

General Biology 1010 - 03

Spring 2015

TR 11:00-12:15 pm, Snow Room 125 (3 credits), CRN# 27548

Instructor: Laurie Rasmussen

Email: lrasmussen@dixie.edu – **This is the best way to contact me.**

Office: Room 108 by the fish tank

Office hours: Tuesday and Thursday after class or by appointment

Text: *Essential Biology*, Campbell, Reece & Simon (ISBN 9780321772596)

\$162.25 New, \$125.00 Used (DSU Bookstore)

Final Exam: TBA

General Education Course

You are registered to take my BIOL 1010 course this spring semester. This is to insure you are taking the right biology course. BIOL 1010 is a General Education course that meets the Life Science requirement. It is intended for non- science majors. Therefore if you are not a science major or not seeking pre-health professional schools this course is for you. If you are a Science major including, Biology Major, Chemistry Major, CIS Major or looking to enter a pre-health professional school (Med school, Dental school, PA school, PT school, Pharmacy ect.) you should be enrolled in BIOL 1610 (Principles of Biology I) and its corresponding lab BIOL 1615(Principles of Biology I lab). BIOL 1610 and BIOL 1615 will still count as your General Education Life Science requirement as well as towards your Science Bachelor's degree or your required courses need for acceptance into pre-health professional school. If you have any questions or confused to which course to take please contact **Douglas Sainsbury, The Biology Advisor**, at sainsbu@dixie.edu or 435-879-4282, Office SCI 131.

Course Objectives

After successful completion of this course the student will demonstrate through testing, written assignments, and oral discussions the following goals:

- The student will learn about the cell. The structure, functions, and, processes used to maintain the cell
- The student will know the genetic system of the cell and how it functions to continue life
- The student will know how cellular systems coordinate to maintain the physiological functions of the cell
- The student will study how living organism interact within systems and their environments.
- The student will understand the role of evolution in changing life forms and explain the unity and diversity of life.
- Students will learn to use the scientific method to understand biological phenomena.
- Students will evaluate scientific ideas and information while and be receptive to alternate ideas.
- Students will analyze scientific literature, interpret information and be able to discuss the information.

Important Dates to Remember

Jan 12	Classwork Starts
Jan 15	Last Day for Waitlist
Jan 16	Last Day to Add Without Signature
Jan 19	Martin Luther King Jr. Day
Jan 22	Drop/Audit Fee Begins (\$10 per class)
Jan 22	Residency Application Deadline
Jan 27	\$50 Late Registration/Payment Fee
Feb 2	Spring 2015 Associate's degree Graduation Application Deadline
Feb 2	Pell Grant Census
Feb 2	Last Day for Refund
Feb 2	Last Day to drop without receiving a "W" grade
Feb 4	Courses dropped for non-payment
Feb 6	Last Day to Add/Audit
Feb 16	President's Day
Mar 2	Summer 2015 Bachelor's degree Graduation Application Deadline
Mar 2	Mid-Term Grades Due
Mar 6	Last Day to Drop Individual Class
Mar 9-13	Spring Break
Mar 23	Fall Class schedule available online
Mar 23	Summer Registration open to Seniors (90+ credits)
Mar 24	Summer Registration open to Juniors (60+ credits)
Mar 25	Summer Registration open to Sophomores (30+ credits)
Mar 26	Summer Registration open to all students
Apr 1	Fall 2015 Bachelor's degree Graduation Application Deadline
Apr 10	Last Day for Complete Withdrawal
Apr 13	Fall Registration open to Seniors (90+ credits)
Apr 14	Fall Registration open to Juniors (60+ credits)
Apr 15	Fall Registration open to Sophomores (30+ credits)
Apr 16	Fall Registration open to all students
Apr 29	Classwork Ends
Apr 30	Reading Day
May 1	Final Exams
May 1	Associate's degree Graduation Deadline - Summer 2015
May 4-7	Final Exams
May 8	Commencement

University Policies

DSU POLICIES, PROCEDURES, AND SEMESTER DATES

Use this link - <http://www.dixie.edu/reg/syllabus/> - for comprehensive information on the Semester Dates, the Final Exam Schedule, University resources such as the library, Disability Resource Center, IT

Student Help Desk, Online Writing Lab, Testing Center, Tutoring Center, and Writing Center. In addition, please review DSU policies and statements with regards to Academic Integrity, Disruptive Behavior and Absences related to university functions.

Student Resources

Library – www.library.dixie.edu

Computer Lab – www.dixie.edu/helpdesk/lab_hours.php

Writing Center – www.dixie.edu/english/DSU_writing_center.php

Testing Center – www.dixie.edu/testing

Tutoring Center – www.dixie.edu/tutoring

Disability Policy: If you are a student with a medical, psychological, or learning disability or think you might have a disability and would like accommodations, contact the Disability Resource Center (652-7516) in the North Plaza. The Disability Resource Center (<http://dixie.edu/drcenter/>) will determine eligibility of the student requesting special services and determine the appropriate accommodations related to their disability.

