

<b>Fiscal Unit/Academic Org</b>	Entomology - D1130
<b>Administering College/Academic Group</b>	Food, Agric & Environ Science
<b>Co-administering College/Academic Group</b>	
<b>Semester Conversion Designation</b>	Converted with minimal changes to program goals and/or curricular requirements (e.g., sub-plan/specialization name changes, changes in electives and/or prerequisites, minimal changes in overall structure of program, minimal or no changes in program goals or content)
<b>Current Program/Plan Name</b>	Entomology Minor
<b>Proposed Program/Plan Name</b>	Entomology Undergraduate Minor
<b>Program/Plan Code Abbreviation</b>	ENTOMOL-MN
<b>Current Degree Title</b>	

## Credit Hour Explanation

Program credit hour requirements		A) Number of credit hours in current program (Quarter credit hours)	B) Calculated result for 2/3rds of current (Semester credit hours)	C) Number of credit hours required for proposed program (Semester credit hours)	D) Change in credit hours
Total minimum credit hours required for completion of program		20	13.3	12	1.3
Required credit hours offered by the unit	Minimum	20	13.3	12	1.3
	Maximum				
Required credit hours offered outside of the unit	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0
Required prerequisite credit hours not included above	Minimum	0	0.0	0	0.0
	Maximum	0	0.0	0	0.0

## Program Learning Goals

Note: these are required for all undergraduate degree programs and majors now, and will be required for all graduate and professional degree programs in 2012. Nonetheless, all programs are encouraged to complete these now.

- Program Learning Goals**
- To provide a fundamental knowledge and insight into the role of insects and their relatives in human affairs and in the environment.

## Assessment

Assessment plan includes student learning goals, how those goals are evaluated, and how the information collected is used to improve student learning. An assessment plan is required for undergraduate majors and degrees. Graduate and professional degree programs are encouraged to complete this now, but will not be required to do so until 2012.

Is this a degree program (undergraduate, graduate, or professional) or major proposal? No

## Program Specializations/Sub-Plans

If you do not specify a program specialization/sub-plan it will be assumed you are submitting this program for all program specializations/sub-plans.

## Pre-Major

Does this Program have a Pre-Major? No

**Attachments**

- Entmly\_Minor.pdf  
*(Program Proposal. Owner: Needham, Glen Ray)*

**Comments**

- The current program name should be ENTMLGY-MN (not ENTOMOL-MN) but this choice does not appear in the name box. *(by Welty, Celeste on 12/07/2010 03:52 PM)*

**Workflow Information**

Status	User(s)	Date/Time	Step
Submitted	Welty, Celeste	02/04/2011 03:05 PM	Submitted for Approval
Approved	Fisher, Susan Warwick	02/04/2011 04:27 PM	Unit Approval
Revision Requested	Stokoe, Laurie Anne	02/08/2011 09:09 AM	College Approval
Submitted	Welty, Celeste	02/08/2011 09:47 AM	Submitted for Approval
Approved	Fisher, Susan Warwick	02/08/2011 10:46 AM	Unit Approval
Approved	Stokoe, Laurie Anne	02/08/2011 02:44 PM	College Approval
Pending Approval	Hanlin, Deborah Kay Vankeerbergen, Bernadette Chantal Meyers, Catherine Anne Jenkins, Mary Ellen Bigler Nolen, Dawn	02/08/2011 02:44 PM	ASCCAO Approval

# ENTOMOLOGY MINOR

College of Food, Agricultural, and Environmental Sciences

Faculty Advisers:

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The objectives of a minor in Entomology are to provide insight into the role of insects in human affairs and in the environment. Students majoring in fields associated with food production will be interested in Entomology because of the critical role insects play as direct competitors with humans and animals. Students in CFAES should consider a minor in entomology, especially those interested in animal sciences, pre-veterinary medicine, veterinary public health, plant pathology, sustainable plant systems and agriscience education.

**The Entomology minor consists of a minimum of 12 credit hours chosen from the following list.**

**Required:** **Credit Hours**

ENTMLGY 3000 General Entomology 3

**Required, one of the following:**

ENTMLGY 4601 General Insect Pest Management 2

ENTMLGY 4602 Urban Landscape and Greenhouse Entomology 2

ENTMLGY 4603 Agricultural Entomology 2

ENTMLGY 4604 Urban Entomology: Structural & Nuisance Pests 2

ENTMLGY 4606 Forensic Entomology 2

ENTMLGY 4607 Veterinary Entomology 2

ENTMLGY 5110 Ecology & Management of Pathogens and Insects Affecting  
Trees in Forest and Urban Environments 3

ENTMLGY 5605 Human Health Entomology 2

**Required Electives, 6-7 hours from courses above or below:**

ENTMLGY 2101 Insects and Human Affairs: Pests, Plagues, Poisons & Politics 3

ENTMLGY 2200 Beekeeping 3

ENTMLGY 3330 Social Insects 3

ENTMLGY 4440H Social Insects 3

ENTMLGY 4200 Insect Biology for Teachers (Stone Lab) 2

ENTMLGY 5120 Aquatic Insect Biology and Ecology (Stone Lab) 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 5601 Current Topics in Entomology, Science and Society 3

ENTMLGY 5604 Capstone Course: Problem-Based Studies in Plant Health 2

ENTMLGY 5623 Insect Morphology 2

ENTMLGY 5800 Pesticide Science 3

**Additional Electives (Pass/no-pass courses that cannot count towards minor):**

ENTMLGY 4191 Internship Experience in Entomology 1-2

ENTMLGY 4683 Research with Distinction 1-3

ENTMLGY 4683H Research with Distinction 1-3

ENTMLGY 4998 Undergraduate Research 1-3

Be sure to check prerequisites especially for the 5xxx and above courses. Research is one option for those especially interested in entomology and graduate education.

1. The minor is not available to student majoring in Plant Health Management
2. A minimum overall GPA for courses comprising the minor shall be 2.00
3. A minor should be declared at the time a student accumulates 60 hours.
4. A maximum of one course may overlap between the minor and the GEC (Writing, literature, Arts, Natural Sciences, Historical Study, Social Sciences, Culture and Ideas, Contemporary Issues)
5. Courses taken on a pass/non pass basis may not be applied to the minor.