

GENERAL BIOLOGY EBIO 1210 – FALL 2007

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Course Meets: TR 12:30-1:45 pm (sect. 001) *or* TR 2:00-3:15 pm (sect. 004) in MUEN E050

EBIO 1210 General Biology (Fall 2007): This course is intended for science majors (e.g. Ecology and Evolutionary Biology=EBIO, Psychology, Integrative Physiology, Biochemistry, Anthropology, etc.) and other pre-professional students. EBIO 1210 is a concentrated introduction to biology. For the biology-related majors, this course establishes the foundations upon which many upper division courses will build. The first half of the semester focuses on life's key molecules and cellular processes, and their roles in areas like human health or energy/fuel production. The second half of the semester focuses on genetics and evolution, and current topics related to these important areas. EBIO 1230 (laboratory) is a co-requirement for potential EBIO majors and as specified by your particular major (see your departmental advisor).

Students simply wishing to satisfy the Natural Sciences Core Requirement should enroll in EBIO 1030/1040, which is a lecture/lab course intended for **non-science** majors.

Background: If you feel that you already have a background in biology that is equivalent to the material covered in this course, you can test out of this course by taking the CLEP test. Information on this test is available at the testing center in Willard Hall.

Textbook and *i>clicker*: Campbell and Reese *Biology* (7th Edition). This text is required for the course and is available in the University Bookstore in the UMC and in the Colorado Bookstore on The Hill. If you are buying a new book, look for a copy with a coupon for the clicker. You will need to purchase the university supported *i >clicker* remote, which will allow you to respond to questions posed in class. To register your clicker online, log in to CUConnect (<https://cuconnect.colorado.edu/uPortal/>), and select the courses tab. From there, in the Schedule and Grades section click on the CU Clicker Registration button. In the registration field, enter your clicker ID number (found on the back of your clicker) and click the Register button. You are responsible for bringing your clicker to each class. Registration is also possible through the registration website (<http://www.colorado.edu/CNS/cuclickers/students/register.html>).

Webpage: This course will use the EBIO Homepage (<http://www.colorado.edu/eeb/courses/1210/>) as well as CULearn (see below) to post the syllabus, course policy, study guide and some lecture materials, handouts, exam keys as well as exam grades (grades on CULearn only). You can access CULearn via CUConnect (<http://cuconnect.colorado.edu>). Log in with your CU login name and identikey password; once logged into CUConnect, click on the Courses tab.

Course Requirements: Attendance is expected at lectures. Students are responsible for all information presented in lecture, including the biology discussed as well as handouts, assignments, announcements, etc., regardless of attendance. If book chapters or sections are assigned as required reading, this material, along with all lecture material, is eligible for inclusion in the examinations.

Exams will be based on a combination of lecture and book material. We do not require that you do the problems and self-quizzes at the end of the chapters, but it may be helpful for some students to do them as a means of improving understanding of material.

EXAMINATIONS: There will be four 100 point examinations. Three will be administered during the semester and one exam will be administered during the scheduled final exam time. Exams 1, 2, and 3 will be given on Monday evenings from 6:30-8 PM in the Coors Events Center (Sept. 24, Oct. 22, Nov. 26). You must keep these evenings free, as exams will not be given at other times. The fourth exam will be given at the final exam time scheduled by the University (Monday, December 17, from 7:30-10:00 AM, also in the Coors Events Center). The fourth exam is not cumulative; it will cover only material presented in the last quarter of the semester. **Please make adjustments in your schedule now to accommodate these exam times.** After each exam, materials (questions, answer sheets, scores) will be available on CULearn.

Calculation of total exam score: If you take all 4 of the examinations, the lowest grade will be dropped prior to calculation of your semester average. **THERE WILL BE NO EXCUSED EXAMS:** If you miss an exam during the semester, this will be the score dropped from your semester average. **No special or make-up examinations will be scheduled for any student (but see section on disabilities below). Put all of the exam dates on your calendar at the beginning of the semester!**

Credit for *i>clicker* participation. We will use the clickers as an important mechanism to gauge your understanding of the material, to get immediate feedback from the class, and for practice exam questions. You will receive extra credit for participation (for a maximum of 15 points for participation in 100% of all in class *i>clicker* questions).

