

BIO 301M Ecology, Evolution and Society

Fall 2011 (Unique #s 47900-47915)

T-TH 9:30-10:45 a.m. WEL 2.246

Updated 8/28/2011 to include ebook readings

BLACKBOARD (through UTDIRECT) is your reference for all things BIO301M

including the syllabus, reading assignments, schedules, announcements and lecture summaries that can be printed brought to class as a note-taking guide. *A printer is available in ACA 1.124/1.126. (You have 200 pages free.)* **APLIA**, accessed through your textbook's website, contains electronic copies of the book chapters, practice and graded quizzes.

OFFICE HOURS and CONTACT INFORMATION

Dr. Panero: M, W 10:00-11:00 in BIO 101 and by appointment. panero@mail.utexas.edu
(Your e-mails to me **MUST contain the phrase "BIO301M" in the subject line;** e-mail received without that phrase, especially those with a blank subject line, will be DELETED by my e-mail platform automatically without being read.)

Ms. Vanessa Lopes Rivera: F 8:30-10:30 FAC

TEXTBOOK: Biology: The Dynamic Science, Russell 2nd edition

COURSE POLICIES

- ✓ Use of cell phones and laptop computers is strictly forbidden during class.
- ✓ You are responsible for the reading assignments listed on this syllabus.
- ✓ Attendance of your assigned Discussion Sections (*see your registration*) is mandatory.
- ✓ Scholastic Dishonesty (see <http://deanofstudents.utexas.edu/sjs/scholdis.php>) will not be tolerated and will result in disciplinary action. Students must meet the University of Texas' Policy on Academic Integrity (see http://deanofstudents.utexas.edu/sjs/acint_student.php) and Standards of Conduct (see <http://deanofstudents.utexas.edu/sjs/conduct.php>).

Students with disabilities may request academic accommodation (contact 471-6259).

GRADES posted on BLACKBOARD

The DISCUSSION SECTION grade (100 points or 20%), Aplia quizzes (100 pts or 20%) and 3 SEMESTER EXAM grades (100 pts each for a total 300 pts or 60%) comprise the semester grade. A comprehensive FINAL EXAM is optional, but the FINAL EXAM grade, if higher, may be substituted for a lower grade on one semester exam. There is no 'extra credit' in this class. Unannounced lecture quizzes count as extra credit. **Contact your teaching assistant if you have questions about your specific grade(s) during the semester; at the end of the semester questions should be directed to Dr. Panero.**

Letter grades: A 485-500 pts A⁻ 465-484 pts
B⁺ 435-464 pts B 415-434 pts B⁻ 400-414 pts
C⁺ 385-399 pts C 365-384 pts C⁻ 350-364 pts
D⁺ 335-349 pts D 315-334 pts D⁻ 300-314 pts
F 299 pts and below

LECTURE SCHEDULE & READING ASSIGNMENTS

Check APLIA and BB for additional readings to be assigned to complement the text.

25 August	Overview and course objectives
30 August	Life, Chemistry, and Water; Carbon Compounds Read Chapter 2 pages 28-35; Read Chapter 3 Ebook sections 2.3-2.4; all of chapter 3 except 3.1b
1 September	Biological Molecules: The Carbon Compounds of Life Read Chapter 3 except functional groups section Ebook all except 3.1b
6 September	The Cell Read Chapter 5 pages 88-98, 102-103, 108 Ebook 5.1, 5.2, 5.3abce, 5.4ab
8 September	Cell division and Mitosis Read Chapter 10 sections 10.1-10.3, 10.5
13 September	Meiosis Read Chapter 11
15 September	Mendelian Genetics Read Chapter 12
20 September	EXAM 1
22 September	Mendelian Genetics Read Chapter 12
27 September	Development of Evolutionary Thought Read Chapter 19
29 September	Microevolution Read Chapter 20

4 October	Microevolution Read Chapter 20
6 October	Speciation Read Chapter 21
11 October	Paleobiology and Macroevolution Read Chapter 22 sections 22.1-22.5
13 October	Paleobiology and Macroevolution Read Chapter 22 sections 22.1-22.5
18 October	Review Exam 2
20 October	EXAM 2
25 October	Revealing the Tree of Life Read Chapter 23 sections 23.1 and 23.2 and Chapter 24
27 October	The Origin of Life Read Chapter 24
1 November	Population Ecology Read Chapter 50
3 November	Population Ecology Read Chapter 50
8 November	Community Ecology Read Chapter 51
10 November	Ecosystems Read Chapter 52
15 November	Ecosystems Read Chapter 52
17 November	Biodiversity and Conservation Biology Read Chapter 53
22 November	Biodiversity and Conservation Biology Read Chapter 53
24 November	No Class, Thanksgiving holiday
29 November	Review Exam 3
1 December	EXAM

FINAL EXAM To be Announced