UNIVERSITY CURRICULUM COMMITTEE  
2014-15 Meeting #6, October 27, 2014

Present: Heather Chermak, Don Crowley, Janine Darragh, Dan Eveleth (Chair), Rodney Frey, Rachel Fujita, Pat Hart, Tim Johnson, Joe Law, Tim Prather, Jeanne Stevenson, Rick Stoddart, Todd Thorsteinson, Kerri Vierling.  
Absent: Pilar Alfaro, Isaiah Gyan, Sarah Vetsmany.  
Others Present: Dwaine Hubbard, Nancy Luebbert, Sonya Meyer, Jeff Seegmiller, Charles Tibbals, Bob Tripepi, one unidentified visitor.

Call to order: A quorum being present, the chair called the meeting to order at 3:32 p.m. in the SUB Cataldo room. The minutes of the October 20, 2014 meeting were approved.

Other Business:

Old Business:

New Business:

UCC-15-030 College of Agricultural and Life Sciences  
Agricultural Economics and Rural Sociology: It was motioned and seconded to approve the proposed change to Agricultural Economics and Rural Sociology. Hearing no questions the motion to approve the proposed change passed unanimously.

1. Change the following course:

   AgEc 201–203 Principles of Agricultural Economics (1 cr)  
   Review, discussion and application of basic economic, agribusiness, and natural resource principle as applied to the agricultural economics profession. The principles are reviewed in a game show format. Students will have an opportunity to attend the American Agricultural Economics Association annual meetings and test their knowledge of these principles with students from other universities. Recommended preparation: AgEc 301 and AgEc 302. (Spring only)  
   Prereq: AgEc 101 and AgEc 278; and Econ 272 or Econ 201 and Econ 202

Agricultural Education and 4-H Youth Development: It was motioned and seconded to approve the proposed change to Agricultural Economics and Rural Sociology. Hearing no questions the motion to approve the proposed change passed unanimously.

1. Transfer ownership of the following subject prefix and associated courses to the specified unit:

   Ag – Agricultural Science and Technology – Transfer to the general College of Agricultural and Life Sciences ownership

Animal and Veterinary Science: It was motioned and seconded to approve the proposed changes to Animal and Veterinary Science. Tibbals asked if the removal of the cooperative listing from AVS 218 was intentional. Committee member Prather indicated that if it was not noted on the form to keep it cooperative he assumes it should no longer be cooperative. Hearing no further questions the motion to approve the proposed changes passed unanimously.

1. Add the following courses:

   AVS 268 Companion Animal Diseases (2 cr)  
   Principles of disease resistance, transmission, and prevention; clinical signs, pathogenesis, and control of major diseases in companion animals. Recommended preparation: AVS 222 or equivalent.  
   Prereq: AVS 109

   AVS 318 Beef Calving Management (1 cr)  
   Increase student’s knowledge and experience of the biology, physiology and management of cows and calves before, during and after the birthing process.  
   Prereq: AVS 109 and AVS 209

2. Change the following courses and change the courses’ status from Dormant to Active:

   AVS 218 Artificial Insemination and Pregnancy Detection (2 cr)  
   Anatomy and physiology of pregnant and nonpregnant reproductive systems; artificial insemination; male reproduction; pregnancy detection in domestic livestock. Two 2-hr lec-labs a wk. Enrollment limited to 20 students. Preregistration required; consult dept administrator. Recommended Preparation: AVS 222. This is a cooperative course available to WSU degree-seeking students.
Prereq: AVS 109; and AVS 222 or AVS 452

AVS 274  Beef Feedlot Systems (2 cr)
Overview of feeding management, feed milling, and batching, animal health, and economics of the commercial cattle feeding business. One 1-day field trip.
Prereq: AVS 109
Coreq: AVS 209

AVS 476 Sheep Science (3 cr)
Application of principles of genetics, reproduction, nutrition, health, and marketing to the management of commercial and purebred sheep; new developments related to sheep industry; production, evaluation, and use of wool. Two lec and one 2-hr lab a week; one 1-day field trip or equiv time. Recommended Preparation: AVS 222 or equivalent. Cooperative: open to WSU degree-seeking students.
Prereq: AVS 109

3. Change the following courses:

AVS 475  Advanced Dairy Management (3 cr)
Prereq: AVS 305
Coreq: AVS 306 or AVS 411

Family and Consumer Sciences: It was motioned and seconded to approve the proposed changes to Family and Consumer Sciences. Committee member Johnson raised the general question of asking departments if they have the appropriate faculty resources to offer new courses. Johnson noted in past years this was a common question at UCC, but has not been lately. Johnson said that he is not singling out Family and Consumer Sciences (FCS), but felt that the question perhaps ought to be discussed by the committee. There was general agreement that the topic ought to be discussed further at a later time. Sonya Meyer said that in the case of the FCS courses the department does not have enough faculty to meet their needs, but in the case of these courses nearly all of them have been taught already so do not require an increase in teaching load. Meyer noted that FCS 401 is a new course that has not already been taught. Hearing no questions the motion to approve the proposed changes with a friendly amendment passed unanimously.

