ENTOMOLOGY AND NEMATOLOGY

Entomology and nematology are biological sciences dealing with insects, mites, ticks, spiders, and nematodes.

About this Program

- **College:** Agricultural and Life Sciences
- **Degree:** Bachelor of Science
- **Credits for Degree:** 120
- **Specializations:** Basic Science | Biosecurity | Ecotourism | Plant Protection | Preprofessional | Urban Pest Management

**Additional Information**

**Related Entomology and Nematology Programs**

To graduate with this major, students must complete all university, college, and major requirements.

The entomology and nematology curriculum develops an excellent knowledge base and an understanding of concepts and fundamental practices. Through formal courses, laboratory experimentation and individual research experience, students will learn how the scientific method is applied to the biological world at the whole organism and population levels. Students will learn to evaluate hypotheses, to acquire and interpret experimental data, and to communicate results effectively in appropriate styles. Special focus will be information on insect identification, morphology, behavior, physiology and ecology.

Before Graduating Students Must

- Pass the entomology and nematology competency exam, which will be tailored to individual specializations.
- Complete requirements for the baccalaureate degree, as determined by faculty.

Students in the Major Will Learn to

**Student Learning Outcomes (SLOs)**

**Content**
1. Identify insects and describe and explain insect morphology, physiology and behavior.

**Critical Thinking**
2. Acquire, analyze and synthesize entomological information.

**Communication**
3. Communicate proficiently in the sciences in oral and written forms.

**Curriculum Map**

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<th>SLO 1</th>
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Assessment Types

- Assignments
- Exams
- Course grades
- Research collection