



Syllabus for-Biol 1 General Biology

Course Information

Semester & Year: Fall 2023

Course ID & Section #: Biol 1 section: E5548

Instructor's name: Michael Best

Day/Time of required meetings: Lab: Monday 6:05pm-9:15pm Lecture: T/TH 6:05pm-7:30pm

Location: Lecture: HU112 Lab: SC108

Course units: 4 units; 3 Lecture, 1 Lab

Instructor Contact Information

Office Online: Michael Best Zoom Room (Meeting ID: 536 438 6623; Password: 6Zqm73)

<https://redwoods-edu.zoom.us/j/5364386623?pwd=YmtJRlU8zOE1JUExNM2g4dm1jU3RuQT09>

Office hours: By Appointment

Phone number: 315 657 3830

Email address: Michael-Best@Redwoods.edu

Catalog Description

An introductory course in life science dealing with basic biological concepts including molecular and cell biology, metabolism, heredity, evolution, ecology, natural history, and biodiversity.

Course Student Learning Outcomes *(from course outline of record)*

1. Apply the process of science to critically evaluate observable phenomenon.
2. Describe attributes of life and explain how cells fulfill these characteristics.
3. Relate the mechanisms of evolutionary change to the production of biological diversity.

Prerequisites/co-requisites/ recommended preparation

Recommended Prep ENGL 150

Educational Accessibility & 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, bipolar disorder, and ADHD
- 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
- A learning disability (e.g., dyslexia, reading comprehension), intellectual disability, autism, or acquired brain injury
- Vision, hearing, or mobility challenges

Available services include extended test time, quiet testing environments, tutoring, counseling and advising, alternate formats of materials (e.g., audio books, E-texts), assistive technology, on-campus transportation, and more. If you believe you might benefit from disability- or health-related services and accommodations, please contact [Disability Services and Programs for Students \(DSPS\)](#). If you are unsure whether you qualify, please contact DSPS for a consultation: dsps@redwoods.edu.

- Eureka: 707-476-4280, Student Services Building, 1st floor
- Del Norte: 707-465-2324, Main Building, near the library
- Klamath-Trinity: 707-476-4280

Student Support

Good information and clear communication about your needs will help you be successful. Please let your instructor know about any specific challenges or technology limitations that might affect your participation in class. College of the Redwoods wants every student to be successful.



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Instructor: Michael L. Best

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E-mail: Best.Michael.707@Gmail.com

Open Door Policy

I am available for student success office hour before class: M/W 1PM

I am also available by appointment: Ask me how you are doing or what you can do to improve your grade, I am here to Help!

Rights and Responsibilities

Lecture and Lab are intimately related so any missed class days will likely result in a deficit in the required knowledge necessary to continue achieving satisfactory grades. Excessive lateness or absence may result in being dropped from the class. Please ask for permission rather than forgiveness; I am much more forgiving and willing to modify requirements when I am made aware of extenuating circumstances or missed assignments before they occur. Please be communicative with me regarding any aspect of your performance in this course: grades, assignments, expectations, requirements, illnesses, extenuating circumstances, questions, concerns, research interests, or anything else that may be important! I am more than happy to help and guide the learning process in any way that I can but I will need to put aside time to do so and may not be able to help after the fact or with very short notice. Please take advantage of my willingness to help! I am available to chat after class 12-1pm

TEXT

Concepts of Biology OpenStax (<https://openstax.org/details/concepts-biology>)

General Biology Lab Manual Jeff Hogue/Courtney Otto (copies available on Canvas)

Evaluation & Grading Policy

Assignment	Value
Exam # 1	150 points
Exam # 2	150 Points
Exam # 3	150 Points
Exam # 4	150 Points
Final Exam	200 Points
Lab Handouts (14, lowest grade dropped)	130 Points (10 Points each)
Quizzes (13, lowest grade dropped)	120 Points (10 Points each)
Lecture Participation	50 Points
Lab Participation	50 Points
Lowest Exam Grade Dropped	-150 Points
Total Possible Point Accumulation	1000 Points

Final Grade will equal total score (points) divided by 1000; for example: 920 points ÷ 1000 = 92%;
90-100% = A, 80-89% = B, 70-79% = C, 60-69% = D; <60% = F; CR requires a C for passing.

