

Biology 176 - Introductory Biology II
Fall 2013 – Sec 001 (CRN 13359) - T/TH 8:00-9:15 a.m., STB 108

Instructor: Leon E. Hallacher **Phone:** 974-7364 (47364 on campus)
Office: LS-11 **Off. Hrs:** Wed 9:00-11:00 am, by appointment, and
drop in (with drop in, I may not be available).

Email: Because of the volume of email I receive, I may not respond to student email, although you may leave me a message (leonh@hawaii.edu). If you need a response, please call me, see me during office hours, or arrange for an appointment. Thank you.

Required Text: Reece, J. B. et al. 2011. *Campbell Biology, 9th Edition*. Pearson, Benjamin Cummings, 1263 pp, with Mastering Biology supplement.

MB Course ID: MBHALLACHER71690. It is your responsibility to complete on-line Mastering Biology reading quizzes by the assigned deadlines. **Missed quizzes cannot be made up.**

Laulima: Most course materials, including practice test questions, are available on Laulima at <https://laulima.hawaii.edu/> (log on with your UH username and password - your username should be all lowercase)

Grading:

Quizzes on Reading	50 pts (On-line - Mastering Biology)
Exam #1	100 pts. Thur, 19 Sep
Exam #2	100 pts. Thur, 17 Oct
Exam #3	100 pts. Thur, 14 Nov
Final	<u>150 pts.</u> Thurs, 19 Dec, 07:30-9:30 am
Total=	500 pts.

Grade Cutoffs:

A = 92 - 100% of TI Pts (460 - 500 pts)	C+ = 76 - 77%	(380 - 389 pts)
A- = 89 - 91% (445 - 459 pts)	C = 67 - 75%	(335 - 379 pts)
B+ = 87 - 88% (435 - 444 pts)	C- = 60 - 66%	(300 - 334 pts)
B = 80 - 86% (400 - 434 pts)	D = 50 - 59%	(250 - 299 pts)
B- = 78 - 79% (390 - 399 pts)	F = <50%	(0 - 249 pts)

Important Deadlines:

Last day to add class..... Fri, 30 Aug 13 (late add with permission – Fri, 6 Sep 13)
Last day for withdrawal (no W).. Mon, 16 Sep 13
Last day for withdrawal (W)..... Fri, 18 Oct 13
Preadvising for Sp-14 semester...Wed, 20 Nov 13 to Wed, 27 Nov 13

Miscellaneous Procedural Information:

1. Any student with a documented disability who would like to request accommodations should contact the University Disability Services Office - Hale Kuanoe A Wing Lounge, 933-0816 (V), 933-3334 (TTY) uds@hawaii.edu - as early in the semester as possible.
2. The final examination in Biology 176 will only be given at its scheduled time.
3. Makeup examinations only granted for a documented justifiable reason (illness, unavoidable conflict like jury duty, etc). Makeup exams may be essay. See the detailed note in this syllabus.

Lecture Schedule

<u>Day</u>	<u>Date</u>	<u>Topic</u>	<u>Reading</u>
Tu	27 Aug	Introduction	Ch 1
Th	29 Aug	Descent with modification	Ch 22
Tu	3 Sep	Preparation for Chapter 23 Evolution of populations	(253-260; 262-270; 308-316) Ch 23
Th	5 Sep	Evolution of populations	Ch 23
Tu	10 Sep	Origin of species and History of Life	(529-531) & Ch 24
Th	12 Sep	Phylogeny and systematics	Ch 26
Tu	17 Sep	Intro to animal diversity	(514-524) & Ch 32
Th	19 Sep	TEST #1	
Tu	24 Sep	Animal-like protistans (575-585, 589-590, 593-594) Porifera	Ch 33
Th	26 Sep	Cnidarians and coral reefs	Ch 33
Tu	1 Oct	Acoelomates and pseudocoelomates	Ch 33
Th	3 Oct	Mollusca and Annelida	Ch 33
Tu	8 Oct	Arthropoda	Ch 33
Th	10 Oct	Echinodermata and invert chordates	Ch 33 & 34
Tu	15 Oct	Fishes I	Ch 34
Th	17 Oct	TEST #2	
Tu	22 Oct	Fishes II	Ch 34
Th	24 Oct	Amphibians and reptiles	Ch 34
Tu	29 Oct	Birds	Ch 34
Th	31 Oct	Mammals	Ch 34
Tu	5 Nov	Animal form and function	Ch 40
Th	7 Nov	Circulation and gas exchange	Ch 42
Tu	12 Nov	Osmoregulation and excretion	Ch 44
Th	14 Nov	TEST #3	
Tu	19 Nov	Neurons, Synapses, Nervous systems	Chs 48 & 49
Th	21 Nov	Sensory and motor mechanisms	Ch 50
Tu	26 Nov	Ecology and the biosphere	Ch 52
Th	28 Nov	Thanksgiving Holiday	
Tu	3 Dec	Population ecology	Ch 53
Th	5 Dec	Population ecology / Community Ecology	Chs 53 & 54
Tu	10 Dec	Community ecology	Ch 54
Th	12 Dec	Ecosystems / Teaching Evaluations	Ch 55 & 56

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Mastering Biology Assignments (sorted by Due Date)

Missed Assignment CANNOT BE MADE UP.

