism Professions** (3 cr)
Introduction to the foundations of recreation, parks sport and tourism professions and careers, and related issues, resources, and professional opportunities. (Fall only)

**Rec 107 Outdoor Recreation and Tourism Pursuits Adventure Sports** (3 cr)
Introduction to leadership and motivational theories, core competencies, trends, and programming for contemporary outdoor recreation and adventure sports tourism pursuits via theoretical discussion, examination of current trends and hands-on programming and participation opportunities. Overnight field trips and weekly labs required.
Rec 240 Recreation and Sport Activities, Programming, and Marketing
Introduction to recreation activities with applications to programming and marketing in leisure settings. Programming field experience required.

Rec 260 Foundations of Recreation, Sport, and Tourism
History of and expanding role of leisure in modern U.S. life; emphasis on factors influencing leisure; analysis of leisure values as related to the individual and society. (Fall only)

Rec 280 Recreation Practicum in Recreation, Parks, Sport, and Tourism
Practical experience in agency recreation and leisure services recreation, park, sport, or tourism agency services. Forty clock hrs reqd per cr. Graded P/F.
Prereq: Permission of advisor

Rec 370 Leisure, Health and Human Development
Leisure and health across the lifespan (early childhood to late life) based on health and human development concepts and theories. Emphasis on psychological, sociological, and cultural influences. (Alt/yr)

Rec 395 Diversity in Recreation, Parks, Sport, and Tourism
Delivery of recreation, parks, and tourism services to diverse populations. Analysis of diversity issues in a wide array of leisure settings.

Rec 485 Trends in Recreation, Parks, Sport, and Tourism
Current trends and issues in the recreation, parks, and tourism field; analysis of selected topics of current relevance. (Alt/yr)

Rec 490 Management and Entrepreneurship in Recreation, Parks, Sport, and Tourism
Models of entrepreneurism and components of successful management in recreation, sport, park, and tourism settings such as business planning, human resources, operations and risk management. (Alt/yr)

Rec 498 (s) Internship in Recreation, Parks, Sport, and Tourism
Supervised field work with a professional, sport, or tourism recreation agency.
Prereq: Rec 280, senior status, majority of coursework completed

4. Make the following curricular changes to the Major in Recreation (B.S.Rec.):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Crs</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 101</td>
<td>Fundamentals Public Speaking</td>
<td>2</td>
</tr>
<tr>
<td>REC 104</td>
<td>Introduction to Recreation, Parks, and Tourism Professions</td>
<td>3</td>
</tr>
<tr>
<td>REC 107</td>
<td>Outdoor Recreation and Tourism Pursuits</td>
<td>3</td>
</tr>
<tr>
<td>REC 240</td>
<td>Recreation Activities, Programming and Marketing</td>
<td>3</td>
</tr>
<tr>
<td>REC 260</td>
<td>Foundations of Leisure and Society</td>
<td>3</td>
</tr>
<tr>
<td>REC 280</td>
<td>Recreation Practicum in Recreation, Parks and Tourism</td>
<td>1 cr - Max 3</td>
</tr>
<tr>
<td>REC 370</td>
<td>Leisure, Health and Human Development</td>
<td>3</td>
</tr>
<tr>
<td>REC 395</td>
<td>Diversity in Recreation, Parks and Tourism</td>
<td>3</td>
</tr>
<tr>
<td>REC 424</td>
<td>Inclusive Physical Education and Recreation</td>
<td>3</td>
</tr>
<tr>
<td>REC 485</td>
<td>Trends in Recreation, Parks and Tourism</td>
<td>3</td>
</tr>
<tr>
<td><strong>REC 490</strong></td>
<td>Management and Entrepreneurship in Recreation, Sport, and Tourism</td>
<td>3</td>
</tr>
<tr>
<td>REC 498</td>
<td>Internship in Recreation, Parks and Tourism</td>
<td>1-16</td>
</tr>
</tbody>
</table>

15
Additional courses selected from the following (6 cr):

- **REC 254** Camp Leadership in Recreation and Sport 3 cr
- **REC 310** Outdoor and Adventure Leadership 3 cr
- **REC 380** Principles of Travel and Tourism 3 cr
- **REC 408** Experiential Education and Adventure Recreation 3 cr

- **REC 203** Workshop 1-16 cr
  OR
- **REC 403** Workshop 1-16 cr

- **REC 204** Special Topics 1-16 cr
  OR
- **REC 404** Special Topics 1-16 cr

- **REC 299** Directed Study 1-16 cr
  OR
- **REC 499** Directed Study 1-16 cr

- **MVSC 429** Leadership, Pedagogy and Program Planning for Healthy Active Lifestyles 3 cr
- **MVSC 486** Marketing, Implementation and Evaluation for Healthy, Active Lifestyles 1 cr

One of the following (2-3 cr):

- **H&S 288** First Aid: Emergency Response 2 cr
- **REC 290** Wilderness First Responder 3 cr
  
  *REC 290 or Emergency Responder Certification.*

One of the following (3-4 cr):

- **NRS 310** Social Science Methods 4 cr
- **REC 455** Design & Analysis of Research in Movement Sciences 3 cr

One of the following (3 cr):

- **ENGL 207** Persuasive Writing 3 cr
- **ENGL 313** Business Writing 3 cr
- **ENGL 317** Technical Writing 3 cr

Four credits of the following courses selected from:

- **DAN 105** Dance 1 cr
- **PEB 106** Individual & Dual Sports 1 cr
- **PEB 107** Team Sports 1 cr
- **PEB 108** Water-Based Sports & Fit Act 1 cr
- **PEP 132** Skill and Analysis of Striking and Net/Wall Activities 1 cr
- **PEP 133** Skill and Analysis of Target and Invasion Activities 1 cr
- **PEP 134** Skill and Analysis of Recreation and Outdoor Activities 1 cr
- **PEP 135** Skill and Analysis of Basketball and Volleyball 1 cr
- **PEP 136** Skill and Analysis of Soccer and Speedball 1 cr
- **REC 108** Orienteering and Navigation 1 cr
- **REC 222** Cross Country Skiing 1 cr
- **REC 224** Whitewater Rafting 1 cr
- **REC 225** Kayaking 1 cr
- **REC 227** Mountain Biking 1 cr
And/or other elective outdoor and adventure courses offered within the program as available

Courses to total 120 credits for this degree

5. Make the following curricular changes to the Major in Athletic Training (D.A.T.):

The department offers a D.A.T. program. This program is designed for certified athletic trainers who are interested in improving their clinical practice through a structured academic program with a clinical practice residency. Please contact the department for any inquires in this program.

The following courses are required:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT 606</td>
<td>Professional and Post-Professional Education in Athletic Training</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 610</td>
<td>Seminar in Athletic Training I</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 611</td>
<td>Seminar in Athletic Training II</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 620</td>
<td>Research Methods in Athletic Training I</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 621</td>
<td>Research Methods in Athletic Training II</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 622</td>
<td>Advanced Action Research in Athletic Training</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 623</td>
<td>Qualitative Methods and Research Design in Athletic Training</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 624</td>
<td>Quantitative Methods and Statistics in Athletic Training</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 625</td>
<td>Dissertation of Clinical Practice Improvement: Analysis and Dissemination of Action Research Project</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 630</td>
<td>Current Issues in Clinical Practice I</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 631</td>
<td>Current Issues in Clinical Practice II</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 632</td>
<td>Current Issues in Clinical Practice III</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 633</td>
<td>Current Issues in Clinical Practice IV</td>
<td>3 cr</td>
</tr>
<tr>
<td>AT 634</td>
<td>Introduction to Quantitative Data Analysis and Interpretation in Patient Care</td>
<td>2 cr</td>
</tr>
<tr>
<td>AT 635</td>
<td>Intermediate Quantitative Data Analysis &amp; Interpretation in Patient Care</td>
<td>2 cr</td>
</tr>
<tr>
<td>AT 640</td>
<td>Clinical Residency I</td>
<td>6 cr</td>
</tr>
<tr>
<td>AT 641</td>
<td>Clinical Residency II</td>
<td>6 cr</td>
</tr>
<tr>
<td>AT 642</td>
<td>Clinical Residency III</td>
<td>6 cr</td>
</tr>
<tr>
<td>AT 643</td>
<td>Clinical Residency IV</td>
<td>6 cr</td>
</tr>
</tbody>
</table>

The department also participates in the interdisciplinary M.S. and Ph.D. in Neuroscience and the M.S. in Bioregional Planning and Community Development. Persons interested in doctoral study should visit the College of Education and departmental web page for more information about admission requirements and application procedures.
Procedures for Doctor of Athletic Training

The Dissertation of Culminating Clinical Project, Practice Improvement. Students enrolled in the Doctor of Athletic Training (D.A.T.) will engage in research projects during the curricular phase of the program. These project(s) will lead to at least two publication ready manuscripts and all students must meet professional authorship requirements (regardless of order). See Department of Movement Sciences and Doctor of Athletic Training webpages for more information. Complete a Dissertation of Clinical Practice Improvement which has been adapted from the traditional theoretical Ph.D. and Ed.D. formats and altered to meet the demands of the changing healthcare landscape. The Dissertation of Clinical Practice Improvement incorporates not only original research but additional evidential measures of the development of advanced practice (e.g., patient outcomes, plan of advanced practice, etc.).

The Dissertation Team (Committee). All D.A.T. dissertation project team committees will have at least four committee members: two members of the athletic training faculty (all with graduate faculty status), the student’s Attending Clinician (who is the student’s on-site mentor during the student’s residency), and an expert in the student’s chosen area of clinical research. The AT faculty members will always chair the CCP dissertation, provide research guidance, and serve as the experts in the development of advanced practice in Athletic Training. A situation may arise in which one or both of the members of the committee that are outside of the AT program faculty may have a degree less than that of which the student is seeking, however, the intent of the third and fourth D.A.T. committee membership is to provide outside validation of the student’s progress toward advanced practice and clinical utility of action research studies.

Preliminary Exams. All students will successfully complete preliminary exams (in the second summer of the cohort) before being admitted to candidacy. The format of these exams will be decided at the committee and committee chair’s discretion but will include the Plan of Advanced Practice and at least one of the following options.

- Comprehensive Exam in the student’s area of advanced practice (may include both oral and written items).
- Publication quality manuscript (committee approved).

Dissertation Culminating Clinical Project Hours. The D.A.T. requires 12 credit hours of dissertation (AT 600) to be eligible for graduation. These dissertation hours may be used in instances when the CCP has not been successfully completed and the curricular phase of program has been completed, are to be completed after the completion of the academic coursework.

