

Program of Study Requirements for the MPPM Degree.

	<i>Credits</i>
Core Curriculum	
Area I	16
<i>All are required courses:</i>	
CRSS 6340 Weed Science (3)*	
CRSS 6340L Weed Science Lab (1)	
ENTO 6000 General Entomology (3)*	
ENTO/CRSS/PATH 6740 Integrated Pest Management (3)	
ENTO/CRSS/PATH 6250 Pesticide Management and Utilization (3)	
PATH 6280 Diagnosis and Management of Plant Diseases (3)*	
Area II	6-12
<i>Select at least one 2- to 4-credit course from each of the three MPPPM departments.</i>	
Area III	6-8
<i>Electives: select any graduate course related to pest management in the student's area of interest.</i>	
Internship	1
Total	33

** If a student has had the 400-level equivalent of CRSS 6340, ENTO 6000, or PATH 6280, then a substituted course must be selected from the same MPPPM department.*

Internship

Since the MPPPM program leads to a professional degree, an internship is required instead of research for a thesis. The internship is designed to strengthen a student's background in agriculture and related areas and to provide practical experience, such as with a chemical company or the Cooperative Extension Service. Prior to the internship, the student will meet with the major professor and discuss such things as the general mission of the employer, nature of anticipated work, and goals of the institution related to plant protection. These and other types of information will need to be collected during the internship for inclusion in a written report. If possible, the student and major professor should meet 4 to 6 weeks after initiation of employment and evaluate the student's progress. It may be desirable to alter the original goals and to be observant for different plant protection principles during the remainder of the internship.

An internship report is required and should be reasonably concise, substantial in character, and reflective of biological principles related to plant protection. The report should demonstrate to the faculty that the student understands basic and practical implications of plant protection and has the ability to: (i) organize information in a clear manner, (ii) produce a professionally useful and technically acceptable report (supervisor can verify that privileged information is being used properly), and (iii) present material in a well-structured form, written in acceptable English. The report should include:

1. Title: The title should be descriptive of the nature of the work.
2. Title page (one page for two reports): This should include title, name of student, previous academic degree(s), date of internship, name of employer, name of supervisor, degree program.
3. Approval page: Signatures of all members of advisory committees and internship supervisor(s) for each report.
4. Table of Contents.
5. Introduction: This section should cover two important points: (i) a description of the employer, its mission in agriculture, and how its mission relates to plant protection, and (ii) the anticipated goals of the student (it may be desirable to prepare an initial draft of this).
6. Description of work: Details should be presented concerning the nature of day-to-day activities and various procedures used during the internship.
7. Results: Factual information (data) of accomplishments and "failures" should be presented in this section. The information may be either, or both, objective or subjective, and it may be presented in the text, tables, and/or figures.
8. Discussion: The Results information should be evaluated, interpreted, and discussed. The discussion should demonstrate independent thinking and an understanding of principles of plant protection. Although not required, references may be used to support conclusions.
9. Summary: In this optional section, the internship can be evaluated: how was it important, problems encountered, how could it be improved, etc.
10. Literature cited (if needed): Cite pertinent references.
11. Appendix: Include information that is not suitable for the Results section.

The report will be typed on 8.5" x 11" paper. The margins and page numbers should correspond to the Graduate School requirements for theses and dissertations. Section headings, tables, and figures should follow the guidelines set forth by a discipline journal. The length of the report should be commensurate with the internship; the number of pages is not very significant, but the report(s) should be representative of the nature and variety of activities performed.

A grade of I (incomplete) will be assigned to the Internship until the student's advisory committee has approved the internship report. Furthermore, students should be expected to complete the report during the semester following the internship semester.

Students on academic probation may not enroll for an internship.

Final Examination Procedure

The Master Degree of Plant Protection and Pest Management Program (MPPPM) has a final examination requirement of all students. The examination consists of a written exam that is taken after all courses have been completed and is administered by the student's advisor. The written exam covers specific information and general concepts learned during the overall graduate program, including prerequisites, and core courses in area I. The student must pass the exam and have the written report approved before completing requirements for graduation.