UCONN
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BIOL 1108: Principles of Biology II - Sections 001L-040L

Course Syllabus

Our lectures, notes, handouts, videos, and displays are protected by state common law and federal copyright law. They are our own original expressions, and we have recorded them prior to or during lecture/lab in order to ensure that we obtain copyright protection. Students are authorized to take notes in class; however, this authorization extends only to making one set of notes for your own personal use and no other use. If you are authorized to record lectures, you may not copy this recording or any other material, provide copies of either to anyone else, or make commercial use of them without prior permission from the course instructor.

Course Information

Course Title: Principles of Biology II w/lab (BIOL 1108)

Credits: 4

Lecture: Gant West 002

Lab: see Student Admin for your specific schedule (NOTE: labs begin Week 1 of the semester)

HuskyCT Course Site: https://learn.uconn.edu/ultra/course

The General Education guidelines for your reference. General Education courses ensure that students:

- Become articulate;
- Acquire intellectual breadth and versatility;
- Acquire critical judgment;
- Acquire moral sensitivity;
- Acquire awareness of your era and society;
- Acquire consciousness of the diversity of human culture and experience;
- Acquire a working understanding of the processes by which you can continue to acquire and use knowledge.

General Course Description: Principles of Biology II with lab is a survey of evolutionary processes, ecology, and organismal diversity, form, and function — including fungi, plants, and animals. The overarching themes of the course are the ecological and evolutionary relationships among living things, emphasizing both the unique characteristics that different organisms possess and universal biological principles. Principle of Biology II satisfies a core curriculum requirement for Biology Majors and is designed to provide a foundation for more advanced courses in the Biology Major and related sciences.

Course Description: Designed to provide a foundation for more advanced courses in biology and related sciences. Topics include plant biology and diversity, animal diversity and behavior, fungi, ecology, and evolution.

Safety

At all times, we will follow current UConn and CDC Covid19 and infectious illness guidelines.

More information about proper usage of masks is available from UConn Environmental Health and Safety at this link.

Although social distancing will not be required inside classrooms for vaccinated individuals, please be respectful of the wishes of others who prefer to maintain social distancing. For their own protection, unvaccinated individuals are requested to maintain 6 feet social distance from others.

At all times, we will follow current UConn and CDC Covid19 guidelines.

Course Instructors

Professor: Dr. Susan Z. Herrick

Office: Gant West 209

Email: susan.herrick@uconn.edu

(She, Her, Hers)

***Email: **susan.herrick@uconn.edu**

Email is by far the best mode of communication outside of the classroom. I will usually respond to all emails Monday through Thursday at least within 24-36 hours. I will respond to emails sent after 10:00 on Friday at least before 14:00 on the following business day. Please reference BIOL1108 and your lab section number in the subject line and be sure to specifically include your question or need in the text of your email. Please **do not** message me via HuskyCT or 'reply' to HuskyCT announcements as these messages are not secure and often long delayed.

Office hours: See "Schedules" in HuskyCT for current drop-in hours, except as announced. I also have virtual drop-in hours, or you can email a request to meet outside of those hours if need be. Send an email with a screenshot of your weekly schedule, note a few time periods you would like to meet, and I will set it up and confirm with you.

Lab Instructor: Each lab section has its own lab instructor. You will meet yours in lab the **first week of classes**. Please contact your lab instructor regarding questions about grading or understanding laboratory content.

Lab Manager: Dr. Rebecca Newcomer

Office: Bronwell 103

Email: rebecca.newcomer@uconn.edu

***Email: Please reference BIOL 1108 + your lab section # in the subject line of the email

Course Materials

Required course materials should be obtained before the first day of class.

Required Materials:

- **Biology: How Life Works 4th edition** with **Achieve** learning portal access. Available at the UConn Bookstore or online at a variety of sites. Please note the details on the Course Introduction slides posted in HuskyCT for further details. If you purchase or rent a physical book, be sure that includes an **access code for Achieve**. Do not throw away your access code! There is a link on the HuskyCT homepage to sign into the Achieve portal for our course when the semester begins.
- **Laboratory Manual:** BIOL 1108 Laboratory Fall 2025 - Spring 2026 ed. at the UConn Bookstore.
- This course is part of the campus' course material delivery program. The digital required materials for this course have been integrated with Blackboard and can be found in the Course Materials link in your Blackboard course. Please sign into Blackboard to access your course and course materials.

*Additional course materials and information, such as presentation slides for lab or lecture - which are posted after the presentations of the material, are available within the **SINGLE** HuskyCT site for the course. Your HuskyCT site will appear with your lab section in the site title. This is our only HuskyCT site and it includes all items and information for the entire course.*

Please see the University's policy on student technology responsibilities.