Requirements for Doctoral Degrees

Credit Requirements. For the Ph.D. and Ed.D., a minimum of 78 credits beyond the bachelor’s degree is required; of these, at least 52 credits must be at the 500 level or above and at least 33 of the 78 credits must be in courses other than 600 (Doctoral Research and Dissertation). A maximum of 45 credits in dissertation and 5 credits of 599 (Non-thesis Research) may be used toward the degree. For the D.A.T., a minimum of 78 credits are required (including all dissertation work). Courses numbered below 300 may not be used to fulfill the requirements for a doctoral degree; courses numbered 300-399 may be used only in supporting areas. Individual programs may require additional course work. Applicants having a doctoral degree may obtain a second doctoral degree subject to the approval of the Graduate Council. The Graduate Council will establish the requirements for the second degree.
COLLEGE OF LETTERS, ARTS AND SOCIAL SCIENCES

AGING STUDIES

1. Make the following curricular changes to the Minor in Aging Studies:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 419</td>
<td>Adult Development and Aging</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 431</td>
<td>Personal and Social Issues in Aging</td>
<td>3 cr</td>
</tr>
<tr>
<td>FCS 428</td>
<td>Housing America's Families</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

Additional courses selected from the following if not taken above (9-10 cr):

Courses from a minimum of two disciplines (18 cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 498</td>
<td>Internship</td>
<td>1-16 cr</td>
</tr>
<tr>
<td>COMM 491</td>
<td>Communication and Aging</td>
<td>3 cr</td>
</tr>
<tr>
<td>FCS 346</td>
<td>Personal and Family Finance and Management</td>
<td>4 cr</td>
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<tr>
<td>FCS 404</td>
<td>Special Topics</td>
<td>1-16 cr</td>
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<tr>
<td>FCS 410</td>
<td>Growing Old in a New Age</td>
<td>3 cr</td>
</tr>
<tr>
<td>FCS 428</td>
<td>Housing America's Families</td>
<td>3 cr</td>
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<tr>
<td>FCS 434</td>
<td>Adulthood and Aging within the Context of Family</td>
<td>3 cr</td>
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<tr>
<td>FCS 498</td>
<td>Internship</td>
<td>3-9 cr  Max 9 cr</td>
</tr>
<tr>
<td>H&amp;S 150</td>
<td>Wellness Lifestyles</td>
<td>3 cr</td>
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<tr>
<td>H&amp;S 498</td>
<td>Internship</td>
<td>1-9 cr</td>
</tr>
<tr>
<td>ID 443</td>
<td>Universal Design</td>
<td>3 cr</td>
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<tr>
<td>PEP 498</td>
<td>Internship in Exercise Science &amp; Health</td>
<td>1-16 cr</td>
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<tr>
<td>PSYC 312</td>
<td>Practical Gerontology</td>
<td>3 cr</td>
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<tr>
<td>PSYC 419</td>
<td>Adult Development and Aging</td>
<td>3 cr</td>
</tr>
<tr>
<td>REC 370</td>
<td>Leisure, Health and Human Development</td>
<td>3 cr</td>
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<tr>
<td>REC 498</td>
<td>Internship in Recreation, Parks and Tourism</td>
<td>1-16 cr</td>
</tr>
<tr>
<td>SOC 431</td>
<td>Personal and Social Issues in Aging</td>
<td>3 cr</td>
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<tr>
<td>SOC 498</td>
<td>Internship</td>
<td>1-6 cr</td>
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Up to 6 credits may come from:

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<tbody>
<tr>
<td>ARCH 498</td>
<td>Internship</td>
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<td>FCS 498</td>
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<td>3-6 cr</td>
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<tr>
<td>H&amp;S 498</td>
<td>Internship</td>
<td>1-6 cr</td>
</tr>
</tbody>
</table>
AMERICAN INDIAN STUDIES

1. Add the following courses:

AIST 314 Tribal Sovereignty & Federal Policy (3 cr)
The Tribal Sovereignty and Federal Policy course is designed to provide an in-depth understanding of how colonial and Federal Indian Policies have impacted the lives of Tribes and their surrounding communities. Through a survey of the changing eras of policy (conquest, pre-Revolutionary approaches, the Marshall Trilogy, the Treaty Era, Allotment and Termination, and Self-Determination), students will learn about the forces that have shaped tribal communities, and a deeper appreciation for tribes’ efforts to restore and exercise their sovereignty. Tribal Sovereignty as it applies to land management, natural resources and community development will be a focal area.

AIST 344 Indigenous Epistemologies (3 cr)
The course is intended as an introduction to issues of cultural, racial, ethnic and linguistic diversity that arise in American school and society. In particular we will be looking at indigenous epistemological comparison with Western educational models. The central question for the course will be: Why is educational attainment different for different groups in society, and how does that difference relate to social stratification characteristics of the larger society? We will also try to answer other questions: Why is educational attainment different for different groups in society, and how does that difference relate to social stratification characteristics of the larger society? We will also try to answer other questions: Why is educational attainment different for different groups in society, and how does that difference relate to social stratification characteristics of the larger society? 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2. Make the following curricular changes to the American Indian Studies Minor:

AIST 401 Contemporary American Indian Issues 3 cr
AIST 314 Tribal Sovereignty and Federal Policy 3 cr
AIST 344 Tribal Epistemologies 3 cr
AIST 422/ANTH 422/RELS 422 Plateau Indians 3 cr
ENGL 484/AIST 484 American Indian Literature 3 cr
One of the following (3 cr):
AIST 426/HIST 426 Red Earth White Lies: American Indian History 1840-Present 3 cr
AIST 431/HIST 431 Stolen Continents, The Indian Story: Indian History to 1840 3 cr
Elective courses selected from the following (69 cr):

- AIST 320 The Celluloid Indian: American Indians in Popular Film Native Film 3 cr
- AIST 404 Special Topics 1-16 cr
- AIST 411/ARCH 411 Native American Architecture 3 cr
- AIST 420/LAW 949 Native American Law 3 cr
- AIST 421/LAW 979 Native American Natural Resource Law 3 cr
- AIST 426/HIST 426 Red Earth White Lies: American Indian History 1840-Present 3 cr
- AIST 431/HIST 431 Stolen Continents, The Indian Story: Indian History to 1840 3 cr
- AIST 478/LAW 928 Tribal Nation Economics and Law 3 cr
- AIST 498 Internship 1-16 cr
- AIST 499 Directed Study 1-16 cr
- ANTH 329 North American Indians 3 cr
- ANTH 436 Plateau Prehistory 3 cr
- ENGL 484 American Indian Literature 3 cr
- NEZP 101 Elementary Nez Perce I 4 cr
- NEZP 102 Elementary Nez Perce II 4 cr
- SOC 427/ANTH 427 Racial and Ethnic Relations 3 cr
- AIST 420/LAW 949 Native American Law 3 cr
- AIST 478/LAW 979 Native American Natural Resources Law 3 cr

Courses to total 18 credits for this minor

HISTORY

1. Add the following courses:

**HIST 211 Food through the Ages (3 cr)**
The comparative survey and analysis of how the choice, preparation and eating of food not only shaped and formed cultures but also defined civilizations, from hunting and gathering to the present.

**HIST 212 Sex and Gender through the Ages (3 cr)**
Comparative analysis of sex and gender in global historical setting. Focus upon changing sexual/gender behavior both inside and outside of marriage; shifts in sexual mentalities and moral values; and the efforts to regulate, repress, or encourage forms of sexual behavior and attitudes.

**HIST 213 Race and Ethnicity through the Ages (3 cr)**
Comparative survey of race and ethnicity across region, culture, and time; factors that create social cohesion and/or conflict; political, sociocultural, and economic dimensions of racial and ethnic relations; the making of identity and cultural mentalities in international/global settings.
HIST 214 Warfare through the Ages (3 cr)
Comparative survey of war and military history from ancient times to present; emphasis on interrelationship of war, society, and technology; impact of war and violence upon human culture, environment, and everyday life.

HIST 318 Colonial America: A Collision of Peoples (3 cr)
Surveys North American history from the era preceding contact through the American Revolution. Emphasizes encounters and conflicts between Europeans and Native Americans, major political and economic developments, cultural and intellectual transformations, and the formation of American societies.

HIST 319 19th-century America: Expanding America (3 cr)
Surveys American history in the nineteenth century. Emphasizes contests over national expansion and inclusion, war and reconstruction, and cultural reform and invention.

HIST 320 20th-century America: The Colossus (3 cr)
Surveys American history in the twentieth century. Emphasizes growth of the United States as a world military and economic power, rising nationalism, battles for civil rights and reforms, and rise and consequences of popular culture.

HIST 453 (s) Studying History in an International Setting (3-6 cr)
Introduction to studying history in an international setting and history as expeditionary learning. Course covers on-site historical experience, including: museums, archives, libraries, historical monuments, daily life and culture, material culture, language, and cultural awareness and sensibility. Travel is a required part of course experience.

HIST 544 (s) Colloquium in Global History (3 cr, max 9)
Intense reading in the historical literature on topics in global history. Emphasis on changing approaches to historical problems, different schools of historical thought, methodological issues, and implementation in the classroom. Content will vary with instructor.

HIST 590 Issues and Methods in History (3 cr)
This course introduces graduate students to key methodological, theoretical, and disciplinary standards of history; and the significance of comparative and interdisciplinary approaches to understanding historical developments.

2. Change the following courses:

- Hist 329461 Idaho and the Pacific Northwest (3 cr)
  Gen Ed: American Diversity
  Political, economic, social development; earliest times to the present.

- Hist 328462 History of the American West (3 cr)
  Gen Ed: American Diversity
  Survey of major developments in the American West, from the Great Plains to the Pacific Ocean and beyond, including racial and ethnic diversity, environment, gender, politics, and economics.

3. Drop the following courses:

- Hist 321 Pirates of the Caribbean and Beyond (3 cr)
  Gen Ed: International
  The course will use the study of pirates and privateers to examine two main questions. Firstly, the role of pirates in the construction and collapse of empires from the Roman period to the present day and secondly, the examination of the popular representations of piracy across a similar period.
Hist 411 Colonial North America, 1492-1763 (3 cr)
*Gen Ed: American Diversity*

Hist 415 Expanding America (3 cr)
*Gen Ed: American Diversity*
Market revolution, territorial expansion, and rising sectionalism, including nineteenth-century wars.

Hist 416 Rise of Modern America (3 cr)
*Gen Ed: American Diversity*
Industrial development, unchecked capitalism, political reform, populism, the progressive era, World War I, and the rise of celebrity culture (sports and Hollywood).

Hist 417 America in Crisis (3 cr)
*Gen Ed: American Diversity*
The Depression, the New Deal, World War II, becoming a world power, the Cold War, and defining freedom and democracy for all.

Hist 418 Contemporary America (3 cr)
*Gen Ed: American Diversity*
1960's the age of great dreams, 1970's disillusionment, Reaganism and a renewed American nationalism, and other topics.

Hist J458/J558 Military History (3 cr)
Survey of military history from ancient times to present; emphasis on interrelationship of war, society, and technology.

Hist 558 Military History (3 cr)
See Hist J458/J558.

**INTERNATIONAL STUDIES**

1. Make the following changes to the *Major in International Studies (B.A.)*:

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>IS 310</td>
<td>The United Nations</td>
<td>3 cr</td>
</tr>
<tr>
<td>IS 410</td>
<td>NGOs in the International System</td>
<td>3 cr</td>
</tr>
<tr>
<td>IS 495</td>
<td>International Studies Senior Seminar</td>
<td>3 cr</td>
</tr>
<tr>
<td>STAT 251</td>
<td>Statistical Methods</td>
<td>3 cr</td>
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   One of the following groups of courses (4-6 cr):

   **Group A:**
   - ECON 201 Principles of Macroeconomics 3 cr
   - ECON 202 Principles of Microeconomics 3 cr

   OR
ECON 272  Foundations of Economic Analysis  4 cr
One of the following (3 cr):
IS 310  The United Nations  3 cr
POLS 235  Political Research Methods and Approaches  3 cr
One of the following (3 cr):
GEOG 260  Introduction to Geopolitics  3 cr
POLS 205  Introduction to Comparative Politics  3 cr
POLS 237  Introduction to International Politics  3 cr
Six credits chosen from:
ANTH 220  Peoples of the World  3 cr
ENGL 485  Global Literatures in English  3 cr - Max 6 cr
ENVS 225  International Environmental Issues Seminar  3 cr
GEOG 200  World Regional Geography  3 cr
IS 195  International Studies Freshman Seminar  3 cr
JAMM 490  Global Media  3 cr
SOC 350  Food, Culture, and Society  3 cr

At least 12 cr from one of the following issue emphases: international relations, international economics and business, global resources and development (see courses below). This requirement may be waived by completion of a relevant second major with approval from the program director.

At least 12 cr from one of the following regional emphases: Latin America and the Caribbean, Europe, Asia (see courses below)

Modern Foreign Language Proficiency (0-22 cr)
Demonstrated proficiency in a modern foreign language correlating with the region of emphasis and equivalent to that gained from six semesters of university study. Exceptions include any class taught in English. (0-22 cr)

International Experience
In addition, international experience in the student’s region of emphasis is required for all students in this major. The experience must extend consecutively for at least 8-12 weeks, be qualified for at least 12 credits, and include an academic project or assignment and immersion in the culture of the country. All costs associated with the international experience are the responsibility of the student.

The requirement of international experience will normally be fulfilled by completing a registered credit program such as study abroad, student exchange, student teaching, or internship, or a Faculty-Staff Led International Trip for 8 weeks minimum. In general, credits are registered on the UI campus; course work and field experience are taken abroad.

