

Entomology

Departmental Requirements

Courses marked with an asterisk (*) are required to fulfill general education requirements.

A ST311G, Statistical Applications.....	3
ANSC/BIOL 305 Genetics	3
BIOL 111G, Natural History of Life, and BIOL 211G, Cellular and Organismal Biology.....	6
BIOL 311, General Microbiology.....	3
BIOL 313, Structure and Function of Plants, or BIOL 322, Zoology	3
CHEM 111, 112, General Chemistry, I, II*	8
COMM 265G, Principles of Human Communication, or COMM 253G, Public Speaking, or AXED 201G, Effective Leadership and Communication in Agricultural Organizations*.....	3
ENGL 111G, Freshman Composition*.....	4
ENGL 311G, Advanced Composition, or ENGL 218G, Technical and Professional Communication*	3
EPWS 100, Introduction to Pest Management	3
EPWS 100L, Pest Management Laboratory	1
EPWS 301, Agricultural Biotechnology.....	3
EPWS 302, General Entomology	4
EPWS 310, Plant Pathology	4
EPWS 311, Weed Science	4
EPWS 447, Seminar.....	1
MATH 121, College Algebra	3

General education electives from the following categories:

Humanities and fine arts	6-9
Social and behavioral sciences.....	6-9
Total	15

OPTION: Entomology

The Entomology option prepares you a career in entomology and related disciplines. Emphasis is placed on a broad background in field and laboratory aspects of insect biology and management.

BIOL 465, Invertebrate Zoology	4
CHEM 211, Organic Chemistry	3
EPWS 303, Economic Entomology.....	4
EPWS 325, Insects, Humans, and the Environment*.....	3
EPWS 455, Advanced Integrated Pest Management, or EPWS 456, Biological Control	3
EPWS 462, Parasitology.....	3
EPWS 475, Urban Entomology	3
EPWS 481, Plant Nematology.....	3

EPWS 491, Insect Physiology	3
EPWS 492, Diagnosing Plant Disorders.....	3
MATH 142G, Calculus for Biological and Management Sciences I.....	3
Select at least three of the following:	
EPWS 314, Plant Physiology.....	3
EPWS 451, Tropical Insect Ecology	3
EPWS 486, Plant Virology	3
AGRO 471, Plant Mineral Nutrition.....	3
AGRO 365, Principles of Crop Production	3
ANSC 370, Anatomy and Physiology of Farm Animals.....	4
BIOL 436, Disease Vector Biology	3
BIOL 462, Conservation Biology	3
BIOL 469, Biology of Emerging Infectious Diseases	3
BIOL 480, Animal Behavior.....	3
GENE 452, Applied Bioinformatics.....	3
ES 301 (BIOL 301 or FWCE 301), Principles of Ecology.....	3
SOIL 252, Soils.....	3

| *Cannot be counted as a Viewing a Wider World course for Ag Biology Majors