

# Syllabus for BIOL 8: Human Biology

## Course Information

- Semester and Year: Fall 2025
- Course ID and Section number: BIOL-8-D0261
- Instructor's name: Noah Decker
- Day and time of required meetings: M/W 1:45-4:55 PM
- Location: SCI Lab
- Number of proctored exams: 6
- Course units: 4

## Instructor Contact Information

- Office location: E5
- Office hours: By appointment M/T/W
- Phone number: 707-465-2360
- Email address: noah-decker@redwoods.edu

## Materials:

- Concepts of Biology by OpemStax. <https://openstax.org/details/books/concepts-biology>
- Human Biology by Silvia Mader. ISBN 1265250065

## Catalog Description

A survey of human biology focusing on concepts in cell biology, genetics, anatomy, physiology, disease, and evolution as they relate to the human body. Students apply and evaluate these concepts in laboratory activities that include microscopy, experimentation, and dissection.

## Course Student Learning Outcomes

1. Use the scientific method to design experiments that include data collection and analysis.
2. Describe the structural, metabolic and reproductive characteristics of diverse cell types related to human health, and explain how changes in cell function can be correlated with disease.
3. Relate the structure and function of human organ systems to the maintenance of bodily homeostasis.
4. Describe specific examples of the genetic basis of human anatomy, physiology, behavior and disease, and explain how genetic variation impacts human evolution.

## Course Calendar

Week of	Module	Exams
25-Aug	1	
1-Sep	2	
8-Sep	3	
15-Sep	4	Exam 1
22-Sep	5	
29-Sep	6	
6-Oct	7	Exam 2
13-Oct	8	
20-Oct	9	
27-Oct	10	Exam 3
3-Nov	11	
10-Nov	12	
17-Nov	13	Exam 4
24-Nov	Break	
1-Dec	14	
8-Dec	15	Exam 5
15-Dec	Finals Week	

## Evaluation and Grading Policy

Exams 70%

Lab Book/Lab Worksheets 15%

Quizzes (Announced & Pop) 5%

Worksheets/Projects/Assignments 5%

Attendance/Participation Points 5%

Total Points 100%

## Prerequisites/corequisites/ recommended preparation

None

## Educational Accessibility and Support

College of the Redwoods is committed to providing reasonable accommodations for qualified students who could benefit from additional educational support and services. You may qualify if you have a physical, mental, sensory, or intellectual condition which causes you to struggle academically, including but not limited to:

- Mental health conditions such as depression, anxiety, PTSD, or bipolar disorder
- Common ailments such as arthritis, asthma, diabetes, autoimmune disorders, and diseases
- Temporary impairments such as a broken bone, recovery from significant surgery, or a pregnancy-related disability
- Neurodevelopmental disorders such as a learning disability, intellectual disability, autism, acquired brain injury, or ADHD
- Vision, hearing, or mobility conditions

Available services include extended test time, quiet testing environments, academic assistance and tutoring through the [LIGHT Center](#), counseling and advising, alternate formats of course materials (e.g., audio books, braille, E-texts), assistive technology, learning disability assessments, approval for personal attendants, interpreters, priority registration, on-campus transportation, adaptive physical education and living skills courses, and more. If you believe you might benefit from disability- or health-related services and accommodations, please contact [Student Accessibility Support Services \(SASS\)](#). If you are unsure whether you qualify, please contact Student Accessibility Support Services (SASS) for a consultation: [sass@redwoods.edu](mailto:sass@redwoods.edu).

## SASS office locations and phone numbers

### Eureka campus

- Phone: 707-476-4280
- Location: Learning Resource Center (Library)

### Del Norte campus

- Phone: 707-465-2353
- Location: main building, near the Library

### Klamath-Trinity campus

- Phone: 707-476-4280