

BIOSCIENCES II Syllabus
Biology 1413.001,

Fall 2009
Tues., Thurs. 8:a.m.-9:15a.m.
SB 2.02.06.

Instructor: Dr. Jyotsna Sharma, Office BSE 1.652

Phone:210-458-5928 Messages outside area code 210 will not be returned.

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Office Hours: Tu/Th 9:30-10a.m.; Mon/Wed. 9-11a.m. or by appointment

Learning Objectives: This course is an introduction to the science of biology which emphasizes the comparative study of the diversity of life forms. Topics include evolution, plant and animal diversity, plant and physiology and ecology.

Prerequisites: successful completion of Biosciences I or equivalent.

Textbook. Campbell and Reece “Biology” 8th edition.

Date	Chapter	Topic
August 27	1/22	Introduction
Sept. 1	22	Evolutionary biology
3	23	Evolution of Populations
8	24	Origin of Species
10	25	History of Life on Earth
15		EXAM 1
17	26	Phylogeny
22	27	Bacteria and Archaea
24	28	Protists
29		cont'd
Oct. 6	31	Fungi
8	32	Animal Diversity
13		EXAM 2
15	33	Invertebrates
20		cont'd
22	34	Vertebrates
27	29/30	Plant diversity; Evolution of seed plants
29	35	Plant Structure
		<i>(Soph, Jr. Sr.: Last day to drop course and receive automatic 'w')</i>
Nov. 3		EXAM 3
5	36	Plant Transport
10	37	Plant Nutrition
12	38	Plant Reproduction
17	52	Introduction to Ecology
19	53	Population Ecology
24	54	Community Ecology
26		<i>Thanksgiving Holiday</i>
Dec. 1	55	Ecosystems
3	56	Conservation
8-9		STUDENT STUDY DAY
10		FINAL EXAM Thursday 8:00-10:00a.m.

The above outline is subject to change. Students are responsible for all supplementary readings and audiovisual material presented during class.

WebCT may be accessed at: <http://www.utsa.edu>.

The UTSA home page for students also has access to this site and instructions on how to access this course.

Exams There will be 3 mid-term tests and a final exam. Each of the tests will comprise multiple choice questions. Your score for each test will be calculated as a percentage. You must bring an unwrinkled, Parscore P-8000 form (**Form No. X101864**) and **appropriate no. 2 pencil** to all exams.

Grading: Out of 500 (4 tests worth 100 each).

Exam 1	100pts
Exam 2	100pts
Exam 3	100pts
iClickers	50pts
Quizzes on-line	50pts
Final Exam	<u>100pts</u>
Total	500pts

Make-up Exams will be *not* be given under any circumstances. The lowest midterm exam grade is dropped so you may miss one midterm exam with validated excuse. Everyone is strongly encouraged to take all exams. Everyone must take the final exam.

iClicker Questions: Students will be asked questions during the lecture classes and responses will be solicited using electronic “*iClickers*”. Only electronic answers will be accepted. Therefore make sure you come to class armed with a fully-functioning device. The clickers can be purchased at the bookstores, but make sure you get the appropriate brand. The website for registration is <http://www.iclicker.com/registration>. Use your 8-digit student ID without the “@” sign. Students can cooperate in class when determining how they choose to respond to *iClicker* questions. However, a student can only respond using their own device; responding for another student will be considered a case of academic dishonesty and the offending student will receive a grade of zero (0) for the entire *iClicker* grade in the course.

These are open-note, open-book questions on which you can collaborate with neighbors. Each correct *iClicker* question is valued at 1 points. A student can accumulate a maximum of 50 *iClicker* points.

Quizzes on-line. The textbook has an online Mastering Biology quiz/activity website. This is an excellent review of the textbook and lectures. You will be assigned 5 quiz/activity assignments that are worth maximum 50 p

Any instance of **suspected scholastic dishonesty** will be investigated in accordance with the official University policy as described in Part One, Chapter VI, Section 3 of the Regents’ Rules and Regulations. Scholastic dishonesty will result in a grade of “F” and disciplinary action may be taken if appropriate. You will not be allowed to begin an exam after someone has left the room, so please be on time. Also, you will not be allowed to leave the room for any reason while taking the exam. Cell phones, electronic devices and baseball caps will not be allowed on your desks when an exam is in progress. Please bring your university ID to class for verification during exams.

Attendance is not required but you will be responsible for any announcements concerning exams, quizzes, videos, and assigned readings. Please take advantage of the time spent in class to ask questions. You are expected to assist in maintaining a classroom environment that is conducive to learning. To assure that all students have the opportunity to gain from time spent in class, please do not engage in any form of distraction. Inappropriate behavior in the classroom will result, minimally, in a request to leave the classroom. Please turn off volume on pagers, beepers and cell phones during lectures.

You are responsible for maintaining good study habits and monitoring your grades on the exams. Please ask me for assistance from the first day if you find the material difficult to study and understand. There are specific methods that may be used to understand and remember concepts and facts that are covered in class. The first two midterms should give you an indication of your progress in the course. Please contact the Learning Assistance Center for tutoring or arrange to see me.

We hope you enjoy this class and stay with it till the end of the semester.

ADA Compliance: Special Accommodations for Students with a Disability are defined below. The Americans with Disabilities Act of 1990 requires that the university make reasonable accommodation to persons with disabilities as defined in the Act. The University of Texas at San Antonio provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of Disability Services at 458-4157. Please notify the professor of any special accommodations that you may need prior to the end of the second Class Session. (<http://www.utsa.edu/disability/students.htm>).

How to succeed in this course.

You are responsible for maintaining good study habits and monitoring your grades on the exams. Please ask me for assistance from the first day if you find the material difficult to study and understand. There are specific methods that may be used to understand and remember concepts and facts that are covered in class. The first two midterms should give you an indication of your progress in the course. Please contact the Learning Assistance Center for tutoring or arrange to see me.

1. Read the textbook and come to class. Ask questions if something is not clearly explained.
2. The textbook has excellent references with ancillary material of interest to the topics covered in class. The additional vocabulary and questions can help you review the concepts.
3. The videos shown in class support the material covered in lectures and will be tested on.