GRAYSON COLLEGE

Course Syllabus

Please Note: Due to extenuating circumstances, including public health issues, course and testing delivery methods, instructional schedules, housing contracts, campus procedures and/or operating hours may be altered, interrupted and/or ceased for a limited or extended period of time. Such changes will be posted on the College website.

Course Information

BIOL 1306 General Biology Lecture and BIOL 1106 General Biology Lab
General Biology I ONLINE lecture and in person labs
Spring 2021
16 week: lab course is online; lecture is online; ALL testing will be online using Respondus Lockdown Browser and Webcam monitor or through testing center by appointment.

Professor Contact Information

Professor name: Patrice Parsons, Ph.D.
Office phone: 903-415-2557
Email: parsonsp@grayson.edu
Office location: Science Building, Room 105B
Office hours: Monday to Thursday, I am on campus from 7:30 to 4:00. I am in class but I can arrange a meeting with you as you need, please call or email me. I am here to serve you. Friday: 7:30 to 2:30pm
Support personnel for Science: Karen Sheffield, 903-463-8797

Course Pre-requisites, Co-requisites, and/or Other Restrictions

Although students must register for a separate course number for lab and lecture, the two "courses" are in fact the same course and are separated for scheduling and reporting reasons. Your final grade is derived from the combination of your lecture and laboratory grades (70/30 respectively). Together the lecture and laboratory satisfy the state core objectives (CS1, CT2, CT3, EQS2, and TW1) and therefore must be taken concurrently.

Concurrent enrollment in a lecture (BIOL 1306) and laboratory section (BIOL 1106) is required.
Prerequisite: College readiness in reading required.

Course Description

BIOL 1306. Biology I. Fundamental principles of living organisms including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included. Laboratory activities will reinforce the knowledge and provide opportunities to practice skills.
Concurrent enrollment in laboratory section (BIOL 1106) is required. Prerequisite: College readiness in reading required. (R)

BIOL 1106. Biology I. This laboratory-based course accompanies Biology 1306, Biology for Science Majors I. Laboratory activities will reinforce the fundamental principles of living organisms, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the

concepts of cytology, reproduction, genetics, and scientific reasoning are included. Concurrent enrollment in lecture section (BIOL 1306) is required. Prerequisite: College readiness in reading required. (R)

State Core Objectives Met in this Combined Lecture and Lab Course:

1. Communication Skills, CS1 – Students will develop, interpret, and express ideas through written communication.
2. Critical Thinking Skills, CT2 – Gather and assess information relevant to a question.
3. Critical Thinking Skills, CT3 – Analyze, Evaluate, and Synthesize Information.
4. Empirical and Quantitative Skills, EQS2 – Students will describe, explain, and predict natural phenomena using the scientific method.
5. Teamwork, TW1 – Students will work cooperatively with their peers and leaders to more effectively solve problems by utilizing insights from multiple perspectives.

Student Learning Outcomes Met in this Lecture and Lab Combined Course
(Student Learning Outcomes will be addressed in the lecture and/or the lab.)

Upon successful completion of this course, students should be able to do the following:
1. Describe the characteristics of life.
2. Explain the methods of inquiry used by scientists.
3. Identify the basic requirements of life and the properties of the major molecules needed for life.
4. Compare and contrast the structures, reproduction, and characteristics of viruses, prokaryotic cells, and eukaryotic cells.
5. Describe the structure of cell membranes and the movement of molecules across a membrane.
6. Identify the substrates, products, and important chemical pathways in metabolism.
7. Identify the principles of inheritance and solve classical genetic problems.
8. Identify the chemical structures, synthesis, and regulation of nucleic acids and proteins.
9. Describe the unity and diversity of life and the evidence for evolution through natural selection.
10. Apply scientific reasoning to investigate questions, and utilize scientific tools such as microscopes and laboratory equipment to collect and analyze data.
11. Use critical thinking and scientific problem-solving to make informed decisions in the laboratory.
12. Communicate effectively the results of investigations.

