

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 disciplines 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 (<https://catalog.missouri.edu/academicdegreerequirements/generaleducationrequirements/>), University graduation (<https://catalog.missouri.edu/academicdegreerequirements/universityrequirements/>), and degree requirements, including selected foundational courses, which may fulfill some University general education requirements.

If you are planning to transfer courses (including AP credit) and would like information on how they apply to a degree program(s), you can email CAFNRadvising@missouri.edu for general recommendations.

Foundational Courses

MATH 1100 or MATH 1050	College Algebra Quantitative Reasoning	3
BIOCHM 2112 or BIOCHM 2110 or CHEM 1100 or CHEM 1400 & CHEM 1401	Biotechnology in Society (or physical science elective) The Living World: Molecular Scale Atoms and Molecules with Lab College Chemistry I and College Chemistry I Laboratory	3-4
BIO_SC 1010 & BIO_SC 1020 or BIO_SC 1030 or BIO_SC 1200 or BIO_SC 1500	General Principles and Concepts of Biology and General Biology Laboratory General Principles and Concepts of Biology with Laboratory General Botany with Laboratory Introduction to Biological Systems with Laboratory	5
ABM 1041 or ABM 1042 or ECONOM 1014 or ECONOM 1015	Applied Microeconomics Applied Macroeconomics Principles of Microeconomics Principles of Macroeconomics	3
AGSC_COM 2220 or COMMUN 1200	Verbal Communication in Agriculture, Food and Natural Resources [^] Public Speaking	3

* Will accept any physical science course from the General Education course list (<https://generaleducation.missouri.edu/courses/?category=phsc&prop=all&level=all>).

^ Will accept any AGSC_COM course for requirement.

Degree and Major Courses

- Students in agriculture must complete three areas of concentration from CAFNR programs that offer a major, minor or certificate. (see below)
 - The primary concentration area requires completion of 18 or more credits.

- Two additional concentration areas of at least 15 credits each are also required.
- One area can be a thematic concentration areas.
- 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 concentration area requirements.
- No more than six credits in the primary area and three credits in the secondary areas may consist of problems, internships, and study abroad courses.
- The capstone experience can be a capstone course in a concentration area or an industry or research internship. The capstone is in addition to credits in the concentration areas.

Areas of Concentration

- Agribusiness Management
- Agricultural Education
- Agricultural Leadership
- Agricultural Systems Technology
- Animal Sciences
- Biochemistry
- Captive Wild Animal Management
- Coaching Sports
- Environmental Sciences
- Equine Science and Management
- Food Science and Nutrition
- Hospitality Management
- International Agriculture
- Landscape Design
- Natural Resource Science and Management
- Nutrition and Exercise Physiology
- Parks, Recreation, Sport and Tourism
- Personal Branding
- Personal Financial Planning
- Plant Sciences
- Science and Agricultural Communications

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
ENGLSH 1000	3	ABM 1042	3
HIST 1100	3	BIO_SC 1020	2
Electives	3	Humanities Elective	3
Concentration Area(s)	3	BIO_SC 1010	3
15		14	

Second Year					
Fall	CR	Spring	CR	Summer	CR
AGSC_COM 2220	3	Elective		6 Study Abroad recommended	3
BIOCHM 2112	3	Concentration Area(s)		9	
Humanities Elective	3				
Concentration Area(s)	6				
		15			3
			15		

Third Year					
Fall	CR	Spring	CR	Summer	CR
Electives	6	Concentration Area(s)		6 Internship Recommended	3
Concentration Area(s)	9	Writing Intensive Elective		3	
		Electives		6	
		15			3
			15		

Fourth Year					
Fall	CR	Spring	CR		
Concentration Area(s)	9	Concentration Area(s)		9	
Electives	3	Senior Capstone		3	
		Elective		1	
		12			13
			13		

Total Credits: 120