

Important BIOL1108 and COVID-19 Information:

How will this course will be taught? Due to COVID-19 this class will be taught as a Hyflex class with half the class attending in person on Tuesday and half the class attending on Thursday. You will be assigned to attend a particular day and I will try to accommodate requests for a particular day, but this may not be possible. On the day you are not attending the lecture in person, the lecture will be streamed using BV Collaborate (although if there is the possibility that this will move to Microsoft Teams, if there are streaming issues). At the same time, I will be recording lectures in Collaborate.

Do I have to wear a mask and maintain social distancing? As the Blazer Creed articulates, members of the VSU community are expected to live by the high standards of civility, integrity, and citizenship and embrace their responsibility as a member of the Blazer community. In recognition of this responsibility, and in response to the best available science and current guidance from the Centers for Disease Control and Prevention and the Georgia Department of Public Health, **every student must wear a face covering that covers their nose and mouth at all times while in any campus building, including in this classroom.** In addition, eating and drinking are not allowed in lecture; there are no exceptions. I will give each class day three warnings for eating/drinking and then any student who chooses to eat or drink will be asked to leave the room (e.g.; on the 4th warning). Anyone attending class without a face covering will be asked to put one on or leave. Students should also be sure they maintain a distance of at least six feet away from their fellow students and instructor and are seated in a seat that is designated to ensure that distance. Students who refuse to wear face coverings appropriately or adhere to other stated requirements may face disciplinary action for Code of Conduct violations. *This requirement is intended to protect the health and safety of all VSU students, the instructor, and the entire university community.*

What are COVID-19 Symptoms? Common symptoms include fever, cough, shortness of breath or difficulty breathing, sore throat, loss of taste or smell, fatigue, muscle or body aches, nausea, diarrhea. If you have any of these symptoms do NOT come to class.

What if my roommate tests positive or I have been in close contact with someone who tested positive? You can self-report positive COVID-19, self-isolation or a social distance concern under MyVSU. Close contact is defined as <6 feet for greater than 15 minutes. Do not come to campus and do not go to the Student Health Center if you believe you have been exposed to COVID-19. You should call Student Health Services at 229-333-5886 to speak with a triage nurse. They will give you additional guidance on how to access the health center facility. The health center remains open for walk-in patients with non-COVID medical issues. You will have to self-quarantine and not come to class physically. You should still participate in the class remotely.

What if I test positive? You can self-report positive COVID-19, self-isolation or a social distance concern under MyVSU. You can also immediately notify the Office of the VP for Student Affairs and Dean of Students at 229-333-5941. If it is after hours then you should call campus police at 229-333-7816 to be transferred to the on-call Dean. For details on specific VSU policy see "If a Student Tests Positive for COVID-19" found at: <https://www.valdosta.edu/health-advisory/faq.php>.

As far as this class goes, if you test positive, please email me. If you are asymptomatic or feel well enough to participate remotely, great; if you are too sick to participate, let me know and we will figure out a plan that may include adjusted deadlines, extensions in assignments or an Incomplete. When you recover, you should only return to campus/class under the following conditions: *If you had COVID-19 symptoms* you must remain under self-isolation until 1) you have no fever for 72 hours without the use of medicine that reduces fevers; 2) your symptoms have improved; and 3) at least 10 days have passed since your symptoms first appeared. *If you are asymptomatic*, you must remain in self-isolation until 10 days have passed since the date of your first positive COVID-19 test, and you have had no subsequent illness.

What if Dr. Grove tests positive? I will teach from home, unless I am too sick to teach, and then the first course of action will be that a faculty member will step in to teach the class for me until I am better. If there are no faculty available to take over the class, we may make significant adjustments to how/when the class is taught.

