

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

Instructor: Ms. Kenyanna Taylor

Office: Science Building 2025

Office Hours: Monday 1:00pm ±3:00 pm or by appointment

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Room: Science Building 1047

Midterm: October 15, 2020. This is the last day to drop this course and receive a withdrawal grade (W).

Credit Hours: 1

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 Blazeview. 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 will begin on time so if you are late and are not present for instructions and safety issues you will not attend the lab. Also, it is imperative that you attend your regularly scheduled lab. No make-up labs will be allowed due to seating limitations. So, set alerts in your phone or mark your in-person labs on a calendar so you don't miss your in-person labs. You will have a week or more to complete your weekly online labs but we cannot alter the in-person labs.

Grading: Your final grade will be determined by laboratory quizzes, laboratory reports, homework assignments, daily 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.

I will not accept assignments or a lab report from a class that you did not attend. I will not accept any late assignments either. You will receive a daily participation grade for the in-person labs. Therefore, if you are not present you will receive a zero grade for the day.

Final Grades: Final grades are based on the following cumulative point totals. **All grades will be posted on Blazeview. This is a tentative summary of grades for the semester subject to change.**

In-person labs = 10 points each x 6 = 60 points Quizzes and assignments = 125 points Online labs = 10 points each x 6 = 60 points Total = 245 points
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A	90 - 100%	221 - 245 points
B	80 - 89.99%	

designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: Maggie Viverette, Director of the Office of Social Equity, titleix@valosta.edu, 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31608, 229-333-5463.

Extra Help with Coursework

The Academic Support Center (ASC) offers all VSU students free peer tutoring in core curriculum courses, including math, writing (any subject), chemistry, biology, foreign languages and more. Please bring your assignments, textbooks, and homework to tutoring sessions. Also available are free, one-hour seminars for help with study skills, time management

Group A 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

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| August 17 - 21 | <ol style="list-style-type: none">1. Watch the lecture titled "Biol 1020 Introduction, syllabus, and safety guidelines" on Blazeview.2. Complete the Syllabus/Safety quiz on Blazeview. |
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Week 2 & 3 - Taxonomy and Biomes

August 24 - 28	IN-PERSON LAB:	Exercise 1: Taxonomy (pages 1-8)
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Aug. 31 - Sept 4	ONLINE LAB:	Week 2 & 08 r8 r9.5376 41\$ EMC q36.24 665.62 99.144 12.96 reW*
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