

Agricultural Biology Concentrations/Options

Concentrations: Applied Biology

The Applied Biology option prepares you for professional advancement including admittance to medical, dental, veterinary and graduate schools. Students interested in the health professions must register with the Health Professional Advisory Committee no later than the sophomore year. Students should check the specific entrance requirements for the professional or graduate school of their choice prior to selecting electives within this option.

Required Courses

BCHE 341	Survey of Biochemistry	4
CHEM 313	Organic Chemistry I	3
CHEM 314	Organic Chemistry II	3
CHEM 315	Organic Chemistry Laboratory	2
MATH 190G	Trigonometry and Precalculus	4
MATH 191G	Calculus and Analytic Geometry I	4
PHYS 211G	General Physics I	3
or PHYS 221G	General Physics for Life Sciences I	
PHYS 211GL	General Physics I Laboratory	1
or PHYS 221GL	Laboratory to General Physics for Life Science I	

Select 6-8 credits from the following: 6-8

ANSC 370	Anatomy and Physiology of Farm Animals	4
BIOL 312	Plant Taxonomy	3
BIOL 354	Physiology of Humans	3
BIOL 377	Cell Biology	3
EPWS 314	Plant Physiology	3
EPWS 373	Fungal Biology	3
EPWS 481	Plant Nematology	3

Suggested Electives

MATH 192G	Calculus and Analytic Geometry II	4
PHYS 212G	General Physics II	3
or PHYS 222G	General Physics for Life Sciences II	

Total Credits 37-39