**ENTO - Entomology**

**ENTO 510. Insect Ecology. 3 Credits.** (3 Lec) S alternate years to be offered odd years. 3 cr. LEC 3 Physiological ecology of insects. Influence of biotic and abiotic factors on insect population and community dynamics. Emphasis on seasonal adaptations, dispersion, life table analysis, r and k-selection, ecological methods, and insect-plant interactions. Co-convened with ENSC 407.

**ENTO 516. Biosystematics. 3 Credits.** (2 Lec, 1 Lab) F alternate odd years. PREREQUISITE: One of the following: AGSC 454, BIOO 230, BIOO 415, BIOL 433, BIOO 435, BIOO 475, BIOO 470, BIOO 465. Theory and practice of classification. History of taxonomy, use of International Codes of Nomenclature and phylogenetic reconstruction (cladistics). Information retrieval, character generation and computer algorithms in systematics.

**ENTO 520. Insect Physiology. 3 Credits.** (3 Lec) F alternate years, to be offered even years.

**ENTO 525. Insect Morphology. 2 Credits.** (1 Lec, 1 Lab) S alternate years, to be offered even years.

**ENTO 590. Master's Thesis. 1-10 Credits.** (1 Ind; max unlimited) F S, Su 1-10 cr. IND Maximum credits unlimited. PREREQUISITE: Master's standing.

**ENTO 592. Independent Study. 1-3 Credits.** (1 Ind; 6 cr max) On Demand 1 - 3 cr. IND Maximum 4 cr. PREREQUISITE: Graduate standing, consent of instructor, approval of Department Head and Dean of Graduate Studies. Directed research and study on an individual basis.

**ENTO 594. Seminar. 1 Credit.** (1 Sem; 4 cr max) F S 1 cr. SEM 1 Maximum 4 cr. 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.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.