ENTO - Entomology

ENTO 510 Insect Ecology: 3 Credits (3 Lec)

ENTO 516 Biosystematics: 3 Credits (2 Lec, 1 Lab)

ENTO 520 Insect Physiology: 3 Credits (3 Lec)
PREREQUISITE: BIOO 262IN and one of the following: BIOH 340, BIOO 412, BIOO 413, BIOO 433, BIOO 465, ENTO 514, or ENTO 525. The course focuses on a systems physiology approach, emphasizing the principles of insect physiology and insect physiological ecology. Material covered will include the digestive, respiratory, excretory, and circulatory processes, neurophysiology and communication, endocrinology, reproductive systems, muscular systems and locomotion, defensive mechanisms, and water balance. The basic course goal is to provide a strong fundamental understanding of insect physiological function as it relates to the environment. Emphasis will be placed on process comprehension.

ENTO 525 Insect Morphology: 2 Credits (1 Lec, 2 Lab)
PREREQUISITE: ENTO 204 and one of the following: BIOL 310, BIOB 420, ENTO 401, ENTO 432, ENTO 510, ENTO 514, ENTO 516, or ENTO 520. The principles of insect morphology and the evolutionary principles behind the diversity of form and function of the major insect and arthropod groups.

ENTO 590 Master's Thesis: 1-10 Credits (1 Other)
PREREQUISITE: Master’s standing. Repeatable up to 99 credits.

ENTO 592 Independent Study: 1-3 Credits (1 Other)
PREREQUISITE: Graduate standing, consent of instructor, approval of Department Head and Dean of Graduate Studies. Directed research and study on an individual basis. Repeatable up to 6 credits.

ENTO 594 Seminar: 1 Credits (1 Other)
PREREQUISITE: Graduate standing or seniors by petition. Course prerequisites as determined for each offering. Topics offered at the graduate level which are not covered in regular courses. Students participate in preparing and presenting discussion material. Repeatable up to 4 credits.