

# Syllabus for General Biology (Biology 1402.02)

(Fall 2009 Lectures T-Th 9:10 a.m. - 10:25 a.m. SCIE 2.106)

**Instructor:** Dr. Edwards

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**Office Hours:** M-Th 07:30-08:45 a.m. *or by appointment*

**Text:** *Biological Science* by Freeman (3<sup>rd</sup> Edition)

## Tentative Schedule for Lectures and Examinations:

Aug. 31	Biological Diversity and the History of Life (Ch.23-34)
Sept. 1	Biological Diversity and the History of Life (Ch.23-34)
Sept. 3	Biological Diversity and the History of Life (Ch.23-34)
Sept. 8	Biological Diversity and the History of Life (Ch.23-34)
Sept. 10	Biological Diversity and the History of Life (Ch.23-34)
Sept. 15	***EXAM 1***: You must bring to class a ScanTron form and a #2 pencil
Sept. 17	Biological Diversity and the History of Life (Ch.23-34)
Sept. 22	Biological Diversity and the History of Life (Ch.23-34)
Sept. 24	Animal Nutrition (Ch. 43)
Sept. 29	Tentative Study Day –No Lecture due to HESTEC program
Oct. 1	Animal Nutrition (Ch. 43)
Oct. 6	Gas Exchange and Circulation (Ch. 44)
Oct. 8	Gas Exchange and Circulation (Ch. 44)
Oct. 13	Movement and Support (Ch. 46, pgs. 1066-1073)
Oct. 15	***EXAM 2***: You must bring to class a ScanTron form and a #2 pencil
Oct. 20	Homeostasis, Water and Electrolyte Balance (Ch. 41.4, 42)
Oct. 22	Homeostasis, Water and Electrolyte Balance (Ch. 41.4, 42)
Oct. 27	Animal Reproduction (Ch. 48)
Oct. 29	Animal Reproduction (Ch. 48)
Nov. 3	Animal Reproduction (Ch. 48)
Nov. 5	Animal Reproduction (Ch. 48)
Nov. 10	Animal Reproduction (Ch. 48)
Nov. 12	Animal Reproduction (Ch. 48)
Nov. 17	***EXAM 3***: You must bring to class a ScanTron form and a #2 pencil
Nov. 19	Tentative Study Day—No Lectures
Nov. 24	Early Development (Ch. 21)
Nov. 26	Thanksgiving Break—No Classes
Dec. 2	Tentative Study Days—No Lectures
Dec. 3	Animal Sensory Systems (Ch. 46)
Dec. 8	Animal Sensory Systems (Ch. 46)
Dec. 10	Study Days-no classes

**\*\*\*Final Exam\*\*\*Thursday, December 17, 8:00 a.m.-8:50 a.m.**

= EXAM 4: You must bring to class a ScanTron form and a #2 pencil

Each of the 4 exams will be weighted equally and will account for 75% of your course grade. Your laboratory grade will account for the remaining 25% of your grade in this course.

Attendance Policy: **ATTENDANCE IS MANDATORY TO ALL LECTURES**

Phone Policy: **TURN OFF YOUR CELL PHONES DURING CLASS**

Biology Student Learning Outcomes for this course (from the State of Texas Higher Education Board's Exemplary Educational Objectives):

1. To understand and apply method and appropriate technology to the study of natural sciences.
2. To recognize scientific and quantitative methods and the differences between these approaches and other methods of inquiry and to communicate findings, analyses, and interpretation both orally and in writing.
3. To identify and recognize the differences among competing scientific theories.
4. To demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics, values, and public policies.
5. To demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern culture.

This course is also aligned with the THECB Basic Intellectual Competencies to:

1. Establish broad and multiple perspectives on the individual in relationship to the larger society and understand the responsibilities of living in a culturally and ethnically diversified world.
2. Stimulate a capacity to discuss and reflect upon individual, political, economic, and social aspects of life in order to understand ways in which to be a responsible member of society.
3. Recognize the importance of maintaining health and wellness.
4. Develop a capacity to use knowledge of how technology and science affect their lives.
5. Develop personal values for ethical behavior
6. Develop the ability to make aesthetic judgments
7. Use logical reasoning in problem solving
8. Integrate knowledge and understand the interrelationships of the scholarly disciplines

If you have a documented disability which will make it difficult for you to carry out the work as outlined in the syllabus and / or if you need special accommodation / assistance due to a disability, please contact the Office of Services for Persons with Disabilities (OSPD), Emilia Ramirez-Schunior All, Room 1.101 immediately, or the Associate Director at [maureen@utpa.edu](mailto:maureen@utpa.edu), 316-7005. Appropriate arrangements / accommodation can be arranged.

Verification of disability and processing of special service required, such as note takers, extended test time, separate accommodations for testing, will be determined by the OSPD. Please do not assume adjustments / accommodations are impossible. Please consult with the Associate Director, OSPD at 316-7005

### **Important University Dates for Students**

**November 12, 2009, Thursday**

**Last day to drop a course or withdraw through the Office of the Registrar. After this date student remains enrolled in course and receives whatever letter grade is earned.**