



EAST TENNESSEE STATE
UNIVERSITY

BIOL 1020 – Biology for Non-Majors II

Credits: 4

Section: _____

Term: _____

Location & Meeting Time

Classroom location:

Class Meeting Schedule:

Contact Information

Instructor:

Phone: (423) 439-

Office:

Email:

Instructor Availability

Office Hours:

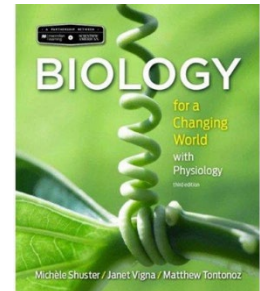
Course Description & Materials

Corequisites: BIOL 1021.

A biology course with laboratory experience in general education. The role of biology in today's society, with an emphasis on current issues in reproduction, growth, genetics, and biotechnology. Three (3) hours of lecture and two hours of lab per week. Students must register for BIOL 1021. A common grade will be given in BIOL 1020/21.

Required Materials

1. Device capable of recording quality digital photographs: This can be a newer cell phone or tablet, or a digital camera, as long as the photos are of good quality and can be electronically saved, imported into documents, and uploaded to the Learning Management System (D2L).
2. Physical Textbook (optional): Scientific American Biology for a Changing World with Physiology 3e, Third Edition, 2018, Michele Shuster, Janet Vigna, Matthew Tontono. Make sure you get the one that says with Physiology! See image at above. ISBN: 1319050581 or Looseleaf textbook ISBN: 9781319154660



Course Overview

Course Purpose and Objectives

This is the second course in a two-course series (although, you may take them in either order) designed to educate students regarding the foundational principles of Biology as it relates to current issues in today's society: human and environmental health, recreation, evolution, and an overall appreciation for ecological conservation efforts. Students will read about current issues, participate in group discussion boards, view power point lectures, and will also participate in home-based hands-on laboratory exercises to increase the breadth of their experiences with each of the major concepts presented

Expected Learning Outcomes

Upon completion of the course, students will be able to:

1. Understand and discuss key principles associated with the ability of living organisms to grow, reproduce, obtain energy, and maintain health, as well as important interactions among organisms and human impacts on ecosystems and the biosphere.
2. Apply these concepts to their own lives and decisions regarding their own health.

Major Course Topics (subject to change)

- Survey of Plant and Animal Cells
- Cell Cycle, Division, and Differentiation
- DNA Structure and Replication
- Mutations and Cancer
- Simple Inheritance and Meiosis
- Natural Selection and Adaptation
- Non-adaptive Evolution and Speciation
- Evidence for Evolution
- Central Nervous System

Course Policies

Attendance policy: varies by instructor

Assignment and Grading

Grading Procedure and Grading Scale:

Your overall grade in this course is based on the number of points you have accumulated throughout the semester out of a possible 1,000 points (see list of assignments and individual point allocations later in this syllabus). Your point total will be divided by 1,000 and multiplied by 100 to give a final percent score, and letter grades will be assigned as follows:

A	92-100%	A-	90 -91%		
B+	88-89%	B	82-87%	B-	80-81%
C+	78-79%	C	72-77%	C-	70-71%

D+ 68-69% D 60-67% F 0-59%

Grading: Your final grade for BIOL 1020 (lecture) and 1021 (lab) are combined into one letter grade representing both courses. This is calculated as 75% lecture grade and 25% lab grade.

Policy on Cheating: Each student must work independently on all exams and any assignments (lab reports). Cheating and/or plagiarizing will result in a score of "0" points for the exam/assignment and may result in an "F" grade for the course. An exam score of "0" due to cheating **cannot** be dropped as a low score - it will be included in the student's final lecture exam grade score. See ETSU policy on Academic Misconduct: <https://www.etsu.edu/students/conduct/>

Special student needs: Students with special circumstances such as disabilities or extraordinary family or health situations should *contact the instructor at the start of the semester* to arrange necessary accommodations. We will work with ETSU Disability Services to arrange for appropriate accommodations. If you feel you have special needs regarding classroom and testing situations you may contact ETSU Disability Services yourself. Disability Services is located in the D.P. Culp Center, Room 326, telephone 439-8346. <http://www.etsu.edu/students/disable/>

Tutoring: The ETSU Center for Academic Achievement (CFAA) offers individual and group tutoring for Biology students. To arrange for online tutoring help, visit their web site: <http://www.etsu.edu/uged/cfaa/learning/>. The CFAA is normally located in the Sherrod Library (main floor, just beyond the Brueghel's Bagel shop).

Other

Syllabus Attachment Information: The University's approved Syllabus Attachment Information page provides information about important University and Academic Policies that all students should know. [Syllabus Attachment Link- Click Here](#)