<u>#</u>	<u>TITLE</u>	<u>TYPE</u>	<u>DUE DATE/TIME</u>	<u>AVAILABILITY TO STUDENTS</u>
1	Introduction to MasteringBiology	Homework	09/17/13 at 08:00am	From:08/27/13 at 12:00am
2	Reading Quiz - Ch 1	Homework	09/17/13 at 08:00am	From:08/27/13 at 12:00am
3	Reading Quiz - Ch 22	Homework	09/17/13 at 08:00am	From:08/27/13 at 12:00am
4	Reading Quiz - Ch 23	Homework	09/17/13 at 08:00am	From:08/27/13 at 12:00am
5	Reading Quiz - pp 253-260, 262-270, 308-316	Homework	09/17/13 at 08:00am	From:08/27/13 at 12:00am
6	Reading Quiz - Ch 24 & pp 529-531	Homework	09/17/13 at 08:00am	From:08/27/13 at 12:00am
7	Reading Quiz - Ch 26	Homework	09/17/13 at 08:00am	From:08/27/13 at 12:00am
8	Reading Quiz - Ch 32 & pp 514-524	Homework	09/17/13 at 08:00am	From:08/27/13 at 12:00am
9	Reading Quiz - Ch 33	Homework	09/24/13 at 08:00am	From:09/19/13 at 10:00am
10	Reading Quiz - Ch 34	Homework	10/10/13 at 08:00am	From:09/19/13 at 10:00am
11	Reading Quiz - Ch 40	Homework	11/05/13 at 08:00am	From:10/17/13 at 10:00am
12	Reading Quiz - Ch 42	Homework	11/07/13 at 08:00am	From:10/17/13 at 10:00am
13	Reading Quiz - Ch 44	Homework	11/12/13 at 08:00am	From:10/17/13 at 10:00am
14	Reading Quiz - Chs 48 & 49	Homework	11/19/13 at 08:00am	From:11/14/13 at 10:00am
15	Reading Quiz - Ch 50	Homework	11/21/13 at 08:00am	From:11/14/13 at 10:00am
16	Reading Quiz - Ch 52	Homework	11/26/13 at 08:00am	From:11/14/13 at 10:00am
17	Reading Quiz - Ch 53	Homework	12/03/13 at 08:00am	From:11/14/13 at 10:00am
18	Reading Quiz - Ch 54	Homework	12/05/13 at 08:00am	From:11/14/13 at 10:00am
19	Reading Quiz - Ch 55 & 56	Homework	12/12/13 at 08:00am	From:11/14/13 at 10:00am

Important Information Regarding the Course Curriculum:

Biology 176 is an **information transfer** course. It will provide you with half of your first-year introduction to biology and is supported by the most widely used introductory biology text in the nation. The course is intended for majors in biology and pre-professional students. It will cover basic biological concepts, terminology, and will review the diversity of animal life. There is a lot of information to learn: terms, structures and their function, taxonomic groupings, and so forth. If you are unwilling to spend the time needed to read the text, learn the material or are unable to commit a lot of factual information to memory, do not take this course.

Biology 176 cannot be used to fulfill the general education natural sciences requirement. Biology 101/101L (General Biology) or Biology 156/156L (Natural History & Conservation of the Hawaiian Islands) are biology courses approved for general education in the natural sciences.

Examination Format and Examination Day Protocol:

Regular examinations consist of 70 multiple choice questions worth 100 points. The final examination consists of 100 multiple choice questions worth 150 points. You will mark your answers on a Pearson Scantron form for machine grading.

The only thing you will need on exam day is a pencil (or two) and an eraser. You may need a calculator for Exam 1 and the Final Exam. Prior to my passing out the exam, everything else must be put away into purses or back packs which will be stowed under your desk area. All electronic devices must be turned off before stowage.

The first row of seats is to be left open for me to seat late arrivals.

Should anybody be caught cheating, they will be asked to surrender their examination papers and leave. They will receive a score of zero for the exam.

Missed Examinations:

It is every student's responsibility to take examinations on their scheduled day and time. This is one of the axioms of university academic life. Under extraordinary circumstances, examinations are occasionally missed. In this class all makeup exams will be given from 6:30 am - 7:45 am on the Tuesday or Thursday following the week of the exam.

Missed examinations can only be made up for a documented reasonable excuse like illness, jury summons/duty and the like. Excuses not deemed reasonable would include over sleeping, missing your bus or ride, having multiple exams on exam day, not being prepared, etc. **Students missing an exam without an acceptable excuse, will get a zero on the missed exam.**

The final examination cannot be made up. If you miss it for a documented reason and you are passing the course, you will be given an Incomplete grade for the course. If you simply miss it or do not give notice in advance for an excused absence, you will given a zero for the final exam.

Classroom Deportment:

The activities listed below, among others, are inappropriate in the classroom because they are potentially distracting/disruptive to other students or to me. Over the last few years, I have personally witnessed them all. Please refrain from engaging in them during class. Thank you.

- Chatting/joking audibly with the person(s) next to you.
- Receiving calls/text messages on a cell phone.
- Carrying on a conversation over a cell phone
- Text messaging with a cell phone.
- Playing games on a cell phone.
- Using a laptop to play games, send messages, or surf the web.
- Listening to your mp3 player
- Sleeping with your head down on the table in front of you.
- Being chronically late to class.
- Chronically leaving the classroom during lecture.

Kilohana:

The Academic Success Center provides academic support opportunities for all UH Hilo students that foster their development into independent, self-motivated learners. Students who visit Kilohana have access to subject-specific and academic skills tutoring from UHH students selected for their academic achievement and dedication to helping others succeed. Kilohana for the sciences is located in STB 117. The main office is located on the lower level of the Mookini Library and on the web at <http://hilo.hawaii.edu/kilohana/>

Academic Advising:

Academic advising is a very important resource designed to help students complete the requirements of the University and their individual majors. Students should consult with their advisor at least once a semester to decide on courses, check progress towards graduation, and discuss career options and other educational opportunities provided by UH Hilo. Advising is a shared responsibility, but students have final responsibility for meeting degree requirements. You can search for your advisor's name at <http://www.uhh.hawaii.edu/studentaffairs/advising/advisors/index.php>.