

# ZOOLOGY (ZOOLO)

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## ZOOL 1200

### *Introduction to Animal Care in Captivity*

3 Credit Hours

Students will explore the basics of caring for wildlife in captivity including diet, housing, animal capture, containment, animal behavior and disease. Other topics will include behavioral enrichment, training, wildlife rehabilitation, conservation, veterinary care, and employment opportunities. (3 lecture hours)

## ZOOL 1220

### *Insects and Humans*

3 Credit Hours

Study of insect life to include identification and ecology. Recognition and control of major pests as well as other arthropods such as arachnids, millipedes and centipedes. Relationships of insects to humans in the areas of agriculture, culture, forestry and medicine are explored. (2 lecture hours, 2 lab hours)

**Course types:** General Education: Physical/Life Science (A.A.S., A.G.S.)

## ZOOL 1800

### *Special Project*

1-3 Credit Hours

Special project courses in Zoology cover topics not otherwise covered by general education courses and other courses in the Catalog for the Zoology discipline. These courses require direct experience and focused reflection in an in-depth study of a specific topic and/or the critical analysis of contemporary issues. They are targeted to self-selected students with an interest in the subject matter and involve active participation. The course delivery incorporates an experiential component of no less than 30 percent but not to exceed 70 percent. This experiential component may include field studies, interdisciplinary learning, and/or the practical application of Zoology concepts, theories, principles, and methods with a specific focus. All courses require an orientation session to deliver academic and experiential information (syllabus, academic requirements, field preparation, logistics, etc.)

**Course types:** General Education: Physical/Life Science (A.A.S., A.G.S.)

## ZOOL 1840

### *Independent Study*

1-4 Credit Hours

Exploration and analysis of topics within Zoology to meet individual student-defined course description, goals, objectives, topical outline and methods of evaluation in coordination with and approved by the instructor. (1 to 4 lecture hours)

**Prerequisite:** Consent of instructor is required.

**Course types:** General Education: Physical/Life Science (A.A.S., A.G.S.)

## ZOOL 2250

### *Comparative Vertebrate Zoology*

4 Credit Hours

The classification, anatomy and physiology of vertebrates is presented in a comparative manner. Topics include vertebrate evolution, vertebrate development, and various body systems and their organs. Student dissection of various examples of vertebrates is required. (3 lecture hours, 3 lab hours)

**Prerequisite:** BIOL 1151 and BIOL 1152.

**Course types:** General Education: Physical/Life Science (A.A.S., A.G.S.)

## ZOOL 2260

### *Invertebrate Zoology*

4 Credit Hours

Study of invertebrate phyla. Topics include invertebrate taxonomy, anatomy, physiology, reproduction, evolution, and the relationships of invertebrate with their environment. (2 lecture hours, 4 lab hours)

**Prerequisite:** BIOL 1151 and BIOL 1152 or equivalent.

**Course types:** General Education: Physical/Life Science (A.A.S., A.G.S.)

## ZOOL 2800

### *Special Project*

1-3 Credit Hours

Special project courses in Zoology cover topics not otherwise covered by general education courses and other courses in the Catalog for the discipline, while building on academic knowledge and skills acquired in introductory-level classes. These courses require direct experience and focused reflection in an in-depth study of a specific topic and/or the critical analysis of contemporary issues. They are targeted to self-selected students with an interest in the subject matter and involve active participation. The course delivery incorporates an experiential component of no less than 30 percent but not to exceed 70 percent. This experiential component may include field studies, interdisciplinary learning, and/or the practical application of more complex zoology concepts, theories, principles and methods with a specific focus. All courses require an orientation session to deliver academic and experiential information (syllabus, academic requirements, field preparation, logistics, etc.)

**Prerequisite:** At least one course in Zoology or consent of instructor.

**Course types:** General Education: Physical/Life Science (A.A.S., A.G.S.)

## ZOOL 2860

### *Internship (Career & Technical Ed)*

1-4 Credit Hours

Course requires participation in Career and Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

**Prerequisite:** Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.

**Course types:** Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.), General Education: Physical/Life Science (A.A.S., A.G.S.)

## ZOOL 2865

### *Internship Advanced (Career & Tech Ed)*

1-4 Credit Hours

Continuation of Internship (Career and Technical Education). Course requires participation in Career & Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

**Prerequisite:** Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.

**Course types:** Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.), General Education: Physical/Life Science (A.A.S., A.G.S.)

**ZOOL0 2870**

***Internship (Transfer)***

1-4 Credit Hours

Course requires participation in work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

**Prerequisite:** Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.

**Course types:** Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.), General Education: Physical/Life Science (A.A.S., A.G.S.)

**ZOOL0 2871**

***Internship - Advanced (Transfer)***

1-4 Credit Hours

Continuation of Internship (Transfer). Course requires participation in work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

**Prerequisite:** Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the dean from the academic discipline where the student is planning to earn credit.

**Course types:** Contemporary Life Skills (A.A., A.S., A.A.S., A.G.S.), General Education: Physical/Life Science (A.A.S., A.G.S.)