Textbooks (ISBN # included) and Materials

Lecture Text: *Biology*, 2nd edition by OpenStax College. ISBN-13: 9781506699851
This is a FREE open education resource provided by Rice University, download the text at www.openstaxcollege.org
To access: 1) go to http://cnx.org/content/col11448/latest/ 2) you will see options for the downloading of the text. Select what suits your needs, if you do not know your needs, then download the PDF file.

Laboratory Text *Exploring Biology in the Lab*, 3rd edition, Morton Publishing Company.
ISBN: 9781617317552. This can be purchased through bookstore, (retails at $106.95 new, there should be used copies you can find) or an outside vendor.

Required Assignments & Academic Calendar

In case of inclement weather, emergency closings, or other unforeseen disruptions to scheduled classes, student must log onto their Canvas accounts for directions on where or how to continue their coursework. *This schedule is subject to change with fair notice. You will be notified in your Canvas shell if a change is required.*

Important Dates:
First day of classes:
Census Date
Professional Development Day (no classes)
Spring Break
Last day to drop/withdraw from course:
Final Exams:

Week	Date	Topics, Readings, Assignments, Deadlines
1	LECTURE	**Chapter 1 – The Study of Life** **Chapter 2 – The Chemical Foundation of Life**
	LAB	Introduction to lab policy & lab safety **Lab 1 The Starting Point: Understanding the Scientific Method (suggested) (pp.10-120)** Exercise 1.3 Reinforcing Scientific Skills with Gummy Bears **Lab 2 For Good Measure: Understanding Scientific Notation and the Metric System (pp. 20-26)** begin exploring this as time permits. Recommend exercises 2.2 and 2.3. Consider assigning 2.1 as outside work
2	LECTURE	**Chapter 2 – The Chemical Foundation of Life** **Chapter 3 – Biological Macromolecules**
	LAB	**Continue Lab 2: For Good Measure; Understanding Scientific Notation and the Metric System** (pp. 20-26) if necessary. Postpone microscopy until we do cells. **Lab 4 Back to Basics: Understanding Acids, Bases and pH (pp. 49-56)** Recommended exercises 4.1 and 4.2. *Accompanies information in Chapter 2*
3	LECTURE	**Chapter 3 – Biological Macromolecules** **Chapter 4 – Cell Structure**
	LAB	**Lab 5 The Composition of Living Things: Understanding Organic Molecules (pp. 59-71).** Recommended exercises 5.1 to 5.3 *Accompanies information in Chapter 3* **NOTE: MONDAY labs will have to make this up in another lab during the week**
4	LECTURE	**Chapter 4 – Cell Structure** **Chapter 5 – Structure and Function of Plasma Membranes**
	LAB	**Lab 3 The Invisible World: Understanding Microscopy (pp. 31-40)**. Recommended exercises 3.1 and 3.2 **Lab 6 The Building Blocks of Life: Understanding Cell Structure and Function (pp. 79-94)** Recommended exercises 6.1 to 6.4. Note that we CANNOT use cheek cells. *Accompanies information in Chapter 4*
5	LECTURE	**Lecture Quiz, unit 1 due Lecture Test #1 chapters 1 to 5** **Chapter 6 – Metabolism**
	LAB	**Lab 8 Just Passing Through: Understanding Diffusion and Osmosis (pp. 109-118).** Recommended exercises 8.1 and 8.2. *Accompanies information in Chapter 5*