1. Drop the following courses:

FCS 170  Introductory Foods (3 cr)
Basic concepts and techniques of food preparation; applied sensory evaluation of food. (Fall only)
Prereq: Family and Consumer Sciences major or Permission
Recommended Equivalent Course: None

FCS 414  Idaho's Journey Toward Diversity and Human Rights (1 cr, max 3)
Off campus traveling workshop on Idaho's past and current challenges of diversity and human rights.
Prereq: Psyc 101, Soc 101, or PolS 101 or Permission
Recommended Equivalent Course: None

2. Add the following courses:

FCS 401  Professional Ethics and Practice in CFCS (1 cr)
Establishing a professional identity and transitioning to a career in human development and family services. Emphasis on professional presentation and ethical conduct. Explores ethical and philosophical issues; professional development and leadership; and career goals, opportunities, and challenges as they relate to human development and family sciences.
Prereq: Major in Child, Family, and Consumer Studies
Coreq: FCS 498
Recommended Short Course Title: Prof Ethics&Practice in CFCS

FCS 415  Computer-Aided Pattern Drafting (3 cr)
This course builds on existing patternmaking skills by applying methods and techniques for developing patterns using computer-aided pattern drafting software and includes grading, markers, and graded spec sheets.
Prereq: FCS 324
Recommended Short Course Title: Computer Pattern Drafting
FCS 476  Textile Structures (1-3 cr, max 3)
This studio course gives students the opportunity to experiment with fiber-based fabrications. These may include woven, knitted, felted, laced, and knotted fabrications dependent on current industry trends. May include embellishment and surface design depending on the fabrication and industry trends. Service learning completes the final project.
Prereq: FCS 123 or Permission

FCS 477  Surface Design (1-3 cr, max 3)
This studio course gives students the opportunity to experiment with the texture and appearance of textile fabrications. Techniques may include dyeing and resist methods, subtraction, and embellishment, among others depending on industry trends.
Prereq: FCS 123 or Permission

FCS 478  Experimental Construction (1-3 cr, max 3)
This studio course gives students the opportunity to experiment with transforming two-dimensional textiles into three-dimensional apparel products. Techniques may include tailoring, upcycling, use of non-traditional textiles, and use of fabrics students have produced in other courses, among others dependent on current industry trends.
Prereq: FCS 224 or Permission

FCS 493  Design and Development for a Client (3 cr)
Student teams develop a line of apparel for a client from concept to finished prototype; design, patternmaking, construction, tech pack building and presentation skills are all used throughout the course.
Prereq: FCS 323 and FCS 324

Recommended Short Course Title: Design & Develop for a Client

3. Change the following courses:

FCS 175–275  Introductory Foods Laboratory/Experimental Foods (1–2 cr)
Exploration of food preparation and application of underlying scientific principles through laboratory experiments. On-line modules focus on food safety, menu planning, food cost control, and cultural and religious influences on food choices. Hybrid course with one 3-hr lab and one web module a week. Laboratory experiences to accompany FCS 170. (Fall–Spring only)
Prereq: FCS 270 and a major in the Department of Family and Consumer Sciences; or Permission
Coreq: FCS 170

FCS 270  Intermediate Foods/Scientific Principles of Food Preparation (3 cr)
Exploration of the scientific principles and techniques of food preparation; applied sensory evaluation of food. Web assisted course focusing on food safety, menu planning, and cultural and religious influences on food choices, and role of food in promotion of a healthy lifestyle. Practice in communicating foods information through food demonstrations and news articles. Web-based modules, with one 2-hr face-to-face lab per week. (Spring–Fall only)
Prereq: Major in the Department of Family and Consumer Sciences or Permission
Coreq: FCS 170, and Family and Consumer Sciences major or Permission

Recommended Short Course Title: Scientific Princ of Food Prep

FCS 492  Nutrition Education in the Life Cycle (2–3 cr)
Principles and theories of learning, curriculum development, evaluation methods, and applied food and nutrition education throughout the life cycle. Practice in delivering nutrition education through food demonstrations. (Spring only)
Prereq: FCS 205 and FCS 275 and FCS 486

4. Change the curricular requirements of Child, Family, and Consumer Studies (B.S.F.C.S.):

This major has an interdisciplinary focus on the child, the family as an institution, and families as consumers. The minimum credits required for graduation are 128, including at least 36 credits at the 300-level or above. Required course work includes the university requirements (see regulation J-3) and one of the following options:

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

Comm 101  Fundamentals of Public Speaking (2 cr)
EDSP 300  Educating for Exceptionalities (2 cr)
FCS 105  Individual and Family Development (3 cr)
FCS 205  Concepts in Human Nutrition (3 cr)
FCS 234  Infancy and Early Childhood (3 cr)
FCS 235  Principles and Methods of Child Observation (3 cr)
FCS 240  Intimate Relationships (3 cr)
FCS 333  Developmental Curriculum for Young Children (3 cr)
FCS 334  Middle Childhood-Adolescence (3 cr)
FCS 340  Parent-Child Relationships in Family and Community (3
FCS 346  Personal and Family Finance and Management (4 cr)
FCS 436  Theories of Child and Family Development (3 cr)
FCS 440  Contemporary Family Relationships (3 cr)
FCS 445  Issues in Work and Family Life (3 cr)
FCS 497  Internship Preschool (9 cr)
H&S 288  First Aid: Emergency Response (2 cr)
Math 130 or higher; or Stat 251 or higher (3 cr)

