Entomology Minor (Non-Teaching)

The College of Agriculture offers an undergraduate Entomology minor (non-teaching) in addition to the graduate program in Entomology. The entomology minor provides students majoring in various areas of the agricultural and biological sciences with a discrete set of courses emphasizing the important discipline of entomology. The minor was designed to serve the needs of students in both the College of Agriculture and the College of Letters and Science (Biology and Microbiology). In addition to the minor, students may also undertake undergraduate research projects, internships, special topics and undergraduate creative activity projects with individual faculty housed in the Department of Animal and Range Sciences, Land Resources and Environmental Sciences, and Plant Science and Plant Pathology.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOO 262IN</td>
<td>Introduction to Entomology</td>
<td>3</td>
</tr>
<tr>
<td>AGSC 401</td>
<td>Integrated Pest Management</td>
<td>3</td>
</tr>
<tr>
<td>BIOO 465</td>
<td>Insect Identification</td>
<td>4</td>
</tr>
<tr>
<td>BIOB 490R</td>
<td>Undergraduate Research</td>
<td>1-3</td>
</tr>
<tr>
<td>ANSC 490R</td>
<td>Undergraduate Research</td>
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</tr>
<tr>
<td>ENSC 490R</td>
<td>Undergraduate Research</td>
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</table>

Directed Elective Courses

Choose three of the following: 12-13

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AGSC 341</td>
<td>Field Crop Production</td>
<td>3</td>
</tr>
<tr>
<td>BCH 380</td>
<td>Biochemistry</td>
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<tr>
<td>&amp; BCH 381</td>
<td>and Biochemistry Lab</td>
<td>5</td>
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<tr>
<td>or BIOB 318</td>
<td>Biometry</td>
<td></td>
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<tr>
<td>or STAT 216Q</td>
<td>Introduction to Statistics</td>
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<tr>
<td>BIOB 375</td>
<td>General Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIOB 420</td>
<td>Evolution</td>
<td>3</td>
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<tr>
<td>or BIOE 370</td>
<td>General Ecology</td>
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<tr>
<td>or NRSM 240</td>
<td>Natural Resource Ecology</td>
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<tr>
<td>BIOE 422</td>
<td>Insect Ecology</td>
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<tr>
<td>BIOE 428</td>
<td>Freshwater Ecology</td>
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<tr>
<td>BIOM 250</td>
<td>Microbiology for Health Sciences: Infectious Diseases</td>
<td>3</td>
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<tr>
<td>BIOM 421</td>
<td>Concepts of Plant Pathology</td>
<td>3</td>
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<tr>
<td>BIOO 412</td>
<td>Animal Physiology</td>
<td>3</td>
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<tr>
<td>ENSC 407</td>
<td>Environmental Risk Assessment</td>
<td>3</td>
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<tr>
<td>ENSC 466</td>
<td>Chemical Ecology</td>
<td>3</td>
</tr>
<tr>
<td>WILD 301</td>
<td>Princ of Fish &amp; Wildlife Mgmt</td>
<td>3</td>
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</table>

Total Credits 21-24