ENTOMOLOGY, MS

for the degree of Master of Science in Entomology

clear of department: May R. Berenbaum
co-directors of graduate studies: Alexandra Harmon-Threatt and
Samuel N. Beshers
overview of department admissions & requirements: https://
sib.illinois.edu/entomology/graduate_admissions/
overview of graduate college admissions & requirements: https://
grad.illinois.edu/admissions/apply (https://grad.illinois.edu/
admissions/apply/)
department website: https://sib.illinois.edu/entomology/
department faculty: https://sib.illinois.edu/entomology/faculty
(colege website: Liberal Arts & Sciences: https://las.illinois.edu/
department office: 320 Morrill Hall, 505 South Goodwin Avenue,
Urbana, IL 61801
phone: (217) 333-2910
e-mail: entowork@life.illinois.edu

The Department of Entomology offers graduate programs leading to
the Master of Science and Doctor of Philosophy degrees. The program
is designed to accommodate incoming students with a wide range of
entomological expertise. The goal of the program is to provide students
with a strong background in basic biology as it relates to insects and to
equip them with the specialized intellectual and technical skills to pursue
a career in research, teaching, and service in entomology and related
biological disciplines.

Major areas of specialization within the department include systematics,
evolutionary biology, molecular genetics, genomics, chemical ecology,
disease ecology, invasion biology, toxicology, pollinator health, social
insect biology, insect-microbe interactions, conservation biology, and
integrated pest management.

Graduate Degree Programs in Entomology

Entomology, MS (p. 1)
concentration: Computational Science & Engineering
(http://catalog.illinois.edu/graduate/engineering/
concentration/computational-science-engineering/)
Entomology, PhD (http://catalog.illinois.edu/graduate/las/
entomology-phd/)
concentration: Computational Science & Engineering
(http://catalog.illinois.edu/graduate/engineering/
concentration/computational-science-engineering/)

Graduate Teaching Experience

Although teaching is not a general Graduate College requirement,
experience in teaching is considered an important part of the graduate
experience in this program and serving as a teaching assistant for at
least two semesters is required.

Financial Aid

Graduate student awards are available, including teaching and research assistantships. In addition, fellowships and traineeships are offered
by the Graduate College and the School of Integrative Biology. A single
application to the department is sufficient for consideration for all awards
currently available.

for the degree of Master of Science in Entomology

A candidate for the M.S. degree is expected to become knowledgeable
in entomology through coursework and independent research and to
complete a research thesis in an area of interest chosen in consultation
with an adviser.

For additional details and requirements refer to the
department’s Graduate Handbook (http://www.life.illinois.edu/
entomology/handbook.html) and the Graduate College Handbook (http://
www.grad.illinois.edu/gradhandbook/).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>IB</td>
<td>Insect Physiology</td>
<td>14</td>
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<tr>
<td>IB</td>
<td>Insect Ecology</td>
<td></td>
</tr>
<tr>
<td>IB</td>
<td>Insect Classification and Eval</td>
<td></td>
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<tr>
<td>IB</td>
<td>Insect Pest Management</td>
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<tr>
<td>IB</td>
<td>Genomic Analysis of Insects</td>
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<tr>
<td>ENT</td>
<td>Thesis Research (12 max applied toward</td>
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<tr>
<td></td>
<td>degree)</td>
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<td></td>
<td>Total Hours</td>
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Other Requirements

<table>
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<th>Requirement</th>
<th>Description</th>
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<tr>
<td>Other requirements may overlap</td>
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<tr>
<td>Prescription Exam Required</td>
<td>Yes</td>
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<tr>
<td>(administered upon entrance into</td>
<td></td>
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<tr>
<td>program)</td>
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<td>Masters Thesis Defense Required</td>
<td>Yes</td>
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<td>Masters Thesis Deposit Required</td>
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<td>Minimum 500-level Hours Required</td>
<td>12</td>
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<tr>
<td>Overall:</td>
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<td>The grade point average required for</td>
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<tr>
<td>degree certification is 3.0 (A = 4.0)</td>
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<tr>
<td>Minimum GPA:</td>
<td>3.0</td>
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</table>

Admission

The Graduate Record Examination (GRE) general test scores are not
required by our Department but can be submitted if they will support
your application. A minimum Test of English as a Foreign Language
(TOEFL) score of 550 (paper-based test), 213 (computer-based test), or
79 (internet-based test), or an International English Language Testing
System (IELTS) score of 6.5, is required. Previous training in entomology
is unnecessary. It is recommended that students who intend to study
for advanced degrees in entomology gain a thorough grounding in the
physical and biological sciences, mathematics, and the liberal arts.
Spring admission is possible for special circumstances.