Courses to total 128 credits for this degree

B. Family Life Option

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

FCS 105  Individual and Family Development (3 cr)
FCS 123  Textiles (3 cr)
FCS 205  Concepts in Human Nutrition (3 cr)
FCS 234  Infancy and Early Childhood (3 cr)
FCS 240  Intimate Relationships (3 cr)
FCS 329  History of Western Dress (3 cr)
FCS 334  Middle Childhood-Adolescence (3 cr)
FCS 340  Parent-Child Relationships in Family and Community (3 cr)
FCS 346  Personal and Family Finance and Management (4 cr)
FCS 401  Professional Ethics and Practice in CFCS (1 cr)
FCS 419  Dress and Culture (3 cr)
FCS 428  Housing America’s Families (3 cr)
FCS 434  Adulthood and Aging Within the Context of Family (3 cr)
FCS 440  Contemporary Family Relationships (3 cr)
FCS 445  Work and Family Issues (3 cr)
FCS 448  Consumer Economic Issues (3 cr)
FCS 498  Internship (3-5 cr)
Stat 251  Statistical Methods (3 cr)

One of the following (3 cr):
FCS 329  History of Western Dress (3 cr)
FCS 419  Dress and Culture (3 cr)
FCS 340  Parent-Child Relationships in Family & Community (3 cr)
FCS 440  Contemporary Family Relationships (3 cr)

Courses to total 128 credits for this degree

5. Change the curricular requirements of Clothing, Textiles and Design (B.S.F.C.S.):

This major considers clothing, textiles and design as basic human needs, consumer products, historical and cultural artifacts, and communication tools. Career emphasis areas include apparel product development, creative and technical design of apparel, retail buying and selling, and international marketing. Students who wish to graduate in Clothing, Textiles and Design (CTD) must earn a grade of "C" or higher in all required CTD coursework.

Students are required to complete an advisor-approved focus area of 18 credits. Students select their focus area at the end of their Sophomore year. Standard program focus areas are Design, Marketing/Merchandising, and Product Development. Students may choose a related focus area by submitting a proposal to ATD Faculty clearly showing the relationship between Apparel, Textiles and Design and their proposed area of focus relative to the industry, career goals, and emerging opportunities. Other focus areas may include Costume Design, Advertising, Business, or International Studies. Upon approval a double major or minor could also be used instead as long as the other content area is relative to Apparel, Textiles and Design.

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

Art 100  World Art and Culture (3 cr)
Bus 321  Marketing (3 cr)
Comm 101  Fundamentals of Public Speaking (2 cr)
FCS 105  Individual and Family Development (3 cr)
FCS 119  Introduction to Fashion and the Apparel Industry (3 cr)
FCS 123  Textiles (3 cr)
FCS 224  Apparel Construction and Assembly Processes (3 cr)
FCS 323  Apparel Product Development (3 cr)
FCS 324  Patternmaking (3 cr)
FCS 329  History of Western Dress (3 cr)
FCS 419  Dress and Culture (3 cr)
FCS 424  Apparel Product Line Development: Senior Capstone (3 cr)
FCS 448  Consumer Economic Issues (3 cr)
One of the following (3 cr):
Psyc 101 Intro to Psychology (3 cr)
Soc 101 Intro to Sociology (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)

Anthropology elective (3 cr)
Computer applications elective (2-3 cr)
Additional FCS credits outside of the CTD curriculum (6 cr)
An area of emphasis selected with the guidance of an advisor (18 cr)
Courses to total 128 credits for this degree

6. Change the curricular requirements of Food and Nutrition (B.S.F.C.S.):

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

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>Acct 201</td>
<td>Introduction to Financial Accounting (3 cr)</td>
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<tr>
<td>Biol 120</td>
<td>Human Anatomy (4 cr)</td>
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<tr>
<td>Biol 121</td>
<td>Human Physiology (4 cr)</td>
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<tr>
<td>Biol 300</td>
<td>Survey of Biochemistry (3 cr)</td>
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<tr>
<td>FCS 170</td>
<td>Introductory Foods (3 cr)</td>
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<tr>
<td>FCS 175</td>
<td>Introductory Foods Laboratory (1 cr)</td>
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<td>FCS 205</td>
<td>Concepts in Human Nutrition (3 cr)</td>
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<td>FCS 270</td>
<td>Scientific Principles of Food Preparation (3 cr) Intermediate Foods (3 cr)</td>
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<td>FCS 275FCS</td>
<td>Experimental Foods (2 cr) Professional Skills in Dietetics I 301 (4 cr)</td>
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<td>FCS 361</td>
<td>Advanced Nutrition (3 cr)</td>
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<td>FCS 362</td>
<td>Introduction to Clinical Dietetics (3 cr)</td>
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<td>FCS 363</td>
<td>Medical Nutrition Therapy (4 cr)</td>
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<td>FCS 364</td>
<td>Clinical Dietetics I (4 cr)</td>
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<td>FCS 365</td>
<td>Advanced Nutrition Lab (1 cr)</td>
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<td>FCS 384</td>
<td>Quantity Food Production and Equipment (3 cr)</td>
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<td>FCS 385</td>
<td>Intro Dietetics Supervised Practice I (2 cr)</td>
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<td>FCS 387</td>
<td>Food Systems Management (3 cr)</td>
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<td>FCS 388</td>
<td>Food Systems Management Lab (1 cr)</td>
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<td>FCS 411</td>
<td>Global Nutrition (3 cr)</td>
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<tr>
<td>FCS 463</td>
<td>Helping Skills in Dietetics (2 cr)</td>
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<tr>
<td>FCS 472</td>
<td>Clinical Dietetics II (8 cr)</td>
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<td>FCS 473</td>
<td>Community Nutrition (3 cr)</td>
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<td>FCS 486</td>
<td>Nutrition in the Life Cycle (3 cr)</td>
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<td>FCS 487</td>
<td>Community Nutrition Supervised Practice (4 cr)</td>
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<td>FCS 488</td>
<td>Management Supervised Practice (8 cr)</td>
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<td>FCS 491</td>
<td>Research Methods in Food Nutrition (3 cr)</td>
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<tr>
<td>FCS 492</td>
<td>Nutrition Education in the Life Cycle (3 cr)</td>
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<tr>
<td>Psyc 101</td>
<td>Introduction to Psychology (3 cr)</td>
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<tr>
<td>Soc 101</td>
<td>Introduction to Sociology (3 cr)</td>
</tr>
<tr>
<td>Stat 251</td>
<td>Statistical Methods (3 cr)</td>
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One of the following (4 cr):
Chem 101 Intro 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):
FCS 105 Individual and Family Development (3 cr)
Psyc 305 Developmental Psychology (3 cr)