Week	Date	Topics, Readings, Assignments, Deadlines
		Do the syrup cell and osmosis lab here as well. There is a NEW procedure for 8.1 that looks good if you want to try it. Elodea needs to be ordered for this as well also can use blood
6	LECTURE	**Chapter 7 – Cellular Respiration**
	LAB	**Lab 7 Catalysts for Change: Understanding Enzymes (pp. 97-102).** The process in Exercises 7.1 and 7.2 are similar to the core exercise BUT **This lab will cover the Core Competencies required by the State: critical thinking (CT), written communication, empirical and quantitative skills (ESQ2) and teamwork (TW1) so PLEASE make certain you do the exercises for Core.** *Accompanies information in Chapter 6*
7	LECTURE	**Chapter 8 – Photosynthesis**
	LAB	**Lab 9 From Light to Energy: Understanding Photosynthesis (pp. 129-132).** Recommended exercise 9.3. *Accompanies information in Chapter 8* **Lab 10 Breaking Bond: Understanding Cellular Respiration (pp. 135-144).** Recommended exercises 10.1 to 10.3. *Accompanies information in Chapter 7* **We have been doing a dissolved oxygen protocol here that works well. Kits have to be ordered and pond water has to be collected in advance but it works pretty well.**
8	LECTURE	**Chapter 10 – Cell Reproduction**
	LAB	**Lab Midterm exam, covers all lab exercises so far: Labs 1 to 10**
9	LECTURE	**Chapter 14 – DNA Structure & Function** *have to incorporate some of Chapter 15 somewhere here since it contains transcription*
	LAB	**Lab 11 Out of One, Many: Understanding Cell Division (pp. 147-154).** Recommended exercises 11.1. *Accompanies information in Chapter 10* **Lab 14 Unraveling the Double Helix: Understanding DNA and the Genetic Code (pp. 197-204).** Recommended exercise 14.1. **Protocol in the Openstax text is the one we use. You need to purchase strawberries or kiwi fruit for this Exercise 14.2 could be take home. INTRODUCE DESIGN-o-SAUR PROJECT HERE FOR TAKE HOME** *Accompanies information in Chapters 14 & 15*
10	LECTURE	**Test #2 Chapters 6, 7, 8, 10 and 14 (some of 15), lecture quiz unit 2 is due** **Chapter 11 – Meiosis & Sexual Reproduction**
	LAB	**Lab 12 That's Just the Half of It: Understanding Meiosis (pp. 157-162).** Recommended exercise 12.1. *Accompanies information in Chapter 11* **Lab 13 It's All in the Genes: Understanding Basic Mendelian Genetics (pp. 169-**

Week	Date	Topics, Readings, Assignments, Deadlines
		194). Recommended exercises 13.1 and 13.4 and 13.6. **Optional 13.5 on blood typing, use materials we have for AP2 labs**. *Accompanies information in Chapters 12 & 13.* **Continue the Design-o-Saur Project**
11	LECTURE	**Chapter 12 – Mendel's Experiments & Heredity** **Chapter 13 – Modern Understanding of Inheritance**
	LAB	**Lab 16 Mystery of Mysteries: Understanding Evolution (pp. 219-234).** Recommended exercises 16.1 to 16.5. *Accompanies information in Chapter 18* **Continue the Design-o-Saur Project**
12	LECTURE	**Test #3 Chapters 11 to 13, lecture quiz unit 3 is due** **Chapter 18 – Evolution and the Origin of Species**
	LAB	**Lab 13 It's All in the Genes: Understanding Basic Mendelian Genetics (pp. 173-180).** Recommended exercises 13.2 **and Hardy-Weinberg supplement exercise** *Accompanies information in chapter* **Continue the Design-o-Saur Project**
13	LECTURE	**Chapter 19 – The Evolution of Populations**
	LAB	**FINISH UP Design-o-Saur project**, NABT see hand out from instructor, archived in the Canvas shell for class. Optional: could do owl pellets this week or next week as well Also can catch up here or get ahead for Thanksgiving break with any other materials lecture or lab
14	LECTURE	**Chapter 45 – Population and Community Ecology**
	LAB	**Lab 39 But One Earth: Understanding Basic Ecology (pp. 787-808).** Recommended exercises 39.1 and 39.3 & 39.4. *Accompanies information in Chapters 44 and 46*
15	LECTURE	**Chapter 45 – Population and Community Ecology** **Lecture quiz unit 4, Test #4 Chapters 18, 19 and 45**
	LAB	**LAB FINAL EXAM, not cumulative, covers weeks 9 to 14 will be conducted in room 201 at designated lab times.**
16		**Lecture Final Exams –Unless you have earned an "A' in the course (lecture & lab combined) you will take this exam, it will be offered online according to instructor**

