BS in Agriculture

Degree Program Description
The agriculture degree program is for students searching for a well-rounded education that builds on the diversity of the other degree programs in the College of Agriculture, Food and Natural Resources (CAFNR). The flexibility of the agriculture degree enables students to tailor a program to fit their individual interests and career goals.

Major Program Requirements
Students earning a Bachelor of Science in Agriculture are required to complete all University general education requirements (http://catalog.missouri.edu/academicdegreerequirements/generaleducationrequirements), University undergraduate requirements (http://catalog.missouri.edu/academicdegreerequirements/universityrequirements), degree, and major requirements, including selected foundational courses, which may fulfill some University general education requirements.

Foundational Courses
CHEM 1100 Atoms and Molecules with Lab 3
or CHEM 1320 College Chemistry I
BIO_SC 1010 General Principles and Concepts of Biology 5
& BIO_SC 1020 and General Biology Laboratory
or BIO_SC 1030 General Principles and Concepts of Biology with Laboratory
or BIO_SC 1200 General Botany with Laboratory
or BIO_SC 1500 Introduction to Biological Systems with Laboratory
ABM 1041 Applied Microeconomics 3
or ECONOM 1014 Principles of Microeconomics
ABM 1042 Applied Macroeconomics 3
or ECONOM 1015 Principles of Macroeconomics
AG_ED_LD 2220 Verbal Communication in Agriculture, Food and Natural Resources 3
or COMMUN 1200 Public Speaking

Degree and Major Courses
- Students in agriculture also must complete three areas of concentration from CAFNR programs that offer a major or a minor. The primary concentration area requires completion of 18 or more credits. Two additional concentration areas of at least 15 credits each are also required. (See below.)
- These courses shall not be used to fulfill the requirements of a minor.
- Within each concentration area, at least six credits must be at the 3000-level or above.
- Within each concentration area, at least 50 percent of the credits must be earned through MU courses.
- Credits used to meet the University general education requirements can be used to meet requirements in concentration areas.
- No more than six credits in the primary area and three credits in the secondary areas may consist of problems, readings, internships, travel courses and other non-structured courses.
- The capstone experience for agriculture majors can be a capstone course in a concentration area, an internship or capstone project. This capstone is in addition to credits in the concentration areas.

Areas of Concentration
Agribusiness Management
Agricultural Economics
Agricultural Education
Agricultural Leadership
Agricultural Systems Management
Animal Sciences
Biochemistry
Captive Wild Animal Management
Environmental Sciences
Environmental Studies
Food Science and Nutrition
Forestry
Hospitality Management
International Agriculture, Food & Natural Resources
Natural Resource Science and Management
Parks, Recreation and Sport
Plant Sciences
Precision Agriculture Technology
Rural Sociology
Science & Agricultural Communication
Sustainable Agriculture

Semester Plan
Below is a sample plan of study, semester by semester. A student's actual plan may vary based on course choices where options are available.

First Year
Fall CR Spring CR
ABM 1041 3 MATH 1100 3
ENGLISH 1000 3 ABM 1042 3
AFNR 2120 1 BIO_SC 1020 2
RU_SOC 1000 3 Humanities Elective 3
HIST 1100 3 BIO_SC 1010 3
AFNR 1120 2

Second Year
Fall CR Spring CR Summer CR
AG_ED_LD 2220 3 STAT 1200 3 Study Abroad Recommended 3
Chem 1100 3 Elective 3
Humanities Elective 3 Concentration Area(s) 9
Concentration Area(s) 6

Third Year
Fall CR Spring CR Summer CR
Electives 6 BIOC112 3 Internship Recommended 3
Concentration Area(s) 9 Concentration Area(s) 6
Writing Intensive Elective 3
Other Elective 3

15 15 15 3
### Fourth Year

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Total Credits: 120