

ENTOMOLOGY - MINOR

This program offers essential knowledge about how insects interact with ecology and public health, providing a strong foundation in the biological and ecological principles of insects.

Entomology is a basic and applied science of insects and their relatives such as ticks and mites. Insects are one of the most numerous and diverse forms of life on earth; they are essential constituents of virtually every terrestrial and aquatic ecosystem. While society benefits from the diverse roles played by insects, some species may become limiting factors in the production, processing and storage of our food and fiber crops, and to the health and well being of humans and animals. The knowledge and skills possessed by entomologists are essential components of modern integrated pest management strategies designed to safely and efficiently produce adequate food supplies for a continuously expanding world population, and to impede the transmission of insect-borne diseases, while at the same time protecting our endangered species and fragile ecosystems.

Students in majors such as agronomy, animal science, horticulture, biology, genetics and biomedical sciences may wish to augment their knowledge and broaden their career opportunities by electing to either double major or minor in entomology. All interested students should contact an academic advisor for additional information on these options.

Program Requirements

| Code | Title | Semester Credit Hours |
|---|--|-----------------------|
| Select one of the following: ¹ | | 3 |
| ENTO 201 | General Entomology | |
| ENTO 208 | Veterinary Entomology | |
| & ENTO 209 | and Veterinary Entomology Laboratory | |
| ENTO 301 | Biodiversity and Biology of Insects ¹ | 3-4 |
| or ENTO 321 | or Insects and Human Society | |
| Select 9 hours from the following: | | 9 |
| ENTO 210 | Global Public Health Entomology | |
| ENTO 300/ | Field Studies | |
| ECCB 300 | | |
| ENTO 306 | Insect Structure and Function | |
| ENTO 320 | Honey Bee Biology | |
| ENTO 401 | Principles of Integrated Pest Management | |
| ENTO 402 | Insects In Agriculture | |
| ENTO 403 | Urban Entomology | |
| ENTO 423 | Medical Entomology | |
| ENTO 424 | Insect Ecology | |
| ENTO 428 | Insect Biotechnology | |
| ENTO 429 | Insect Biotechnology Laboratory | |
| ENTO 431/ | The Science of Forensic | |
| FIVS 431 | Entomology | |
| ENTO 432/ | Applied Forensic Entomology | |
| FIVS 432 | | |
| ENTO 435 | Case Studies in Problem Solving | |
| ENTO 441 | Engineering Vector Populations | |

ENTO 442 Mosquito - A History of Humankind's Struggle for Survival with the Deadliest Animal on the Planet

ENTO 450/ Caribbean Conservation
ECCB 450

ENTO 451/ Caribbean Research Seminar
ECCB 451

ENTO 481 Seminar

ENTO 482 Occupational and Professional Development

ENTO 484 Professional Internship

ENTO 485 Directed Studies

ENTO 489 Special Topics in...

ENTO 491 Research

Total Semester Credit Hours 15

¹ Substitutions are not allowed for core courses.

Students are encouraged to visit the Department of Entomology Advising Office to select the appropriate directed elective courses based on their individual educational and career interests.

Students must earn a grade of C or better in each course used for the minor.