

# Course Syllabus

## General Biology

Spring 2015

SCI Room 115

BIOL 1010 Section 02

CRN # 24872

MWF 11:00pm-11:50pm

3 credits

**Instructor:** Kelsey Gonzalez

**Email:** kgonzalez@dixie.edu

**Office:** SCI 108

**Office hours:** M-10:30-12:00 W-10:30-12:00 F-10:30-12:30 or MWF after class

\*\*If you need to arrange a meeting or require help during any other time, please e-mail me and we will set something up.\*\*

**Text:** *Essential Biology*, Campbell, Reece & Simon

### General Education Course

BIOL 1010 General Biology is an introductory course for non-science majors which stresses fundamental life science principles. It satisfies the General Education requirement for a first biology course but is **NOT** accepted for science majors.

### Course Objectives

After successful completion of this course, the student will be able through testing, written essays, or oral discussion to:

- Understand and explain the fundamental concepts that underlie life, the cell, the genetic basis of life, organismal biology, and ecology.
- Demonstrate knowledge of the process of science including hypothesis testing, basic experimental design, and the use of inductive and deductive reasoning in the formation of testable hypotheses.
- Display a working knowledge of important concepts and terminology that is used in general discussion of biological topics.

- Understand how science is incorporated into daily life, develop a greater appreciation of the natural world, and identify ways to engage in the public discussion of biological issues.

**A tentative schedule is provided.** This schedule may change and the actual chapters covered for a particular exam may change. You must attend class on a regular basis to ensure you are working on the correct material!

**Students needing Accommodations:** “If you are a student with a medical, psychological, or learning disability and would like accommodations or think you might have a disability, contact the Disability Resource Center (652-7516) in the Student Services Center, Room 201. The Disability Resource Center will determine eligibility based on your professional documentation and determine the appropriate accommodations related to your disability.”

**College Withdrawal Policy:** Students may drop or audit courses through Jan. 27<sup>th</sup> without receiving a “W.” Dropping after this time requires approval from the Academic Appeals Committee (forms available in the Advisement Office).

**Writing Center:** See the on-line writing center at: <http://dsc.dixie.edu/owl/> (Links to an external site.).

**Tutoring Center:** Drop-In Tutoring allows students to work on assignments independently while having the opportunity to have tutor assistance when needed. Peer tutors are available Monday through Friday during designated hours. Students are encouraged to visit the Tutoring Center to pick up a *Drop-In Tutoring Schedule* that lists specific times and subjects. (Check the *Drop-In Schedule* regularly because times and subjects offered may change during the course of a semester.) Each time you come in for Drop-In Tutoring, you must present a valid Dixie State University student identification card to the receptionist. The receptionist will sign you in and keep your card until you leave the Tutoring Center.

**Academic integrity:** Plagiarism, or claiming the work of others as your own, is considered cheating. Furthermore if a student is observed looking on another student’s exam, quiz, or assignment; talking to another student during an exam or quiz; using notes or books not authorized for use during an exam or quiz; or in any other manner not observing the “code of conduct” as written in the Dixie College catalog, disciplinary action will be undertaken.

Students are warned that **plagiarism results in a failing grade “F” for the entire course** (if you are unsure what constitutes plagiarism, go to: <http://dsc.dixie.edu/owl/> (Links to an external site.) or see: <http://www.utoronto.ca/writing/plagsep.html> (Links to an external site.) )

#### Course Policy

For the following course policies, exceptions are subject to the instructor’s discretion:

- If a student fails to complete a paper, quiz, or exam on the assigned date, the instructor ***will only*** allow a make-up provided there is a **doctor’s note** stating that the student was too injured or ill to participate on the scheduled date. **If a student is participating in a Dixie State University Official event that conflicts with the schedule, they must see the instructor IN ADVANCE of the assignment date** to arrange an alternative schedule.
- You are in college and will be expected to act as a college student. Disruption or other discipline problems are not tolerated; any person not respecting the rest of the class will be removed.

- **Texting, e-mailing, or phone calls will not be tolerated during class.** All cell phones must be on silent before class starts.
- It is expected that **students will attend each class period.**

**Grading Policy:** There will be 500 points possible for this course. Final grades will not be fit to a curve and will be based on these ranges:

A 93-100%	C+ 77-79.99%	F 0-59.99%
A- 90-92.99%	C 73-76.99%	
B+ 87-89.99%	C- 70-72.99%	
B 83-86.99%	D+ 67-69.99%	
B- 80-82.99%	D 63-66.99%	
	D- 60-62.99%	

### **Points Breakdown**

<u>Assignments</u>	<u>Points Each</u>	<u>Points Possible</u>	<u>% of Grade</u>
Chapter Quizzes (14 total)	15	225	45%
Midterm	100	100	20%
Biology Paper	75	75	15%
Final	100	100	20%
Total		500	100%

**Chapter Quizzes (15):** There will be a chapter quiz following the completion of each chapter (except Chapter 1). Each quiz will consist of 15 questions for a total of 15 points each. At the end of the semester, your lowest scoring quiz will be dropped. Questions will be based on the chapter reading as well as the lecture material and will include any combination of: multiple choice, true/false, short answer, and definitions. Quizzes cannot be made up unless you provide me with a doctor's note.