Helpful Pages for Students:

<https://www.valdosta.edu/administration/finance-admin/campus-wellness/student-resources.php>
<https://www.valdosta.edu/health-advisory/faq.php>

BIOL 1108 Principles of Biology II Syllabus (Fall 2020)

Instructor: Dr. Theresa J. Grove

Office: BC 1032 (in the Dean's Suite to the left of the bison)

Office hours: Monday 4:00-5:30, Tuesday 11:00-12:00, Wednesday, and Thursday 2:00-4:00 (or by appointment). All Office Hours will be on BV Collaborate; if you need to schedule an in-person meeting, let me know. These may be conducted outside, in my office or in a classroom; in all cases a mask will be required.

Email: tjgrove@valdosta.edu (After 6 p.m. I may not respond until the next morning. If you send me an email over the weekend, I may not respond until Monday morning. I only infrequently check Blazeview messages (~ 1x/week), so please use my tjgrove@valdosta.edu account.

Office Phone: 229-333-5699

Announcements: I routinely post announcements on BV about due dates, homework, etc.

Lecture (BC 1011): Tuesday/Thursday 9:30 a.m. – 10:45 a.m.

Prerequisite: BIOL 1107 (or the equivalent) or permission of the instructor.

Description: An introduction to physiological processes in plants and animals. Structure, nutrition, transport, coordination, reproduction, and development will be addressed.

The primary goal of this course is to introduce structure-function relationships and physiological processes of plants and animals. This is the second introductory course, and it is expected that you are familiar with topics covered in BIOL1107 so that you can build on your foundational knowledge of biology. At the end of the semester you will be able to successfully complete higher level courses.

Learning goals include:

- Increase your understanding of structure-function relationships in biology
- Increase your understanding of the physiology of the major systems in plants and animals including:
 - Structure/function relationships
 - Nutrition
 - Transport
 - Movement
 - Reproduction
 - Development
 - Sensory systems
- Strengthen your ability to analyze/evaluate scientific data, test scientific hypotheses, and critically evaluate science in the news
- Cultivate the linkage of biology with math, physics, and chemistry

Textbooks and Other Items

- Sadava et al. Life Textbook and LaunchPad. If you have purchased Launchpad for this textbook for a previous course, you should still have access. For example, purchasing Launchpad for BIOL1107 at VSU provides you access for 24 months. Choose one: Launchpad with ebook (ISBN 9781319165444) or loose-leaf textbook with LaunchPad (ISBN 9781319126193) or hardback with LaunchPad (ISBN 9781319125714). Instructions on how to connect to this class in Launchpad are posted in BV. All Launchpad assignments are optional; they are designed to help you learn the material, but you can choose to do them or not.

Fall 2020 TENTATIVE LECTURE SCHEDULE

(Note that this is a tentative schedule so topics and dates covered may change)

Because of the shortened semester and using the first week of class to make sure that everyone understands how this class will be taught and the technology involved, a few lectures will be posted in BV by the evening of Sunday, August 23. These lectures will cover an Introduction to Phylogenies, Introduction to Homeostasis and an Introduction to Plant Life Cycles.

August

- 18 Class Logistics
- 20 Class Logistics
- 25 Chapter 27: Plants without Seeds & Chapter 28: The Evolution of Seed Plants
- 27 Chapter 37: Reproduction in Flowering Plants

September

- 1 Chapter 33: The Plant Body
- 3 Chapter 33: The Plant Body (cont'd)
- 8 **Exam 1 (covers thru beginning of Chapter 33)**
- 10 Chapter 34: Transport in Plants
- 15 Chapter 34: Transport in Plants (cont'd)
- 17 Chapter 35: Plant Nutrition
- 22 Chapter 36: Regulation of Plant Growth
- 24 **Exam 2 (covers thru Chapter 35)**
- 29 Chapter 38: Plant Responses to Environmental Challenges