One of the following (3-4 cr):
Math 143 Pre-calculus Algebra and Analytic Geometry (3 cr)
Math 170 Analytic Geometry and Calculus I (4 cr)

One of the following (4-5 cr):
Biol 250, Biol General Microbiology and Lab (5 cr)
Introductory Biology of Bacteria and Viruses and Lab (4 cr)
FCS 305 Nutrition Related to Fitness and Sport (2 cr)
FCS 435 Feeding Young Children in Group Settings (1 cr)
FCS 462 Eating Disorders (2 cr)
FCS 475 Food Preservation (1 cr)

Courses to total 132-128 credits for this degree

B. Nutrition Option
This option prepares students for careers with government agencies, commodity groups, health and fitness agencies and businesses, and some components of the food industry. In addition, the course work would provide excellent background for those wishing to pursue advanced degrees in medicine or nutrition.

Biol 120 Human Anatomy (4 cr)
Biol 121 Human Physiology (4 cr)
Biol 300 Survey of Biochemistry (3 cr)
FCS 170 Introductory Foods (3 cr)
FCS 205 Concepts in Human Nutrition (3 cr)
FCS 270 Scientific Principles of Food Preparation (3 cr)
FCS 275 Experimental Foods (3 cr)
FCS 305 Nutrition Related to Fitness and Sport (2 cr)
FCS 361 Advanced Nutrition (3 cr)
FCS 462 Eating Disorders (2 cr)
FCS 486 Nutrition in the Life Cycle (3 cr)
FCS 492 Nutrition Education in the Life Cycle (3 cr)
Stat 251 Statistical Methods (3 cr)
FCS electives (12 cr)

One of the following (3 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):
FCS 105 Individual and Family Development (3 cr)
Psyc 305 Developmental Psychology (3 cr)

One of the following (3-4 cr):
Math 143 Pre-calculus Algebra and Analytic Geometry (3 cr)
Math 170 Analytic Geometry and Calculus I (4 cr)

One of the following (4-5 cr):
Biol 250, Biol 255 General Microbiology and Lab (5 cr)
MMBB 154, Introductory Biology of Bacteria and Viruses and Lab (4 cr)

Courses to total 120 credits for this degree

Plant, Soil, and Entomological Sciences: It was motioned and seconded to approve the proposed changes to Plant, Soil, and Entomological Sciences. Hearing no questions the motion to approve the proposed changes passed unanimously.

1. Drop the following dormant course:

Soil 437 Soil Biology (3 cr)
Introduction to soil organisms including bacteria, fungi, and macroinvertebrates and the influence of their activities on soil processes. Two lec and one 3-hr lab a wk. Recommended Preparation: Soil 205 and Biol 250. (Alt/yr)

2. Change the following course:

PlSc 338 Weed Control (3-4 cr)
Nature and scope of weed problems, identification and biology of weeds, principles, theory, and practice of mechanical, chemical, and biological control of weeds; legal considerations; integration of methods into functional management systems. Two lec and one 2-3-hr lab a wk. Recommended Preparation: PlSc 102 or equivalent.

3. Change the curricular requirements of Sustainable Crop and Landscaping Systems (B.S.Ag.L.S.):
Required course work includes the university requirements (see regulation J-3) and:

**Agricultural and Life Science Core**
- AgEd 406 Exploring International Agriculture (3 cr)
- Soil 205, Soil 206 The Soil Ecosystem and Lab (4 cr)
- Stat 251 Statistical Methods (3 cr)

One of the following (2-3 cr):
- ASM 305 GPS and Precision Agriculture (3 cr)
- ASM 412 Agricultural Safety and Health (2 cr)
- PlSc 207 Introduction to Biotechnology (3 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):
- Comm 101 Fundamentals of Public Speaking (2 cr)
- Engl 207 Persuasive Writing (3 cr)
- Engl 313 Business Writing (3 cr)
- Engl 316 Environmental Writing (3 cr)
- Engl 317 Technical Writing (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)
- Math 170 Analytic Geometry and Calculus I (4 cr)

**Sustainable Crop and Landscape Systems Courses**
- Biol 115 Cells and the Evolution of Life (4 cr)
- Ent 322 General and Applied Entomology (4 cr)
- PlSc 302 The Science of Plants in Agriculture (3 cr)
- PlSc 400 (s) Seminar (1 cr)
- PlSc 415 Plant Pathology (3 cr)
- PlSc 438 Pesticides in the Environment (3 cr)

One of the following (3 cr):
- PlSc 415 Plant Pathology (3 cr)
- Soil 425 Microbial Ecology (3 cr)

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 (3 cr):
- Chem 275 Carbon Compounds (3 cr)
- Chem 277 Organic Chemistry I (3 cr)

