

PROGRAM OF CROP PROTECTION

The Crop Protection program leads to a Master of Science. Students may specialize in entomology, nematology, plant pathology, and weed science. Research is focused on developing sustainable, biologically based, and crop management technologies to control economically important arthropods, nematodes, plant diseases, and weeds.

Program Learning Outcomes

- To provide an education of excellence with specialization in entomology, nematology, plant pathology, and weed science.
- To promote research focused on developing sustainable, biologically based, and crop management technologies to control economically important arthropods, nematodes, plant diseases, and weeds.
- To encourage the creativity of the students and the university community through special research which contributes to the development of agriculture and society.

Curricular Sequence

The curricular sequence of the Master of Science in Crop Protection is established in coordination between the student, the advisor, and the director of the program. The student's Plan for Graduate Study will be prepared by the committee while taking into consideration the student's individual needs. The curricular sequence requires that students take a **Minimum Total of 30 credits**:

- **18 credits (major courses)** offered by the Department of Agricultural Environmental Science
- **6 credits in thesis research**
- **6 credits (electives courses)** that must be taken from other departments.

However, as occurs for the present on-campus program, each student will be evaluated individually and assessed if he/she must take deficiency (makeup) courses (e.g., Basic soil, applied statistics, crop production, among others). As per Certification SA 09-09, a student in Conditional Standing is one who at the time of admission satisfies all requirements except for some deficiencies in undergraduate courses (up to four maximum).

Ideally, students will be able to complete the program in two years. The current average completion time (for on-campus students) is four (4) years. The completion time varies from student due to the number of deficiencies, academic progress, thesis topic, and research data to collect.

The curricular sequence is as follows:

First Year

First Semester

Number	Credits	Course
PROC XXXX	6	Major Course from the department
Elective	3	Elective from another department

Second Semester

Number	Credits	Course
PROC XXXX	6	Major Course from the department
Elective	3	Elective from another department

Second Year

First Semester

Number	Credits	Course
AGRO XXXX or PROC XXXX or HORT XXXX	6	Major Course from the department
PROC 6999	3	Research in Crop Protection

Second Semester

Number	Credits	Course
AGRO XXXX or PROC XXXX or HORT XXXX	6	Major Course from the department
PROC 6999	3	Research in Crop Protection

Total Credits: 30