October

- 1 Chapter 39: Physiology, Homeostasis, and Temperature Regulation & Chapter 40: Animal Hormones
- 6 Chapter 42: Animal Reproduction
- 8 Chapter 42: Animal Reproduction (cont'd)
- 13 **Exam 3 (covers thru Chapter 42)**
- 15 Chapter 44: Neurons, Glia, and Nervous System
- 20 Chapter 45: Sensory Systems
- 22 Chapter 46: The Mammalian Nervous System
- 27 Chapter 47: Musculoskeletal Systems
- 29 catch-up

November

- 3 **Exam 4 (thru Chapter 47)**
- 5 Chapter 48: Gas Exchange
- 10 Chapter 49: Circulatory System
- 12 Chapter 50: Nutrition, Digestion, and Absorption
- 17 Chapter 51: Salt and Water Balance and Nitrogen Excretion
- 19 catchup
- 24 **Exam 5 (thru Chapter 51)**
- 26 No class: Thanksgiving

December

- 1 No formal class, but I will be available for questions during class time
- 3 No formal class, but I will be available for questions during class time

Final Exam: Thursday December 10 exam will be available 7am-10am; you will have two hours to complete once you start.

Midterm: Thursday, October 8; the withdrawal deadline is October 24, 2020.

Attendance: While attendance in lecture (either remote or in person) is expected by all students, attendance will be monitored by completing assignments and quizzes in Blazeview.

Academic conduct: Cheating and plagiarism will not be tolerated and may result in a failing grade for the assignment, exam, or your final grade. The Department of Biology has a plagiarism policy on its website, (<https://www.valdosta.edu/biology/resources.php>); it is the student's responsibility to make sure they understand this policy.

Privacy Act (FERPA): The Family Educational Rights and Privacy Act (FERPA) prohibits the public posting of grades by social security number or in any manner personally identifiable to the individual student. No grades can be given over the telephone, but I do post grades in Blazeview.

Access Statement: Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The Access Office is located in Farbar Hall. The phone numbers are 229-245-2498 (V), 229-375-5871 (VP) and 229-219-1348 (TTY). For more information, please visit VSU's Access Office or email: access@valdosta.edu.

Title IX Statement: Valdosta State University is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment and is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including pregnancy status, sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, national origin, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: Maggie Viverette, Director of the Office of Social Equity, titleix@valdosta.edu, 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31608, 229-333-5463.

Concealed Guns on Campus: If you choose to carry a concealed weapon you are responsible for knowing and following the law. Licensed individuals may carry a handgun if it is mostly covered, does not actively draw the attention of people and is "not prominently, openly and intentionally displayed". While concealed guns are allowed in lecture and lab classrooms, no guns are allowed in faculty, staff and administrative offices and in rooms where high school students are enrolled (as well as other locations). It is the responsibility of you (the gun-carrier) to determine if there are high school students in the class by checking Banner or contacting the VSU's registrar to determine. It is a misdemeanor to violate this law. If you have any questions concerning this new law, contact University Police (229-333-7861) or the University Attorney (229-333-5351; West Hall 125).

Blazeview D2L: Take advantage of the resources on BV, which include the following:

- Check BV for course announcements.
- Lecture slides will be available by ~5:00p.m. the day before lecture (if not earlier). It is
- I will record lectures and post them on BV using Collaborate. These recordings are not a substitute for attending lectures, but are meant as a tool to clarify content outside of lecture. If there are technology issues, the lecture will not be available.
- Grades will be posted in BV. If you have any questions about your grade, see me.

Study Techniques and Help Sessions

- A "How to Study" packet is posted on BV.
- Amber Holley is the SI for this course.

Lecture Exams (500 points total after lowest exam grade is dropped): A total of 5 'regular' exams and 1 cumulative final exam will be given during the semester (a total of 6 exams), and each exam will be worth 100 points. The lowest exam grade out of the six exams will be dropped, which means that the final is optional. If you miss an exam you must contact me within 24 hours in order to makeup an exam; this makeup exam may have different questions. If you do not contact me within 24 hours, then this is the exam that will be dropped. If you are COVID positive and feel fine to take the exam, take the exam. If you are COVID positive and are too ill to take the exam, I will work with you. Generally, no early exams (including the final exam) will be given.

