

Entomology

Major Requirements

The major requirements for both the B.A. and the B.S. degrees in Entomology are as follows:

1. Lower-division requirements (50–51 units)

a) BIOL 005A, BIOL 05LA, BIOL 005B, BIOL 005C

b) PHYS 002A, PHYS 002B, PHYS 002C, PHYS 02LA, PHYS 02LB, PHYS 02LC

c) MATH 008B or MATH 009A, MATH 009B

d) CHEM 001A, CHEM 001B, CHEM 001C, CHEM 01LA, CHEM 01LB, CHEM 01LC

2. Upper-division requirements (67 units)

a) ENTM 100/BIOL 100, ENTM 107, ENTM 173/BIOL 173, and 4 units in any combination of ENTM 190, ENTM 197, ENTM 199, or ENTM 199H

b) Twenty-four (24) additional units of entomology electives, which may include up to 2 additional units of ENTM 190, ENTM 197, or ENTM 199H

c) BCH 100

d) BIOL 102

e) BIOL 107A

f) CHEM 112A, CHEM 112B, CHEM 112C

g) STAT 100A, BIOL 151 and BIOL 175 are suggested in order to acquire a background in the life sciences appropriate for an Entomology major.

For students intending to specialize at the graduate level in insect toxicology or insect physiology, biochemistry, and molecular biology, it is recommended that the BCH 110A, BCH 110B, and BCH 110C sequence and BCH 102 be substituted in place of an equal number of upper-division course units in life sciences. Due to course content overlap, credit is not awarded for BCH 110A, BCH 110B, or BCH 110C if it has already been awarded for BCH 100.

Sample Program

Freshman Year

Fall Winter Spring

BIOL 005A, BIOL 05LA;
BIOL 005B
CHEM 001A, CHEM 001B,
CHEM 001C
CHEM 01LA,
CHEM 01LB, CHEM 01LC

ENGL 001A, ENGL 001B,
ENGL 001C
MATH 008B or MATH 009A,
MATH 009B
Humanities/Social Sciences

Total Units 17 17 17

Sophomore Year

Fall Winter Spring

BIOL 005C
Biology/Entomology Electives
CHEM 112A, CHEM 112B,
CHEM 112C
PHYS 002A, PHYS 002B,
PHYS 002C
PHYS 02LA, PHYS 02LB,
PHYS 02LC
Humanities/Social Sciences,
STAT 100A

Total Units 17 17 14

Junior Year

Fall Winter Spring

BIOL 102
BIOL 107A, ENTM173/
BIOL 173
ENTM 100/BIOL 100
ENTM 107
Biology/Entomology Electives
BCH 100, ENTM 019X
Humanities/Social Sciences

Total Units 16 16 16

Senior Year

Fall Winter Spring

ENTM 019X
Biology/Entomology Electives
Humanities/Social Sciences

Total Units 14 16 12

Minor

The Department of Entomology offers a minor in Entomology designed to allow the student the freedom to pursue areas of particular interest.

The minor consists of no less than 20 and no more than 28 units of Entomology courses to be selected as follows:

1. ENTM 100/BIOL 100

2. Select from the following upper-division Entomology courses to complete unit requirement: ENTM 106, ENTM 107, ENTM 109, ENTM 112/BIOL 112/BPSC 112, ENTM 114, ENTM 124, ENTM 126, ENTM 126L, ENTM 127/BIOL 127, ENTM 128, ENTM 129, ENTM 129L, ENTM 133, ENTM 162/BIOL 162, ENTM 173/BIOL 173, ENTM 190, ENTM 197, ENTM 199, ENTM 199H

3. No more than 4 units of ENTM 190, ENTM 197, ENTM 199, or

ENTM 199H, either solely or in combination, may be applied toward the unit requirement.
4. Of the specified upper-division units, a minimum of 16 must be unique to the minor and may not be used to satisfy major requirements.

See Minors under the College of Natural and Agricultural Sciences in the Colleges and Programs section of this catalog for additional information on minors.