Course Outline: Lecture/Laboratory Exercise Schedules

See the Lecture Schedule and Laboratory Schedule documents in Student Resources in HuskyCT as well as in the Lab and Lecture modules. On these schedules you will find the weighed distribution of grades. General schedule pattern is also found at the end of this document.

Course Requirements and Policies

General

- All lecture and lab meetings will be held in person.
- We **will** hold lab the first week of the semester. Be sure to attend lab the first week of school!
- Labs meet during the specific lab section time periods in TLS 171 or TLS 91.
- Remember that you have **two** section numbers: one for lecture (001 or 020) and one for lab (001 through 040). You must attend your lab section for lab and lecture section for lecture.

Double check your room assignment for lab. We have THREE different rooms in use for labs. All are in TLS. You cannot attend lab in any room other than the one your lab section is assigned.

- You must earn better than an F (a 60% or higher) on BOTH the lab and the lecture in order to pass this course. Failure of either the lab (lab attendance, participation, assignments, and assessments) or the lecture (lecture textbook assignments and exams) portion of this course will result in a failure for the entire course.
- You must complete a Lab Safety Quiz at the start of the semester. These will be online and announced to the class when they are available.

Tutoring Hours

- You may attend any tutoring session that fits your schedule, regardless of whether it is led by your specific lab instructor.
- All 20+ hours of tutoring per week are held in TLS 89. See the "Tutoring Schedule" in HuskyCT.
- These tutoring hours are your best resource for help with the course.

Summary of Course Grading

Grading and Schedule of topics and assignments for lecture and lab: We adhere strictly to the University grading scale to determine your final grade. We do not 'round up' or 'scale' grades. This means you must reach the FULL points required to move up to any particular letter grade. For example, 77% = C+ while ALL 76% values = C (76.8% = C just as 86.9% = B).

NOTE: **You must earn better than an F (a 60% or higher) in **BOTH** the lab grade and the lecture grade in order to pass this course. Failure of either the lab (lab attendance, participation, assignments, and assessments) or the lecture (lecture exams) portion of this course will result in a failure for the entire course.

Final Grade for the course is about 50% Lecture and 50% Lab.

We follow the University percent-to-letter grade scheme:

93% or above = A,
<93 – 90% = A-
<90 – 87% = B+,
<87 – 83% = B,
<83 – 80% = B-

<80 – 77% = C+,
<77 – 73% = C,
<73 – 70% = C-
<70 – 67% = D+,
<67 – 63% = D,
<63 – 60% = D-
<60% = F

General Grading Info:

The following coursework will all contribute to your total course grade:

- **Achieve "How Life Works" textbook and assignments:** There are no course points or due dates for these assignments. The assignments, which come with your book purchase, are geared towards improving your engagement and understanding of the content. There are self-quizzes, progressive quizzes, short learning videos with follow-up quizzes, and many other tools in the Achieve portal to help you study. You will be able to see your scores immediately and get an instant gauge of your understanding of content as you study. When used properly, Achieve assignments will contribute strongly to your exam grades based on how actively you engage with these study tools. These readings and assignments will directly contribute to your success in mastering the laboratory component as well.
- **Weekly Pre-lab Quizzes:** Complete the pre-labs on HuskyCT before each lab session, all pre-labs are opened ahead of time for you to complete. You **must** complete the pre-lab assessment before coming to lab. If you do not complete the pre-lab before attending lab, your ability to work well with your lab team will be negatively affected and your post-lab assessment will be as well. This means you not only miss the points for the lab by missing pre-lab points**,** you also miss points on the lab assessment simply due to being unprepared to tackle the learning in the lab activity.
- **Weekly Lab Quizzes:** We will have weekly post-lab quizzes during your regular lab section. These quizzes will assess your understanding of the concepts and procedures covered in the previous week's lab exercises. Obviously, keeping up to date on lecture work will help as well. You will complete these short quizzes on the lab-dedicated tablets. If you arrive late to lab, you will not be allowed to complete the quiz. The quiz will begin promptly at the lab start time. The door will be closed and locked at lab start time, so do not be late. The door will open when the quiz has ended.
- **Lab Worksheets:** We will have several worksheets which are completed during lab and uploaded into your HuskyCT assignments. If you are not in lab that week, you may not complete the worksheet for credit. Do not miss lab.
- **Biodiversity Collections Facility Tour:** You are **required** to attend one 45-minute tour of the EEB Biodiversity Collections Facility during the semester. You will attend this tour during your regularly scheduled lab session. There are no make-ups for missed tours as we cannot have access to the facility outside of the scheduled tours. The follow-up quiz is included in the weekly post-lab assessments.
- **EEB Greenhouse Tour:** This tour is completed during a regular lab meeting and the content is included in the weekly post-lab assessment.
- **Participation and Behavior:** A portion of your weekly lab scores will come from your preparedness and participation in the lab experience.
- **Unit Exams:** You will be assessed on each of four Units of the course during your Unit Exams, which will be given in our lecture hall or lab rooms. These exams are not cumulative and content covered is listed in each Unit folder in HuskyCT. There are no make-up exams offered in this course once the scheduled time of the exam has passed. All Unit exams are part of your lecture grade. The lowest Unit exam will be dropped from grade calculations.
- **Final Exam:** The Final Exam for this course is cumulative and mandatory. You must take and pass the Final Exam in order to receive a passing grade for the course. This exam will be administered during the University-scheduled Final Exam period in our lecture room. The Final Exam points are added to your total course points before your final course grade is calculated. The content of the Final Exam for this course is approximately 50% lab and 50% lecture and the Final exam is about 20% of your total course grade. If you fail the Final Exam, you cannot receive a passing grade for the course.

