

# BIOL 0140 - ORGANISMAL BIOLOGY

---

## Catalog Description

Prerequisite: Completion of intermediate algebra or higher with grade of "C" or better or appropriate placement

Advisory: Eligibility for ENGL 1A

Hours: 144 (54 lecture, 90 laboratory)

Description: Part of the BIOL 1/BIOL 140 course series for life science majors. Introduction to the principles of ecological and evolutionary processes that shape biodiversity with an emphasis on evolutionary relationships among major groups of organisms, their distinguishing structural and functional traits, the function and evolution of major organ systems, and ecological interactions among organisms. Through lecture and lab activities the diversity of life on Earth is covered, including animals, plants, fungi, and unicellular organisms. Field trips may be required; transportation will be provided. Recommended for biology majors and students in related programs. Non-life science majors see BIOL 14. Not recommended for students taking BIOL 2 and BIOL 3. (CSU)

## Course Student Learning Outcomes

### Effective Term

### Course Type

### Contact Hours

### Outside of Class Hours

### Total Student Learning Hours

### Course Objectives

### General Education Information

- Approved College Associate Degree GE Applicability
- CSU GE Applicability (Recommended-requires CSU approval)
- Cal-GETC Applicability (Recommended - Requires External Approval)
- IGETC Applicability (Recommended-requires CSU/UC approval)

## Articulation Information

### Methods of Evaluation

### Repeatable

### Methods of Instruction

### Typical Out of Class Assignments

### Reading Assignments

### Writing, Problem Solving or Performance

### Other (Term projects, research papers, portfolios, etc.)

### Required Materials

### Other materials and-or supplies required of students that contribute to the cost of the course.