One of the following (3-5 cr):
- Biol 250, Biol 255 General Microbiology and Lab (5 cr)
- Biol 300 Survey of Biochemistry (3 cr)
- Biol 380 Biochemistry I (4 cr)
- Chem 253, Chem 254 Quantitative Analysis and Lab (5 cr)
- MMBB 154, MMBB 155 Introductory Microbiology and Lab (4 cr)

**And one of the following emphases:**

**A. Insects and Society**
- Biol 116 Organisms and Environments (4 cr)
- Biol 312 Molecular and Cellular Biology (3 cr)
- Biol 313 Molecular and Cellular Laboratory (1 cr)
- Biol 314 Ecology and Population Biology (4 cr)
- Chem 112 Principles of Chemistry II (5 cr)
- Ent 440 Insect Identification (4 cr)
- Ent 441 Insect Ecology (3 cr)

One of the following (3-4 cr):
- Biol 310, Biol 315 Genetics and Lab (4 cr)
- Gene 314 General Genetics (3 cr)

Biotechnology Electives (3 cr)
Entomology Electives (5 cr)
Life Science Electives (6 cr)
Mathematics Electives (4 cr)
Physics Electives (4 cr)

Courses to total 128 credits for this degree

B. Soil and Land Use

Chem 112  Principles of Chemistry II (5 cr)
Geol 101, Geol 101L  Physical Geology and Lab or
Geol 111, Geol 111L  Physical Geology for Science Majors and Lab (4 cr)
Phys 111, Phys 111L  General Physics I and Lab (4 cr)
Phys 112, Phys 112L  General Physics II and Lab (4 cr)
Soil 415  Soil and Environmental Physics (3 cr)
Soil 422  Environmental Soil Chemistry (3 cr)
Soil 425 or MMBB 425  Microbial Ecology (3 cr)
Soil 446  Soil Fertility (3 cr)
Soil 454  Pedology (3 cr)
Soil 499  Directed Study (1 cr)

One of the following (3 cr):
CS 101  Introduction to Computer Science (3 cr)
CS 112  Introduction to Problem Solving and Programming (3 cr)

Courses to total 128 credits for this degree

C. Sustainable Cropping Systems

Gene 314  General Genetics (3 cr)
PlSc 338  Weed Control (3 cr)
PlSc 401  Plant Physiology (3 cr)
PlSc 407  Field Crop Production (3 cr)
PlSc 446  Plant Breeding (3 cr)
PlSc 480  Field Trip (1 cr)
Soil 446  Soil Fertility (3 cr)

One of the following (1 cr):
Chem 276  Carbon Compounds Lab (1 cr)
Chem 278  Organic Chemistry I: Lab (1 cr)

One of the following (3 cr):
PlSc 398  Internship (3 cr)
PlSc 499  Directed Study (3 cr)

Professional Support Electives (9 cr):
Accounting
Animal and Veterinary Sciences
Agricultural Economics
Biology
Business
Business Law
Chemistry
Computer Science
Economics
Entomology
Foreign Languages (max 4 credits)
Forest Resources
Landscape Architecture
Microbiology, Molecular Biology and Biochemistry
Physics
Plant Science
Rangeland Ecology and Management
Renewable Materials
Soils

Sustainable Cropping Systems Electives (17 cr):
PlSc 408  Cereal Science (3 cr)
PlSc 410  Invasive Plant Biology (3 cr)
PlSc 433  Plant Tissue Culture Techniques (3 cr)
PlSc 490  Potato Science (3 cr)
Stat 431  Statistical Analysis (3 cr)

Courses to total 128-120 credits for this degree
D. Environmental Horticulture

Gene 314 General Genetics (3 cr)
PlSc 201 Principles of Horticulture (3 cr)
PlSc 300 Plant Propagation (3 cr)
PlSc 338 Weed Control (3 cr)
PlSc 401 Plant Physiology (3 cr)
Soil 446 Soil Fertility (3 cr)

One of the following (1 cr):
Chem 276 Carbon Compounds Lab (1 cr)
Chem 278 Organic Chemistry I: Lab (1 cr)

One of the following (3 cr):
PlSc 398 Internship (3 cr)
PlSc 499 Directed Study (3 cr)

Professional Support Electives (9 cr):
Accounting
Animal and Veterinary Sciences
Agricultural Economics
Biology
Business
Business Law
Chemistry
Computer Science
Economics
Entomology
Foreign Languages (max 4 credits)
Forest Resources
Landscape Architecture
Microbiology, Molecular Biology and Biochemistry
Physics
Plant Science
Rangeland Ecology and Management
Renewable Materials
Soils

Environmental Horticulture Electives (15 cr):
PlSc 340 Nursery Management (3 cr)
PlSc 341 Nursery Management Laboratory (1 cr)
PlSc 433 Plant Tissue Culture Techniques (3 cr)
PlSc 451 Vegetable Crops (3 cr)
PlSc 464 Landscape Maintenance (3 cr)
PlSc 490 Potato Science (3 cr)

Courses to total 128-120 credits for this degree

E. Plant Biotechnology

Chem 112 Principles of Chemistry II (5 cr)
Chem 278 Organic Chemistry I: Lab (1 cr)
Gene 314 General Genetics (3 cr)
MMBB 486 Plant Biochemistry (3 cr)
MMBB 488 Genetic Engineering (3 cr)
PlSc 401 Plant Physiology (3 cr)
PlSc 433 Plant Tissue Culture Techniques (3 cr)
PlSc 440 Advanced Laboratory Techniques (4 cr)
PlSc 446 Plant Breeding (3 cr)

One of the following (3-4 cr):
Biol 300 Survey of Biochemistry (3 cr)
Biol 380 Biochemistry I (4 cr)