Passing the course: You must earn better than an F (a 60% or higher) on BOTH the lab and the lecture, before the Final Exam is administered, in order to pass this course. Failure of either the lab or the lecture portion of this course will result in a failure for the entire course.

"Bunched Finals" Rescheduled Exams

If you need to reschedule due to bunched finals, you must first petition the Dean of Students (or the Center for Students with Disabilities) for permission and then notify me directly via email so that I can reconfirm your attendance at the alternate session. All rescheduled final exams are set to occur during the final exam session for the other lecture section. Students in lecture section 20 will take their approved for reschedule exam during the section 01 time period and students in the 01 section will take their approved for reschedule exam during the section 20 time period. See HuskyCT "Schedules" in "Student Resources" for exact dates and times and rooms of our Final Exam schedules.

Due Dates and Late Policy

The instructor reserves the right to change dates accordingly as the semester progresses. All changes will be communicated in an appropriate manner.

- Due dates do not change due to your absence.
- No late lab work or exams are accepted.

Feedback and Grades

To keep track of your performance in the course, refer to My Grades in HuskyCT.

- Each week, in tutoring, you may review the answer key for the **previous** week's quiz.
- Your lab instructor will make every effort to provide feedback within one week of the post-assessment.
- If you are worried about earning enough points to get the final grade you desire: complete all the assignments and work for the class, evaluate your study techniques and re-adjust as needed, visit tutoring hours, speak to your Lab Instructor, discuss with Dr. Herrick, and take our advice seriously.

Contesting a Grade: If you feel that there is a problem with the grade received on any assignment/quiz/exam, you must submit a **written statement via a group email** to your Lab Instructor, Dr. Newcomer and Dr. Herrick which clearly explains your reasoning for thinking the grade given is incorrect. This must be done within ONE WEEK of receiving the graded work back from your lab instructor or having a grade posted in HuskyCT.

Absences: Exam, Lab, Lecture, or other Absence:

We do not 'excuse' absences. You are all adults who are perfectly capable of deciding if you need to miss class. That is not for us to judge. However, if you miss a worksheet, an exam, or a lab, then you have earned a zero on that work. Consider your absences carefully and be prepared to catch up on any missed content in your studying and tutoring as soon as possible so that you do not fall farther behind than just the one missed class.

Missed Lecture? If you missed a lecture, or plan to, you do not need to inform anyone. We do not take attendance in lecture. You are most welcome to attend either the 11:00 lecture or the 14:00 lecture if doing that helps you avoid an absence. When you miss lecture, you should plan to spend some time reviewing the posted slides and discussing notes taken by a classmate who has shared them with you. Tutoring hours are a great way to be sure you understand the content covered in a missed lecture.

Missed lab? If you missed the previous lab, your next postlab quiz will be the quiz you missed due to absence the previous week (i.e. the quiz you were supposed to take last week, had you been there) - you will NOT take the quiz for the lab session you missed. It is **your** responsibility to ensure that you take the quiz you missed rather than the quiz everyone else is taking. If you somehow manage to take the wrong quiz, **both** will be a zero. **No one can earn credit for a lab they did not attend by taking the quiz for the missed lab, and catching up a missed quiz for lab you did attend may only happen during the following lab meeting for your section.** Be sure you watch your grades carefully and are

clear on this policy. You must speak directly to your Lab Instructor when you return to lab to ensure you have the correct quiz. When you miss a lab for ANY reason, you may not complete the post-lab assessment or submit a worksheet for that lab exercise. The quiz and worksheet for the lab session you missed will be assigned a zero. There are no exceptions to this policy. We drop the lowest lab quiz score for the semester so that you have a safety net in case of a holiday, emergency, or illness.

