

**BIOL 1010 B: The Evolution & Diversity of Life  
FALL 2019 SYLLABUS & COURSE POLICIES**

**Lecture: MWF 11:00 am-11:50 am (BSC 1011)**

**Instructor: Dr. Mark Blackmore**

**Office: Bailey Science Center 2218**

**Office Hours: MW 12-1:00 pm; Tue 2-3 pm; Thur 10-11,  
or by appointment**

**Contact information**

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**Course description: BIOL 1010. Introduction to Biology: The Evolution and Diversity of Life. 3 Hours.**

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.

**Scope & Objectives:** The principal objective of this course is to provide a general understanding of biological processes, organization and diversity for students not majoring in the sciences. Students will be introduced to scientific principles and the methods scientists use to enhance our understanding of the living world. This meets the Learning Outcome Goal for Area D of the Core Curriculum: "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." Mastery of this goal should enable students to interpret and evaluate biological issues that are relevant to their lives.

**Required Text:** *Campbell Biology: Concepts & Connections* by Reece *et al.* 2018. Custom edition (Modified MasteringBiology w/eText for Campbell Biology: Concepts & Connections for Valdosta State University -- Standalone Access Card, 1/e ISBN-13: 9781323766309; ISBN-

account. **Thursday, Oct. 17, is the last day to withdraw without penalty.** Students are advised to consult the VSU Undergraduate Bulletin for policies regarding withdrawals.

**Tentative Schedule – Fall Semester 2019**

| <b><u>Week</u></b> | <b><u>Dates</u></b> | <b><u>Topics</u></b>                              | <b><u>Assigned Reading (Campbell et al.):</u></b> |
|--------------------|---------------------|---|---|
| 1                  | Aug 19 – 23         | Course overview; Biology as a Scientific Endeavor | <b>Chapter 1</b>                                  |
| 2                  | Aug 26 – 30         | Organic Evolution                                 | <b>Chapter 13</b>                                 |
| 3                  | Sept 2              | <b>Labor Day Holiday: No Class</b>                |   |
|                    | Sept 4 – 6          | Origin of Species; Speciation                     | <b>Chapter 14</b>                                 |
| 4                  | Sept 9* – 13        | Tracing Evolutionary History                      | <b>Chapter 15</b>                                 |
| 5                  | Sept 16 – 20        | Introduction to Biodiversity; Start Microbes      | <b>Chapter 15 &amp; 16</b>                        |
| 6                  | Sept 23 – 27        | Prokaryotic Organisms & Protists                  | <b>Chapter 16</b>                                 |
| 7                  | Sept 30** – Oct 4   | Plant & Fungal Diversity                          | <b>Chapter 17</b>                                 |
| 8                  | Oct 7 – 8           | <b>Fall Break: No Class</b>                       |   |
|                    | Oct 9 – 11          | Finish Fungi; Start Zoology                       | <b>Chapter 18</b>                                 |
| 9                  | Oct 14 – 18***      | Continue Invertebrates                            | <b>Chapter 18</b>                                 |
| 10                 | Oct 21 – 25         | Begin Vertebrate Animals                          | <b>Chapter 19</b>                                 |
| 11                 | Oct 28 – Nov 1      | Primate biology; Begin Ecology                    | <b>Chapters 19 &amp; 34</b>                       |
| 12                 | Nov 4 – 8****       | Introduction to the Biosphere                     | <b>Chapter 34</b>                                 |
| 13                 | Nov 11 – 15         |   |   |

Farbar Hall. The phone numbers are 229-245-2498 (V), 229-375-5871. For more information, please visit VSU's Access Office or email: [access@valdosta.edu](mailto:access@valdosta.edu).

**Administration of online Student Opinion of Instruction (SOI):**

At the end of the term, all students will be expected to complete an online Student Opinion of Instruction survey (SOI) that will be available on BANNER. Students will receive an email notification through their VSU email address when the SOI is available (generally at least one week before the end of the term). SOI responses are anonymous to instructors/administrators. Instructors will be able to view only a summary of all responses after they have submitted final grades. While instructors will not be able to view individual responses or to access any of the data until after final grade submission, they will be able to see which students have or have not completed their SOIs. These compliance and non-compliance reports will not be available once instructors are able to access the results. Complete information about the SOIs, including how to access the survey and a timetable for this term is available at SOI Procedures and Timelines (located at <https://www.valdosta.edu/academics/academic-affairs/sois/> under "Information for Students - Directions for Accessing and Completing SOIs").

**Title IX Statement:** Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including sexual ha11.2 (t)-o4 (a)9,bdq.6 (s.1 (i9 ( )JTJ 0 -1.15 re f BT )6.)-4.65o4 (a)9,b-4.7 (ons)-ualtesmcsiO9 ()9.3 x ad10.9