Midterm Exams will not be cumulative and will only include new material. There will be one cumulative final during finals week which will be comprehensive of the entire course. Attendance is a critical requirement of achieving a satisfactory grade. You must not miss lab or exam days, in the event of extenuating circumstances arrangements for make-up assignments must be confirmed with me previous to the occurrence of the missed assignment. Quizzes will be assigned at the beginning of most Lab days and will include some material from the assignment for that day so it is imperative that lab assignments are read entirely before coming to lab for that day. Participation and extra credits will only be provided for students who are proactive and already meeting all course requirements.

Expectations

You are expected to show up to class on time and ready to learn Biology. It is imperative that all reading assignments are completed for the class or lab meeting on that topic to ensure your preparedness in engaging meaningfully in the topic. Please do not disrupt class as it is rude to other students and teacher, takes time away from assignments and impacts everybody's ability to learn. If you or your device(s) create a problem impacting the learning process you and/or the device(s) will be asked to leave class and it will be your responsibility to make up any missed assignments or course components; note: labs, quizzes, or exams will not be allowed to be made up under these circumstances.

Please keep up on reading! Reading the text, lab handouts, completing homework assignments, and engaging meaningfully in lab will ensure your preparedness in performing well on exams. It is often very difficult to catch up on curriculum when the going gets tough. It is much wiser to stay ahead of the work load and be able to rest assured you will be prepared for lecture topics, critical thinking questions, and not only achieve your highest potential grade but also gain the most personal growth.

Fall 2023 Dates

- **August 18th: Last day to register for classes (day before the first class meeting)**
- **August 19th: Classes begin**
- **August 25th: Last day to add a class**
- **September 1st: Last day to drop without a "W" and receive a refund**
- **September 4th: Labor Day Holiday (All Campuses Closed)**
- **September 5th: Census Date (20% of class)**
- **October 26th: Last day to petition to graduate**
- **October 27th: Last day for student initiated withdrawal (62.5% of class)**
- **October 27th: Last day for faculty initiated withdrawal (62.5% of class)**
- **November 11th: Veterans Day (All Campuses Closed)**
- **November 20th-25th: Thanksgiving break (no classes)**
- **November 22nd-24th: No Classes, all campuses closed**
- **December 9th-15th: Final Examinations**
- **December 15th: Last day to file for P/NP option**
- **December 15th: Semester Ends**
- **December 22nd: Grades due**
- **January 5th: Grades available**

Academic dishonesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

Disruptive behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.

Setting Your Preferred Name in Canvas

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact [Admissions & Records](#) to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. This does not change your legal name in our records. See the [Student Information Update form](#).

Canvas Information

Canvas Information

If using Canvas, include navigation instructions, tech support information, what Canvas is used for, and your expectation for how regularly students should check Canvas for your class.

Log into Canvas at [My CR Portal](#)

For help logging in to Canvas, visit [My CR Portal](#).

For help with Canvas once you're logged in, click on the Help icon on the left menu.

For tech help, email its@redwoods.edu or call 707-476-4160

Canvas online orientation workshop: [Canvas Student Orientation Course \(instructure.com\)](#)

Community College Student Health and Wellness

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges [Health & Wellness website](#).

[Wellness Central](#) is a free online health and wellness resource that is available 24/7 in your space at your pace.

Students seeking to request a counseling appointment for academic advising or general counseling can email counseling@redwoods.edu.

Emergency procedures / Everbridge

College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or phones. Registration is not necessary in order to receive emergency alerts. Check to make sure your contact information is up-to-date by logging into WebAdvisor <https://webadvisor.redwoods.edu> and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'

Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions. For more information see the [Redwoods Public Safety Page](#).

In an emergency that requires an evacuation of the building anywhere in the District:

- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus, unless it has been deemed safe by the campus authorities.

