BS in Plant Sciences

Major Program Requirements

Students earning a Bachelor of Science in Plant Sciences are required to complete all University general education (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. Students earning a degree in Plant Sciences must also select one emphasis area.

Foundational Courses
COMMUN 1200  Public Speaking  3
or AG_ED_LD 2220  Verbal Communication in Agriculture, Food and Natural Resources
BIO_SC 1200  General Botany with Laboratory  5
AG_EC 1041  Applied Microeconomics  3
or AG_EC 1042  Applied Macroeconomics

Degree Core Courses
PLNT_S 1002  Topics In Plant Science - Biological/Physical/Mathematics (Career Development)  1
PLNT_S 2100  Introduction to Soils  3
PLNT_S 2125  Plant Structure and Function  3
PLNT_S 3130  Undergraduate Seminar in Plant Science  1
PLNT_S 3230  Plant Propagation  3
SOIL 2106  Soil Science Laboratory  2

Pest Sequence
PLNT_S 4500  Biology and Pathogenesis of Plant-Associated Microbes  4
Select one: (see emphasis area for specific requirements)  4-5
PLNT_S 3210  Principles of Weed Science  4
or PLNT_S 3710  Introductory Entomology & PLNT_S 3715  and Insect Diversity

Professional Development (Select One)
AG_ED_LD 2250  Introduction to Leadership  3
or AG_ED_LD 2260  Team and Organizational Leadership
or ENGLISH 2030  Professional Writing
or SCI_AG_J 3210  Fundamentals of Communications
or SCI_AG_J 3240  Communicating on the Web

Select two courses from ACCTCY, AG_EC, ECONOM, FINANC, MANGMT, MRKTNG, or FINPLN

Capstone Experience
PLNT_S 4940  Internship in Plant Science  3
or PLNT_S 4950  Undergraduate Research in Plant Science
or PLNT_S 4975  Advanced Landscape Design

Total Credit Hours Required: 120

For additional course options see General Education List at http://generaleducation.missouri.edu/Courses eligible must include an “HFA” in appropriate column.

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.