

BSC 110 Biology I Syllabus Fall 2006

Robert Turnbull, Instructor

Office: 131-A Office Hours: Mondays 4-6:00pm, Wednesday 1-2:30pm,

Thursdays 11:00am-1:00pm

PHONE 228-214-3332 email Robert.Turnbull@usm.edu or roroule@charter.net

Time: Monday, Wednesday, and Friday 9:00am - 9:50am

Room: SSC Eagle 103

Text: Biology 7th Edition by Campbell and Reece

Wednesday, October 4th is the last day to drop class without academic penalty.

Learning outcomes: BSC 110 and BSC 110L are part of the General Education Curriculum (GEC) of the University. As a consequence, the course will fulfill the following GEC Student Learning outcomes:

- Student will demonstrate the ability to develop and focus on one topic in speaking and writing assignments and present ideas in an organized, logical, and coherent form.
- Student will demonstrate fundamental math skills
- Student will have a good understanding of the scientific method.
- Student will have a good understanding of the basic concepts of biological sciences
- Student will be able to interpret scientific data and reach a plausible conclusion.
- Students will have a good understanding of the techniques used in science.
- Students will demonstrate a basic awareness of current issues and concerns.
- Student will demonstrate the ability to connect course content to real world situations

Grades: There will be 4 examinations. Each exam counts 100 points. Total points = 400.

A – 90%- 100% 360-400 points

B – 80% - 89% 320-359 points

C – 70% - 79% 280-319 points

D – 60% - 69% 240-279 points

F < 60% below 240 points

Accommodation for students with special needs: If a student has a disability that qualifies under the American with disabilities act (ADA) and requires accommodations, she/he should contact the office for disability accommodations (ODA) for information on appropriate policies and procedures. Disabilities covered by ADA may include learning, psychiatric, physical disabilities, or chronic health disorders. Students can contact ODA if they are not certain whether a medical condition/disability qualifies. Address: The University of Southern Mississippi on the Gulf Coast Office of Disability Accommodations 730 East Beach Boulevard Long Beach, MS 39560. Voice Telephone or TTY: (228) 214-3232 or (601)226-6035, Fax: (601)266-6035.

Individuals with hearing impairments can contact ODA using the Mississippi Relay Service at 1-800-582-2233 (TTY) or email Suzy Herbert at Suzanne.herbert@usm.edu.

Academic integrity: Each student in this course is expected to abide by the University of Southern Mississippi Student Handbook. Students are expected to abide by the Code of Student Conduct. Comparison of answers, copying from others or any type of collaboration is not permitted during the examinations because they violate the code and may result in University disciplinary actions: probation, suspension, or expulsion, or all three. You will be requested not to wear any type of hat or caps, and jackets. The instructor reserves the right to request you to show that you have not hidden notes that may distract you or make you fail to abide to Code of Student Conduct. See USM Student Handbook page 75 at <http://www.usm.edu/pubs/studenthandbook/>

Make Up Exams: Make up exams will only be given to students who miss an exam due to extenuating circumstances including, but not limited to, serious illness or death in the family. Missing an exam due to non medical reasons must be approved for by the Instructor prior to the absence. The Instructor must be contacted regarding makeup exams within one week of the absence (or before the absence for non medical reasons). Documentation of the extenuating circumstances (doctor's excuse, for example) must be provided to the instructor before makeup exam will be given. Exams must be made up within one week of returning to class at a time mutually agreeable to student and Instructor. Failure to comply with these policies will result in a zero for the missed exam.

Attendance: Attendance is **strongly encouraged**. You are responsible for any materials or assignments given or announcements made in class.

Extra Credit: I do not give extra credit; don't ask. If you have extra time for extra credit, spend it studying.

BSC 110 Schedule of Topics Fall 2006

Date	Topic	Chapter
23-Aug	Orientation and Introduction	
25-Aug	Exploring life	1
28-Aug	Chemical Context	2
30-Aug	Water	3
1-Sep	Carbon and Molecular Diversity	4
4-Sep	Labor Day Holiday	NA
6-Sep	Macromolecules	5
8-Sep	Review	1-5
11-Sep	Exam I	1-5
13-Sep	The Cell	6
15-Sep	The Cell	6
18-Sep	Membrane Structure	7
20-Sep	Membrane Structure	7
22-Sep	Metabolism	8
25-Sep	Metabolism	8
27-Sep	Respiration	9
29-Sep	Respiration	9
2-Oct	Photosynthesis	10
4-Oct	Photosynthesis	10
6-Oct	Cell Communication	11
9-Oct	Cell Communication	11
11-Oct	Cell Cycle	12
13-Oct	Cell Cycle	12
16-Oct	Review	6-12
18-Oct	Exam II	6-12
20-Oct	Fall Break	NA
23-Oct	Meiosis	13
25-Oct	Mendel and the Gene	14
27-Oct	Mendel and the Gene	14
30-Oct	Chromosomal Basis of Inheritance	15
1-Nov	Chromosomal Basis of Inheritance	15
3-Nov	Molecular Basis of Inheritance	16
6-Nov	Gene to Protein	17
8-Nov	Gene to Protein	17
10-Nov	Genetics of Viruses and Bacteria	18
13-Nov	Eukaryotic Genomes	19
15-Nov	DNA Technology	20
17-Nov	Genetic Basis of Development	21
20-Nov	Review	13-21
22-Nov	Thanksgiving Break	NA
24-Nov	Thanksgiving Break	NA
27-Nov	Exam III	13-21
29-Nov	Descent with Modification	22
1-Dec	Evolution of Populations	23
4-Dec	Origin of Species	24
6-Dec	Phylogeny and Systematics	25

***This is a tentative schedule. Instructor reserves the right to make changes as appropriate.

FINAL EXAM Monday, December 11th 2:00pm-4:30pm

Receipt of Syllabus

I _____, have received a copy of and read the syllabus for
BSC 110, Fall 2006

Signed _____, Date _____