## Entomology (MS)

### Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Select a minimum of 3 courses from the following list:</td>
<td></td>
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<tr>
<td>ENT 502</td>
<td>Insect Diversity</td>
<td>1</td>
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<tr>
<td>ENT 503</td>
<td>Insect Morphology and Physiology</td>
<td>1</td>
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<tr>
<td>ENT 504</td>
<td>Professional Development for Agriculture and the Life Sciences</td>
<td>1</td>
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<tr>
<td>ENT 506</td>
<td>Principles of Genetic Pest Management</td>
<td>1</td>
<td></td>
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<tr>
<td>ENT 509</td>
<td>Biology of Aquatic Insects</td>
<td>1</td>
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<tr>
<td>ENT 510</td>
<td>Writing Proposals in Agriculture, Biology, and Ecology</td>
<td>1</td>
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<tr>
<td>ENT 520</td>
<td>Insect Behavior</td>
<td>1</td>
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<tr>
<td>ENT 526</td>
<td>Organic Agriculture: Principles and Practices</td>
<td>1</td>
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<tr>
<td>ENT 550</td>
<td>Fundamentals of Arthropod Management</td>
<td>1</td>
<td></td>
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<tr>
<td>ENT 560</td>
<td>Techniques in Molecular Ecology and Evolution</td>
<td>1</td>
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<tr>
<td>ENT 582</td>
<td>Medical and Veterinary Entomology</td>
<td>1</td>
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<tr>
<td>ENT 591</td>
<td>Special Topics In Entomology</td>
<td>1</td>
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</tr>
<tr>
<td>ENT 726</td>
<td>Biological Control of Insects and Weeds</td>
<td>1</td>
<td></td>
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<tr>
<td>ENT 727</td>
<td>Ecology of Soil Ecosystems</td>
<td>1</td>
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<tr>
<td>ENT 731</td>
<td>Insect Ecology</td>
<td>1</td>
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<tr>
<td>ENT 762</td>
<td>Insect Pest Management In Agricultural Crops</td>
<td>1</td>
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</tr>
<tr>
<td>ENT 791</td>
<td>Special Topics In Entomology</td>
<td>1</td>
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<tr>
<td></td>
<td><strong>Seminar Courses</strong></td>
<td>2</td>
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<tr>
<td></td>
<td>Seminar course must be repeated to fulfill 2 credit hours</td>
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</tbody>
</table>

**Additional Courses**: 19 hours

Additional Courses are determined in conjunction with the academic committee to meet the 30 total hours.

**Total Hours**: 30

### Faculty

#### Full Professors

Rick Lynn Brandenburg  
David Buchwalter  
Wayne G. Buhler  
Hannah J. Burrack  
Robert R. Dunn  
Steven D. Frank  
Fred L. Gould  
Rebecca Elizabeth Irwin  
George G. Kennedy  
Dominic Duane Reisig  
Richard M. Roe  
Coby J. Schal  
Jules Silverman  
Clyde E. Sorenson  
David R. Tarpy  
James F. Walgenbach  
David W. Watson  
Anna Elizabeth Whitfield  
Brian M. Wiegmann

#### Associate professors

Marce D. Lorenzen  
David B. Orr  
Michael Hay Reiskind  
Dorith Rotenberg

#### Assistant Professors

Zachary Steven Brown
Sydney E. Crawley
Anders Schmidt Huseth
Aram Arshak Mikaelyan
Elsa Youngsteadt

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**Emeritus Faculty**
Charles Smith Apperson
Jack S. Bacher
James R. Baker
Julius R. Bradley Jr
Wayne Maurice Brooks
William V. Campbell
Lewis L. Deltz
Maurice H. Farrier
Fred P. Hain
James D. Harper
Ruediger C. Hillmann
John R. Meyer
Harry B. Moore Jr.
Herbert H. Neunzig
John F. Roberts
Robert L. Robertson
Kenneth A. Sorensen
Phillip S. Southern
Ronald Edwin Stinner
John W. VanDyyn
Charles Gerald Wright

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**Adjunct Professors**
Nicholas M. Haddad
Loganathan Ponnusamy
Christopher M. Ranger