



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
		Electives	15-16
		TOTAL CREDIT HOURS:	121

Major Requirements

Entomology core required courses:			6
ENTMLGY 4000	General Entomology		3
ENTMLGY 4001	General Entomology Laboratory		1
ENTMLGY 5604	Capstone Problem-Based Studies in Plant Health		2

Required courses in applied entomology, select one course from the following			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 5605	Vector Biology and Vector-Borne Diseases		3
ENTMLGY 5608	Turfgrass Insect and Mite Pests – Identification, Biology, and Management		2
ENTMLGY 5609	Landscape Ornamental Plant Insect and Mite Pests – Identification, Biology, and Management		2

Entomology electives, select a minimum of 11 credit hours, of which at least 9 credits are at the 3000 level or higher, from the list below or additional options from list of applied entomology courses above:			11
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 credits 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

Electives related to the major, select a minimum of 16 credit hours, as chosen in consultation with the advisor, such as: **16-17**

For students in the Insect Science track (pre-graduate school or pre-medical school or pre-veterinary school):

- 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

For all students: Entomology courses at the 6000-level are allowed but instructor permission is required for undergraduates to enroll.

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