MS AGRICULTURE,
SPECIALIZATION IN PLANT
PROTECTION SCIENCE

Program Learning Objectives

1. Demonstrate expertise in their respective discipline.
2. Develop, test or select the appropriate technology in their respective discipline.
3. Demonstrate effective communication skills.
4. Formulate decisions utilizing professional ethics.
5. Value the diversity of people and ideas.
6. Investigate problems using critical thinking and derive appropriate solutions.

Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEPS 575</td>
<td>Applied Systematics for Agriculture</td>
<td>4</td>
</tr>
<tr>
<td>AEPS 599</td>
<td>Thesis in Plant Protection Science</td>
<td>9</td>
</tr>
<tr>
<td>AG 581</td>
<td>Graduate Seminar</td>
<td>2</td>
</tr>
<tr>
<td>ESCI 501</td>
<td>Research Planning</td>
<td>4</td>
</tr>
<tr>
<td>STAT 511</td>
<td>Statistical Methods</td>
<td>4</td>
</tr>
<tr>
<td>STAT 513</td>
<td>Applied Experimental Design and Regression Models</td>
<td>4</td>
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</tbody>
</table>

Select from the following: 8

- AEPS 406  Advanced Weed Management
- AEPS 427  Disease and Pest Control Systems for Ornamental Plants
- AEPS 431  Insect Pest Management
- AEPS 441  Biological Control for Pest Management

Approved Electives

Any 400 and 500 level courses approved by the graduate committee 10

Total units 45

1 At least 60% of all units required by the committee as reflected on the formal study plan must be at the 500 level.