Note: The sequence of instruction may be modified during the semester. Students will receive notification from the instructor of any changes

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Methods of Evaluation

Your final grade will be determined by both lecture and laboratory scores. **Seventy percent (70%) of the final grade will be based on your lecture grade and 30% will be based on your laboratory grade. You will receive the SAME grade in lecture and lab.**

To calculate a final grade in lecture and lab: You take the lecture grade and multiply by 0.70 and the laboratory grade multiplied by 0.30. You add the two resulting numbers together and get the final grade. e.g., you make a 72% average in lecture and an 86% in the laboratory. So you do the following: (0.72*0.70) + (0.86 * 0.30) = final grade. If you perform this equation, you calculate 0.50 + 0.26 = 0.76 or 76% as a final course grade, because your lecture grade contributes more to the final grade than your laboratory grade. This calculated grade will then be reported for BOTH lecture and lab sections to the registrar.

In the lecture portion of the course, there will be four regular tests (100 points each) and a comprehensive final test (*your instructor will advise you on this matter*). The score on the final test may be used to replace the lowest test score (which may be a 0 if the student has missed a test). If a student scores lower on the final test than on all other tests, the final test will not count toward that student's final grade. In addition to the tests, students will be required to participate in other assigned assessments as determined by the instructor.
You can earn 10 points of extra credit, by turning in outlines with each test.

Tests may consist of multiple choice, matching, short answer, fill-in-the-blank, true and false and/or discussion questions.

Categories	**Percentage**
Test 1	20%
Test 2	20%
Test 3	20%
Test 4	20%
Final Test	Replaces lowest test score
Other Assigned Assessments	20%

In the laboratory portion of the course, daily grades will be based largely on quizzes covering the material from the preceding week. Some daily grades may be based on participation in various exercises or on the completion of assignments. **Students will be required to submit a lab report over the core assessment on enzyme activity from week 6.**This grade will not be dropped and should be worth two quiz grades. If students miss their scheduled lab, they must make up the quiz and participate in the lab during some other scheduled lab section that week to receive credit for the lab. Students who miss a lab and do not attend another lab during the same week will receive a "0" for their daily grade that week. The lowest of the daily grades will be dropped. The remaining daily grades will be averaged and will constitute 50% of the laboratory grade.

Students will take two major lab tests. These two tests will each constitute 25% of the laboratory grade.

Quizzes and tests may consist of multiple choice, matching, short answer, fill-in-the-blank, true and false and/or discussion questions.

Categories	**Percentage**
Daily grades	50%
Midterm Test	25%
Final Test	25%

No make-up tests will be given once a test has been returned to the class. **Students MUST inform the instructor BEFORE a test if they will be absent: e-mail the instructor, phone the instructor or phone the Science Department.** Students that are absent for college-related activities (e.g., drama, athletic events) are still required to personally inform the instructor in advance of any absences.

Tests may be taken early as scheduled with the instructor for special circumstances. The date of each test will be announced at least one week prior to the test.

The following grading scale will be used to determine your final grade in the course:

90-100	= A
80-89.99	= B
70-79.99	= C
60-69.99	= D
Below 60	= F

Following each test the grades may be posted in the student's grade book in the course shell on Canvas located on the Grayson website: www.grayson.edu.

Methods of Instruction

Lectures by the instructor will be the main method of instruction. Group work, class discussions, power point presentations, overhead transparencies, skits, models, etc., may also be incorporated to enhance the learning process. Reading assignments may be from the text, other printed material, or from the Internet. Students will be required to use Canvas (an online learning environment) for certain instruction/assignments.

The instructor will give a brief pre-lab lecture. The student will spend the majority of the lab time actively and collaboratively working with a partner or small table group on the current day's exercise(s), while the instructor circulates offering assistance and answering questions.

Computer Hardware and Software Requirements

Students are expected to have a basic understanding of personal computers, internet browsing, desktop applications such as Microsoft Word, Open Office Adobe Acrobat and file management (uploading, downloading, or sending files). Generally, personal computers purchased in the last 3 years should be adequate to access Canvas. Canvas access through mobile devices will work well for all things except EXAMS. Lecture exams will be taken with Respondus Lockdown Browser & Monitor. This means you MUST have a webcam with microphone that functions.

