ACADEMIC CATALOG
2026-2027



MIDWAY
UNIVERSITY

Midway University

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Course 2
SCI 405 - Introduction to Biological Research 2

Course

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This course is an introduction to methods of biological research and writing. The topic for a biologically relevant literature review is chosen, a literature search is completed, and a formal literature review is written; a topic may be chosen to prepare a student for a particular research project in BIO 488 but is not required to do so. Prerequisite: Junior standing and a minimum of 12 hours each of biology and chemistry.

Upon completion, students will be able to:

- Demonstrate the ability to identify the major attributes of a research article: objective, hypothesis, controls, results, conclusions.
- Demonstrate the ability to critically evaluate primary literature.
- Demonstrate critical thinking by writing a clear and concise mini review of a biologically relevant scientific topic.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0
Lab hours: 0.0

Restrictions:

- Junior standing and a minimum of 12 hours each of biology and chemistry.

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