



SOUTH FLORIDA STATE COLLEGE
Division of Arts and Sciences
COURSE SYLLABUS

Spring Term 2023

BSC 1010C and BSC 1010L –General Biology I, Honors General Biology I

4 credit hours

Welcome to General Biology I – Modern biology has made amazing advances in our understanding of molecular and cellular biology, genetics, biochemistry and evolutionary biology. I welcome you the beginning of your journey in modern biology.

Catalog Description: This course includes the study of the basic principles in biochemistry, cell structure, cellular metabolism, cell reproduction, genetics, molecular biology, and evolution. Recommended for science majors. **Corequisite: BSC 1010L.**

Honors Biology:

Students enrolled in Honors Biology will be required to complete an additional research project/activity during the semester. **Completion of the project/activity will be required to receive a grade for this Biology course.**

Course Specific Outcomes: Upon successful completion of this course, students will be able to:

1. understand basic cellular chemistry;
2. understand basic cell structure;
3. understand basic cell metabolism;
4. understand the basic cell reproduction;
5. understand basic genetics and inheritance;
6. understand the basic molecular biology;
7. understand the theory of evolution and the diversity of life.

Prerequisites: None

Required Course Materials:

Biology, 13th Edition by Mader (Lecture Text and Lab Manual), Instructor notes are available on the course Brightspace site.

Instructional Methods:

Lecture, discussion, and hands-on laboratory experience.

Course Resources:

Class contents are available on the class Brightspace site. It is the students' responsibility to be familiar with handling content on Brightspace. Tutorials for Brightspace are presented in the link below, including which programs for lab report submissions are supported in Brightspace.

<https://panthercentral.southflorida.edu/> . Links to specific course resources will be updated at least weekly if not more frequently.

Course Requirements: Assessments (Exams/Quizzes/Assignments):

Exams, Group Project, Discussions, Lab Attendance and Reports.

Exams and Grades:

The class grade is based on five (5) exams from the lecture material, two (2) exams from the labs, one (1) final comprehensive exam, lab participation, 1 group presentation, 1 research paper, and 5 discussions. The lowest 1 of the 5 lecture and 2 lab exams will be dropped. The first exam missed, regardless of the reason, will count as the lowest exam, i.e. it will be dropped without the opportunity for a makeup. There will be no make up for lab exams. Any additional exams missed may be made up depending on the reason for the absence. The final exam is not comprehensive but is mandatory. Makeup exams must be taken within three days upon returning to class. It is the responsibility of the student to contact the instructor regarding makeup exams. Any student caught cheating will receive an "F" for that exam.

There will **not** be any opportunity to make up a particular laboratory exercise. Failure to turn in a lab report will result in a 0 points for that lab report. BSC 1010 Biology

The highest six (6) out of seven (7) lecture/lab exams will account for 60% of your grade. All of the lecture/lab exams are weighted equally. Final exam will be based on lecture material, will be comprehensive and will account for 15% of your grade. The lab session participation and reports will account for 10% of your grade. All lab sessions will be weighted equally. Group presentations are mandatory and account for 5% of your grade. Coronavirus research paper will account for 5% of your grade. Lastly, Discussion forums on Brightspace class website will account for 10% of your grade. Late submission of any work will be subject to 10% reduction in grade for every school day that it is late, for a maximum of 50% grade reduction.

Grading:

Grading Evaluation/Criteria

Grading percentages for different assignments or exams may vary somewhat for each faculty teaching the course.

Six out of 5 Lecture Exams and 2 Lab Exams: 60%

Final Exam: 15%

Labs: 10%

Group Presentations: 5%

Discussions: 5%

Coronavirus Research Paper: 5%

Grading Scale:

89.5-100%	A
79.5-89.4%	B
69.5-79.4%	C
59.5-69.4%	D
0-59.4%	F