

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	Minor (cannot select a minor in Entomology)	12-15
		Major	36
		Internship	1-2
		Electives	12-16
		TOTAL CREDIT HOURS:	121

Minor: Students in the Applied Pest Management track can minor in any subject, **except** Entomology. Options range from Crop Science to Public Health to Business Management. Students in a pre-graduate school or pre-medical school or pre-veterinary school track are encouraged to use the Alternative Minor, which will include organic chemistry, calculus 2, and an option for physics.

Major Requirements

Entomology core required courses: **5-6**

ENTMLGY 4000 (3000)	General Entomology	3
ENTMLGY 5601 or	Current Topics in Entomology, Science & Society	3
ENTMLGY 5604	Capstone Problem-Based Studies in Plant Health	2-3

Required courses from Other Departments **12**

EEOB 3410	Ecology	4
MATH 1151	Calculus 1	5
MOLGEN 4500	General Genetics	3

Required electives, select one applied course from the following **2-3**

ENTMLGY 4601	General Insect Pest Management	2
ENTMLGY 4602	Urban Landscape and Greenhouse Entomology	2
ENTMLGY 4603	Agricultural Entomology	2
ENTMLGY 4606	Introduction to Forensic Entomology	2
ENTMLGY 4607	Veterinary Entomology	2
ENTMLGY 5110	Ecology and Management of Pathogens and Insects Affecting Trees in Forest and Urban Environments	3

Required electives, select a minimum of 9 credit hours from the list below or additional options from the list above **9**

ENTMLGY 3330 or 4440H	Social Insects / Honors Social Insects	3
ENTMLGY 4999 or 4999H	Research with Distinction / Honors Research with Distinction	1-6
ENTMLGY 5120	Aquatic Insect Biology and Ecology (<i>Stone Lab</i>)	3-4
ENTMLGY 5130	Field Insect Taxonomy	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 5623	Insect Morphology	2
ENTMLGY 5797	Emerging Arthropods, Pathogens, and Challenges in Vector Biology	3
ENTMLGY 5800	Pesticide Science	3
ENTMLGY 6310	Insect Physiology and Molecular Biology	3
ENTMLGY 6410	Insect Ecology and Evolutionary Processes	3
ENTMLGY 6701	Biodiversity Analysis for Ecosystems Sustainability and Resilience	3

Electives related to the major **6-8**

Additional Entomology courses at the 6000 level or above *OR* upper level courses in Evolution, Ecology, and Organismal Biology; Organic Chemistry; Molecular Genetics; Plant Cellular and Molecular Biology; Plant Pathology; Microbiology; Horticulture and Crop Science; Environmental and Natural Resources; and similar fields as chosen in consultation with the adviser.