



General Biology II Syllabus BIOL 113.02 • Spring 2012

Credit

- Three semester hours, with concurrent enrollment in General Biology II Lab (BIOL 115) required

When and Where

- MWF 10:00-10:50 AM, Foster Science Building, Rm 417

About Me

- Dr. Rebecca Hunter
- Office: Foster Science Building Rm 479B, Phone: x2182
- Office hours: M 1-4 PM, T 9-12 AM, 1-4 PM, R 9-12 AM
- Email: Rebecca.Hunter@acu.edu
- Please feel free to contact me by email anytime with questions, or to schedule a meeting time outside of my office hours.

Department of Biology Mission

- The Department of Biology educates students for Christian service and leadership by preparing them to become biological scientists, pre-college teachers, and health care professionals.

What You Will Learn in this Class/Prerequisites

- This course provides an introduction to the unity of life from a cellular/molecular perspective. We will also cover genetics and evolution. It is designed for science majors.
- ACT composite score of 22 or above, SAT total of 1110 or above, or a grade of "C" or higher in Biology Human Perspective (BIOL 101) is required as a prerequisite.

What You Need for this Class

- TEXT: Biology, 9th Edition, by Solomon, Berg, & Martin
- iPhone or iTouch

Participation and Attendance

- There is no formal attendance policy, but there are several incentives for you to attend class. We will use iPhones/iTouches in class to answer questions using the ResponseWare system (Go to myACU → Courses → Folder Icon for General Biology II → Class Info → ResponseWare instructions). These questions will only be available in lecture and will be very similar to questions on quizzes/tests. Being in class and participating in these question sessions is critical for exam preparation.
- I will check individual student participation in these question sessions. As long as you have participated throughout a majority of the semester, you will get full participation points. I am checking for participation, not correctness.

0-3 misses	30 points
4-5 misses	23 points
6-7 misses	15 points
8+ misses	0 points

- If I notice that you are frequently absent from class (9+ absences), I will first contact you in an

attempt to remedy the problem, and will next contact the dean and you will be dropped from the course with a withdraw failing (WF) grade. This looks very bad on your transcript, so do everything in your power to avoid this situation.

- I reserve the right to take points off your participation grade if you are distracting in class to me or other students (talking, using your phone in class, sleeping, etc.), and further reserve the right to not let you know I have done this until the end of the semester. If you engage in distracting behavior, you risk lowering your participation grade.

Grades and Exam Policies

- Your grade will be based on in class quizzes, three lecture exams, a final exam, and a participation grade. The final exam is comprehensive!
- Grades will be available on Blackboard (Go to myACU → Courses → Bb Icon for General Biology II)
- There will be 7 quizzes throughout the semester; one of these will be dropped. In class quizzes will be announced ONE lecture period prior to the quiz. Quiz format will be multiple choice, T/F, and matching. You will need a long scantron and #2 pencil for each quiz.
- Make-up quizzes will be given only in exceptional circumstances. I allow one drop quiz to account for quizzes missed due to illness or absence for an unexcused reason. Please talk to me if you think you have an exceptional circumstance necessitating a make-up quiz.
- Tests will cover lecture material (information from the lecture notes and anything more mentioned/covered in class) and will be similar in format to quizzes with the addition of short-medium answer questions. You will need a long scantron for the multiple choice portion of each exam. Students will be given at least one week's notice of major exams.
- Make-up tests will be given only to those who provide prompt (either before the test or by the next class meeting) and documented excuses for 1) illness (with doctor's note), 2) death in immediate family (parents, siblings, grandparents; documentation required), or 3) official university business (with appropriate approvals).
- The final will not be given early to any student for any reason. In order to make-up the final, you must have talked to me BEFORE missing the final so that we can make arrangements; and it must be for one of the three reasons listed above (you must have documentation!!). Under those circumstances, you may take the final late but will receive an incomplete (I) for the semester.

1st Lecture Exam	100 points	(~17%)
2nd Lecture Exam	100 points	(~17%)
3rd Lecture Exam	100 points	(~17%)
Quizzes (20 points/quiz)	120 points	(20%)
Final Exam	150 points	(25%)
Participation	30 points	(5%)
TOTAL	600 points	(100%)

Grading Scale:

A = 90 - 100%	537 - 600 points
B = 80 - 89%	477 - 536 points
C = 70 - 79%	417 - 476 points
D = 60 - 69%	357 - 416 points
F = below 60%	356 and lower

My Recommendations for How to Succeed in this Class

- Powerpoint lectures will be available prior to that lecture being given in class (Go to myACU → Courses → Folder Icon for General Biology II → Class Info → Lecture Folder). Print the lecture notes out, bring them to class and take notes on them during class; anything mentioned in class is fair game for the tests, not just what is printed on the powerpoint slides!!!
- Pay attention and LISTEN during class. For difficult concepts, it may be necessary to

review/reinforce by reading the book.

- Check your email regularly! Email is considered to be an official form of communication by the university, so you are responsible for any information sent via email just as if I had said it in class.

Accommodations

- Any student who may require special accommodations, assistance or awareness on my part is encouraged to make an appointment with me so we can discuss the situation confidentially. The ACU Student Disability Service Office facilitates disability accommodations in cooperation with instructors. In order to receive accommodations, you must be registered with Disability Service and complete a specific request for each class in which you need accommodations. Call x2667 for an appointment with the Director of Disability Services.

Academic Dishonesty

- Cheating on tests or quizzes will automatically result in an F. Furthermore, the incident will be reported to the Department Chair and the Dean and will be subject to the university's established academic dishonesty procedures.

Class Schedule

<u>Week</u>	<u>Date</u>	<u>Topic</u>
1	Jan 18	A View of Life (Ch. 1)
2	Jan 23	Atoms and Molecules (Ch. 2) The Chemistry of Life (Ch. 3)
3	Jan 30	The Chemistry of Life (Ch. 3) Organization of the Cell (Ch. 4)
4	Feb 6	Biological Membranes (Ch. 5) Cell Communication (Ch. 6)
5	Feb 13	Energy and Metabolism (Ch. 7) Energy-releasing Pathways (Ch. 8)
6	Feb 20	Energy-releasing Pathways (Ch. 8) Photosynthesis (Ch. 9)
7	Feb 27	Photosynthesis (Ch. 9)
8	Mar 5	Chromosomes, Mitosis and Meiosis (Ch. 10)
	Mar 12	SPRING BREAK
9	Mar 19	The Basic Principles of Heredity (Ch. 11)
10	Mar 26	DNA (Ch. 12) Gene Expression (Ch. 13)
11	Apr 2	Gene Expression (Ch. 13) Gene Regulation (Ch. 14)
12	Apr 9	Introduction to Darwinian Evolution (Ch. 18)
13	Apr 16	Evolutionary Change in Populations (Ch. 19) Speciation and Macroevolution (Ch. 20)
14	Apr 23	Speciation and Macroevolution (Ch. 20) The Origin and Evolutionary History of Life (Ch. 21)
15	Apr 30	The Evolution of Primates (Ch. 22)

Important Dates

- January 23rd: last day to withdraw with full refund
- February 1st: last day to withdraw from a class with 80% refund
- February 6th: last day to withdraw from a class with 60% refund
- February 17th-18th: Sing Song
- March 12th-16th: Spring Break
- April 6th: Easter Holiday
- April 13th: last day to withdraw from a class

- May 4th: last day of classes
- May 10th: BIOL 113 Final, 10:30 AM -12:30 PM