One of the following (3 cr):
PlSc 398 Internship (3 cr)
PlSc 402 Undergraduate Research in Plant Science (3 cr)
PlSc 499 Directed Study (3 cr)

Professional Support Electives (5 cr):
Accounting
Animal and Veterinary Sciences
Agricultural Economics
Biology
Business
Business Law
Chemistry
Computer Science
**Economics**
**Entomology**
**Foreign Languages (max 4 credits)**
**Forest Resources**
**Landscape Architecture**
**Microbiology, Molecular Biology and Biochemistry**
**Physics**
**Plant Science**
**Rangeland Ecology and Management**
**Renewable Materials**
**Soils**

Plant Biotechnology Electives (12 cr):
Biol 250  General Microbiology (3 cr)
Biol 255  General Microbiology Lab (2 cr)
Biol 312  Molecular and Cellular Biology (3 cr)
Biol 313  Molecular and Cellular Laboratory (1 cr)
Biol 382  Biochemistry I Laboratory (2 cr)
Biol 444  Genomics (3 cr)
**MMBB 409  Immunology (3 cr)**
MMBB 485  Prokaryotic Molecular Biology (3 cr)
MMBB 487  Eukaryotic Molecular Genetics (3 cr)
PlSc 338  Weed Control (3 cr)
PlSc 407  Field Crop Production (3 cr)
PlSc 451  Vegetable Crops (3 cr)
**PlSc 476  Cell Biology (3 cr)**
PlSc 490  Potato Science (3 cr)
Soil 446  Soil Fertility (3 cr)

Courses to total [128-120] credits for this degree

**UCC-15-029 WWAMI**

**WWAMI:** It was motioned and seconded to approve the proposed changes to WWAMI. Hearing no questions the motion to **approve** the proposed changes passed unanimously.

1. **Drop the following courses:**

   **MedS 511 Anatomy and Embryology 1 (5 cr)**
   Presents understanding of the formation and 3-dimensional relationships of the major structures in the human body. This is a laboratory course where the diversity variability and adaptability of the human phenotype will be examined in the dissection laboratory and in living anatomy. Focus is on trunk anatomy.

   Recommended Equivalent Course: None

   **MedS 512 Mechanisms in Cellular Physiology (3 cr)**
   Fundamental cell physiology mechanisms: ionic, electrical gradients, sensory receptors, autonomic nervous system, energy metabolism, epithelial transport; gastrointestinal motility and secretions. (Fall only)

   Recommended Equivalent Course: None

   **MedS 514 Biochemistry I (3 cr)**
   Focus on genome information, gene functions, genetic information stored, mobilized, and used, regulation, molecular medicine, genomic therapies. Presents metabolism, as integrated at the level of the intact mammalian organism for the purpose of generating energy from food and converting small molecules to essential building blocks of our cells. Fundamental principles of nutrition and chemotherapy of viral, bacterial and neoplastic diseases will also be discussed. (Fall only)

   Recommended Equivalent Course: None

   **MedS 516 Systems of Human Behavior I (3 cr)**
   Selected overview of contributions from behavioral sciences to clinical practice of primary care physicians. Sensitizes students to impact of such factors as emotional and physical development, cultural backgrounds, social roles, families, sexual identities, and belief systems upon their effectiveness as physicians. Encourages appreciation of the role of behavioral factors in major management problems faced in medical practice; covers physical and psychological development of the individual from the embryo through old age; teaches skills in analyzing behavior, defining behavior objectives, and designing precise treatment strategies to obtain these objectives. (Fall only)

   Recommended Equivalent Course: None
MedS 523  Introduction to Immunology (2 cr)
Provides a medically relevant foundation regarding the principles of the immune system and the vocabulary and language of immunology; a working knowledge of the immunological basis for defense against infection, immune-mediated pathology, immunodeficiency, and immunological barriers to transplantation; and familiarity with beneficial therapies to modulate the immune response. (Fall only)
Recommended Equivalent Course: None

MedS 524  Biochemistry II (2 cr)
Continuation of MedS 514. (Fall only)
Recommended Equivalent Course: None

MedS 531  Anatomy and Embryology 2 (4 cr)
Gross anatomy; focus on head and neck anatomy, including skull, pharynx, and larynx; audition and balance. Continuation of MedS 511. (Spring only)
Recommended Equivalent Course: None

MedS 532  Nervous System (5 cr)
Presents the structure and function of the nervous system, including the eye. Neuropathological examples are presented as well as clinical manifestations of neurological disease. (Spring only)
Recommended Equivalent Course: None

MedS 534  Microbiology and Infectious Diseases (6 cr)
Biology of microbial pathogens and the mechanisms of pathogenesis; clinical manifestations, epidemiology and general principles of diagnosis, therapy and prevention of infectious disease. (Spring only)
Recommended Equivalent Course: None

MedS 553  Anatomy & Embryology (Musculoskeletal) (3 cr)
Anatomy and clinical lectures, gross anatomy labs, living anatomy/clinical correlation, focus on musculoskeletal systems. (Spring only)
Recommended Equivalent Course: None

MedS 590  Medical Information for Decision Making (1 cr)
Examines medical literature for the purpose of primary research, diagnosis, and therapeutic and preventative intervention. (Spring only)
Recommended Equivalent Course: None

