BIOL-8: Biology 8

Spring 2026

College of the Redwoods, Del Norte Campus

Course Information

Course: BIOL-8 - Biology 8
Term: Spring 2026
Location: College of the Redwoods, Del Norte Campus
Instructor: Dr. Daniel Ari Friedman

Course Overview

Biology 8 is an introductory course that explores fundamental principles of biology. This course provides students with a comprehensive understanding of life processes, from the cellular level to the ecosystem level.

Course Objectives

Upon completion of this course, students will be able to:

- Understand the characteristics of life and levels of biological organization
- Describe cell structure and function
- Explain basic biological processes and systems
- Apply the scientific method to biological questions
- Analyze biological data and draw conclusions
- Communicate biological concepts effectively

Course Structure

This course is organized into modules, each focusing on specific biological concepts:

- **Module 1**: Introduction to Biology
- **Module 2**: Cell Biology
- **Module 3**: Additional topics as the course progresses

Each module contains: - Lecture materials - Laboratory protocols - Assignments - Study guides

Required Materials

- Course materials provided through Canvas
- Access to laboratory facilities and equipment
- Notebook for laboratory observations and notes

Grading Policy

Grading will be based on:

- Assignments
- Laboratory work and reports
- Quizzes and assessments
- Participation and engagement

Specific grading breakdowns will be provided in each module.

Course Policies

Attendance

Regular attendance is expected. Students are responsible for all material covered in class, even if absent.

Assignments

- Assignments must be submitted by the specified due dates
- Late assignments may be accepted with instructor approval
- All work must be original and properly cited

Laboratory Safety

- Follow all laboratory safety protocols
- Report any accidents or safety concerns immediately
- Proper use of equipment is required

Academic Integrity

All work must be original. Plagiarism and academic dishonesty will not be tolerated and will result in appropriate disciplinary action.

Module Schedule

The course progresses through modules sequentially. Each module builds upon previous concepts and prepares students for advanced topics.

Detailed schedules and due dates are provided in each module's materials.

Communication

Questions and concerns should be directed to the instructor through appropriate channels as established for the course.

Accessibility

Course materials are available in multiple formats (PDF, audio, HTML, text) to accommodate different learning needs. Please contact the instructor if you need additional accommodations.

Additional Resources

Supplementary resources, reference materials, and additional support materials are available in the course resources section.

This syllabus is subject to change with notice. Students will be informed of any modifications.