

ZOOLOGY (ZOOL)

Credit Courses

ZOOL 110 Animal Physiology (3 Units)

Hours: 54 (54 lecture)

How animals work. Animal physiological systems, perception of and responses to external stimuli, integration of activities, maintenance of the internal environment, locomotion and reproduction.

Transfer Information: CSUGE Area B2, IGETC Area 5B, CSU Transferable, UC Transferable

ZOOL 122 Animal Diversity (3 Units)

Hours: 54 (54 lecture)

Introduction to zoology, including animal diversity, anatomy and physiology, adaptations and evolution. Principles of ecology are also covered.

SBCC General Education: SBCCGE Area A Lecture

Transfer Information: CSUGE Area B2, IGETC Area 5B, CSU Transferable, UC Transferable

ZOOL 123 Animal Diversity Laboratory (1 Unit)

Corequisites: ZOOL 122.

Hours: 54 (54 lab)

Laboratory and field investigations of animals. Covers animal diversity, anatomy and physiology, and principles of ecology and evolution.

SBCC General Education: SBCCGE Area A Lab

Transfer Information: CSUGE Area B3, IGETC Area 5C, CSU Transferable, UC Transferable

ZOOL 124 Insect Biology (3 Units)

Hours: 54 (54 lecture)

Introduction to anatomy, physiology, ecology, behavior and diversity of insects and other terrestrial arthropods.

Transfer Information: CSUGE Area B2, IGETC Area 5B, CSU Transferable, UC Transferable

ZOOL 137 Ornithology (3 Units)

Hours: 54 (54 lecture)

Systematics, distribution, physiology, behavior and ecology of birds.

Emphasis on diversity, functional morphology and evolutionary history.

Transfer Information: CSUGE Area B2, IGETC Area 5B, CSU Transferable, UC Transferable

ZOOL 138 Biology of Birds (1.5 Unit)

Hours: 45 (18 lecture, 27 lab)

Eight-week short course. Anatomy, physiology, evolution and behavior of birds. Field trips are timed to coincide with migratory periods and emphasize identification and classification.

Transfer Information: CSU Transferable, UC Transferable

ZOOL 140 Animal Behavior (3 Units)

Hours: 54 (54 lecture)

Introduction to animal behavior. An evolutionary examination of invertebrate and vertebrate behavior, including innate and learned behavior, foraging and self-defense strategies, sexual selection, mating systems and social behavior.

Transfer Information: CSUGE Area B2, IGETC Area 5B, CSU Transferable, UC Transferable