Concentration: Entomology-Honors Track

The Entomology concentration prepares you for graduate degrees in entomology. Emphasis is placed on a broad background in field and laboratory aspects of insect biology and management.

**HONORS COLLEGE:**

The highlighted courses reflect options of Honors Courses to take. The Honors College requires students to take **a total of 18 credit hours** with an **honors designation**, of which at least 9 credits must be upper division (300+). These are classes with an HON prefix or **courses by contract**\*. 3 of the total 18 must be a Senior Capstone experience taken under HON 400 or HON 410 or by contract.

Not all of the honors courses highlighted are offered every semester. Be sure to talk to your advisor and to check the Honors College website for a list of approved courses for the semester. Go to the Honors College website🡪 For Students tab🡪 Courses or use the Course Lookup Screen and scroll to HON in the drop down menu. Look at the courses being offered in Areas IV (Behavioral Sciences), V (Humanities and Fine Arts) , or Viewing the Wider World. Search for those courses when you register for the semester.

\*Honors Course by Contract: Non-Honors courses may count as upper level Honors courses by contracting the course. An Honors Contract is a mechanism for adding an “honors dimension” to a course that is not listed as an honors course. The contract allows honors students to convert a regular non-honors course that is numbered 300 or higher into an honors course that counts towards graduation with University Honors. If the course is cross-listed as a graduate-level course, students should enroll in the 500 level class. Go to [www.honors.nmsu.edu/for-students/honors-courses-by-contract/](http://www.honors.nmsu.edu/for-students/honors-courses-by-contract/) for more information.

\*\*Masters Accelerated Program: MAP is a program that allows students with a 3.0 GPA or higher to take up to 12 graduate credits during their undergraduate that can be applied towards a Master’s degree. Any 450 level class or above can count towards MAP and it can count as Honors College credits and General University credits. Go to https://honors.nmsu.edu/masters-accelerated-program-map/

**Required Courses:**

MATH 142G Calculus for the Biological and Management Sciences 3

BIOL 465 Invertebrate Zoology 4

CHEM 211 Organic Chemistry 4

EPWS 303 Economic Entomology 3

EPWS 325V Insects, Humans, and the Environment 3

EPWS 455 Advanced Integrated Pest Management 3

EPWS 462 Parasitology 3

EPWS 475 or EPWS 475H Urban Entomology 3

EPWS 481 Plant Nematology 3

EPWS 492 Diagnosing Plant Disorders 3

**Select at least three from the following: 7-11**

EPWS 314 or EPWS 314H Plant Physiology 3

EPWS 451 Special Topics 1-4

EPWS 456 Biological Control 3

EPWS 486 Plant Virology 3

BIOL 301 Principles of Ecology 3

AGRO 365 Principles of Crop Production 4

AGRO 471 Plant Mineral Nutrition 3

SOIL 252 Soils 3

ANSC 370 Anatomy and Physiology of Farm Animals 4

BIOL 436 Disease Vector Biology 3

BIOL 462 Conservation Biology 3

BIOL 469 Biology of Emerging Infectious Diseases 3

BIOL 480 Animal Behavior 3

GENE 452 Applied Bioinformatics 3

ES 301 Principles of Ecology 3

**Total Credits: 39-43**