Assignment of Grades: NO letter grades will be assigned to the individual exams. Your final grade will be based upon a total of 300 possible points (the sum of your three highest exams out of the four during the semester). We guarantee the following scale based on point totals: A+ to A- = 270-300 pts (90-100%); B+ to B- = 240-269 pts (80-89%); C+ to C- = 210-239 pts (70-79%); D+ to D- = 180-209 pts (60-69%); F = 0-179 pts (less than 60%). Thus, if after all exams you have earned 90% or higher you will receive an A to A-; if you receive 80%-89% you will receive a B+ to B-; etc. However, the actual grade cut-offs are usually more favorable than this point scale would indicate. The cut-offs for the semester are set only after all of the adjusted final scores have been reported from all sections. The disadvantage in this procedure is that it is not possible to predict a final grade for an individual who is on the borderline between grades. We're sorry, but you will just have to wait until all grade scales have been finalized.

Policies: Campus Policies will be enforced and students are expected to be aware of these policies (www.colorado.edu/catalog/). We want to foster a positive learning and working environment and will enforce the relevant policies below (Honor code, classroom behavior, and sexual harassment policy).

Honor Code: All students of the University of Colorado at Boulder are responsible for knowing and adhering to the academic integrity policy of this institution. Violations of this policy include: cheating, aid of academic dishonesty, fabrication, lying, bribery, and threatening behavior. All incidents of academic misconduct will be reported to the Honor Code Council (honor@colorado.edu; 303-725-2273). Students found to be in violation of the academic integrity policy will be subject to both academic sanctions from the faculty member (grade of 0 for cheating on exams, etc.) and non-academic sanctions (including, but not limited to, university probation, suspension, or expulsion). Additional information on the Honor Code can be found on the web (<http://www.colorado.edu/policies/honor.html> and <http://www.colorado.edu/academics/honorcode/>).

Classroom Behavior: We trust that everyone can behave in a civil and courteous manner! Students and faculty each have responsibility for maintaining an appropriate learning environment. Students who fail to adhere to behavioral standards may be subject to disciplinary action. Faculty have the professional responsibility to treat all students with understanding, dignity, and respect, to guide classroom discussion,

and to set reasonable limits on the manner in which students express opinions. See policies at <http://www.colorado.edu/policies/classbehavior.html> and at http://www.colorado.edu/studentaffairs/judicialaffairs/code.html#student_code

Discrimination and Sexual Harassment: The University of Colorado at Boulder Policies on Discrimination and Harassment, on Sexual Harassment, and on Amorous Relationships apply to all students, staff, and faculty. Any student, staff, or faculty member who believes s/he has been the subject of discrimination or harassment based upon race, color, national origin, sex, age, disability, religion, sexual orientation, or veteran status should contact the Office of Discrimination and Harassment (ODH) at 303-492-2127 or the Office of Judicial Affairs at 303-492-5550. Information about the ODH, the above referenced policies, and the campus resources available to assist individuals regarding discrimination or harassment can be obtained at <http://www.colorado.edu/odh>

Special Accommodations

Disability: If you qualify for accommodations because of a disability, please submit a letter from Disability Services to us **within the first four weeks** of the course, so that we have time to find reasonable means of accommodation. Disability Services determines accommodations based on documented disabilities (303-492-8671, Willard 322, www.Colorado.EDU/disabilityservices). You must contact us prior to each exam to ensure that accommodations are arranged.

Religious observances: Campus policy regarding religious observances requires that faculty make every effort to reasonably and fairly deal with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, we will try to accommodate religious conflicts in a reasonable manner. Please check the exam dates at the beginning of the semester to identify possible conflicts. We will accept requests for adjustments during the **first four weeks** of the class. Additional information can be found at http://www.colorado.edu/policies/fac_relig.html