**Midterm-** The midterm will consist of 100 questions for a total of 100 possible points. It will cover material from both the chapter readings and the lectures from the first half of the semester. You will need a 100-question scantron. The midterm will be given at the TESTING CENTER on the day given in your syllabus. **The midterm cannot be made up!**

**Biology Paper-** This is a 3-page research paper (double-spaced) in which you will write about a significant biological or scientific event that has taken place in the world within the past 12 months. The event can be taken from a newspaper, news source, scientific journal, medical journal, or other professional source. The paper will cover three topics:

- 1) A description of the event you have chosen with location, background information, and current statistics.
- 2) Current proposed solutions or studies pertaining to the event.
- 3) How the event can have a global impact. (This should come from you and your opinion based off your reading and study of the event. Please don't repeat the opinions of news sources unless you can show me your personal thoughts regarding it).

You must include a sources page with your paper that **does not** count toward your 3-page total. Only three people per class will be allowed to cover the same topic so it's wise to select more than one option in case your first choice is taken.

More information on your Biology Paper including specific instructions and grading break-down can be found on the Pages tab under Biology Paper. Please read this carefully.

**Final Exam-** The final **will not be** comprehensive (you're welcome!). It will consist of 100 questions for a total of 100 possible points and will cover material from both the chapter readings and the lectures from the last half of the semester. You will need 100-question scantron. The final will be given IN CLASS on the day and time given in your syllabus. **The final exam cannot be made up!** Double check the final exam date today to ensure you do not create any scheduling conflicts!

**Extra Credit:** Extra Credit may be offered periodically.

### Tentative Class Schedule

<b>WEEK 1</b>	<b>M 1/12</b>	Class Introduction
	<b>W 1/14</b>	Chapter 1
	<b>F 1/16</b>	Chapter 1/Chapter 2
<b>WEEK 2</b>	<b>M 1/19</b>	<b>Holiday- NO CLASS</b>
	<b>W 1/21</b>	Chapter 2
	<b>F 1/23</b>	Chapter 2 Quiz
<b>WEEK 3</b>	<b>M 1/26</b>	Chapter 3
	<b>W 1/28</b>	Chapter 3
	<b>F 1/30</b>	Chapter 3 Quiz
<b>WEEK 4</b>	<b>M 2/2</b>	Chapter 4
	<b>W 2/4</b>	Chapter 4
	<b>F 2/6</b>	Chapter 4 Quiz
<b>WEEK 5</b>	<b>M 2/9</b>	Chapter 5
	<b>W 2/11</b>	Chapter 5
	<b>F 2/13</b>	Chapter 5 Quiz
<b>WEEK 6</b>	<b>M 2/16</b>	<b>Holiday- No Class</b>
	<b>W 2/18</b>	Chapter 6
	<b>F 2/20</b>	Chapter 6
<b>WEEK 7</b>	<b>M 2/23</b>	Chapter 6/ Chapter 6 Quiz
	<b>W 2/25</b>	Chapter 7
	<b>F 2/27</b>	Chapter 7/Chapter 7 Quiz
<b>WEEK 8</b>	<b>M 3/2</b>	<b>Midterm- No Class- Testing Center</b>
	<b>W 3/4</b>	Chapter 8
	<b>F 3/6</b>	Chapter 8/ Chapter 8 take-home Quiz
<b>WEEK 9</b>	<b>M 3/9</b>	<b>Spring Break</b>
	<b>W 3/11</b>	<b>Spring Break</b>
	<b>F 3/13</b>	<b>Spring Break</b>

<b>WEEK 10</b>	<b>M 3/16</b>	Chapter 9
	<b>W 3/18</b>	Chapter 9
	<b>F 3/20</b>	Chapter 9 Quiz/ <b>BIOLOGY PAPER DUE</b>
<b>WEEK 11</b>	<b>M 3/23</b>	Chapter 10
	<b>W 3/25</b>	Chapter 10
	<b>F 3/27</b>	Chapter 10 Quiz
<b>WEEK 12</b>	<b>M 3/30</b>	Chapter 11
	<b>W 4/1</b>	Chapter 12
	<b>F 4/3</b>	Chapter 11/12 Quiz
<b>WEEK 13</b>	<b>M 4/6</b>	Chapter 13
	<b>W 4/8</b>	Chapter 13
	<b>F 4/10</b>	Chapter 13 Quiz
<b>WEEK 14</b>	<b>M 4/13</b>	Chapter 14
	<b>W 4/15</b>	Chapter 14
	<b>F 4/17</b>	Chapter 14 Quiz
<b>WEEK 15</b>	<b>M 4/20</b>	Chapter 15
	<b>W 4/22</b>	Chapter 15
	<b>F 4/24</b>	Chapter 15 Quiz
<b>WEEK 16</b>	<b>M 4/27</b>	Chapter 16
	<b>W 4/29</b>	Chapter 16/ Chapter 17
	<b>F 5/1</b>	Chapter 16/17 Quiz
<b>WEEK 17</b>	<b>M 5/4</b>	<b>Final Exam 10:00-12:00-<u>**IN CLASS**</u></b>