

## ***Accelerated Undergraduate/Graduate Degree in Entomology***

### **Accelerated program(s) you wish to offer**

An accelerated degree for BS students to earn an ***MSLFS in Entomology*** with dual student status

### **BS/MS admission criteria and application materials required**

1. Completion of Graduate School application for MS (resume, statement of professional goals, 3 letters of recommendation, transcripts) and Concurrent Undergraduate and Graduate Status form.
2. GPA of 3.0 or better and 3.4 in their major
3. Completion of at least 60 undergraduate credit hours.
4. To be accepted, students must have a faculty member willing to serve as their graduate advisor.
5. Students qualifying for the program must be in the last 12 months of their undergraduate degree

### **Process for identifying potential student, advisors and mentoring during the program**

Graduate mentors typically are familiar with the student through previous coursework and/or research experiences. Accelerated students are required to form their advisory committee and submit a plan of study prior to completion of their senior year.

A maximum of 12 credit hours of graded course work, taken during the last two semesters before the completion of the bachelor's degree, may be used to satisfy both bachelor's and master's degree requirements (i.e., be 'double counted' toward both degrees). Of those 12 credits, no more than 6 credits can be at the 4000-level. A grade of B or higher must be earned in courses to be double-counted in the Accelerated program.

Course requirements will be the same as for all MSLFS students in the department. Students are expected to attend all departmental seminars. All students are required to demonstrate competency in basic insect biology and statistics. Competency in insect biology may be demonstrated by having had or taking courses like insect biology, medical/veterinary entomology or another course beyond introductory or general entomology. Students must attend the departmental Scholarly Ethics and Integrity training held early each year (typically in the 2nd seminar session for the Fall semester). Finally, all entomology graduate students must complete at least one course in each of three core areas:

- Biochemistry/molecular and cell biology (Biochemistry for Life Sciences, Insect Physiology or Insecticide Toxicology)
- Statistics (Biometry, Statistics in Research, or approved substitute)
- Information management (Research and Information Systems in the Life Sciences)

## **Research Expectations**

It is anticipated that the student will begin their research during their first year in the program. This includes forming a graduate committee, developing a research proposal, and beginning work on their thesis research. The expectation is that the level of work is no less than that of MSLFS students currently enrolled in Entomology.