Software requirements include an appropriate and Canvas-friendly browser. This means do NOT use Internet Explorer, use Google Chrome or Mozilla Firefox both are free downloads (http://www.mozilla.org/en-US/firefox/new/), respondus lockdown browser, the latest version of Sun JAVA (www.java.com), the latest updates to your operating system (Microsoft Windows 7.0 (or higher) or Apple MAC OS X or higher), and the latest updates to your anti-virus and spyware protection. If using Microsoft 10 Home "S: mode you need to switch out of this for Canvas use. Please use the following link to help: https://www.howtogeek.com/354057/what-is-windows-10-in-s-mode/#:~:text=What%20is%20S%20Mode%3F,%2C%20speed%2C%20and%20stability%20here.

Students needing assistance with accessing instructional technology should contact the GC Help Desk. For more information, visit www.grayson.edu and under "Directory" tab at the top, select the "Help Desk". Internet students should take full advantage of services provided.

Course & Instructor Policies

Class Attendance and Participation:

Academic success is closely associated with regular classroom attendance and course participation.
All successful students, whether on campus or online, are expected to be self-motivated.
All students are required to participate in courses regularly and are obliged to participate in class activities and complete and submit assignments following their professors' instructions.

Students taking courses during compressed semester time frames such as mini-mester, summer sessions, and mid-semester should plan to spend significantly more time per week on the course. Responsibility for work missed because of illness or school business is placed upon the student. More than two (2) absences are considered to be excessive. In addition, students' eligibility to receive financial aid or live in a College dormitory can be affected by withdrawal from courses. When withdrawal occurs, any tuition refund would be made in accordance with state regulations.

In order for students to be counted as having attended a class before the census date, the following guidelines are to be used:
• Physical attendance in class with an opportunity for instructor and student interaction
• Submission of an academic assignment• Completion of an exam, interactive tutorial, or computer-assisted instruction
• Attendance at a study group assigned by the faculty
• Participation in an online discussion in the class
• Contact with a faculty member to ask a question relevant to the coursework or assignment

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Student Conduct & Discipline

Online Instruction Requirements:
Communication should be through Canvas INBOX. I will establish groups from the lab sections that will allow you to interact with other group members through Canvas. You have access to classmates through inbox as well. Correspondence with students and instructor should be courteous and respectful. If there are any complaints about fellow students, please contact me through Canvas Inbox and describe the situation and people involved. If it is a straight forward conflict, difference of opinion or motivational issue with the group. I will look to resolve this quickly and may need to change group members. If the problem is more serious, I may need to involve the chairperson, dean and vice president of instruction. If it is a potential violation of Title IX, I will refer the incident to the coordinators. Please feel free to report any problems that you think will interfere with your success in this course.

While there is no "participation grade" in the course, you are expected to participate in the quizzes, kahoot challenges and discussions that arise. I will check your online activity and practice quizzes to ensure that you are taking advantage of the materials. During lecture tests you will use a webcam with a functioning microphone to ensure academic integrity. I will be able to view video and listen to audio after the test is completed, if there is a problem or concern. If you do not have a webcam, you will be able to take the test at the testing center by appointment.

If you have computer/internet problems, it is your responsibility to locate another computer/location to complete the course work for lecture and lab. Grayson College has several areas that have computers available for you to use. There is an open computer lab available for GC students during the regular operating hours of the GC Library. Library hours are Monday through Friday 8:00a.m. to 5:00p.m. One example of an alternant location would be public libraries that usually have community computers with high speed internet that are free to use.

Please do not wait until the last minute to submit assignments and to take exams! Allow enough time before the due date to submit your assignments/discussions. Should there be a technical problem, immediately notify the instructor via Canvas Inbox. Alternative arrangements, if permitted, will be discussed at that time. You may always submit photos and files as attachments through Canvas Inbox if necessary. File uploads can be pdf, doc, docx, txt, rtf or odt.