In some cases, permission may be granted to complete noncredit work experience that places the student abroad for a contracted length of time. Normally this work assignment will be completed during the degree program. In some instances, prior work experience may be accepted based on the following criteria: verification, length, nature, recentness, and relevancy of experience.
### ISSUE EMPHASIS IN INTERNATIONAL STUDIES

*Recommended courses for completion of requirement (special topic courses may be used when approved by the director).*

#### A. International Relations

<table>
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<tr>
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<tbody>
<tr>
<td>GEOG 365</td>
<td>Political Geography</td>
<td>3 cr</td>
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<tr>
<td>HIST 430</td>
<td>U.S. Diplomatic History</td>
<td>3 cr</td>
</tr>
<tr>
<td>HIST 458</td>
<td>Military History</td>
<td>3 cr</td>
</tr>
<tr>
<td>IS 320</td>
<td>Model United Nations</td>
<td>2 cr</td>
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<tr>
<td>IS 321</td>
<td>UN and Related Agencies</td>
<td>1 cr</td>
</tr>
<tr>
<td>IS 350</td>
<td>Sports and International Affairs</td>
<td>3 cr</td>
</tr>
<tr>
<td>POLS 338</td>
<td>American Foreign Policy</td>
<td>3 cr</td>
</tr>
<tr>
<td>POLS 440</td>
<td>International Organizations &amp; International Law</td>
<td>3 cr</td>
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<tr>
<td>IS 440</td>
<td>International Organizations &amp; International Law</td>
<td>3 cr</td>
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<tr>
<td>POLS 449</td>
<td>World Politics and War</td>
<td>3 cr</td>
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<td>POLS 487</td>
<td>Political Violence and Revolution</td>
<td>3 cr</td>
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<tr>
<td>SOC 335</td>
<td>Terrorism, Society and Justice</td>
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#### B. International Economics and Business

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<td>AGEC 481</td>
<td>Agricultural Markets in a Global Economy</td>
<td>3 cr</td>
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<tr>
<td>BUS 381</td>
<td>International Finance</td>
<td>3 cr</td>
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<tr>
<td>BUS 482</td>
<td>International Marketing</td>
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<td>ECON 446</td>
<td>International Economics</td>
<td>3 cr</td>
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<td>ECON 447</td>
<td>International Development Economics</td>
<td>3 cr</td>
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<tr>
<td>AGEC 447</td>
<td>International Development Economics</td>
<td>3 cr</td>
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<tr>
<td>LAS 447</td>
<td>Global Economic Geography</td>
<td>3 cr</td>
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<tr>
<td>IS 323</td>
<td>International Monetary and Trade Organizations</td>
<td>3 cr</td>
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#### C. Global Resources and Development

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<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AGEC 481</td>
<td>Agricultural Markets in a Global Economy</td>
<td>3 cr</td>
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<tr>
<td>ANTH 462</td>
<td>Human Issues in International Development</td>
<td>3 cr</td>
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<tr>
<td>LAS 462</td>
<td>Global Nutrition</td>
<td>3 cr</td>
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<td>FCS 411</td>
<td>Principles of Sustainability</td>
<td>3 cr</td>
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<td>FS 436</td>
<td>Global Climate Change</td>
<td>3 cr</td>
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<td>GEOG 313</td>
<td>Geography of Development</td>
<td>3 cr</td>
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<td>GEOG 350</td>
<td>Geography of Development</td>
<td>3-4 cr</td>
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<td>GEOG 360</td>
<td>Population Dynamics and Distribution</td>
<td>3-4 cr</td>
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<td>Course Code</td>
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<tr>
<td>GEOG 409</td>
<td>Rural Development</td>
<td>3 cr</td>
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<tr>
<td>IS 322</td>
<td>International Environmental Organizations</td>
<td>3 cr</td>
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<tr>
<td>IS 410</td>
<td>NGOs in the International System</td>
<td>3 cr</td>
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<td>NRS 493/</td>
<td>International Land Preservation and Conservation Systems</td>
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<td>LAS 493</td>
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<td>POLS 480</td>
<td>Politics of Development</td>
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<tr>
<td>SOC 340</td>
<td>Social Change &amp; Globalization</td>
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**REGIONAL EMPHASES IN INTERNATIONAL STUDIES**

**A. Latin America and the Caribbean**

<table>
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<tr>
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<tr>
<td>FLEN 394/</td>
<td>Latin American Literature in Translation</td>
<td>3 cr</td>
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<td>LAS 394</td>
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<td>HIST 438/</td>
<td>Modern Mexico and the Americas</td>
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<td>LAS 438</td>
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<tr>
<td>HIST 439/</td>
<td>Modern Latin America</td>
<td>3 cr</td>
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<tr>
<td>LAS 439</td>
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<tr>
<td>HIST 440/</td>
<td>Social Revolution in Latin America</td>
<td>3 cr</td>
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<td>LAS 440</td>
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<tr>
<td>SPAN 306</td>
<td>Culture and Institutions of Latin America</td>
<td>3 cr</td>
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<tr>
<td>SPAN 402</td>
<td>Readings: Spanish American Literature</td>
<td>3 cr</td>
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<td>SPAN 413</td>
<td>Spanish American Short Fiction</td>
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**B. Europe**

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<tr>
<td>ENGL 342</td>
<td>Survey of British Literature</td>
<td>3 cr</td>
</tr>
<tr>
<td>FLEN 307</td>
<td>The European Union</td>
<td>3 cr</td>
</tr>
<tr>
<td>FLEN 308</td>
<td>European Immigration and Integration</td>
<td>3 cr</td>
</tr>
<tr>
<td>FLEN 313</td>
<td>French/Francophone Literature in Translation</td>
<td>3 cr</td>
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<tr>
<td>FLEN 324</td>
<td>Topics in German Literature in Translation</td>
<td>3 cr</td>
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<tr>
<td>FREN 304</td>
<td>Connecting French Language and Culture</td>
<td>3 cr</td>
</tr>
<tr>
<td>FREN 407</td>
<td>French &amp; Francophone Literatures</td>
<td>3 cr</td>
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<tr>
<td>FREN 408</td>
<td>French and Francophone Culture and Institutions</td>
<td>3 cr</td>
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<tr>
<td>GERM 420</td>
<td>Topics in German Culture &amp; Literature - Themes</td>
<td>3 cr</td>
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<tr>
<td>HIST 350</td>
<td>The Age of Enlightenment: European Culture &amp; Ideas, 1680-1800</td>
<td>3 cr</td>
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<td>HIST 366</td>
<td>Modern European Cultural and Intellectual History, 1880-1980</td>
<td>3 cr</td>
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<td>HIST 447/</td>
<td>The Renaissance</td>
<td>3 cr</td>
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<td>RELS 447</td>
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<tr>
<td>HIST 452</td>
<td>Europe in the Age of the Revolution, 1770-1880</td>
<td>3 cr</td>
</tr>
<tr>
<td>HIST 455</td>
<td>Modern Europe</td>
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HIST 466 Eastern Europe Since 1774 3 cr
HIST 467 Russia to 1894 3 cr
HIST 468 Russia and Soviet Union Since 1894 3 cr
POLS 381 European Politics 3 cr
SPAN 305 Culture and Institutions of Spain 3 cr
SPAN 401 Readings: Spanish Literature 3 cr

C. Asia/Africa
FLEN 331 Japanese Anime 3 cr
HIST 331 The Age of African Empires 3 cr
HIST 457 History of the Middle East 3 cr
HIST 481 America’s Wars in Asia 3 cr
HIST 482 Japan, 1600 to Present 3 cr
HIST 484 Modern China, 1840s to Present 3 cr
HIST 485 Chinese Social and Cultural History 3 cr
IS 325 The Contemporary Muslim World 3 cr
IS 326 Africa Today 3 cr
PHIL 307/RELS 307 Buddhism 3 cr
POLS 420 Introduction to Asian Politics 3 cr

Courses to total 120 credits for this degree
Other courses with an international component may be used as electives with permission of the school program director.

JOURNALISM AND MASS MEDIA
1. Add the following courses:

JAMM 267 Introduction to Media Design (3 cr)
Foundational principles and theories of visual communication; use of graphics to communicate information and support persuasive appeals; hands-on learning using industry standard graphic applications.
Prereq: JAMM 100, JAMM 121, and JAMM 122 with grades of ‘C’ or better

JAMM 326 Design for the Media (3 cr)
Principles and applications of design tailored to the media professions. Students learn design principles, software programs and critical thinking applicable to the creation of visual content intended for targeted audiences. (Advertising majors should take the required courses JAMM 267 and JAMM 468 instead of JAMM 326, and will not receive additional JAMM elective credit for JAMM 326 if JAMM 267 and JAMM 468 are counting toward their degree.)
Prereq: JAMM 100, JAMM 121, and JAMM 122 with grades of “C” or better
JAMM 367 Social Media Management and Analytics (3 cr)
How to analyze and understand the metric effect social media has on consumer behavior, campaign effectiveness and the return on investment (ROI) of social media in a media plan.
Prereq: JAMM 100, JAMM 121, and JAMM 122 with grades of ‘C’ or better, and JAMM 265

2. Change the following courses:

JAMM 122 Multimedia Storytelling (1 cr)
Basic principles of photographic and video/audio storytelling techniques emphasizing practical application for mass media. Students in JAMM 121 must also register for JAMM 122 the same semester.
Prereq: Engl 102 and JAMM 100 with grades of "C" or better
Coreq: JAMM 121

JAMM 252 Introduction to Public Relations Integrated Media Campaigns (3 cr)
Overview of issues and methods used by public relations and advertising practitioners, including strategies, practices and basic products produced. Multiple writing assignments address basic skills needed for successful PR activities. Requires that participants engage with their peers to discuss readings, theoretical perspectives, obstacles, history, and current events in integrated marketing communication.
Prereq: JAMM 100 and JAMM 121 and JAMM 122 with grades of ‘C’ or better

JAMM 466 Advertising Campaign Strategy Media Campaign Strategy (3 cr)
Advanced advertising strategies in creative approaches and media usage for Public Relations and Advertising; current ad campaigns and focuses on the development of a complete advertising campaign for a client.
Prereq: JAMM 100 with a grade of ‘C’ or better and JAMM 121 with a grade of ‘C’ or better; and JAMM 265, JAMM 361 and JAMM 364

JAMM 468 The Advertising Agency Advanced Media Design (3 cr)
Functioning of an advertising agency, including management, accounting, creative and media buying systems, government regulation, account management, and creative strategies in the marketplace. Field trips.
Recommended Preparation: JAMM 466. Advanced principles and theories of visual communication across multiple channels; working in creative teams; presenting original concepts, copywriting, design and layout; emphasis on finished portfolios.
Prereq: JAMM 100 with a grade of ‘C’ or better and JAMM 121 with a grade of ‘C’ or better JAMM 265

3. Make the following curricular changes to the Major in Public Relations (B.A. or B.S.):

Required course work includes the university requirements (see regulation J-3), the School of Journalism and Mass Media core, and the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAMM 225</td>
<td>Reporting I</td>
<td>3 cr</td>
</tr>
<tr>
<td>JAMM 252</td>
<td>Introduction to Public Relations</td>
<td>3 cr</td>
</tr>
<tr>
<td>JAMM 350</td>
<td>Public Relations Writing and Production</td>
<td>3 cr</td>
</tr>
<tr>
<td>JAMM 452</td>
<td>Public Relations Campaign-Design</td>
<td>3 cr</td>
</tr>
<tr>
<td>JAMM 458</td>
<td>Public Relations Research and Case Studies</td>
<td>3 cr</td>
</tr>
<tr>
<td>JAMM 466</td>
<td>Media Campaigns</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

Courses to total 120 credits for this degree
MODERN LANGUAGES AND CULTURES

1. Change the following course:

   FLEN 307 Institutions of the European Union (3 cr)
   Gen Ed: Social Science, International
   Same as PolS 307. A cross-cultural examination of the European Union, its history, evolution, and current functioning; social, cultural, and political differences among union partners; economic structure and demographics; business culture.

