ENTOMOLOGY GRADUATE OPTION

This option is offered within the following major(s):

- Crop Science - College of Agricultural Sciences [http://catalog.oregonstate.edu/college-departments/agricultural-sciences/crop-soil-science/crop-science-ms-phd-mais]
- Horticulture - College of Agricultural Sciences [http://catalog.oregonstate.edu/college-departments/agricultural-sciences/horticulture/horticulture-ms-phd-mais]

The Entomology (ENT) option at Oregon State University embodies the Land Grant mission of integrated research, teaching, and extension in the context of understanding the basic biology of insects and, with this knowledge, then working with insects in natural and/or managed environments. The discipline of entomology at Oregon State University covers behavior, ecology, evolution, physiology, systematics, molecular biology, chemical ecology, plant-insect interactions, pollination by honey bees and native bees, biological control, integrated pest management, and insecticide toxicology. Oregon State Entomology addresses insect-related issues in aquatic and terrestrial systems in natural, agricultural, forested, and urban environments. Entomologists collaborate with plant scientists, physiologists, pathologists, soil scientists, geneticists, molecular biologists, and experts in other fields.

Students in the Entomology option will conduct thesis research related to insects under the supervision of an entomologist associated with the graduate faculty in Crops or Horticulture, and take courses that provide knowledge and understanding about insects. After completing their degree, students will have gained fundamental knowledge in entomology that may be applied in agricultural, aquatic, forested, natural, and urban environments.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENT 503</td>
<td>THEESIS</td>
<td>3</td>
</tr>
</tbody>
</table>

**Thesis Credits**

**Course Credits**

Select 9 credits of the following:

- ENT 507 SEMINAR
- ENT 520 INSECT ECOLOGY
- ENT 540 ISSUES IN INSECT TOXICOLOGY
- ENT 599 SPECIAL TOPICS
- IB 540 INSECT PHYSIOLOGY
- IB 575 AQUATIC ENTOMOLOGY

Total Hours 12

Option Code: 5333