

ENTOMOLOGY MINOR (183)

College of Food, Agricultural,
and Environmental Sciences
The Ohio State University

Minor Coordinator
103 Jennings Hall
1735 Neil Avenue
292-8209

Insects are found everywhere and they have a strong impact upon human activities. Nearly one-third of our food supply is destroyed by insects and some portions of the world are rendered almost uninhabitable because of diseases transmitted by insects. On the other hand, many plants are pollinated exclusively by insects and this association is critical for many food crops. Approximately 70% of all living organisms are insects. One million species have so far been discovered, but the total number has been estimated at anywhere from three to thirty million. The magnitude of the impact of this group of organisms is great but often unappreciated.

The objectives of a minor in Entomology are to provide insight into the role of insects in human affairs and in the environment in general. 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. Other majors such as Plant Health and Protection, Horticulture, and Agronomy will be interested because of the impact insects have on plants.

The Entomology minor consists of a minimum of 20 credit hours chosen as follows:

Required: 5 hours **Credit Hours**

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| ENTOMOL 460 | General Entomology | 5 |
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Required Electives: 15-20 hours

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| ENTOMOL 361 | Apiculture | 5 |
| ENTOMOL 461 | Forest Entomology | 5 |
| ENTOMOL 462 | Economic Entomology for Turf, Ornamentals, and Greenhouses | 4 |
| ENTOMOL 500 | General Entomology | 5 |
| ENTOMOL 531 | Pesticides, the Environment, & Society | 3 |
| ENTOMOL 532 | Pesticide Regulations | 2 |
| ENTOMOL 611 | Field Entomology | 5 |
| ENTOMOL 612 | Aquatic Entomology | 5 |
| ENTOMOL 623 | Insect Morphology | 5 |
| ENTOMOL 631 | Insect Physiology (requires Chem 251, 254) | 5 |
| ENTOMOL 641 | Insect Ecology | 5 |
| ENTOMOL 642 | Insect Behavior | 5 |
| ENTOMOL 660 | Advanced Economic Entomology | 5 |
| ENTOMOL 661 | Medical Entomology | 5 |
| ENTOMOL 664 | Host Plant Resistance to Insect | 3 |

Restrictions and General Information

1. This minor is not available to students majoring in Plant Health Management.
2. A minimum overall CPHR for courses comprising the minor shall be 2.0.
3. A minor should be declared at the time a student accumulates 90 hours.
4. A maximum of five credit hours may overlap between the minor and the GEC (foundations, natural sciences, arts and humanities and social sciences).
5. Courses taken on a pass/non pass basis may not be applied to the minor.