Change in Curriculum

College of Agriculture and Life Sciences
Department of Entomology
B.S. in Entomology

New Courses

ENTO 315. Biotechnology and Society. (3-0). Credit 3. Understanding the technology and principles of biotechnology; interpreting and communicating biotechnology reports of both popular press and peer-reviewed scientific articles. Prerequisite: Junior or senior classification or approval of instructor.

ENTO 428. Insect Biotechnology. (3-0). Credit 3. Applications of genetic engineering and biotechnology; specific problems dealing with insects and control of insect pests. Prerequisites: GENE 301 or 315 or 320; junior or senior classification or approval of instructor.

ENTO 429. Insect Biotechnology Laboratory. (0-3). Credit 1. Basic technical experience in insect molecular biology and biotechnology, including genomic DNA isolation, PCR, cloning, sequencing and gene manipulation techniques; focus on insect applications for improvement of human health and agriculture. Prerequisites: ENTO 428; concurrent enrollment in ENTO 428; junior or senior classification.

ENTO 435. Problem Solving in Entomology. (3-0). Credit 3. Development of reasoning strategies; investigate a series of entomological case studies; challenges to solving real-world entomological problems as part of a team of investigators. Prerequisite: Junior or senior classification or approval of instructor.

ENTO 484. Professional Internship. (4-0). Credit 1 to 4. Independent study and supervised field experience related to a professional area of interest in entomology. May be taken two times for credit. Prerequisite: Junior or senior classification or approval of instructor.

ENTO 491. Research. (4-0). Credit 1 to 4. Faculty supervised research in entomology. May be taken two times for credit. Prerequisite: Junior or senior classification or approval of instructor.

Other Curriculum Changes designated
in Dr. Teel's Memorandum (see attached)