2. Add the following courses:

MedS 519  Invaders and Defenders (10 cr)
This course covers the immune system, microbial biology, infectious diseases, inflammation and repair, and skin and connective tissue. Topics discussed include the pathogenesis and immunity of infectious disease, immunodeficiencies, hypersensitivity, autoimmunity, the basis of immunologic diagnosis. Additionally, this course will include relevant fundamental scientific principles in anatomy, pathology, and pharmacology. Graded Pass/Fail. (Fall only)
Prereq: Admission to the University of Washington School of Medicine WWAMI program

MedS 529  Circulatory System (16 cr)
This course provides an interdisciplinary approach to cardiovascular, respiratory, and renal-urinary medicine, including anatomy, physiology, pathology, medicine and surgery. Topics include cardiac electrophysiology and cardiac muscle mechanics, myocardial infarction and cardiac repair, thoracic and pulmonary anatomy, ventilator mechanics, gas exchange, obstructive, restrictive, and pulmonary-vascular diseases, renal function, and common kidney diseases. Graded Pass/Fail. (Spring only)
Prereq: Admission to the University of Washington School of Medicine WWAMI program

MedS 540  Blood and Cancer (5 cr)
This course familiarizes students with the basic pathophysiologic mechanisms leading to disturbances of red cell, white cell, and platelet production, as well as abnormalities of hemostasis presenting clinical problems, with an emphasis on pathophysiology. Additionally, this course will include relevant fundamental scientific principles in anatomy, pathology and pharmacology. Graded Pass/Fail. (Spring only)
Prereq: Admission to the University of Washington School of Medicine WWAMI program

MedS 550  Energetics and Homeostasis (10 cr)
This course covers metabolism, nutrition, obesity, diabetes, gastrointestinal/liver physiology, and endocrinology. Topics include physiology and pathology of digestion and hepatic function, principles and practice of clinical nutrition, the endocrine integration of metabolism, and clinically important endocrine pathophysiology. Additionally, this course introduces anatomy, pathology, and pharmacology of the endocrine and GI Systems. Graded Pass/Fail. (Spring only)

Prereq: Admission to the University of Washington School of Medicine WWAMI program

MedS 560 Mind, Brain and Behavior (14 cr)
In this course, the foundational principles of the organization and function of the head, neck and central nervous system are explained with a focus on clinical application of this knowledge to actual management of major neurologic, psychiatric and behavioral disorders. Current therapeutic approaches to disease are explained including pharmacological, behavioral, surgical and other therapies. Graded Pass/Fail. (Fall only)

Prereq: Admission to the University of Washington School of Medicine WWAMI program

MedS 570 Lifecycle and Reproduction (8 cr)
This course will cover normal and abnormal human development, reproductive functions including formation and maturation of ova and sperm, menstruation, normal pregnancy, and labor and delivery. Provides information concerning infertility, family planning techniques, urinary disorders, reproductive aging and demography of human population. Additionally, this course includes fundamental scientific principles in pelvic anatomy, pathology, histology, imaging and pharmacology. Graded Pass/Fail. (Fall only)

Prereq: Admission to the University of Washington School of Medicine WWAMI program

3. Change the following courses:

MedS 510 Microscopic AnatomyMolecular and Cellular Basis of Disease (4-11 cr)
Introduces cell physiology and cell biology, function, genetics, and genetic diseases, genes. Topics include membrane physiology, sensory receptors; muscle energetics and contractility; autonomic nervous system; tissue response to disease; pharmacodynamics and pharmacokinetics; genetic disorders; pharmacogenetics. Incorporates relevant fundamental principles in anatomy, pathology and pharmacology. Graded Pass/Fail. Description and microscopic examination of cell types, tissues, and major organs of the human body. (Fall only)

Prereq: Admission to the University of Washington School of Medicine WWAMI program

Recommended Short Course Title: Molecular Cell

MedS 505 Preceptorship Introductory Primary and Community Care Clerkship (1-2 cr, max 26)
Introduces medical students to continuity of care by working with participating physicians. The course demonstrates how to work with an individual to help them achieve optimal health, and includes topics in primary and preventative care, geriatrics, rehabilitation, palliative care, behavioral health and pain management. Graded Pass/Fail. (Fall and Spring) First-year medical students gain experience and insight into medical practice situations; students are stationed in physician offices at WWAMI sites.

Prereq: Admission to the University of Washington School of Medicine WWAMI program

Recommended Short Course Title: Intro Prim Care

MedS 513 Introduction to Clinical Medicine I Clinical Skills (2 cr)
Instruction in communication skills, interviewing techniques, physical examinations, documentation and clinical reasoning. This course will include hospital-based patient encounters and developing comfort and introduction to the physician role. Graded Pass/Fail only. Instruction in communications skills and interview techniques to form the basis for the eventual doctor-patient relationship. (Fall and Spring only)

Prereq: Admission to the University of Washington School of Medicine WWAMI program

MedS 522 Introduction to Clinical Medicine II Clinical Skills (2 cr)
Instruction in communication skills, interviewing techniques, physical examinations, documentation and clinical reasoning. This course will include hospital-based patient encounters and developing comfort and introduction to the physician role. Graded Pass/Fail. (Fall and Spring) Communication skills as related to patients and dealing with patient history and professionalism.