   Germ 302 Advanced German Speaking and Writing (3 cr)
   Gen Ed: International
   Emphasis on developing proficiency in speaking and writing; discussion on topics of cultural interest.
   Recommended Preparation: Germ 202.
   Prereq: Germ 202

   Germ 304 20th Century German Culture and Society (3 cr)
   Prereq: Germ 202

   Germ 305 Germany in the New Europe (3 cr)
   Contemporary social and political institutions in German-speaking Europe; reading and discussion on topics of current interest in Germany and the European Union. Recommended Preparation: Germ 202.
   Prereq: Germ 202

   Germ 420 (s) Topics in German Culture and Literature - Themes (3 cr, max 6)
   Gen Ed: International
   For advanced students; important themes in German cultural/literary studies. Recommended Preparation: Germ 301 or Germ 302. Cooperative: open to WSU degree-seeking students. (Spring Alt/ys)
   Prereq: Germ 301 or Germ 302

   Germ 440 German Media through the Internet (3 cr)
   Gen Ed: International
   For advanced Students. Reading and discussion from contemporary media in the German-language Internet; focus on topics of current cultural interest. Recommended Preparation: Germ 301 or Germ 302.
   Prereq: Germ 301 or Germ 302

2. Make the following curricular changes to the Minor in Asian Studies:

   Two semesters of Asian Language 12 credits of one Asian language or one semester of Approved Study Abroad in Asia. Courses from the following list; no more than 9 credits in one discipline and no more than 6 credits in student’s major. Of the 21 credits, nine (9) credits of upper division coursework required. Students must complete 6 of these 9 credits of upper-division coursework at the University of Idaho to complete the Asian Studies minor.

   ANTH 220 Peoples of the World 3 cr
   ANTH 261 Language and Culture 3 cr
   COMM 335 Intercultural Communication 3 cr
   FLEN 325 Contemporary Chinese Culture and Customs 3 cr
   FLEN 326 Chinese Cinema in Translation 3 cr
   FLEN 331 Japanese Anime 3 cr
   GEOG 200 World Regional Geography 3 cr
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HIST 180 Introduction to East Asian History 3 cr
HIST 481 America’s Wars in Asia 3 cr
HIST 482 Japan, 1600 to Present 3 cr
HIST 484 Modern China, 1840s to Present 3 cr
HIST 485 Chinese Social and Cultural History 3 cr
IS 325 The Contemporary Muslim World 3 cr
PHIL 307/RELS 307 Buddhism 3 cr
POLS 205 Introduction to Comparative Politics 3 cr
POLS 237 Introduction to International Politics 3 cr
POLS 420 Introduction to Asian Politics 3 cr

Courses to total 21 credits for this minor

3. Make the following curricular changes to the Major in Modern Language Business (B.A.):

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

In addition to the course work specified for this major, an international experience is required. This requirement will normally be fulfilled by completing a program of studies abroad which takes place after the student has finished language study through the intermediate (200) level. The specific program must receive prior approval from the student’s MLC advisor and must be one that lasts a minimum of 12-15 weeks. The classes taken must earn a minimum of 12 upper-division (300/400 level) academic credits and be in subjects pertinent to the student’s language option. Such credits may be obtained by two consecutive summer programs. An international experience (eight week minimum). This international experience requirement will be fulfilled by completing an MLC approved study abroad program or international internship or faculty-led experience or a combination of all. This experience should take place after the student has finished language study through the intermediate (200) level. The study abroad program or the internship must receive prior approval from the student’s MLC advisor and/or MLC Validation Committee appointed by MLC chair. Shorter international experiences exceptions can be considered by MLC Validation Committee in case of extraordinary financial or family circumstances.

ACCT 201 Introduction to Financial Accounting 3 cr

One of the following (3-4 cr):

ECON 201 Principles of Macroeconomics 3 cr
ECON 202 Principles of Microeconomics 3 cr
ECON 272 Foundations of Economic Analysis 4 cr

One of the following (3 cr):

FLEN 307 The European Union 3 cr
FLEN 308 European Immigration and Integration 3 cr

One of the following group of courses (15-18 cr):

Group A:

BUS 301 Financial Resources Management 3 cr
BUS 311 Introduction to Management 3 cr
BUS 321 Marketing 3 cr
BUS

Six Credits Taken From BUS 101 or any other 300-400 level BUS Prefix Course

6 cr

Group B:

BUS 310

Leading Organizations and People

3 cr

BUS 301

Financial Resources Management

3 cr

BUS 321

Marketing

3 cr

BUS 350

Managing Information

3 cr

BUS 370

Process Management

3 cr

BUS 390

Integrated Topics in Business

3 cr—Max 6 cr

Three or more of the following:

BUS 301

Financial Resources Management

3 cr

BUS 311

Introduction to Management

3 cr

BUS 321

Marketing

3 cr

BUS 350

Managing Information

3 cr

BUS 370

Process Management

3 cr

BUS 378

Project Management

3 cr

BUS 414

Entrepreneurship

3 cr

Business Electives (6 cr):

BUS

Upper Division Business Electies

6 cr

OR

BUS 190

Integrated Business and Value Creation

3 cr

AND

BUS

Upper-Division Business Elective

3 cr

Language Requirements:

One modern language (Chinese, French, German, Japanese, or Spanish), elementary and intermediate (16 cr)

Approved upper-division courses in the same language (including one business course or approved alternative in the target language) (21 cr)

Courses to total 120 credits for this degree
MUSIC
1. Change the following course:

MusA 314 (s) Studio Instruction (1 cr, max arr)
See MusA 114 for description.
Prereq: MusA 124 or 134 on the same instrument or Permission

POLITICAL SCIENCE
1. Add and cross-list the following course:

POLS 307 Institutions of the European Union (3 cr)
Gen Ed: Social Science, International
See Flen 307.

2. Change the following course:

Pols 560 Seminar in Public Administration Professional Practice Practicum (1 cr, max 3 3 cr)
This course provides students with practical information and skills that are needed to support careers in local government administration. Topics will include professionalism, computer skills, resume writing, interview and presentation skills. Students may retake the course three times.

SOCIOLOGY AND ANTHROPOLOGY
1. Add the following courses:

Soc 329 Homicide (3 cr)
This course provides an analysis of the dynamics and processes associated with various types of homicides, as well as the theoretical explanations of homicide. Topics may include familial homicide, serial homicide, homicide associated with cults, and gang-related homicide, among others. Issues related to criminal justice processing of offenders are also discussed.
Prereq: Soc 101

Soc 421 Gender and Crime (3 cr)
This course uses sociological and criminological theories to explore the relationship between gender and crime. Topics explore adult and juvenile females and their entry into the criminal justice system as victims and offenders. The course examines the challenges faced by females working in criminal justice (policing, courts, and corrections). Gender is also discussed by considering issues faced by the LGBT community in terms of how particular behaviors are criminalized, how LGBT individuals are treated within and by the criminal justice system.
Prereq: Soc 101

2. Change the following courses:

Anth J417/J517 Social Data Analysis (3 cr)
Anth 417 same as Soc 417. This course introduces students to social science research methods that collect quantitative data. It will discuss research design and ethics, data collection processes, and data analysis. Additional work required for graduate credit.
Prereq: Stat 251 and Soc 101

Anth J462/J562 Human Issues in International Development (3 cr)
Gen Ed: Social Science, International
Anth 462 same as LAS 462. Interdisciplinary analysis of complex interaction between tradition and modernity in Third World society, and its attendant human predicament. Course content includes the historical and...
police contexts that shape development, development theories and approaches, along with the global challenges of poverty, social inequalities, and environment. Culture as an important consideration in development is emphasized. Additional projects/assignments reqd for grad cr. (Alt/ys)

3. Make the following curricular changes to the Major in Sociology (B.A. or B.S.):

Required course work includes the university requirements (see regulation J-3), the general requirements for either the B.A. or B.S. degree and the following courses (electives must be approved by the student’s advisor):

**ANTH 100**  Introduction to Anthropology 3 cr  
**SOC 101**  Introduction to Sociology 3 cr  

**Two of the following (6 cr):**

**SOC 416**  Qualitative Social Science Methods 3 cr  
**SOC 417**  Social Data Analysis 3 cr  
**STAT 251**  Statistical Methods 3 cr  

**Related fields (12 cr)**  
(E.g. Anthropology, Economics, Environmental Science, Geography, History, Political Science, Psychology, Statistics, and Women’s and Gender Studies)  
Related field as approved by the department 12 cr  
*Must be approved by student’s advisor*

**One of the following (3 cr):**

**SOC 421**  Gender and Crime 3 cr  
**SOC 423**  Sociology of Prosperity: Social Class and Economics in the 21st Century 3 cr  
**SOC 424**  Sociology of Gender 3 cr  
**SOC 427/ANTH 427**  Racial and Ethnic Relations 3 cr  
**SOC 439**  Inequalities in the Justice System 3 cr  

Select one of the following emphases:

**A. Criminology**

**SOC 130**  Introduction to Criminology 3 cr  
**SOC 260**  Intro to Deviance and Crime 3 cr  
**SOC 329**  Homicide 3 cr  
**SOC 331**  Criminology Theory 3 cr  

**One of the following (3 cr):**

**SOC 460**  Capstone: Sociology in Action 3 cr  
**SOC 461**  Capstone: Justice Policy Issues 3 cr  
**SOC 462**  Senior Practicum 3 cr  
**SOC 464**  Criminology Abroad 3 cr  

**Selected upper-division emphasis electives (15 cr):**

**SOC 315**  Community Service Learning 1-4 cr  
**SOC 325**  Family, Violence, and Society 3 cr  
**SOC 328**  Deviant Behavior 3 cr  
**SOC 330**  Juvenile Delinquency 3 cr  
**SOC 332**  Sociology of Punishment 3 cr  
**SOC 333**  Elite and White Collar Crime 3 cr
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 334</td>
<td>Police and Social Control</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 335</td>
<td>Terrorism, Society and Justice</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 336</td>
<td>Comparative Criminal Justice Systems</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 337</td>
<td>Violence and Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 338</td>
<td>Regulation of Vice</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 339</td>
<td>Crime and the Media</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 344</td>
<td>Urban Sociology</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 345</td>
<td>Extremism and American Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 346</td>
<td>Responding to Risk</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 403</td>
<td>Workshop</td>
<td>1-16 cr</td>
</tr>
<tr>
<td>SOC 404</td>
<td>Special Topics</td>
<td>1-16 cr</td>
</tr>
<tr>
<td>SOC 420</td>
<td>Sociology of Law</td>
<td>3 cr</td>
</tr>
<tr>
<td><strong>SOC 421</strong></td>
<td>Gender and Crime</td>
<td>3 cr</td>
</tr>
<tr>
<td><strong>SOC 426</strong></td>
<td>Sociology of Sports</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 439</td>
<td>Inequalities in the Justice System</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 450</td>
<td>Dynamics of Social Protest</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 465</td>
<td>Environment, Policy, and Justice</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 498</td>
<td>Internship</td>
<td>1-6 cr</td>
</tr>
<tr>
<td>SOC 499</td>
<td>Directed Study</td>
<td>1-16 cr</td>
</tr>
</tbody>
</table>

**Note:** No more than a maximum of 6 credits may be earned in SOC 315, 6 credits in SOC 498, and 6 credits in SOC 499, respectively, may be counted toward this major.

