

Spring 2015

General Biology

CRN # 20655

BIOL 1010 Section 01

SCI Room 115

TWR 8am-8: 50am 3 credits

Instructor: Douglas Sainsbury

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Office: SCI 131.

Office hours: MTWRF 9am-11am; 1pm-4pm

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

General Education Course

BIOL 1010 General Biology is an introductory course for non-science majors stressing fundamental life science principles that satisfy the General Education requirement for a first biology course. Not accepted for science majors.

Course Objectives

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

- 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 and appreciate something of the natural world around you and consider ways in which you can engage in the public discussion of biological issues of concern.

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!

University approved absences. Dixie State University Policy explains in detail what needs to happen if you anticipate being absent from class because of a university-sponsored activity (athletic events, club activities, field trips for other classes, etc). Please read this information and follow the instructions carefully! The policy can be found at: <http://www.dixie.edu/humanres/policy/sec5/523.html>

Disability Accommodations. If you suspect or are aware that you have a disability that may affect your success in this course, you are strongly encouraged to contact the Disability Resource Center (DRC) located in the northeast corner of the North Plaza building. The disability will be evaluated and eligible students will receive assistance in obtaining reasonable accommodations. Phone: (435) 652-7516.

Classroom expectations. It is the responsibility of an instructor to manage the classroom environment to ensure a good learning climate for all students. This means that you must refrain from actions such as physical violence, verbal abuse, or harassment; intoxication or illegal drug use; use of profanity;

disrespecting others when expressing their own viewpoints; talking while the instructor or another student is talking; and constant questions or interruptions that interfere with classroom presentation. An instructor may ask you to stop the inappropriate behavior, meet with you after class to discuss the problem, or involve the Dean of Students, the department chair, or campus police if necessary. Students can be removed temporarily or permanently from a course for disrupting the learning environment.

Academic integrity. In order to ensure that the highest standards of academic conduct are promoted and supported at the University, students must adhere to generally accepted standards of academic honesty, including but not limited to, refraining from cheating, plagiarizing, falsification, misrepresentation, and/or inappropriately colluding or collaborating. The University shall consistently hold students accountable for instances of academic dishonesty and apply appropriate consequences. For more information, see the Student Academic Misconduct section of DSU policy at <http://dixie.edu/humanres/policy/sec5/533.html#appeals>

Campus resources. Several campus resources are available to help you succeed. Check out the links for each one to get more information.

If you need help understanding the content of your courses, go to the **Tutoring Center** located on the 4th floor of the Holland Centennial Commons in Room 431. You can visit them online at <http://www.dixie.edu/tutoring/>

If you need help writing papers, essays, etc go to the **Writing Center** on the fourth floor of the Holland Centennial Commons in room 421. You can also visit them online at <http://dixiewritingcenter.com/>

If you are assigned to take a test in the **Testing Center**, go to the North Plaza. You can get information on their website at <http://www.dixie.edu/testing/>

The **Library** has all kinds of information and resources. Visit the Dixie State University Library on the 2nd, and 3rd floors of the Holland Centennial Commons, or go to the library website at <http://library.dixie.edu/>

Grading Policy: There will be 900 points possible for this course. Final grades based on these ranges:

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

Biology Written Assignment-----	50
Test 3 worksheet -----	100
Bio-Tech Written Assignment-----	100
Tests (4 at 100 points each)-----	400
Final-----	150
Total-----	800

Biology Written Assignment: This paper will be a minimum of 3 paragraphs long. In the first paragraph tell me why you are taking this class. The second paragraph explain your relationship with biology, hate it, love it, find it difficult, enjoy the ideas but find it hard to follow, Yada yada yada...! The third paragraph, tell me, what do you hope to get out of this class. NO, not what grade. But what you want to learn from it.

Chapter 3 Worksheet: This worksheet is to help you study for the chapter 3 test, most students struggle with this test because it is after spring break.

Bio-Tech Written Assignment: This paper will be a review of a movie that deals with a Bio-Tech situation. I will hand out a paper with suggested movies to be used, later in the semester. If you have a movie you wish to use not on the list you must approve it with me first.

Extra Credit:

New York Times Written Assignments: This paper will be a one page written review of a science article, found in the New York Times. You can do up to 2 for 15pts each! Science articles are found every Tuesday in the New York Times newspaper in the “Science Times” section. New York Times news stands are found in every building on campus. You can also find articles at www.nytimes.com

Tentative Class Schedule

Tuesday, January 13 th	Introduction and Chapter 1/ Biology Writing Assignment Explanation
Wednesday, January 14 th	Chapter 2
Thursday, January 15 th	Chapter 2

Tuesday, January 20 th	Chapter 3	*Biology Written Assignment Due*
Wednesday, January 21 st	Chapter 3	
Thursday, January 22 nd	Chapter 3	

Tuesday, January 27 th	Chapter 4
Wednesday, January 28 th	Chapter 4
Thursday, January 29 th	Chapter 4

Tuesday, February 3 rd	Test #1
Wednesday, February 4 th	Chapter 5
Thursday, February 5 th	Chapter 5

Tuesday, February 10 th	Chapter 6
Wednesday, February 11 th	Chapter 6
Thursday, February 12 th	Chapter 6

Tuesday, February 17 th	Chapter 7
Wednesday, February 18 th	Chapter 7
Thursday, February 19 th	Test #2

Tuesday, February 24 th	Chapter 8
Wednesday, February 25 th	Chapter 8
Thursday, February 26 th	Chapter 8

Tuesday, March 3 rd	Chapter 9
Wednesday, March 4 th	Chapter 9
Thursday, March 5 th	Chapter 9

Tuesday, March 4 th	No School Spring Break
Wednesday, March 11 th	No School Spring Break
Thursday, March 6 th	No School Spring Break

Tuesday, March 17 th	Chapter 10
Wednesday, March 18 th	Chapter 10
Thursday, March 13 th	Chapter 10 -Test # 3 Worksheet handed out

Tuesday, March 18 th	Chapter 12
Wednesday, March 25 th	Chapter 12
Thursday, March 26 th	Chapter 12 - Bio-Tech paper explanation

Tuesday, March 31 st	Test # 3 *Test #3 Worksheet Due*
Wednesday April, 1 st	Chapter 13
Thursday, April 2 nd	Chapter 13

Tuesday, April 7 th	Chapter 13
Wednesday, April 8 th	Chapter 14
Thursday, April 9 th	Chapter 14 *Bio-Tech paper due*

Tuesday, April 8 th	Chapter 14
Wednesday, April 15 th	Chapter 15 *Take Home Test #4 handed out*
Thursday, April 12 th	Chapter 16

Tuesday, April 15 th	Chapter 16 *Take Home Test #4 Due*
Wednesday, April 22 nd	Chapter 17
Thursday, April 17 th	Chapter 17

Tuesday, April 28 th	Human Evolution Video
Wednesday, April 29 th	Human Evolution Video
Thursday, April 30 th	*No Class- Study Day for Finals*

Thursday, May 7 th	Final Exam 7-9am
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