Prereq: Admission to the University of Washington School of Medicine WWAMI program

MedS 535 Introduction to Clinical Medicine III Clinical Skills (2 cr)
Instruction in communication skills, interviewing techniques, physical examinations, documentation and clinical reasoning. This course will include hospital-based patient encounters and developing comfort and introduction to the physician role. Graded Pass/Fail (Fall and Spring) Pass/Fail only. Teaches the basic physical exam of the adult through use of lectures, audiovisual aids and small group tutorials where students in supervised settings learn and practice the physical exam. Students are introduced to principles of clinical reasoning and continue to explore professional issues. (Spring only)

Prereq: Admission to the University of Washington School of Medicine WWAMI program

UCC-15-031 College of Natural Resources
The committee reviewed the proposed bifurcation of the M.N.R. program into two options: Integrated Natural Resources and Fire Ecology and Management. An unidentified guest provided a brief introduction to the proposal.
Committee chair asked about projected enrollments in the options. Hearing no further questions the motion to approve the proposal **passed unanimously** and will be forwarded to Faculty Senate for review.

**UCC-15-033  College of Law**

**Law:** It was motioned and seconded to approve the proposed changes to Law. Per the request of the College of Law the committee will not review the proposed changes to the curricular requirements of the J.D. degree at this time and will only review the proposed course changes. The curricular requirements will return at a later time. Hearing no questions the motion to approve the proposed changes passed unanimously.

1. **Add the following courses:**

   **Law 653 Education Law (3 cr)**
   Issues pertaining to the history and structure of U.S. public education including religious and private school alternatives, school funding, curriculum and governance, student supervision, equal educational opportunity issues including race and disability, employment issues including collective bargaining, and students' and teachers' rights and responsibilities including free speech and due process.

   **Law 654 Corporate Taxation (2-3 cr)**
   Taxation of all aspects of a corporation's life-cycle, including formation, financing, capital structure, distributions, redemptions, reorganizations, and liquidation. The course covers both tax provisions applying to all corporations and those provisions applying specifically to the flow-through “S” corporation. Two-credit course covers fewer areas of study. Recommended Preparation: Law 919. 
   **Prereq:** Law 930

   **Law 655 Water Law Practicum (2-3 cr)**
   Skills course where students take part in various stages of a water law dispute including settlement negotiations, state supreme court briefing, and oral argument. In-depth treatment of cutting edge issues in water law, with an emphasis on the intricate interplay between law, history and science. Two-credit course covers fewer areas of study. 
   **Prereq:** Law 942  
   **Coreq:** Law 971

2. **Change the following course:**

   **Law 921 Accounting for Law Students/Lawyers (2 cr)**
   Examination of basic accounting principles designed as background for the tax and business law courses for those students without accounting and business experience and intended to make the lawyer conversant with accountants.  
   **Accelerated course.**

   **Law 927 Business Entities/Partnership and LLC Taxation (4-2-3 cr)**
   Examination of the income tax treatment of partners and partnerships, including Limited Liability Companies and their members, covering the entity’s life cycle through formation, operation, and liquidation. Topics include the income tax consequences of the sale of a partnership interest, as well as the death or retirement of a partner. Two-credit course covers fewer areas of study. Federal taxation of pass-through entities and corporations; topics include formation, operations, allocation, distributions, and liquidation; the opportunity to study the concepts of business enterprise taxation as an integrated unit. 
   **Prereq:** Law 930

   **Law 942 Water Law I (1-2 cr)**
   The basics of water allocation law with a focus on western water law. Study of the development of the common law of water allocation and of comprehensive statutory systems including the implementation of water law through administrative agencies and water rights adjudication. One-credit course covers fewer areas of study. This course will focus on Idaho specific law on prior appropriation, the permit system, adjudication, and conjunctive management.

   **Law 948 Introduction to Natural Resource Law and Policy (3 cr)**
   An introduction to natural resource law examining resource allocation and management systems, including ESA, FLPMA, NEPA, NFMA, Wilderness Act, WSRA, and other federal statutes applicable to the public lands.  
   **(Fall only)**

   **Recommended Short Course Title:** Intro to Natural Resource Law

   **Law 964 Children and the Law (2-3 cr)**
   Examines the legal status of children, including topics such as the parent-child relationship, guardianship, representation of children, neglect, and adoption. Two-credit course covers fewer areas of study.

   **Law 965 Elder Law (2-3 cr)**
   An overview of the legal regimes and practical issues that face lawyers representing older clients. Topics include Social Security, pensions, annuities, Medicare, Medicaid, health care decision-making, property management, special needs trusts, guardianships.
conservatorships, elder abuse, elder housing, end of life issues, and special ethical issues for attorneys representing elder persons. Two-credit course covers fewer areas of study. (Alt yrs).

**Law 969 Water Law II (2 cr)**

In-depth study of topics necessary for the modern practice of water law by approaching water law from the watershed perspective. This perspective also tends to reflect the perspective of water users and other interests who seek solutions to problems that take into account the interaction of the fragmented system of water regulation in the United States, including case studies on adjudication, ground water management and conjunctive management, as well as topics such as federal and Native American reserved water rights, transboundary water allocation, endangered aquatic species, and water quality. (Fall only)

**Prereq:** Permission of instructor Law 942

**Law 986 Judicial Clerkship Seminar (1-2 cr)**

Seminar focusing on advanced writing concepts within the judicial context, with instruction on common types of legal writing practiced by judicial clerks.

**Prereq:** Permission

- Discussion: Committee chair Eveleth reopened discussion on the question raised by Committee member Johnson earlier in the meeting regarding UCC and how much involvement the committee wants to have in evaluating/questioning faculty resources for new course offerings. After a discussion it was decided that the committee would update its forms to include more specific criteria the committee would like to have included in the rationale the departments provide. Charles Tibbals will update the forms and provide them to the committee for review.

The next UCC meeting will be November 3rd, 2014. This meeting was adjourned at 4:37pm.

Charles Tibbals, UCC Secretary