

All students must complete two Global Issues courses in the GE (▲). All students must complete a Social Diversity requirement in the GE, which can be done by completing Rural Sociology 1500 or Sociology 1101.

FAES 1100 and ENTMLGY 1100	.5, .5	Social Science 1 (RURLSOC 1500 or SOCIOL 1101)	3
Writing Level 1 (English 1110)	3	Social Science 2 (AEDECON 2001 or ECON 2001)	3
Writing Level 2 (2367) or see approved CFAES GE List	3	Historical Study (See Approved CFAES GE List)	3
Agr Comm 3130 or Comm 2110	3	Culture & Ideas or Historical Study (See Approved CFAES GE List)	3
MATH 1150	4	Literature (See Approved CFAES GE List)	3
Data Analysis (Comldr 3537, AEDE 2005, AnSci 2260, HCS 2260, ENR 2000, Stat 1450)	3	Art (See Approved CFAES GE List)	3
Biology 1113 and 1114	8	Contemporary Issues (See Approved CFAES GE List)	3
Chem 1210 and 1220	10	Major	36
		Minor equivalent	12
		Internship	1-2
		Free electives	15-16
		TOTAL CREDIT HOURS:	121

Major Requirements

<u>Entomology core required courses:</u>	5
ENTMLGY 4000 General Entomology	3
ENTMLGY 5604 Capstone Course: Problem-Based Studies in Plant Health	2

<u>Required course in applied entomology, select one course from the following:</u>	2-3
ENTMLGY 4601 General Insect Pest Management	2
ENTMLGY 4607 Veterinary Entomology	2
ENTMLGY 5110* Ecology and Management of Pathogens and Insects Affecting Trees in Forest and Urban Environments	3
ENTMLGY 5608 Turfgrass Insect and Mite Pests – Identification, Biology, and Management	2

<u>Entomology electives, select a minimum of 12 credit hours of which at least 9 credits are at the 3000 level or higher, from the list below, or additional options from the list of applied entomology courses above:</u>	12
ENTMLGY 2101 Insects and Human Affairs: Pests, Plagues, Poisons, and Politics	3
ENTMLGY 2200 Beekeeping	3
ENTMLGY 3330 or 4440H Social Insects / Honors Social Insects	3
ENTMLGY 4999 or 4999H Research with Distinction / Honors Research with Distinction [limit 3 credit towards the major]	1-6
ENTMLGY 5001† Entomological and Environmental Approaches to Fly Fishing	3
ENTMLGY 5350.01 Taxonomy and Behavior of Aquatic Invertebrates	3
ENTMLGY 5420* Insect Behavior: Mechanisms and Function	3
ENTMLGY 5500 Biological Control of Arthropod Pests	3
ENTMLGY 5600 Principles and Applications of Integrated Pest Management	3
ENTMLGY 5800 Pesticide Science	3

* offered once every 2 years

† only offered at the Wooster location

<u>Electives related to the major, select a minimum of 16 credit hours, as chosen in consultation with the advisor, such as:</u>	16-17
<u>For students in the Insect Science track (pre-graduate school or pre-medical school or pre-veterinary school):</u>	

CHEM 2510 Organic Chemistry I, 4 credits
CHEM 2520 Organic Chemistry II, 4 credits
CHEM 2540 Organic Chemistry Lab I, 2 credits
CHEM 2550 Organic Chemistry Lab II, 2 credits
BIOCHEM 4511 Introduction to Biological Chemistry, 4 credits
MOLGEN 3436 Introductory Plant Physiology, 3 credits
MOLGEN 4700 Molecular Cell and Developmental Biology, 3 credits

For students in the Applied Pest Management track:

CHEM 2310 Introductory Organic Chemistry, 4 credits
HCS 5422 Biology and Management of Weeds and Invasive Plants, 3 credits
PLNTPATH 3001 General Plant Pathology Lecture, 3 credits
PLNTPATH 3002 General Plant Pathology Lab, 2 credits
ENR 3000 Soil Science, 3 credits
ENR 5279 Soil Fertility, 3 credits

<u>Required supplemental courses (Minor Equivalent)</u>	12
MATH 1151 Calculus I	5
EEOB 3410 Ecology	4
MOLGEN 4500 General Genetics	3