Any content from lecture, any BV assignments and BV quizzes is fair game for an exam. 'Regular' exams will have between ~80-90 multiple choice questions; the final will have ~150 multiple choice questions. On each exam there may be a few questions (5-10) on "old" material. All exams will be completed on Blazeview, and once you start you must finish. 'Regular' exams will be available between 9:15am-11:00am, and you will have 75 minutes to finish these exams. You will have two hours to complete the final on December 10.

For all exams, communicating with other living humans, including but not limited to other faculty, students, parents, friends, etc. is considered cheating. If caught, you will earn a zero for this exam, and this zero will be calculated in your final grade (it can't be your dropped exam). For all exams students can use the internet, books, notes, etc., which technically makes them open book. However, I am not interested in your ability to lookup answers; I am more interested in your ability to grasp, retain, and apply the content you learn in this foundational course. Therefore, while the exams are technically open book, functionally they are closed book because with the number of questions on the exam you will not have time to lookup answers to every question. You will run out of time if you try.

Quizzes (150 points total): To help you prepare for the timed lecture exams, multiple choice quizzes with 5-10 questions will be given throughout the semester. You will complete these quizzes 2 times and both scores will count towards your total points earned. For the first attempt each question is worth 0.5 points, and for the second attempt each question is worth 1.5 points. Based on these point values, each quiz (combined 1st and 2nd attempts) will be worth 10-20 points. The **1st attempt** at a quiz will be timed (1 minute/question) and open book (similar format to an exam). You should study content prior to taking the quiz. The **2nd attempt** will also be open book, but it will not be timed (you have all the time you need to figure answer the questions).

These quizzes will be completed on BV. There will be no quizzes during the first week of class (August 17-21), but there will be one quiz worth 5-10 points completed each week for a total of 150 points. All quizzes will count towards your grade (there will be no dropped quizzes).

The timing and the due dates for the quizzes will be as follows for the two attempts:

- Each 1st attempt (timed) will open on Monday at noon (12:00pm EST) and will close (become unavailable) at noon (12:00pm) on Wednesday, which gives you 48 hours to complete these quizzes. Each question on these quizzes will be worth 0.5 pts.
- Each 2nd attempt will open Wednesday at noon (12:00pm EST) and will be due the following Monday at noon. These will not be timed and will be open book. Each question on these quizzes will be worth 1.5 points.

Each student will be given 5 opportunities to re-open the 2nd attempt at a quiz. To do this, you must send me an email to tjgrove@valdosta.edu within a week of the due date, give me the quiz number (e.g. Quiz 1) and ask me to re-open it. No questions will be asked. The 1st attempt timed quizzes will not be reopened.

Lecture Assignments (~50 points): Lecture assignments may include take-home, in-class (remote or in-person), or online assignments. Assignments will be worth variable points depending on the effort involved. Online assignments will open and close automatically; generally no late assignment will be accepted once the item closes.

LaunchPad for Lecture: Access to LaunchPad will help you learn the material. In LaunchPad you will have LearningCurve assignments, summative quizzes and other short assignments to complete. These are designed to help you learn content as the semester progresses so that you don't procrastinate and try to cram all the material immediately before the exam. You can use any resources to complete these assignments. Assignments will automatically open and close. Due dates will be posted in the calendar in LaunchPad to keep you on track with learning the material. No Launchpad assignments are required; they are all optional.

Grade Scale: I reserve the right to curve (or not curve) the final grade at the end of the semester (or any exam grade). I follow the scale below.

- A 90-100%
- B 80-89%
- C 70-79%
- D 60-69%
- F < 60

Grade: To calculate your grade, add up the points that you earn and then divide by the total points possible. Multiply this number by 100% to get a percentage.