Courses to total 120 credits for this degree

### B. Inequalities and Globalization

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 301/</td>
<td>Introduction to Diversity and Stratification</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 301</td>
<td>Development of Social Theory</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 311</td>
<td></td>
<td></td>
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</tbody>
</table>

One of the following (3 cr):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 460</td>
<td>Capstone: Sociology in Action</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 462</td>
<td>Senior Practicum</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 464</td>
<td>Criminology Abroad</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

Selected upper-division emphasis electives (15 cr):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 418</td>
<td>Anthropology of Tourism</td>
<td>3 cr</td>
</tr>
<tr>
<td>ANTH 462/</td>
<td>Human Issues in International Development</td>
<td>3 cr</td>
</tr>
<tr>
<td>LAS 462</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC 313</td>
<td>Collective Behavior</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 315</td>
<td>Community Service Learning</td>
<td>1-4 cr</td>
</tr>
<tr>
<td>SOC 325</td>
<td>Family, Violence, and Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 327</td>
<td>Sociology of the Family</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 335</td>
<td>Terrorism, Society and Justice</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 336</td>
<td>Comparative Criminal Justice Systems</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 340</td>
<td>Social Change &amp; Globalization</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 341</td>
<td>Science, Technology, and Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 343</td>
<td>Power, Politics, and Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 345</td>
<td>Extremism and American Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 346</td>
<td>Responding to Risk</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 350</td>
<td>Food, Culture, and Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 403</td>
<td>Workshop</td>
<td>1-16 cr</td>
</tr>
<tr>
<td>SOC 404</td>
<td>Special Topics</td>
<td>1-16 cr</td>
</tr>
<tr>
<td><strong>SOC 421</strong></td>
<td>Gender and Crime</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

SOC 423 Sociology of Prosperity: Social Class and Economics in the 21st Century 3 cr
Sociology of Gender 3 cr
Racial and Ethnic Relations 3 cr
Personal and Social Issues in Aging 3 cr
Inequalities in the Justice System 3 cr
Dynamics of Social Protest 3 cr
Environment, Policy, and Justice 3 cr
Internship 1-6 cr

**Note: No more than 6 credits may be earned in SOC 315, 6 credits in SOC 498, and 6 credits in SOC 498, respectively, may be counted toward this major.**

Courses to total 120 credits for this degree

**C. General Sociology**

Development of Social Theory 3 cr
Social Problems 3 cr
Introduction to Diversity and Stratification 3 cr
Capstone: Sociology in Action 3 cr
Senior Practicum 3 cr
Criminology Abroad 3 cr

**Selected upper-division emphasis electives (15 cr):**

Introduction to Diversity and Stratification 3 cr
Collective Behavior 3 cr
Community Service Learning 1-4 cr
Family, Violence, and Society 3 cr
Sociology of the Family 3 cr
Terrorism, Society and Justice 3 cr
Violence and Society 3 cr
Social Change & Globalization 3 cr
Science, Technology, and Society 3 cr
Power, Politics, and Society 3 cr
Urban Sociology 3 cr
Extremism and American Society 3 cr
Responding to Risk 3 cr
Food, Culture, and Society 3 cr
Workshop 1-16 cr
Special Topics 1-16 cr
Qualitative Social Science Methods 3 cr
Social Data Analysis 3 cr
Sociology of Prosperity: Social Class and Economics in the 21st Century 3 cr
Sociology of Gender 3 cr
Society and Popular Culture 3 cr
Sociology of Sports 3 cr
Racial and Ethnic Relations 3 cr
Personal and Social Issues in Aging 3 cr
Inequalities in the Justice System 3 cr
Dynamics of Social Protest 3 cr
Environment, Policy, and Justice 3 cr
Internship 1-6 cr
SOC 499 Directed Study 1-16 cr

**Note: No more than 6 credits may be earned in SOC 315, 6 credits in SOC 498, and 6 credits in SOC 499 respectively may be counted toward this major.**

Courses to total 120 credits for this degree

4. Make the following curricular changes to the Justice Studies Minor:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 334</td>
<td>Police and Social Control</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 130</td>
<td>Introduction to Criminology</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

One of the following (3 cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 330</td>
<td>Juvenile Delinquency</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 331</td>
<td>Criminology Theory</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 332</td>
<td>Sociology of Punishment</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 334</td>
<td>Police and Social Control</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

One of the following (3 cr):

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 328</td>
<td>Deviant Behavior (3 cr)</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 330</td>
<td>Juvenile Delinquency (3 cr)</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

One of the following (3 cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 420</td>
<td>Sociology of Law (3 cr)</td>
<td>3 cr</td>
</tr>
<tr>
<td>AIST 420</td>
<td>Native American Law (3 cr)</td>
<td>3 cr</td>
</tr>
<tr>
<td>PHIL 470</td>
<td>Philosophy of Law (3 cr)</td>
<td>3 cr</td>
</tr>
<tr>
<td>POLS 467</td>
<td>Constitutional Law (3 cr)</td>
<td>3 cr</td>
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<td>POLS 468</td>
<td>Civil Liberties (3 cr)</td>
<td>3 cr</td>
</tr>
<tr>
<td>POLS 469</td>
<td>The Judicial Process (3 cr)</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

Three or more of the following to total at least 21 cr for the minor (9 cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 467</td>
<td>Constitutional Law</td>
<td>3 cr</td>
</tr>
<tr>
<td>POLS 468</td>
<td>Civil Liberties</td>
<td>3 cr</td>
</tr>
<tr>
<td>POLS 469</td>
<td>The Judicial Process</td>
<td>3 cr</td>
</tr>
<tr>
<td>ANTH 451</td>
<td>Forensic Anthropology</td>
<td>3 cr</td>
</tr>
<tr>
<td>AGEC 477</td>
<td>Law, Ethics and the Environment</td>
<td>3 cr</td>
</tr>
<tr>
<td>PSYC 311</td>
<td>Abnormal Psychology</td>
<td>3 cr</td>
</tr>
<tr>
<td>PSYC 320</td>
<td>Introduction to Social Psychology</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 301</td>
<td>Introduction to Diversity and Stratification</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 325</td>
<td>Family, Violence, and Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 327</td>
<td>Sociology of the Family</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 329</td>
<td>Homicide</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 333</td>
<td>Elite and White Collar Crime</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 335</td>
<td>Terrorism, Society and Justice</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 336</td>
<td>Comparative Criminal Justice Systems</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 337</td>
<td>Violence and Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 338</td>
<td>Regulation of Vice</td>
<td>3 cr</td>
</tr>
</tbody>
</table>
### General Curriculum Report #287
UNIVERSITY OF IDAHO – OFFICE OF THE REGISTRAR
FEBRUARY 17, 2017

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 339</td>
<td>Crime and the Media</td>
<td>3 cr</td>
</tr>
<tr>
<td>JAMM 339</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC 345</td>
<td>Extremism in American Society</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 346</td>
<td>Responding to Risk</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 404</td>
<td>Special Topics</td>
<td>Cr arr</td>
</tr>
<tr>
<td>SOC 420</td>
<td>Sociology of Law</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 421</td>
<td>Gender and Crime</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 424</td>
<td>Sociology of Gender</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 427</td>
<td>Racial and Ethnic Relations</td>
<td>3 cr</td>
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<td>ANTH 427</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC 439</td>
<td>Inequalities in the Justice System</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC 464</td>
<td>Criminology Abroad</td>
<td>3 cr</td>
</tr>
<tr>
<td>WLF 205</td>
<td>Wildlife Law Enforcement</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

**Courses to total 21 credits for this minor**

5. Make the following curricular changes to the **Sociology Minor**:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 101</td>
<td>Introduction to Sociology</td>
<td>3 cr</td>
</tr>
<tr>
<td></td>
<td>Research Methods Course Acceptable to Student's Major Field</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC</td>
<td>One 200-Level Sociology Course</td>
<td>3 cr</td>
</tr>
<tr>
<td>SOC</td>
<td>Sociology Electives</td>
<td>12 cr</td>
</tr>
</tbody>
</table>

*Sociology Electives: 9 cr must be in Upper-Division Courses.*

**One of the following (3 cr):**

- Soc 230 Social Problems (3 cr)
- Soc 301 Diversity and Stratification (3 cr)

**Selected electives (12 cr):**

- Soc 301 Introduction to Diversity and Stratification (3 cr)
- Soc 313 Collective Behavior (3 cr)
- Soc 315 Community Service Learning (3 cr, max 4)**
- Soc 325 Family, Violence, and Society (3 cr)
- Soc 327 Sociology of the Family (3 cr)
- Soc 335 Terrorism, Society and Justice (3 cr)
- Soc 337 Violence and Society (3 cr)
- Soc 340 Social Change & Globalization (3 cr)
- Soc 341 Science, Technology, and Society (3 cr)
- Soc 343 Power, Politics, and Society (3 cr)
- Soc 344 Urban Sociology (3 cr)
- Soc 345 Extremism in American Society (3 cr)
- Soc 346 Responding to Risk (3 cr)
- Soc 350 Food, Culture, and Society (3 cr)
- Soc 403 Workshop (cr arr)
- Soc 404 Special Topics (cr arr)
- Soc 415 Citizen's Police Academy (3 cr)
- Soc 416 Qualitative Social Science Methods (3 cr)
- Soc 417 Social Data Analysis (3 cr)
- Soc 423 Social Class and Economics in the 21st Century (3 cr)
- Soc 424 Sociology of Gender (3 cr)
- Soc 425 Society and Pop Culture (3 cr)
- Soc 426 Sociology of Sports (3 cr)
### Academics

#### Courses to total 2021 credits for this minor

**Note: No more than 6 credits in Soc 498, and 6 credits in Soc 499 may be counted toward this minor.**

6. Make the following curricular changes to the **Diversity and Stratification Undergraduate Certificate**:

- **Academic Exploration Component (6-9 cr):**
  - SOC 301 Introduction to Diversity and Stratification 3 cr

- **Focus Course Electives (3-6 cr):**
  - Selected upper-division emphasis electives (6 cr):
    - AMST 301 Studies in American Cultures 3 cr
    - ANTH 220 Peoples of the World 3 cr
    - ANTH 327 Belief Systems 3 cr
    - ANTH 329 North American Indians 3 cr
    - ANTH 412 Human Races 3 cr
    - ANTH 422 Plateau Indians 3 cr
    - ANTH 462/LAS 462 Human Issues in International Development 3 cr
    - COMM 335 Intercultural Communication 3 cr
    - COMM 410 Conflict Management 3 cr
    - COMM 432 Gender and Communication 3 cr
    - COMM 491 Communication and Aging 3 cr
    - EDCI 302 Teaching Culturally Diverse Learners 4 cr
    - ENGL 380 Introduction to U.S. Ethnic Literature 3 cr
    - ENGL 481 Women’s Literature 3 cr
    - ENGL 483 African American Literatures 3 cr
    - ENGL 484 American Indian Literature 3 cr
    - FCS 410 Growing Old in a New Age 3 cr
    - HIST 315 Comparative African American Cultures 3 cr
    - HIST 420 History of Women in American Society 3 cr
    - HIST 426 Red Earth White Lies: American Indian History 1840-Present 3 cr
    - HIST 431 Stolen Continents, the Indian Story: Indian History to 1840 3 cr
    - HIST 441 Slavery and Freedom in the Americas 3 cr
    - JAMM 340 Cultural Diversity and the Media 3 cr
    - JAMM 490 Global Media 3 cr
    - MUSH 201 History of Rock and Roll 3 cr
    - MUSH 410 Studies in Jazz History 3 cr
    - POLS 423 Politics, Policy, and Gender 3 cr
    - PSYC 315 Psychology of Women 3 cr
    - PSYC 330 Human Sexuality 3 cr
    - PSYC 419 Adult Development and Aging 3 cr
    - SOC 325 Family, Violence and Society 3 cr
    - SOC 327 Sociology of the Family 3 cr
SOC 340  Social Change and Globalization  3 cr
SOC 343  Power, Politics, and Society  3 cr
SOC 350  Food, Culture, and Society  3 cr
SOC 421  Gender and Crime  3 cr
SOC 423  Socioculture and Globalization  3 cr
SOC 424  Sociology of Gender  3 cr
SOC 427/ANTH 427  Racial and Ethnic Relations  3 cr
SOC 431  Personal and Social Issues in Aging  3 cr
SOC 439  Inequalities in the Justice System  3 cr
WMST 367  Topics in Women's Studies  3 cr
WMST 410  Feminist Theory and Action  3 cr

Application Component Electives
(3 cr, no more than 6 cr can apply to this certificate):
ANTH 203  Workshop  1-16 cr
ANTH 403  Workshop  1-16 cr
SOC 203  Workshop  1-16 cr
SOC 403  Workshop  1-16 cr
Experiential Learning  0-3 cr

Courses to total 12 credits for this certificate

THEATRE ARTS
1. Add and joint-list the following courses:

The 564 Scenographic Techniques (3 cr)
See The J464/J564.

The 565 Advanced Scene Design (3 cr)

The 566 Scene Painting (3 cr)
See The J466/J566.

COLLEGE OF NATURAL RESOURCES

ENVIRONMENTAL SCIENCE
1. Make the following curricular changes to the Environmental Science Major (M.S., non thesis):

Each student will design a study plan in consultation with an advisor. The study plan is subject to approval by the director and the Graduate College.