Classroom Behavior (virtual):

Students are expected to maintain classroom decorum that includes respect for other students and the instructor, prompt and regular attendance and an attitude that seeks to take full advantage of the educational opportunity.

Phone/electronic device Policy
All phones and other electronic devices must be turned off before entering the classroom. Text messaging is not permitted during class. If you have an emergency and need to take a call during class, you must inform the instructor before the beginning of class. Turn your ringer to vibrate, and when your call comes in, pick up your belongings and leave the classroom. You may return the next time the class meets.

Defacing College Property
Anyone caught defacing property in the lecture or lab will be responsible for cleaning, repairing or replacing the defaced property. The individual will also receive a zero (0) for the current lab assignment. Defacing property includes, but is not limited to, writing, marking or scratching on the tables, tabletops, chairs, cabinets, counter tops, shelving or walls.

Academic Integrity

The faculty expects from its students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work.

Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. . Plagiarism, especially from the web, from portions of papers for other classes, and from any other source is unacceptable and will be dealt with under the college's policy on plagiarism (see GC Student Handbook for details). Grayson College subscribes to turnitin.com, which allows faculty to search the web and identify plagiarized material.

Plagiarism is a form of scholastic dishonesty involving the theft of or fraudulent representation of someone else's ideas or words as the student's original work. Plagiarism can be intentional/deliberate or unintentional/accidental. Unintentional/Accidental plagiarism may include *minor* instances where an attempt to acknowledge the source exists but is incorrect or insufficient. Deliberate/Intentional plagiarism violates a student's academic integrity and exists in the following forms:

- Turning in someone else's work as the student's own (such as buying a paper and submitting it, exchanging papers or collaborating on a paper with someone else without permission, or paying someone else to write or translate a paper),
- Recycling in whole or in part previously submitted or published work or concurrently submitting the same written work where the expectation for current original work exists, including agreeing to write or sell one's own work to someone else,
- Quoting or copy/pasting phrases of three words or more from someone else without citation,
- Paraphrasing ideas without citation or paraphrasing incompletely, with or without correct citation, where the material too closely matches the wording or structure of the original,
- Submitting an assignment with a majority of quoted or paraphrased material from other sources, even if correctly cited, when original work from the student is expected,
- Copying images or media and inserting them into a presentation or video without citation,
- Using copyrighted soundtracks or video and inserting them into a presentation or video without citation,
- Giving incorrect or nonexistent source information or inventing source information,
- Performing a copyrighted piece of music in a public setting without permission,
- Composing music based heavily on someone else's musical composition.

Science Department Policy
Any instance of a) plagiarism b) collusion c) cheating or d) falsifying records, will result in a "0" for the assignment. The "0" assigned for cheating cannot be dropped or replaced by another grade when calculating the final course average.

Student Responsibility
You have already made the decision to go to college; now the follow-up decisions on whether to commit to doing the work could very well determine whether you end up working at a good paying job in a field you enjoy or working at minimum wage for the rest of your life. Education involves a partnership that requires both students and instructors to do their parts. By entering into this partnership, you have a responsibility to show up for class, do the assignments and reading, be engaged and pay attention in class, follow directions, and put your best effort into it. You will get out of your experience here exactly what you put into it – nothing more and nothing less.

Student Resources & Information

Student Needs Services:
The goal of Needs Services (disabilities and accommodations) is to provide students with educational opportunities when they have some exceptional situation that requires additional support. Needs Services is located on the second floor of the NEW Student Success Center.

The contact information for administrator of the services is:
Jeffri Hodge
(903) 463-8751 (voice or TTY)
hodgej@grayson.edu

It is the student's responsibility to notify his or her professors of the need for any accommodations. Needs Services provides students with letters to present to faculty members to verify that the student has a disability and needs accommodations. Individuals requiring special accommodation should contact the professor after class or during office hours.

Tutoring:
This is a FREE service provided by the Student Success Center and administered by Jeffri Hodge as well. To schedule tutoring services, login to https://grayson.upswing.io Click "Meet with a tutor" and search course or by tutor's name. There are face to face appointments that can be made here as well. Note: we are ALWAYS looking for tutors, so please talk to your instructor if you are interested in helping other students with their studies and getting paid.

