Nebraska Wesleyan University

BIO 3440 Developmental Biology

Catalog

2024-2025

Course Description

The study of the entire sequence of developmental changes and processes in animals from fertilization to death. The course will emphasize the principles and major mechanisms regulating morphogenesis and cellular differentiation, particularly during embryonic development. In addition, methods used to study embryonic development will be explored. The laboratory introduces students to techniques and procedures for observing and manipulating animal embryos.
Three lectures per week.
One 3-hour lab per week.
Prerequisite(s): BIO 1400FYW Introduction to Biological Inquiry, BIO 2200 Genetics and Cell Biology and BIO 2300 Ecology and Evolution.

Course Hours

4 hours

Departments

1. Biology