There are five requirements for the M.S. degree in environmental science: (1) Depth requirement: the graduate program is structured around three option areas, biological science, physical science, or social science. A student must complete a minimum of 12 credits (thesis degree) or 15 credits (non-thesis degree) in one of the three option areas; (2) Breadth requirement: A student must complete a minimum of 3 credits at the MS level in each of the other two option areas; (3) A student must complete one course (3 cr) in appropriate research methods or statistics at the 500 level; (4) Three seminar credits, including at least 1 credit in ENVS 501, ENVS 501 (2 cr), ENVS 500 (6 cr, thesis degree) or ENVS 599 (3 cr, non-thesis degree). These requirements may be augmented to compensate for undergraduate deficiencies.
1. **Add the following course:**

   **Fish 495 Introduction to Aquatic Restoration (1 cr)**
   Fundamental theoretical and practical concepts in aquatic restoration spanning from in-water to the top of the watershed. Major topics include water quality, sources of pollution, restoration techniques (in-water and terrestrial) to restore aquatic ecosystems, and the role of using an adaptive systems approach. Lecture material are delivered online, while a 1-2 day face-to-face hands-on practicum will be based out of UI’s Lakes Social Ecological Systems (LaSES) lab at the Harbor Center in Coeur D’Alene or UI’s McCall Outdoor Science School (MOSS) in McCall.
   **Prereq:** For 221/REM 221/WLF 220

2. **Add and cross-list the following course:**

   **WLF 220 Principles of Ecology (3 cr)**
   See REM 221.

3. **Make the following curricular changes to the Aquaculture Minor:**

   - **BIOL 250** General Microbiology 3 cr
   - **BIOL 255** General Microbiology Lab 2 cr
   - **FISH 422** Concepts in Aquaculture 4 cr
   - **FISH 424** Fish Health Management 4 cr
   - **FISH 481** Ichthyology 4 cr

   **Three of the following courses:**
   - **ASM 107** Beginning Welding 2 cr
   - **AVS 305** Animal Nutrition 3 cr
   - **BUS 321** Marketing 3 cr
   - **BUS 414** Entrepreneurship 3 cr
   - **FISH 498** Internship 1-16 cr

   **Courses to total 20 credits for this minor**

4. **Make the following curricular changes to the Major in Fishery Resources (B.S.F.R.):**

   **First and Second Years**
   - **BIOL 114** Organisms and Environments 4 cr
   - **BIOL 115** Cells & the Evolution of Life 3 cr
   - **BIOL 115L** Cells and the Evolution of Life Laboratory 1 cr
   - **BIOL 213** Principles of Biological Structure and Function 4 cr
   - **COMM 101** Fundamentals Public Speaking 2 cr
   - **ECON 202** Principles of Microeconomics 3 cr
   - **FISH 102/ WLF 102** The Fish and Wildlife Professions 1 cr
   - **FISH 202** Fish & Wildlife Applications II 1 cr
   - **FOR 235/ NRS 235** Society and Natural Resources 3 cr
   - **FOR 375** Introduction to Spatial Analysis for Natural Resource Management 3 cr
   - **GEOL 101** Physical Geology 3 cr
   - **GEOL 101L** Physical Geology Lab 1 cr
   - **NR 101** Exploring Natural Resources 2 cr
STAT 251  Statistical Methods  3 cr
WLF 201  Fish and Wildlife Applications I  1 cr

One of the following (4 cr):
CHEM 101  Introduction to Chemistry I  4 cr
CHEM 111  Principles of Chemistry I  4 cr

One of the following (3 cr):
CHEM 275  Carbon Compounds  3 cr
CHEM 277  Organic Chemistry I  3 cr

One of the following (3 cr):
FOR 221/REM 221  Ecology  3 cr

One of the following (4 cr):
MATH 160  Survey of Calculus  4 cr
MATH 170  Analytic Geometry and Calculus I  4 cr

One of the following (4 cr):
GEOG 100  Physical Geography  3 cr
GEOG 100L  Physical Geography Lab  1 cr
GEOG 101  Physical Geology  3 cr
GEOG 101L  Physical Geology Lab  1 cr
PHYS 100  Fundamentals of Physics  3 cr
PHYS 100L  Fundamentals of Physics Lab  1 cr
PHYS 111  General Physics I  3 cr
PHYS 111L  General Physics I Lab  1 cr

Third and Fourth Years
BIOL 250  General Microbiology  3 cr
BIOL 255  General Microbiology Lab  2 cr
NRS 383  Natural Resource and Ecosystem Service Economics  3 cr
FISH 314  Fish Ecology  3 cr
FISH 315  Fish Ecology Lab  1 cr
FISH 415  Limnology  4 cr
FISH 418  Fisheries Management  4 cr
FISH 481  Ichthyology  4 cr
FISH 495  Fisheries Seminar  1 cr
WLF 371  Physiological Ecology of Fish and Wildlife  3 cr
WLF 448  Fish and Wildlife Population Ecology  4 cr

One of the following (2 cr):
FISH 398  Renewable Natural Resources Internship  1-16 cr
WLF 398  Renewable Natural Resources Internship  1-16 cr
One of the following (3 cr):
- ENGL 313 Business Writing 3 cr
- ENGL 316 Environmental Writing 3 cr
- ENGL 317 Technical Writing 3 cr
- ENGL 318 Science Writing 3 cr

One of the following (3-4 cr):
- FISH 422 Concepts in Aquaculture 4 cr
- FISH 424 Fish Health Management 4 cr

One of the following (3 cr):
- BIOL 310 Genetics 3 cr
- GENE 314 General Genetics 3 cr

Courses to total 120 credits for this degree

5. Make the following curricular changes to the Major in Wildlife Resources (B.S.Wildl.Res.)

First and Second Years
- BIOL 114 Organisms and Environments 4 cr
- BIOL 115 Cells & the Evolution of Life 3 cr
- BIOL 115L Cells and the Evolution of Life Laboratory 1 cr
- BIOL 213 Principles of Biological Structure and Function 4 cr
- CHEM 101 Introduction to Chemistry I 4 cr
- COMM 101 Fundamentals Public Speaking 2 cr
- ECON 202 Principles of Microeconomics 3 cr
- FISH 202 Fish & Wildlife Applications II 1 cr
- FOR 235/ NRS 235 Society and Natural Resources 3 cr
- NR 101 Exploring Natural Resources 2 cr
- STAT 251 Statistical Methods 3 cr
- WLF 102 The Fish and Wildlife Professions 1 cr
- WLF 201 Fish and Wildlife Applications I 1 cr

Ecology (3 cr):
- FOR 221/ REM 221 Ecology 3 cr

One of the following (3 cr):
- CHEM 275 Carbon Compounds 3 cr
- CHEM 277 Organic Chemistry I 3 cr

One of the following (3-4 cr):
- FOR 320 Dendrology 4 cr
- REM 341 Systematic Botany 3 cr
- REM 252 Wildland Plant Identification 2 cr
  AND
- REM 253 Wildland Plant Identification Field Studies 1 cr

One of the following (4 cr):
- GEOL 101 Physical Geology 3 cr
AND
GEOL 101L Physical Geology Lab 1 cr

PHYS 100 Fundamentals of Physics 3 cr
AND
PHYS 100L Fundamentals of Physics Lab 1 cr

PHYS 111 General Physics I 3 cr
AND
PHYS 111L General Physics I Lab 1 cr

SOIL 205 The Soil Ecosystem 3 cr
AND
SOIL 206 The Soil Ecosystem Lab 1 cr

One of the following (4 cr):
MATH 160 Survey of Calculus 4 cr
MATH 170 Analytic Geometry and Calculus I 4 cr

Third and Fourth Years
FOR 375 Introduction to Spatial Analysis for Natural Resource Management 3 cr
NRS 383 Natural Resource and Ecosystem Service Economics 3 cr
REM 411 Wildland Habitat Ecology and Assessment 2 cr
WLF 314 Ecology of Terrestrial Vertebrates 3 cr
WLF 315 Techniques Laboratory 2 cr
WLF 371 Physiological Ecology of Fish and Wildlife 3 cr
WLF 440 Conservation Biology 3 cr
WLF 448 Fish and Wildlife Population Ecology 4 cr
WLF 492 Wildlife Management 4 cr

One of the following (3 cr):
BIOL 310 Genetics 3 cr
GENE 314 General Genetics 3 cr

One of the following (3 cr):
COMM 431 Applied Business and Professional Communication 3 cr
ENGL 208 Personal & Exploratory Writing 3 cr
ENGL 316 Environmental Writing 3 cr
ENGL 317 Technical Writing 3 cr
ENGL 318 Science Writing 3 cr

One of the following (2-3 cr):
COMM 410 Conflict Management 3 cr
FOR 484 Forest Policy and Administration 2 cr
NRS 387 Environmental Communication Skills 3 cr
NRS 486 Public Involvement in Natural Resource Management 3 cr
WLF 205 Wildlife Law Enforcement 2 cr
NRS 250 Environmental Problem Solving 3 cr
NRS 462 Natural Resource Policy 3 cr

One of the following (2 cr):
FISH 398 Renewable Natural Resources Internship 1-16 cr
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WLF 398 Renewable Natural Resources Internship 1-16 cr

Restricted electives
Choose two courses from the following (must receive a grade of C or better):
BIOL 483 Mammalogy 3 cr
BIOL 489 Herpetology 4 cr
FISH 481 Ichthyology 4 cr
WLF 482 Ornithology 4 cr

Courses to total 120 credits for this degree

6. Make the following curricular changes to the Tribal Natural Resources Stewardship Undergraduate Certificate:

AIST 404 Special Topics 1-16 cr

Course Topic required: Tribal Sovereignty (3 cr)
AIST 478/LAW 928 Tribal Nation Economics and Law 3 cr
LARC 480 The Resilient Landscape 3 cr
REM 221/ FOR 221 Ecology 3 cr
REM 280 Introduction to Wildland Restoration 2 cr
SOIL 205 The Soil Ecosystem 3 cr
FISH 405 Introduction to Aquatic Restoration 1 cr
FOR 310 Indigenous Culture and Ecology 3 cr
AIST 314 Tribal Sovereignty and Federal Policy 3 cr
AIST 498 American Indian Studies Internship 1 cr
FISH 398 Renewable Natural Resources Internship OR
WLF 398 Renewable Natural Resources Internship 1-16 cr

One of the following (3 cr):
FOR 375 Introduction to Spatial Analysis for Natural Resource Management 3 cr
GEOG 385 GIS Primer 3 cr

One of the following (3-4 cr):
BE 433 Bioremediation 3 cr
BE 450 Environmental Hydrology 3 cr
BE 452 Environmental Water Quality 3 cr
CE 433 Water Quality Management 3 cr
FISH 314 Fish Ecology 3 cr
FISH 415 Limnology 4 cr
FISH 430 Riparian Ecology 3 cr
FOR 310 Indigenous Culture and Ecology 3 cr – Max 9 cr
FOR 326 Fire Ecology and Management 3 cr
FOR 462 Watershed Science and Management 3 cr
GEOG 424 Hydrologic Applications of GIS and Remote Sensing 3 cr
LARC 480 The Resilient Landscape 3 cr
REM 440 Wildland Restoration Ecology 3 cr
REM 456 Integrated Rangeland Management 3 cr
REM 459 Rangeland Ecology 2 cr
WLF 314 Ecology of Terrestrial Vertebrates 3 cr
WLF 440 Conservation Biology 3 cr

One of the following (23-4 cr):
FISH 481 Ichthyology 4 cr
FOR 320 Dendrology 4 cr
PLSC 205 General Botany 4 cr
REM 252 Wildland Plant Identification Field Studies 2 cr
REM 253 Wildland Plant Identification Field Studies 1 cr
REM 341 Systematic Botany 3 cr

Courses to total 2625 credits for this certificate

FOREST, RANGELAND AND FIRE SCIENCES

1. Add the following course:

   **For 522 Belowground Processes (3 cr)**
   Belowground Processes considers current advancements in understanding of root growth and development, water and nutrient acquisition, rhizosphere functions, soil microbial community composition and functions, organic matter decomposition, and symbiotic associations between plants and microbes. Examples focus mainly on forest and wildland terrestrial ecosystems. Students learn various techniques for studying belowground processes and apply them in self-directed, hypothesis-driven projects. Offered every other year during fall semester.
   **Prereq:** Graduate standing or instructor permission

2. Change the following courses:

   **For 273275 Forestry Resource Sampling (2 cr)**
   Principles and practice of natural resource inventory, forest sampling and data analysis techniques, LIDAR, forest growth, and quantitative decision support. Lab analysis examples and use of Excel and statistical packages are integrated into lectures.
   **Coreq:** FOR 274 and STAT 251

   **For 324 Forest Regeneration (3 cr)**
   Natural and artificial regeneration of forest ecosystems; reproduction methods; selection of seed source and stock type; nursery cultural practices; tree improvement; site preparation methods to establish regeneration. One lecture and one 2-hr lab a week. Two all day field trips. A semester-long project requires time spent weekly in a nursery to regularly monitor plant development under varied environmental conditions (approximately 45 hours over the 18-week spring semester in addition to lectures, labs and out-of-class studying).
   **Cooperative:** Open to WSU degree-seeking students.
   **Prereq:** For 274, For 330, Soil 205 and Soil 206
   **Coreq:** For 330

