College of Agricultural and Life Sciences

Proposed Catalog Changes

Effective Term (unless otherwise noted) = Summer 2016

Agricultural Economics and Rural Sociology

1. Change the curricular requirements of Agricultural Economics (B.S.Ag.Econ.)

   Required course work includes the university requirements (see regulation J-3) and:
   Acct 201 Introduction to Financial Accounting (3 cr)
   Acct 202 Introduction to Managerial Accounting (3 cr)
   AgEc 101 The Business of Agriculture (1 cr)
   AgEc 278 Farm and Agribusiness Management (4 cr)
   AgEc 289 Agricultural Markets and Prices (3 cr)
   AgEc 301 Managerial Economics: Production (3 cr)
   AgEc 302 Managerial Economics: Consumption & Markets (3 cr)
   AgEc 356 Agricultural and Rural Policy (3 cr)
   AgEc 478 Advanced Agribusiness Management (3 cr)
   AgEc 481 Agricultural Markets in a Global Economy (3 cr)
   Comm 101 Fundamentals of Public Speaking (2 cr)
   Econ 201 Principles of Macroeconomics (3 cr)
   Econ 202 Principles of Microeconomics (3 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)

   One of the following (4-5 cr):
   Biol 102, Biol 102L Biology and Society and Lab (4 cr)
   Biol 115 Cells and the Evolution of Life (4 cr)
   Biol 250, Biol 255 General Microbiology and Lab (5 cr)

   And one of the following emphases:

A. Applied Economics Emphasis
   AgEc 451 Applied Environmental and Natural Resource Economics
   Econ 351 Intermediate Macroeconomic Analysis (3 cr)
   Econ 352 Intermediate Microeconomic Analysis (3 cr)
   Econ 453 Econometrics (3 cr)
   Engl 317 Technical Writing (3 cr)
   Math 170 Analytic Geometry and Calculus I (4 cr)

   Economics/Math/Statistics Electives (select three courses from the following) (9 cr):
   Econ 343 Money and Banking (3 cr)
   Econ 407 Public Finance (3 cr)
   Econ 441 Labor Economics (3 cr)
   Econ 446 International Economics (3 cr)
   Econ 447 International Development Economics (3 cr)
   Math 330 Linear Algebra (3 cr)
   Stat 431 Statistical Analysis (3 cr)
   Other 300 or 400-level economics courses by permission
   Agricultural economics electives (3 cr)
Technical agriculture electives (12 cr)
Courses to total 120 credits for this degree

B. Agribusiness Emphasis
Acct 482 Enterprise Accounting (3 cr)

One of the following (3 cr):
AgEc 451 Applied Environmental and Natural Resource Economics (3 cr)
AgEc 477 Law, Ethics, and the Environment (3 cr)

Two of the following (6 cr):
AgEc 333 Introduction to Sales (3 cr)
BLaw 265 Legal Environment of Business (3 cr)
Bus 321 Marketing (3 cr)
Bus 413 Organizational Behavior (3 cr)

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

One of the following (3-4 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 economics, economics, accounting, or business electives (12 cr)
Technical agriculture electives (12 cr)
Courses to total 120 credits for this degree

Rationale: Currently, UI students are required to take 6 credits in natural or physical sciences as part of the core curriculum. Currently AERS requires that from the list of possible natural or physical sciences approved courses, Ag Econ students must take biology and chemistry. By removing this requirement and allowing students to choose courses from the full list, we are enabling our students to expand their knowledge base and choose classes that appeal to them while still meeting UI and departmental education requirements.

Food Science

1. Change the following course

FS 304 Cereal Chemistry and Processing Products (32 credits)

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. Technical principles related to production and commercial processing of legume and cereal foods. Field trip required. Cooperative: open to WSU degree-seeking students.

Prereq: Chem 275 and Chem 276

Course offered via distance: No

Geographic Area Availability: Moscow

Rationale: Agronomic principles; storage of grains; a term paper; and additional lecture time is being added to further strengthen the course and academic program. This will require the course to be changed from 2 to 3 credits to accurately represent the added load. A title change is needed to better represent the course content.