

## **ENTO 6130 MPPPM Internship in Crop Protection and Pest Management**

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.