   **For 424 Silvicultural Principles and Practices (4 cr)**
   Gen Ed: Senior Experience
   Theory underlying silvicultural practices to control forest composition and growth, including forest stand dynamics, tree growth and quality, and growth-density relationships. Study of intermediate stand treatments and reproduction methods. Final project required involving field data collection and forest modeling to develop and mark silvicultural prescriptions. 3-hrs of lecture and 2-hrs of lab per week.
   **Prereq:** Senior standing and For 274, For 320 or other plant identification course, For 324 and For 330, or instructor's permission.
For 497 (s) Senior Thesis (2-4 cr, max 4-1 cr)
Independently plan and conduct a thesis project; write and defend the thesis under supervision of an advisor.
**Prereq:** Senior standing and minimum 3.20 GPA or Permission

For 529 Forest Ecosystem Analysis - Ecosystem Analysis and Modeling (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) Terrestrial ecosystem processes, analysis, and modeling from the leaf to the landscape scale; techniques for measuring and modeling ecosystem attributes; integration with land management and climate change impacts. Field trip required. (Fall only)

REM 151 Rangeland Principles (2 cr)
Rangelands are vast landscapes that cover most of western North America and the earth. Students will examine the ecological principles that cause these grasslands, shrublands, woodlands and deserts to change or stay the same. How humans use and manage these ecosystems will also be explored. The modern challenges of rangeland management must be met with broad thinking and new, sustainable practices to maintain and restore rangelands and the human communities that rely on them. **Course requires in-class projects and field experience(s).**

REM 252 Wildland Plant Identification Field Studies (2 cr)
Develop skills to identify and classify major rangeland plants. Focus is on identification of grasses, forbs, and shrubs. Discussions will also encompass the ecological roles of wildland plants and the ecosystem classification. This course includes a 1-day field trip. Required for REM majors. (Spring only)

REM 410 Principles of Vegetation Measurement (2 cr)
On-line course designed to give an overview of vegetation measurement techniques for grasslands, shrublands, woodlands, and forests. Students will gain a solid understanding of how to evaluate and monitor vegetation attributes relative to wildlife habitat, livestock forage, fire fuel characteristics, watershed function, and many other wildland values. Recommended Preparation: A basic statistics course and understanding of how to use computer spreadsheets such as Excel. (Fall only) Students who desire a hands-on and interactive experience with vegetation measurement are encouraged to also enroll in REM 411 which is a course the builds on the principles delivered in REM410 and includes field experiences.
**Prereq:** STAT 251 or permission

REM 411 Ecological Monitoring and Analysis (2 cr)
This course integrates field sampling with quantitative and theoretical concepts related to scientific research, wildlife habitat, and land management practices. Field and data analysis course where students collect, analyze, and report on ecological data in various formats, and learn specific protocols used by professionals to assess wildlife habitat related to scientific research, wildlife habitat, fire, grazing, and land management practices. Class field trips required. Recommended preparation: REM 252 & 253, REM 341, or other plant identification class; Ability ability to use excel. Co-enrollment in REM 410 is recommended.
**Prereq:** Stat 251 or Permission

REM 459 Rangeland Ecology (2 cr)
Application of ecological principles in rangeland management; stressing response and behavior of range ecosystems to various kinds and intensity of disturbance and management practice. [Web-only](http://www.cnr.uidaho.edu/range459bunting/). Recommended Preparation: courses in general ecology (e.g., REM 221), technical writing (e.g., Engl 317), and vegetation assessment (e.g., REM 410 or For 274) or Permission (Fall only).
3. Change and cross-list the following courses:

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

**RMat 495 Product Development and Brand Management (3 cr)**
*See Bus 495.* Principles of product planning, development and commercialization; concept testing; product-life cycle management; portfolio analysis; targeting and positioning; team management; and implementing product decisions. (Fall only)

4. Change the following cross-listed courses:

**For 221 Principles of Ecology (3 cr)**
*See REM 221.*
**REM 221 Principles of Ecology (3 cr)**
Same as For 221 and WLF 220. Fundamental principles of ecology. Major topics covered by the course include the physical environment, how organisms interact with each other and their environment, evolutionary processes, population dynamics, communities, energy flow and ecosystems, human influences on ecosystems, and the integration and scaling of ecological processes through systems ecology. Computer-based materials are used extensively for guided independent learning of ecology; a good working knowledge of Windows-based computer systems is recommended. An online version of this course is offered as a separate section. Course information: EcologyOnline.net. Recommended Preparation: Introductory botany and zoology. Principles of ecology and their relevance to management of natural resources. Major topics include plant and wildlife population, community, ecosystem, and landscape level processes and how these processes interact with the environment. Exploration of how ecosystems are affected by humans and global change. Introduction to the types of questions asked by ecologists, the principal concepts and theories that guide ecological inquiry, and the methods that are used to answer ecological questions. Both terrestrial and aquatic systems are considered.
*Prereq:* Biol 102/Biol 102L or Biol 114 or Biol 115 or PlSc 205; or Permission

**For 472 Remote Sensing of the Environment (3-4 cr)**
Same as REM-472/NRS 472. Current airborne and satellite systems, data acquisition on ground and from remote locations, instrumentation, imagery interpretation and digital analysis, applications for natural resource science and management. Two 75-minute lectures and one two-hour lab per week. Recommended Preparation: *Math 143 Phys 100 or Phys 112.* Cooperative: open to WSU degree-seeking students.

5. Drop the following course:

**REM 472 Remote Sensing of the Environment (4 cr)**
See For 472. Cooperative: open to WSU degree-seeking students.

6. Make the following curricular changes to the **Major in Fire Ecology and Management (B.S.Fire.Ecol.Mgmt.)**:

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

- **ECON 202** Principles of Microeconomics 3 cr
- **FOR 235/NRS 235** Society and Natural Resources 3 cr
- **FOR 274** Forest Measurement and Inventory 3 cr
- **FOR 326** Fire Ecology and Management 3 cr
FOR 375  Introduction to Spatial Analysis for Natural Resource Management  3 cr
FOR 427  Prescribed Burning Lab  3 cr
FOR 433  Fire and Fuel Modeling  2 cr
FOR 450  Fire Behavior  2 cr
FOR 484  Forest Policy and Administration  2 cr
NR 101  Exploring Natural Resources  2 cr
NRS 125  Introduction to Conservation and Natural Resources  3 cr
NRS 383  Natural Resource and Ecosystem Service Economics  3 cr
PHYS 100  Fundamentals of Physics  3 cr
PHYS 100L  Fundamentals of Physics Lab  1 cr
PLSC 205  General Botany  4 cr
REM 144  Wildland Fire Management  2 cr
REM 407  GIS Application in Fire Ecology and Management  2 cr
REM 459  Rangeland Ecology  2 cr
SOIL 205  The Soil Ecosystem  3 cr
SOIL 206  The Soil Ecosystem Lab  1 cr
STAT 251  Statistical Methods  3 cr

One of the following (3-4 cr):
FOR 330  Forest Soil and Canopy Processes  4 cr
FOR 424  Silvicultural Principles and Practices  4 cr
REM 456  Integrated Rangeland Management  3 cr

One of the following (3 cr):
REM 429  Landscape Ecology  3 cr
FOR 435  Remote Sensing of Fire  3 cr

One of the following (4 cr):
BIOL 114  Organisms and Environments  4 cr
BIOL 115  Cells & the Evolution of Life
         AND
BIOL 115L  Cells and the Evolution of Life Laboratory  1 cr

One of the following (4 cr):
CHEM 101  Introduction to Chemistry I  4 cr
CHEM 111  Principles of Chemistry I  4 cr

One of the following (3 cr):
ENGL 313  Business Writing  3 cr
ENGL 317  Technical Writing  3 cr

Ecology (3 cr):
FOR 221/  Ecology  3 cr
REM 221

One of the following courses (3 cr):
GEOG 301  Meteorology  3 cr
GEOG 313  Global Climate Change  3 cr
FOR 454  Air Quality, Pollution, and Smoke  3 cr
One of the following (3-4 cr):

- MATH 143 Pre-calculus Algebra and Analytic Geometry 3 cr
- MATH 160 Survey of Calculus 4 cr

One of the following courses (3-4 cr):

- FOR 320 Dendrology 4 cr
- REM 252 Wildland Plant Identification Field Studies 2 cr
- REM 341 Systematic Botany 3 cr

Advisor Approved Electives or Approved Minor

Complete 13 credits of Advisor Approved Electives OR one of the following Minors:
- Rangeland Ecology and Management
- Forest Resources
- Natural Resource Conservation
- Natural Resources Economics
- Fishery Resources
- Wildlife Resources
- Ecology
- Forest Operations
- Renewable Materials

Courses to total 120 credits for this degree

7. Make the following changes to the Major in Forestry (B.S.Forestry):

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

- BIOL 114 Organisms and Environments 4 cr
- ECON 202 Principles of Microeconomics 3 cr
- ENT 469 Introduction to Forest Insects 2 cr
- FOR 102 Introduction to Forest Management 1 cr
- FOR 235/ NRS 235 Society and Natural Resources 3 cr
- FOR 273 Forestry Sampling Methods 2 cr
- FOR 274 Forest Measurement and Inventory 3 cr
- FOR 320 Dendrology 4 cr
- FOR 324 Forest Regeneration 3 cr
- FOR 330 Forest Soil and Canopy Processes 4 cr
- FOR 375 Introduction to Spatial Analysis for Natural Resource Management 3 cr
- FOR 424 Silviculture Principles and Practices 4 cr
- FOR 430 Forest Operations 3 cr
- FOR 462 Watershed Science and Management 3 cr
- FOR 468 Forest and Plant Pathology 2 cr
- FOR 484 Forest Policy and Administration 2 cr
- MATH 143 Pre-calculus Algebra and Analytic Geometry 3 cr
- MATH 144 Analytic Trigonometry 1 cr
- NR 101 Exploring Natural Resources 2 cr
- NRS 383 Natural Resource and Ecosystem Service Economics 3 cr
- PHYS 100 Fundamentals of Physics 3 cr
- PLSC 205 General Botany 4 cr
- REM 144 Wildland Fire Management 2 cr
- SOIL 205 The Soil Ecosystem 3 cr
SOIL 206  The Soil Ecosystem Lab  1 cr
STAT 251  Statistical Methods  3 cr
One of the following (4 cr):
CHEM 101  Introduction to Chemistry I  4 cr
CHEM 111  Principles of Chemistry I  4 cr
Ecology (3 cr):
FOR 221/REM 221  Ecology  3 cr

Advisor Approved Electives or Minor
Complete 13 credits of Advisor Approved Electives OR one of the following Minors:
Business
Ecology
Environmental Communication
Fire Ecology and Management
Fishery Resources
Forest Operations
Natural Resource Conservation
Natural Resources Economics
Renewable Materials
Rangeland Ecology and Management
Soil Science
Wildlife Resources
Horticulture

Courses to total 120 credits for this degree

8. Make the following changes to the Major in Rangeland Ecology and Management (B.S.Range.Ecol.Mgmt.)

This major prepares students to conserve, restore, and manage the vast landscapes known as rangelands. These ecosystems include deserts, prairies, shrublands, and woodlands. The degree program focuses on the scientific study of rangelands and introduces principles for managing and restoring rangelands for maximum benefit and ecosystem sustainability.