Withdrawing or Dropping the Course:
Students need to initiate this process. Instructors should be consulted and typically sign the drop form. Instructors have set office hours for providing these services. Please check with your instructor and make an appointment for consultation. If you wait until the last drop date in the semester, you or your instructor may be unable to complete the request to the college. If the request is incomplete, you will remain in the course and receive a grade.

TITLE IX
GC policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status.

Furthermore, Title IX prohibits sex discrimination to include sexual misconduct: sexual violence (sexual assault, rape), sexual harassment and retaliation.

For more information on Title IX, please contact:

Dr. Molly M. Harris, Title IX Coordinator (903)463-8714
Ms. Logan Maxwell, Title IX Deputy Coordinator - South Campus (903) 415-2646

Mr. Mike McBrayer, Title IX Deputy Coordinator - Main Campus (903) 463-8753
Website: http://www.grayson.edu/campus-life/campus-police/title-ix-policies.html
GC Police Department: (903) 463-8777- Main Campus) (903) 415-2501 - South Campus)
GC Counseling Center: (903) 463-8730
For Any On-campus Emergencies: 911

Grayson College is not responsible for illness/injury that occurs during the normal course of classroom/lab/clinical experiences.

These descriptions and timelines are subject to change at the discretion of the Professor.

Grayson College campus-wide student policies may be found on our Current Student Page on our website:
https://www.grayson.edu/currentstudents/Academic%20Resources/index.html

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Laboratory Safety Guidelines

Safety is our number one priority. To that end these are the laboratory safety guidelines:

1. Locate safety equipment: know where to find exit(s), fire extinguisher, and first aid kit. Know how to use the safety equipment.

2. Do not eat or drink in the laboratory.

3. Students should wear appropriate attire for laboratory work. Students cannot wear open toed shoes, e.g., sandals, "flip-flops"

4. Monitor risk: inform the instructor if you are pregnant, taking immunosuppressive medicines, or have any medical condition that might require special precautions in the lab, such as medications that would influence your response or reflex time. Under NO circumstances should you attend a lab session while "under the influence" of any chemical substance.

5. Avoid spills: place liquids toward the center of the bench, away from the edges.

6. Labels: read labels carefully before removing substances from containers. Properly label glassware before use.

7. Mouth pipetting is prohibited, use mechanical pipetting devices.

8. Dissection: use care at all times when handling sharp dissection tools. Wear disposable gloves when dissecting preserved materials. Cover open cuts with a bandage before donning gloves. Do not touch face or eyes while wearing soiled gloves, and wash hands immediately after gloves are removed.

9. Discard used chemicals and materials into appropriately labeled containers, do not dispose of them down the sink unless specified by the instructor.

10. Broken glass: be careful handling broken glassware with bare hands. Dispose of all cracked or broken glassware in special puncture resistant containers found in the labs, not the regular trash can.

11. Report any spills, accidents, strange occurrences, or other safety incidents to the instructor.

12. Professional conduct is expected to avoid creating dangerous situations. If you have any questions concerning the safety of a procedure, consult your instructor.
13. Know the location of the Material Safety Data Sheets (MSDS's). These are available electronically .

14. Immediately report damaged equipment to your instructor.

15. Thoroughly wash hands with soap and water before leaving the laboratory.

WAIVER OF LIABILITY: (You will sign a waiver in class acknowledging this.) As a Science student in a Grayson College laboratory course, I hereby confirm that I have been advised of laboratory safety measures and rules and agree to comply with these rules at all times during my enrollment in this laboratory course. In addition, I agree to hold harmless GC in any event resulting from the laboratory environment.

CONTACT LENSES: (If you choose to continue wearing contact lenses in spite of our advising against it, you must sign another waiver in the class.)

I am aware of the added health risks associated with wearing contact lenses in the lab, but have elected to do so against the advice of my instructor. (If you do not sign this, you will have agreed not to wear contact lenses at any time during this course.)