College of Agricultural and Life Sciences

Proposed Catalog Changes

Effective Term (unless otherwise noted) = Summer 2016

AGRICULTURAL AND EXTENSION EDUCATION

1. Change the following course

AgEd 562 Instructional Methods in Agricultural Education History and Philosophy of Agricultural and Extension Education (3 cr)
Short course: HISTORY & PHIL OF AG&EXT EDUC

Innovations and advanced principles in teaching methods and materials.
This course will review the development and growth of land-grant universities, agricultural experiment stations, the cooperative extension system, secondary and post-secondary agricultural programs, and the 4-H and FFA youth development organizations. Participants will conduct historical research and prepare a historical research manuscript for publication.

Available via distance: Yes
Geographical Area Availability: State-wide
Rationale: The Department of Agricultural and Extension Education is in the process of reviewing our graduate degree courses. We are planning on offering more courses online using Bb Learn and Adobe Connect technology for place-bound graduate students across Idaho who cannot travel to Moscow or Boise to complete graduate courses.

Undergraduate students in agricultural education get an introduction into the history and philosophy of agricultural and extension education in Ag Ed 180 and Ag Ed 351. However, they do not get a full understanding of the complete history, philosophy, and development of the comprehensive system of agricultural and extension education. This graduate level class will be required for all graduate students completing their Masters of Science degree in Agricultural Education. This course will provide them a solid philosophical foundation of how land-grant universities, extension education, agricultural research, vocational education/CTE, and secondary agricultural education was created and developed over the past 150 years.

In order to better sequence our graduate course offerings, we would like to use the Ag Ed 562 course number. This course would follow Ag Ed 560 that is currently being offered and the new Ag Ed 561 course. The content of the former Ag Ed 562 Instructional Methods in Agricultural Education will be incorporated into another new Ag Ed course—AGED 565.

Students will be assessed through periodic quizzes, tests and a final project for the course which will be a qualitative historical research paper.

BIOLOGICAL AND AGRICULTURAL ENGINEERING

1. Make the following changes to the Agricultural Systems Management Major (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 The Soil Ecosystem and Lab (4 cr)
Soil 206
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)
PISc 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)

Agricultural Systems Management Courses
Acct 201 Introduction to Financial Accounting (3 cr)
Acct 202 Introduction to Managerial Accounting (3 cr)
AgEc 278 Farm and Agribusiness Management (4 cr)
AgEc 289 Agricultural Markets and Prices (3 cr)
AgEc 356 Agricultural and Rural Policy (3 cr)
ASM 107 Beginning Welding (2 cr)
ASM 112 Introduction to Agricultural Systems Management (3 cr)
ASM 2001 Seminar (1 cr)
ASM 202 Agricultural Shop Practices (2 cr)
ASM 305 GPS and Precision Agriculture (3 cr)
ASM 315 Irrigation Systems and Water Management (3 cr)
ASM 331 Electric Power Systems for Agriculture (3 cr)
ASM 409 Agricultural Tractors, Power Units and Machinery Management (4 cr)
ASM 412 Agricultural Safety and Health (2 cr)
ASM 433 Agricultural Processing Systems (3 cr)
BAE 491 Senior Seminar (1 cr)
Biol 102 Biology and Society (3 cr)
Bus 190 Integrated Business and Value Creation (3 cr)
Blaw 265 Legal Environment of Business (3 cr)
Comm 101 Fundamentals of Public Speaking (2 cr)
Econ 202 Principles of Microeconomics (3 cr)
PISc 102 The Science of Plants in Agriculture (3 cr)

Agricultural and Technical Electives (13 cr)

Life Science Elective (3 cr)

One of the following (2-3 cr):
Engr 105 Engineering Graphics (2 cr)
CTE 267 Computer Aided Drafting/Design (3 cr)

One of the following (4 cr):
Phys 100, Fundamentals of Physics and Lab (4 cr)
Phys 100L

Phys 111, General Physics I and Lab (4 cr)
Phys 111L

Phys 211, Engineering Physics I and Lab (4 cr)
Phys 211L

Three credits from the following (3 cr):
AgEc 411 The World of International Agribusiness (1 cr)
AgEc 413 Management of Human Resources in Agribusiness Firms (1 cr)
AgEc 415 Entrepreneurial Skills in Agribusiness Management (1 cr)
AgEc 418 Developing Negotiation Skills in Agribusiness (1 cr)
AgEc 419 Development and Analysis of Enterprise Budgets (1 cr)

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

Courses to total 128 credits for this degree

Distance education: Less than 50% of the curricular requirements can be completed via distance
Geographical Area Availability: Moscow
Assessment: Improved writing skills in advanced ASM courses will be expected
Rationale: The ASM program requires both Comm 101 AND one class either Engl 313 or Engl 317 while the other programs in the AgLS degree only requires one class in Comm or one of the advanced English classes. This change was submitted in 2013 but somehow was not included in the catalog.

FAMILY AND CONSUMER SCIENCES

1. Add the following courses

FCS 425 Collections Management (1 cr)
Introduction to managing a historic collection of garments including accession and deaccession policies and procedures, conservation and storage practices, disaster management, and research for and mounting of exhibitions. Junior or Senior Standing.
Prereq: FCS Major, Junior or Senior Standing

Available via distance: No
Geographical Area Availability: Moscow
Rationale: The Leila Old Historic Costume Collection houses 10,000 objects related to dress and appearance. Students often express an interest in museum collections, but we haven't had a curator to supervise this learning. Now we do. In the course, Apparel, Textile, and Design majors apply knowledge gained from other ATD courses including textiles, apparel production, design, history of fashion, and dress and culture. Assessment of the course will include assignments and a student portfolio. Grading rubrics are based on standard museum collection practice.