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

First and Second Years
AVS 109  The Science of Animals that Serve Humanity  4 cr
BIOL 115  Cells & the Evolution of Life  3 cr
BIOL 115L  Cells and the Evolution of Life Laboratory  1 cr
CHEM 275  Carbon Compounds  3 cr
BIOL 114  Organisms and Environments  4 cr
COMM 101  Fundamentals Public Speaking  2 cr
ECON 202  Principles of Microeconomics  3 cr
FOR 235/NRS 235  Society and Natural Resources  3 cr
NR 101  Exploring Natural Resources  2 cr
REM 151  Rangeland Principles  2 cr
REM 152  Rangeland Ecosystem Exploration  1 cr
SOIL 205  The Soil Ecosystem  3 cr
SOIL 206  The Soil Ecosystem Lab  1 cr
STAT 251  Statistical Methods  3 cr
REM 252  Wildland Plant Identification  2 cr
### General Curriculum Report #287

**UNIVERSITY OF IDAHO – OFFICE OF THE REGISTRAR**  
**FEBRUARY 17, 2017**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>REM 253</td>
<td>Wildland Plant Identification Field Studies</td>
<td>1 cr</td>
</tr>
</tbody>
</table>

**One of the following (4 cr):**

- BIOL 213 Principles of Biological Structure and Function 4 cr
- PLSC 205 General Botany 4 cr

**One of the following (4 cr):**

- CHEM 101 Introduction to Chemistry I 4 cr
- CHEM 111 Principles of Chemistry I 4 cr

**One of the following (3-4 cr):**

- MATH 143 Pre-calculus Algebra and Analytic Geometry 3 cr
- MATH 160 Survey of Calculus 4 cr

**Ecology (3 cr):**

- FOR 221/REM 221 Ecology 3 cr

**Third and Fourth Years**

- FOR 375 Introduction to Spatial Analysis for Natural Resource Management 3 cr
- NRS 383 Natural Resource and Ecosystem Service Economics 3 cr
- REM 252 Wildland Plant Identification Field Studies 2 cr
- REM 341 Systematic Botany 3 cr
- REM 410 Principles of Vegetation Measurement 2 cr
- REM 411 Wildland Habitat Ecology and Assessment 2 cr
- REM 440 Wildland Restoration Ecology 3 cr
- REM 456 Integrated Rangeland Management 3 cr
- REM 459 Rangeland Ecology 2 cr
- REM 460 Integrating GIS and Field Studies in Rangelands 2 cr
- SOIL 454 Pedology 3 cr

**One of the following (3 cr):**

- ENGL 313 Business Writing 3 cr
- ENGL 317 Technical Writing 3 cr

**One of the following (3 cr):**

- FISH 430 Riparian Ecology and Management 3 cr
- FOR 462 Watershed Science and Management 3 cr

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**Career Tracks with Advisor Input and Approval Approved Emphasis Areas (1215 cr):**

Students must also complete **1215** credits of advisor approved electives in **emphasis areas that contributing to a specific career track that may include:** Restoration Ecology, Field Botany, Spatial Ecology, Watershed Science, Wildland Fire Management, Invasive Plant Management, Wildlife Habitat Management, Tribal Land Management, Rangeland Economics, Natural Resource Communication, and Environmental Consulting.

RESTORATION ECOLOGY – Millions of acres of rangeland and forests have been disturbed by fire, invasive plants, and overgrazing. Academic advisors in rangeland conservation have developed a set of electives for students interested in a career in wildland restoration. Completing these career track electives will fulfill requirements for the Restoration Ecology Undergraduate Academic Certificate. Careful selection of courses can also highlight expertise in botany and plant materials to qualify for professions as a botanist.

WILDLIFE HABITAT - Many species of wildlife live on rangelands and the management of wildlife habitat is an important and sought after skill. With help from their Academic Advisor, rangeland students can complete a
career track that will show expertise in wildlife habitat management and fulfill the requirements for a Minor in Wildlife Resources.

LAND AND LIVESTOCK - This career track is for students interested in “hands-on” management of rangelands. Academic Advisors work with students to select courses that provide the knowledge and skills needed to manage rangelands with grazing and fire to enhance livestock production while sustaining communities of native plants and animals. Completion of these courses can also satisfy the requirements for a Minor in Animal Science or Soil Science.

WILDLAND FIRE - Wildfire is one of the major forces causing change on rangeland ecosystems. Completing a specific set of advisor approved electives, will enable students to show knowledge of land management related to wildland fire and fulfill the requirements for a Minor in Fire Ecology and Management.

INDIVIDUAL INTEREST – Students can work with their advisor to select specific courses to show expertise in a career track of specific interest that may include Watershed or Riparian Ecologist, Natural Resource GIS Specialist, Environmental Consultant, Tribal Land Manager, Resource Economist, or many other interests related to rangelands.

Courses to total 122 credits for this degree

9. Make the following curricular changes to the Fire Ecology, Management, and Technology Graduate Certificate:

   Note: A grade of ‘B’ or higher is required in all coursework for this academic certificate.

   Fire Core (8 cr):

   FOR 526     Fire Ecology     3 cr
   FOR 546     Science Synthesis and Communication 3 cr
   FOR 587     Wildland Fire Policy 2 cr

   Ecology and Management Course Group (2-3 cr):

   FOR 427     Prescribed Burning Lab 3 cr
   FOR 451     Fuels Inventory and Management 3 cr
   FOR 529     Forest Ecosystem Analysis 3 cr
   FOR 531     Invasion Biology 3 cr
   FOR 557     Advanced Fire Behavior 3 cr
   REM 429     Landscape Ecology 3 cr
   REM 440     Wildland Restoration Ecology 3 cr
   REM 459     Rangeland Ecology 2 cr
   REM 507     Landscape and Habitat Dynamics 3 cr

   Tools and Technology Course Group (2-4 cr):

   FOR 435     Remote Sensing of Fire 3 cr
               OR
   FOR 472/REM 472 Remote Sensing of the Environment 4 cr
   FOR 535     Remote Sensing of Fire 3 cr

   REM 407     GIS Application in Fire Ecology and Management 2 cr
               OR
   REM 510     GIS Application in Fire Ecology and Management 2 cr
Planning and Policy Course Group (3 cr):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>FOR 454</td>
<td>Air Quality, Pollution, and Smoke</td>
<td>3 cr</td>
</tr>
<tr>
<td>OR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOR 554</td>
<td>Air Quality, Pollution, and Smoke</td>
<td>3 cr</td>
</tr>
<tr>
<td>FOR 584</td>
<td>Natural Resource Policy Development</td>
<td>3 cr</td>
</tr>
<tr>
<td>NRS 573</td>
<td>Planning &amp; Decision Making for Watershed Management</td>
<td>3 cr</td>
</tr>
<tr>
<td>REM 456</td>
<td>Integrated Rangeland Management</td>
<td>3 cr</td>
</tr>
</tbody>
</table>

Electives to total 15 for the certificate

NATURAL RESOURCES

1. Change the following course:

   NR 321 Ecology *in the Wilderness* (3 cr)

   Fundamental principles of the science of ecology. Major topics covered by the course include the physical environment, how organisms interact with each other and their environment, evolutionary processes, population dynamics, communities, energy flow and ecosystems, human influences on ecosystems, and the integration and scaling of ecological processes through systems ecology. *This course is only offered in a wilderness setting and is complementary to the re-required co-requisite course, Field Ecology (NR 322).* Computer-based materials are used extensively for guided independent learning of ecology. Course information: EcologyOnline.net. Recommended Preparation: Introductory botany and zoology.

   **Prereq:** Biol 102 and 102L, Biol 114, Biol 115/115L, *Introductory biology* or permission
   **Coreq:** NR 322

NATURAL RESOURCES AND SOCIETY

1. Add the following courses:

   **NRS 411 Environmental Project Management and Decision Making (4 cr)**

   Integrated, interdisciplinary approaches to project and program management and decision making. Emphasis on environmental planning techniques, scenario development, analysis, and application of geospatial tools such as GIS and remote sensing. Direct experience and basic skills for project and program development and evaluation.

   **Prereq:** NRS 311

   **NRS 482 Outdoor Leadership Expedition (3 cr)**

   This expedition based course will explore the practice of leadership, using the wilderness experience as the classroom. Topics include trip planning, small group dynamics, decision-making, communication and expedition behavior. Examining leadership theory, modeling of leadership techniques, written assignments, and backcountry skill development are used to support learning.

   **NRS 566 Place-based Ecology II (4 cr)**

   Explore how plants and animals manage the unique survival challenges of winter. Delve into fundamentals of winter ecology including the changing snowpack, life under the ice, plants and animals in the winter environment and plant-animal interactions. The middle of the course addresses environmental change and interactions with winter ecology. At the end of the semester, the springtime environment will be used to study fundamental chemical and physical processes that drive the natural world emerging out of its apparent hibernation. Work outdoors to gain hands-on knowledge and practical experience. Field experiences will be fundamental in developing ecological understanding, with field trips to various locations to gain crucial insight into the natural world during the winter and spring seasons. Outdoor experience and learning will be complemented by lectures, group discussions, readings, and field experiments.
2. Add and cross-list the following courses:

**NRS 552 Current Literature in Environmental Remote Sensing (1 cr, max arr)**
See For 552.

**NRS 472 Remote Sensing of the Environment (4 cr)**
See For 472.

3. Change the following courses:

**NRS 125 Introduction to Conservation and Natural Resources (3 cr)**
Overview of conservation and natural resources from a political, economic, behavioral, and land use perspective: philosophical, theoretical, and historical foundations of conservation as linked to social trends. Foundations of natural resource management and agencies with responsibility for land management; philosophical, theoretical, and historical basis for protected areas; principles and frameworks for managing human use of and recreation on public lands.

**NRS 235 Society and Natural Resources (3 cr)**
Gen Ed: Social Science
Same as For 235. The social sciences applied to natural resources management; relationship between natural resources and human socioeconomic systems; analysis of resource issues. Introduction to the human dimensions of natural resources management. Includes individual values, attitudes and behaviors and societal norms and behaviors; methods of measurement, research and interpretation of human influence; institutions and processes for implementing policy and regulation and managing human difference; and understanding the nature of major natural resource issues.

**NRS 385 386 Conservation Management and Planning I Social-Ecological Systems (43 cr)**
Theory and practice of decision-making for conservation planning and management, including protected areas, working landscapes, conservation organizations and the challenges facing natural resource managers in the 21st Century. Field trips and a collaborative group community Service-Learning project are required. (Fall only) Social-ecological systems are comprised of interconnected social, economic, and environmental components. Explore social-ecological systems frameworks and fundamental principles of sustainability in social-ecological systems by examining theory and practice in case studies. Topics may include natural resource scarcity and human conflict, ecosystem service provision, management, and conservation, and land tenure, rights, and justice relating to human access to natural resources.

**NRS 475 Conservation Management and Planning II Conservation Planning and Management (4 cr)**
Gen Ed: Senior Experience
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. A required 2-day field trip, collaborative group projects and a Service-Learning project are required. (Spring only) Advanced theory, processes and techniques for the management and planning of conservation systems and working landscapes. In-depth focus on conservation planning approaches such as comprehensive, strategic, advocacy and communicative action
planning; critical examination of sprawl and the alternatives for managing land use and development on natural sites and larger landscapes at the urban-rural interface. Collaborative group exercises, a community Service-Learning Project and required field trips.

Prereq: NRS 385 and Junior or Senior standing; or Permission

NRS 486 Public Involvement in Natural Resource Management (3 cr)
Theoretical and applied concepts of public involvement in both public and private sectors of natural resource management; case studies and applied techniques or methods for public involvement; National Environmental Policy Act (NEPA) regulations and other public involvement policy or law, historical and legal mandates, government agency responsibilities, applied methods and techniques, case studies, and practical experience. Three lec and three hrs of lab a wk; field trip may be reqd. (Spring only)

NRS 560 Place-based Ecology I (3 cr)
Cover plant and animal community ecology from both a qualitative and quantitative perspective. Topics will include: community interaction of plants and animals; community dynamics, succession, and disturbance; basic data collection and statistical analysis of habitat association data; and the effect of abiotic factors on community structure. (Fall only)

NRS 563 Place Based Environmental Education (2 cr)
Educating students so that they have the skills and knowledge base in order to begin to understand the human and natural environment in which they live is a complicated endeavor. This course is designed to provide a foundation of educational pedagogy, a survey of place-based literature in areas critical to this educational endeavor, and opportunities for personal and professional application. (Fall only)

NRS 565 Science Communication and the Environment (3 cr)
Examines the flow of scientific information between experts and non-experts, with emphasis on educational settings. Project-based and includes practice in digital storytelling, documentary film, blogs, podcasts, public talks, and field experiences. McCall Field Campus. (Spring Only)

4. Drop the following course:

NRS 390 Environmental Decision Making (3 cr)
Integrated, interdisciplinary approaches to explaining and understanding the importance of major environmental protection laws, with special emphasis on the National Environmental Policy Act, the Endangered Species Act, and the Clean Water Act.