

Biology 1010 Disclosure Document

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Course Description

Welcome to Biology 1010. This course is designed to introduce major themes and concepts of biology, including cell and molecular biology, genetics, diversity, evolution, and ecology. It will provide students with necessary information and skills to critically evaluate what they hear, read, and see in the living world; communicate clearly; and apply methods to interpret data for making informed decisions concerning the role of biology in a world of which they are a part.

This course fulfills the General Education requirement for Biology.

Molecules and cells 25%
Heredity and Evolution 25%
Organisms and Populations 50%

Course Outcomes

Upon successful completion of this course, students will be able to:
Distinguish the process of science from other ways of understanding the world.
Evaluate evidence to solve problems using scientific thinking.
Apply scientific literacy to issues of today, such as evolution, human population growth, genomic medicine, climate change, GMOs, vaccination and disease, ecosystem health and conservation, among others.
Explain evolution as the cornerstone of modern biology, uniting the main topics of cell, molecular biology, genetics, organismal biology, and ecology.
Apply knowledge of the interconnectedness of all life and the environment to personal attitudes and actions concerning the health of this planet.

Materials

Textbook: Campbell, Biology Concepts and Connections 10th edition
Notebook - Spiral bound

Grading Categories

Grades will be calculated using the following scale:

Homework/Ch summaries	20%
Labs/Lab reports	20%
Quizzes	10%
Tests	50%

The points will then be converted to an earned percentage and cast on the grade scale below:

A 94 - 100%	B 84 - 86%	C 74 - 76%	D 64 - 66%
A- 90 - 93%	B- 80 - 83%	C- 70 - 73%	D- 60 - 63%
B+ 87 - 89%	C+ 77 - 79%	D+ 67 - 69%	F 59 & below

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Homework

You can expect to have homework **every day** that this class meets. This is a college level course. You are expected to maintain high standards of performance. Please make sure you have blocked out significant time in your otherwise busy lives to invest in this class. Homework will generally consist of reading assignments, completions of the study guides for each chapter, and essay questions along with any of the activities describe above. Progress will be monitored by taking reading quizzes and periodic tests. Homework that is turned in late will be docked 20%. **Homework will make up 20% of your final grade.**

Labs

There are 12 labs that will be completed during the year. Some of these labs can be done during class time, others may require time outside of class. In addition to this, you will be required to complete a lab report using a format that will be given to you in class. **Labs will make up 20% of your final grade.** The 12 labs are as follows:

Lab 1 Scientific Method	Lab 7 Genetics of Organisms
Lab 2 Biological Macromolecules	Lab 8 Population Genetics
Lab 3 Microscopes and Cells	Lab 9 Natural Selection and evolution
Lab 4 Plant Pigments and Photosynthesis	Lab 10 Classification
Lab 5 Cell Respiration	Lab 11 Animal Behavior
Lab 6 Cell Division	Lab 12 Plant reproduction

Quizzes

Quizzes will be given throughout the year. Quizzes may be announced or unannounced and will be over material recently covered in class. **Quizzes will make up 10% of your final grade.**

Tests

Each unit will end in a test and there will a cumulative end of year final that will cover all of the material covered throughout the year. These tests will be a mixture of multiple choice, short answer, essay, and problem solving type questions. All tests will be taken individually during class time. Should you miss a test, you are expected to make arrangements to take it as soon as you return to school. You will not have the opportunity to retake any tests. Instead, you may rework/correct any missed questions for up to two-thirds credit. **Tests will make up 50% of your final grade.**

Extra Credit:

There is no extra credit in this class.

Attendance

We will adhere to the school wide attendance policy.

Integrity -- Cheating and Plagiarism

Plagiarism or cheating of any kind, including copying from another student or website on exams or assignments will not be tolerated. Penalties for cheating will be imposed in this class. These penalties may range from a warning to a failing grade on an assignment or for the class depending on the severity of the infraction. Integrity will serve you well in this class as well as in life. Please ask me if you are not sure about what constitutes cheating, copying, or plagiarism.

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UVU Policies and Resources

Students who need accommodations because of a disability may contact the UVU Office of Accessibility Services (OAS), located on the Orem Campus in LC 312. To schedule an appointment or to speak with a counselor, call the OAS office at 801-863-8747. Deaf/Hard of Hearing individuals, email nicole.hemmingsen@uvu.edu or text 385-208-2677.

Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a civil rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran's status or genetic information. If you or someone you know has experienced or experiences harassment or sexual assault including, dating and domestic violence, stalking or sexual exploitation, you are encouraged to report it to the Title IX Coordinator in the Office for Equal Opportunity and Affirmative Action, BA-203, (801) 863-7999.

Please be aware that all faculty members and university employees are considered "Responsible Employees" and are required to report incidents of sexual misconduct and relationship violence and thus cannot guarantee confidentiality. Please know that you can seek confidential resources at UVU Student Health Services, SC-221, (801) 863-8876.

Please visit <https://www.uvu.edu/equalopportunity/> for more information.

Dear parent,

I am excited to have your son/daughter in my science class! It would be beneficial to both me and your student if you would please take a moment and read through the disclosure document. Once you have read through the document, please fill out the following form and have your student return this page for credit. Please feel free to contact me with any questions or concerns you may have. Thank you for your time, and I look forward to working with your student this year!

Student Name (Printed) _____ Period _____

I have read and understood the information stated in this disclosure document and agree to abide by the rules and policies stated.

Student Signature: _____ Date _____

Parent Signature: _____ Date _____

Is there anything you would like me to know or anything I can do to help your student succeed? (Please note, you can ALWAYS contact me via e-mail, phone or a visit).