Academic Integrity: Students are expected to complete all coursework, assignments, and tests with full academic integrity. Any work presented by a student must be that student's own work and not the work of another. This includes, but not limited to, any form of plagiarism, copying, or academic misconduct. Cheating in any form can result in a failing grade and further University disciplinary actions. See Student Rights and Responsibilities Code, Policy 5-33 at <http://www.dixie.edu/hamanres/policy/sec5/533.html>.

Dmail: Each student has been issued a University email account. It is the student's responsibility to check their Dmail frequently for important University and coursework announcements and communications. To access your Dmail account, go to www.dixie.edu and select "Dmail" from the left column. To locate your Dmail username and password, go to www.dixie.edu, and click on "log into student services" in the upper right corner.

Attendance: Students are expected to attend all classes. It is the responsibility of the student to know all information presented during class time. It is your responsibility to obtain information from fellow classmates if an absence is inevitable, and that information is not always reliable. Those who will be excused for a University Function, refer to the "Policy for Absences related to University Functions" and follow the procedures there. Arrangements need to be made in advance of tests and assignment deadlines. Make-up work is not allowed following a deadline.

Student Behavior: All students are expected to behave as respectful adults and college students and will be treated as such. Disruptions and discipline problems are not tolerated. The instructor reserves the right to remove you from class and drop you from the course. All cellphones, pagers, and other communications devices are to be silent. Do not accept communications during class. All work is to be handed in at the deadline. Late work loses 10% per day late.

Tests, quizzes, and assignments: The course will consist of five (5) tests, one (1) final, a quiz, and various assignments. Grading will follow a standard percentage grading scale and will not be curved. There will not be extra credit.

Note: This syllabus may be adjusted periodically.

A	93-100%		
A-	90-92.99%		
B+	87-89.99%		
B	83-86.99%		
B-	80-82.99%		
C+	77-79.99%	Tests – (5)	500 pts
C	73-76.99%	Final –	100
C-	70-72.99%	Quiz -	25
D+	67-69.99%	Presentation-	50
D	63-66.99%	Natural Selection-	50
D-	60-62.99%	<u>Assignments (7)</u>	<u>140</u>
F	00-59.99%	Point Total	865pts

Tests will be administered in the testing center, **except** the final exam. You will need a #2 pencil and an 882 scantron. Verify testing center hours for each test. Information can be found at <http://dixie.edu/testing/>. It is your responsibility to get to the center and take the test during the time it is open. There will be an open two day period to complete each test. **Regular class will be held when the tests are open.**

Alternate arrangements for testing will be made only in case of emergency or illness with a doctor's note and may receive a 10% penalty on the test score. In case of illness, notify me before the exam, preferably by email. There will not be make-up exams or retesting in this course. Material will come from lectures and the text. See the tentative schedule for expected exam dates. **Instructor reserves the right to make changes to the schedule depending on the needs of the class.**

There will be one in class quiz. Details will be given during lecture.

Each student will give a 3-5 minute presentation on a current biological issue in the news. Topics and assignment will be explained during class period. Presentation is worth 50 pts.

There will be seven (7) 20 point assignments given during the semester. The First assignment is due the second week of class. Current news stories: Each student will watch the news, look on line, or in the newspaper and make a list of ten current news stories that have to do with any area of biology (any area of life - an example will be given in class). Include the name of the article/story, where you found the story, and a short summary of the article (three to five sentences).

The natural selection assignment will be done in class. An alternate assignment is available for anyone who misses class, but this seems to be a favorite of those who participate in class. This is worth 50 points.

Tentative Class Schedule – May be adjusted periodically as needed

Week	Day	Date	Due Dates	Reading
1	T	13 Jan. 2015		Introduction/Chpt 1-3
	R	15		
2	T	20	Current news stories	
	R	22		
3	T	27	Test Chpt 1-3 (open the 27 th and 28 th)	Chpt 4-7
	R	29		
4	T	3 Feb. 2015	Quiz	
	R	5		
5	T	10		
	R	12	Test chpt 4-7 (open the 12 th and the 13 th)	
6	T	17		Chpt 8 -9
	R	19		
7	T	24		
	R	26	Test chpt 8-9 (open the 26 th and the 27 th)	
8	T	3 Mar. 2015	Presentations	Current Biology News
	R	5		Chpt 10-12
9	T	10	Spring Break – No School	
	R	12		
10	T	17		
	R	19		
11	T	24		
	R	26	Test chpt 10-12 (open the 26 th and 27 th)	
12	T	31		Chpt. 13-17
	R	2 April 2015		
13	T	7	Natural Selection assignment	
	R	9	Natural Selection assignment due	
14	T	14		
	R	16	Test chpt 13-17 (open the 16 th and 17 th)	
15	T	21		Chpt. 18-20
	R	23		
16	T	28		
	R	30		
Finals			Final	Snow 125 (classroom)

