

**Biology 1020 Biodiversity Biology Lab**  
**Fall Semester 2015**  
**Biology Department, College of Arts and Sciences**  
**Valdosta State University**

**Instructor:** Mr. James T. Ragan

**Office:** Science Building 2082

**Office Hours:** M 2:00 – 3:15 pm or by appointment

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**Room:** Science Building 1047

**Midterm:** October 8, 2015. 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.

This class will also use the following text. The text is available free online, in a variety of formats, and a print version or mobile app are available to purchase.

**Textbook:** Concepts of Biology from OpenStax College, ISBN 1-938168-11-9,  
<https://openstaxcollege.org/textbooks/concepts-of-biology>

**Attendance:** Attendance in lab is mandatory. **If you do not attend your regular lab section, you must arrange to make-up the lab before the end of the week. This must be in the week the lab is scheduled. 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.** (



**Fall 2015**  
**Biol 1020L Biodiversity Lab Schedule**

\*This is a tentative schedule subject to change at the instructors discretion.

<b>Week</b>	<b>Date</b>	<b>Lab Exercise</b>	<b>Pages</b>
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