

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 PLNTPTH 1100/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 (See Approved CFAES GE List)	3	Historical Study (See Approved CFAES GE List)	3
AGRCOMM 3130 or COMM 2110	3	Culture & Ideas or Historical Study (See Approved CFAES GE List)	3
MATH 1148 or 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 1101, 1113, ENTMLGY 1101, HCS 2201, or MOLGEN 1101	5	Contemporary Issues (See Approved CFAES GE List)	3
CHEM 1210 or 1910H	5		
CHEM 1220 or 1920H	4		
BIOLOGY 1114, ENTMLGY 2101, HCS 2202, or MOLGEN 3300	3-5		
		Major	36
		Minor (cannot select a minor in Entomology or Plant Pathology)	12-15
		Internship/Experiential Learning: PLNTPTH 4191 OR ENTMLGY 4191	2
		Electives	10-17
		TOTAL CREDIT HOURS	121

Major Requirements (25-29 credit hours) (24-26 credit hours if student has taken ENTMLGY 1101):

ENR	3000 & 3001	Soil Science Lecture & Laboratory	4
*HCS 2201; Ecology of Managed Plant Systems OR HCS 2202: Form and Functions of Cultivated Plants			
HCS	5422	Principles of Weed Ecology and Management	3
MOLGEN	3436	Introductory Plant Physiology	3
PLNTPTH	5603	Plant Disease Management	3
PLNTPTH/ENTMLGY	5604	Capstone Course: Problem-Based Studies in Plant Health	2

Select one of the following core plant pathology courses (required):

PLNTPTH	3001 & 3002	General Plant Pathology Lecture & Laboratory	5
PLNTPTH	6001	Advanced Plant Pathology	3

Select one of the following core entomology course:

(Required only if student did not take ENTMLGY 1101 as BIO SCI requirement)

ENTMLGY	3000	General Entomology	3
ENTMLGY	4600	Introduction to Insect Science	1

Select one of the following entomology support courses (required):

ENTMLGY	4601	General Insect Pest Management	2
ENTMLGY	4602	Urban Landscape and Greenhouse Entomology	2
ENTMLGY	4603	Agricultural Entomology	2

*If student took one of these classes as a GE course, these 3 credit hours must be made up in the major electives.

Electives (enough to bring total in major to 36 hours realizing if student took HCS 2201 or ENTMLGY 1101 as GE, these hours will not count in the major)

BIOCHEM 2210	Elements of Biochemistry	4	HCS 4411	Grain, Oilseed, and Fiber Crops	3
BIOCHEM 4511	Introduction to Biological Chemistry	4	HCS 5412	Forages, Grasslands, and Prairies	3
CHEM 2310	Introductory Organic Chemistry	4	HCS 5450	Vegetable Crop Production and Physiology	3
CHEM 2510	Organic Chemistry I	4	HCS 5460	Fruit Crop Physiology and Production	3
CHEM 2520	Organic Chemistry II	4	MICROBIO 4000	Basic and Practical Microbiology	4
EEOB 3310	Evolution	4	MICROBIO 4100	General Microbiology	5
EEOB 3410	Ecology	4	MICROBIO 4130	Microbial Genetics	3
ENR 5270	Soil Fertility	3	MOLGEN 4500	General Genetics	3
ENR 5272	Turfgrass Soils	2	PLNTPTH 5010	Phytobacteriology	2
ENTMLGY 3330/4440H	Social Insects	3	PLNTPTH 5020	Introductory Plant Virology	2
ENTMLGY 4604	Urban Entomology	2	PLNTPTH 5030	Nematology	2
ENTMLGY 4606	Introduction to Forensic Entomology	2	PLNTPTH 5040/5041	Science of Fungi: Mycology Lecture and Lab	4
ENTMLGY 4607	Veterinary Entomology	2	PLNTPTH 5110/ENTMLGY 5110	Ecology and Mgmt of Pathogens and	
ENTMLGY 5130	Field Insect Taxonomy	3		Insects Affecting Trees in Forest and Urban Envs.	3
ENTMLGY 5420	Insect Behavior Mechanisms and Function	3	PLNTPTH 5120	Diseases of Ornamentals	2
ENTMLGY 5500	Biological Control of Arthropod Pests	3	PLNTPTH 5130	Turf Diseases & Integrated Turf Health Management	4
ENTMLGY 5600	Principles and Applications of IPM	3	PLNTPTH 5140	Diseases of Field Crops	2
ENTMLGY 5800	Pesticide Science	3	PLNTPTH 5150	Fruit and Vegetable Diseases	2
ENTMLGY 6310	Insect Physiology and Molecular Biology	3	PLNTPTH 5685	Plant Disease Diagnosis	2
ENTMLGY 6410	Insect Ecology and Evolutionary Processes	3			
HCS 4325	Plant Genetics	3			
Total					36