**ENTOMOLOGY - MINOR**

Entomology is a basic and applied science of insects and their relatives such as ticks and mites. Insects are 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 many diverse roles played by the vast majority of 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 majoring in related areas such as agronomy, animal science, horticulture, biology, genetics and biomedical sciences may wish to consider augmenting their knowledge base and broaden their career opportunities by electing to either double major or to minor in entomology. Interested students should contact the departmental Undergraduate Advisor for additional information on these options.

**Program Requirements**

The minor in Entomology is available to all students enrolled at Texas A&M University. The courses listed constitute the minimum 17 hours required for a minor in Entomology.

1. Students must earn a grade of C or better in each course used for the minor.
2. Prerequisite Courses: All prerequisites for each core and elective course also must be met. Prerequisite courses will not be applied to the minor requirements and do not count toward the number of hours needed to complete the minor. Please refer to the Texas A&M University Undergraduate Catalog for a listing of course prerequisites.
3. Availability of courses and minor recognition: The Department of Entomology cannot guarantee the availability of the courses required to meet the minor requirements. Successful completion of the minor will be certified by a degree audit in Howdy during the semester of the student’s graduation. The minor will be recognized after graduation on the student’s transcript, but not on the student’s diploma.

Students pursuing the Minor in Entomology (http://entomology.tamu.edu/entomology-academic-program/entomology-minor/) are to complete the minor application form and submit the document to the Department of Entomology Advising Office in 404 Minnie Belle Heep Building (HPCT).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>ENTO 201</td>
<td>General Entomology ¹</td>
<td>3</td>
</tr>
<tr>
<td>or ENTO 208/209</td>
<td>or Veterinary Entomology</td>
<td></td>
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<tr>
<td>ENTO 482</td>
<td>Occupational and Professional Development ¹</td>
<td>2</td>
</tr>
<tr>
<td>ENTO 301</td>
<td>Biodiversity and Biology of Insects ¹</td>
<td>3-4</td>
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<tr>
<td>or ENTO 32</td>
<td>or Insects and Human Society</td>
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Direct Electives 9

Select from the following list:
- ENTO 300/ Field Studies
- WFSC 300
- ENTO 305 Evolution of Insect Structure
- ENTO 306 Insect Physiology
- ENTO 320 Honey Bee Biology
- ENTO 401 Principles of Integrated Pest Management
- ENTO 402 Field-Crop Insects
- 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 450/ Caribbean Conservation
- WFSC 450
- ENTO 451/ Caribbean Research Seminar
- WFSC 451
- ENTO 481 Seminar
- ENTO 484 Professional Internship
- ENTO 485 Directed Studies
- ENTO 489 Special Topics in...
- ENTO 491 Research

Total Semester Credit Hours 17

¹ Substitutions are not allowed for core courses.

Students are encouraged to visit the Department of Entomology Advising Office in 404 Minnie Belle Heep Building (HPCT), West Campus, 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.