Del Norte Campus Emergency Procedures

Please review the [Crescent City campus emergency map](#) for campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information, see the [Redwoods Public Safety Page](#).

Eureka Campus Emergency Procedures

Please review the [campus emergency map](#) for evacuation sites, including the closest site to this classroom (posted by the exit of each room). For more information on Public Safety go to the [CR Police Department- Public Safety](#). It is the responsibility of College of the Redwoods to protect life and property from the effects of emergencies within its own jurisdiction.

In the event of an emergency:

1. Evaluate the impact the emergency has on your activity/operation and take appropriate action.
2. Dial 911, to notify local agency support such as law enforcement or fire services.
3. Notify Public Safety 707-476-4111 and inform them of the situation, with as much relevant information as possible.
4. Public Safety shall relay threat information, warnings, and alerts through the Everbridge emergency alert system, Public address system, and when possible, updates on the college website, to ensure the school community is notified.
5. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet, (evacuation to a safe zone, shelter in place, lockdown, assist others if possible, cooperate with First Responders, etc.).
6. If safe to do so, notify key administrators, departments, and personnel.
7. Do not leave campus, unless it is necessary to preserve life and/or has been deemed safe by the person in command.

Klamath Trinity Campus Emergency Procedures

Please review the responsibilities of, and procedures used by, the College of the Redwoods, Klamath-Trinity Instructional Site (KTIS) to communicate to faculty, staff, students and the general public during an emergency. It is the responsibility of College of the Redwoods, Klamath-Trinity Instructional Site (KTIS) to protect life and property from the effects of emergency situations within its own jurisdiction.

1. In the event of an emergency, communication shall be the responsibility of the district employees on scene.
 - a. Dial 911, to notify local agency support such as law enforcement or fire services.
 - b. If safe to do so, notify key administrators, departments, and personnel.
 - c. If safe to do so, personnel shall relay threat information, warnings, to ensure the school community is notified.
 - d. Contact 530-625-4821 to notify of situation.
 - e. Contact Hoopa Tribal Education Administration office 530-625-4413
 - f. Notify Public Safety 707-476-4111.
2. In the event of an emergency, the responsible district employee on scene will:
 - a. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet.
 - b. Lock all doors and turn off lights if in lockdown due to an active shooter or similar emergency.
 - c. Close all window curtains.
 - d. Get all inside to safe location Kitchen area is best internal location.
 - e. If a police officer or higher official arrives, they will assume command.
 - f. Wait until notice of all is clear before unlocking doors.
 - g. If safe to do so, move to the nearest evacuation point outside building (Pooky's Park), directly behind the Hoopa Tribal Education Building.
 - h. Do not leave site, unless it has been deemed safe by the person in command. Student Support Services (required for online classes)

Student Support Services

The following online resources are available to support your success as a student:

- [CR-Online](#) (Comprehensive information for online students)
- [Library Articles & Databases](#)
- [Canvas help and tutorials](#)
- [Online Student Handbook](#)
- [Online Tutoring Resources](#)

[Counseling](#) offers assistance to students in need of professional counseling services such as crisis counseling.

Learning Resource Center includes the following resources for students

- [Library Services](#) to promote information literacy and provide organized information resources.
- [Multicultural & Diversity Center](#)
- [Academic Support Center](#) – offers tutoring and test proctoring for CR students.
- [Student Tech Help](#) – provides students with assistance around a variety of tech problems.

Special programs are also available for eligible students include

- [Extended Opportunity Programs & Services \(EOPS\)](#) provides services to eligible income disadvantaged students including: textbook award, career academic and personal counseling, school supplies, transportation assistance, tutoring, laptop, calculator and textbook loans, priority registration, graduation cap and gown, workshops, and more!
- The TRiO Student Success Program provides eligible students with a variety of services including trips to 4-year universities, career assessments, and peer mentoring. Students can apply for the program in [Eureka](#) or in [Del Norte](#)
- The [Veteran's Resource Center](#) supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.
- [CalWORKS](#) – assists student parents with children under the age of 18, who are receiving cash assistance (TANF), to become self-sufficient.
- Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821