

Course Information

LS1 Section 1: Introduction to Evolution and Biodiversity

Instructor: Debra Pires
Office Hours: M 11-1 and R 9-11
Schlichter Hall 2877
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Course Website: <http://www.lsic.ucla.edu/classes/>

Text: Biological Science by Scott Freeman 3rd ed.

Lectures: TR 12:30-1:45, LaKretz 110

Lectures will be based on the reading listed in this syllabus. There will be additional examples given in the class that may not be from the text, but are chosen to help in understanding different concepts in the course. Lectures will be posted on the course website the night before so that you can print them out and bring them to class if you choose. If they are not posted by 9 PM the night before I will make copies and they will be given to you before lecture.

Demonstrations: There are ten demonstration sections that you will attend weekly. These are not optional. Each demonstration is two hours long. These demonstration sections are designed to: 1. Help reinforce many of the topics you learn in class, 2. Give you the opportunity to see many of the organisms discussed in lecture, 3. Give you the opportunity to ask questions and think about topics in small groups.

Check your course listing to make sure that you are going to the right demonstration room of which there are two: YH 2343 or SH 2870. You must attend the section in which you are enrolled. If there is an extenuating circumstance and you must attend another section once, then you must discuss this with your TA and the TA of the section you would like to attend. There are no make-up sections

You will be given weekly quizzes on the demonstration material. These quizzes will be administered using the course website on Blackboard. You must take the quiz **BEFORE** you attend your assigned demonstration section. Each quiz is worth 10 points. Demo quizzes will be available beginning Tuesday at 2 PM and ending on Friday at Noon. You will also be given weekly assignments in demo to be turned in the following week. Each assignment will be worth 10 points.

Exams and Review Sessions: We will have a review session before each midterm and the final. Room reservations and review times are still pending and you will be notified in class and via e-mail of the room and time for each review. You have two midterms for the course. Both midterms are held in the evenings, so please plan accordingly. You **must** take the exams at the scheduled time and date as there are no make-up exams. Fail to appear, hand in, or take an exam will result in a zero for that exam. **There are no exceptions to this policy.**

Enrollment: All questions related to enrollment should be taken to the LS Core office in the Life Sciences building room 2305. You can also e-mail them at the following e-mail address: LSCore@lifesci.ucla.edu.

Grading: Material for the exams will be taken from lectures, the text, demonstration sections, assigned readings, and problems that have been discussed in class. Your exams are made up entirely of multiple choice questions. The exams will cover all material up to the exam date, excluding lectures the day of the exam. Grades will follow a straight scale. If the overall class average is below 78% then the overall grades will be

curved. Under no circumstances will grades be curved down. You can use the straight grading scale as an indicator of your minimum grade in the course. All grades will be posted onto the MyUCLA website as soon as they are calculated. An answer key for exams will be posted in the glass cases outside of the Core Office after each exam. You can refer to them if you wish. If you would like to see a copy of your scantron results then you must request a printout from the Core Office. You can pick-up your printout 24 hours after you have made your request.

Midterm 1: Tuesday October 21st 5 – 6:50 PM
Midterm 2: Tuesday November 18th 5 – 6:50 PM
Final Exam: Thursday December 11th 6:30 – 9:30 PM

Reading Quizzes: There will be a quiz administered using Blackboard every Tuesday beginning in Week 2 and ending in Week 9 (see schedule for exact dates). These quizzes are based on the previous week's reading. They are only available for a limited time, you must login and take the quiz before it times out. Reading quizzes are open book, and they are designed to help you look over the material and review what we have covered in the previous week. The course website is: <http://www.lsic.ucla.edu/>

Point Breakdown:

Midterm 1	170
Midterm 2	170
Final Exam	260
Demos	200
Participation*	100
Reading quizzes	<u>100</u>
Total Points	1000

*Includes the use of PRS clickers, and group work from in-class assignments

Academic Dishonesty: My best advice to you is just don't do it!!! If you are caught cheating (e.g. giving answers to someone else, receiving answers from someone else, turning in any written work that is not your own for points, copying passages from websites, you should be getting the idea by now...) on any graded material in the course you will receive a zero as your score for that assignment. In addition, you will be reported immediately to the Dean of Students – NO EXCEPTIONS – for further action.

Week	Date	Topic	Assigned Reading
0	R	The Scientific Method	Ch. 1
1	T R	Evolution and Natural Selection Mechanisms of Evolution	Ch. 24 Ch. 25
2	T R	Speciation Landmarks of Evolution I	Ch. 26 Ch. 27
3	T R	Energy Acquisition Eukaryotes	Ch. 28 Ch. 29
4	T R	Moving to Land Plants and Reproduction	Ch. 30 Ch. 30
5	T R	Fungi and symbiosis Genes and Diversity	Ch. 31 Ch. 32
6	T R	Protostomes Deuterostomes	Ch. 33 Ch. 34
7	T R	Veteran's Day Landmarks of Evolution II	Handout
8	T R	General Ecology Behavioral Ecology	Ch. 50 Ch. 51
9	T R	Population Community Ecology Thanksgiving Holiday	Ch. 52 Ch. 53
10	T R	Biodiversity Conservation	Ch. 54 Ch. 55

Demonstration Schedule

Week 1: Observations and the Scientific Method
 Week 2: Evolution and Natural Selection
 Week 3: The Fossil Record and Natural Selection
 Week 4: The Microbial World
 Week 5: The Photosynthetic World
 Week 6: Botanical Garden
 Week 7: Fungi & Animal Diversity I
 Week 8: Animal Diversity II
 Week 9: Conservation Biology
 Week 10: Animal Diversity III