

Biology 1020 Biodiversity Biology Lab
Fall Semester 2020
Biology Department, College of Arts and Sciences
Valdosta State University

Instructor: Braxton Crews

Office: Science Building 2082

Office Hours: Wednesday 12:00pm – 1:00 pm or by appointment

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Course Description:

Bio 1020L Biodiversity Lab

Co-requisite: **Bio 1010.** This course cannot be taken for credit toward the major in biology. An introduction to the diversity of life on earth with a special emphasis on ecological and evolutionary processes and relationships.

Course Objectives: This course is designed to accompany Bio 1010 by presenting exercises that emphasize an introduction to the diversity of life on Earth with a special emphasis on ecological and evolutionary processes and relationships. Students will participate in the process of scientific inquiry by asking scientific questions, developing hypotheses, predicting outcomes of experiments, collecting and interpreting data and drawing conclusions from the results.

Learning Goal: Students will demonstrate understanding of the physical universe and the nature of science, and they will use scientific methods and/or mathematical reasoning and concepts to solve problems.

Materials: The lab manual and text are mandatory.

Lab Manual: Biology 1020L Biodiversity Lab: The Evolution and Diversity of Life by Teresa H. Doscher

It can be purchased at the VSU Bookstore. It is a loose leaf, 3 hole punched manual so you will need to put it in a small 3 ring binder along with some extra loose leaf paper for taking notes.

COVID 19 CHANGES: Due to COVID 19 regulations we are altering the way non-major labs are taught. Only half of the normal number of students can be in the lab at a time. Therefore, each class will be divided into 2 groups (group A and group B). Each group will attend in-person labs on alternating weeks. The weeks that you do not have in-person labs you will have online labs to complete. All of the online labs will be posted on Blazevue. You will be told whether you are in Group A or Group B by the end of the first week of school. Each group has a different schedule which is listed at the end of the syllabus.

Attendance: Attendance in lab is mandatory. **As per University policy; a student who misses more than 20% of the scheduled classes of a course will be subject to receiving a FAILING grade in the course. There will only be six in-person labs and 6 online labs for you to attend/complete. So, if you miss 3 of them (online or in-person) you automatically fail the course.**

If you are 10 minutes late to lab, you will be turned away from the lab. Labs wrmined by laboratory quizzes, laboratory re

participation grades and online labs. Quizzes are given at the beginning of each lab **if you are late to class or miss the class, you will not be able to make up the quiz.** If you miss the class completely, you are responsible for the material covered that class period and you must be prepared for the quiz the following class period.

designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination

Group B Lab Schedule - Biol 1020 Biodiversity Labs

*This is a tentative schedule subject to change at the instructor's discretion.

Week 1 - Introduction, Syllabus, Safety Guidelines

- August 17 - 21**
1. Watch the lecture titled "Biol 1020 Introduction, syllabus, and safety guidelines" on Blazeview.
 2. Complete the Syllabus/Safety quiz on Blazeview.

Week 2 & 3 - Taxonomy and Biomes

August 24 - 28 **ONLINE LAB:** Week 2 & 3