******It is the student's responsibility to ensure that they are taking the CORRECT post-lab quiz when they return to lab the following week. This means you must speak to your Lab Instructor to ensure you have the correct password, and correctly take, the quiz you missed rather than the quiz for the lab exercise you missed.**

- Material covered in lab is heavily weighted on quizzes and exams and you are not exempt from understanding this material because you missed that lab. The same is true for lecture material. See the note above on how to prepare for a lab you missed ("Missed lab?").
- **If you plan** to observe a religious holiday, have a surgery scheduled, or any school-sanctioned event that will interfere with your attendance at any of your Lab or Lecture exams, please alert Dr. Herrick and your Lab Instructor (if it is a Lab Practical Exam) **at least two weeks in advance** so that we have time to plan for this absence.

Inclement Weather and Campus Closings

In the event of inclement weather or other major events, check alert.uconn.edu for information regarding delayed openings or early closings. Should there be an early closing or delayed opening: lab will be held for whatever portion of the lab is left if possible. **Check our HuskyCT for announcements** before deciding to just not go to lab. In all cases we will send out an announcement as to how we will handle the event as soon as we get the official word that there is a delay or early closing.

When in doubt, check HuskyCT for announcements! **Do not** rely on word of mouth or what your roommate tells you happened to their sister's best friend's brother's roommate's cousin two years ago when they took the class. **Check our announcements** and, if you are still somehow unsure if your lab is canceled, go to lab.

Student Responsibilities and Resources

As a member of the University of Connecticut student community, you are held to certain standards and academic policies. In addition, there are numerous resources available to help you succeed in your academic work. Review these important standards, policies and resources, which include:

- The Student Code
- Academic Integrity
- Resources on Avoiding Cheating and Plagiarism
- Copyrighted Materials
- Technology Requirement Guidelines
- Netiquette and Communication
- Adding or Dropping a Course
- Academic Calendar
- Policy Against Discrimination, Harassment and Inappropriate Romantic Relationships
- Sexual Assault Reporting Policy

General Societal Courtesies Expected in our Classrooms

Electronics in lab: You may not have any device out in the lab spaces as we have dedicated lab iPads for everyone to use. Phones must be stowed in the designated bins at all times for lab safety requirements.

Electronics in lecture: Use of electronics with upright screens and keyboards in the classroom is not encouraged at all. Using an electronic pen to write on a tablet/device that is kept flat on the table with no keyboard is fine. Your phone should be quieted and put away, your music should be off, your earphones should be in your backpack, and your laptop should be stowed. Use of a phone or laptop to take notes, surf the web, take or look at photos, watch videos, email, text, or whatever else, are distracting & disruptive of the work we are doing in the classroom. **These devices also have even been shown to reduce the learning and grades of the people who sit near one in use, not just the grades of the user.** See the folder full of scientific research on this topic in HuskyCT.

Bottom line: If you lack the self-restraint to stay on task in class, then leave your electronics at home/dorm. Tell your friends and family your class schedule, during which you will be in class/lab and therefore not available to instantly respond to texts, emails, snaps, etc. Imagine your boss seeing you textinstasnaptweeting during a work meeting….

Tardy arrivals/early leave-taking: Entering or leaving the classroom once class has begun is disrespectful, distracting and disruptive; do not do it unless absolutely necessary. If you know you will be late, or will have to leave early, you must speak to and get permission from your lab instructor the week before. If you arrive to lab late, you will severely damage your grade as you will not have access to the post-lab assessment from the week before and will be assigned a zero as well as recorded as having missed lab. **You are scheduled to be in lab/lecture at the time for your section.** This means you should have no other academic obligations during the meeting times as the registrar does not allow schedule conflicts. If you have personal obligations that conflict with class times, it is **your responsibility** to fix that conflict.

Remember that you scheduled yourself to be in the lab/lecture during the time your sections meet, it is part of your schedule - you are not 'available' during those times, just as if you are at your job. Part of being a successful student is learning how to manage and prioritize your time properly and we expect you to do so.

Academic Misconduct

Cheating and Plagiarism will not be tolerated. Group discussions are great. The more you talk about a topic the better you will understand it. However, all graphs and written assignments **must** be generated/written by you and be **in your own words**. Your assignment should not resemble those of your classmates. Any cheating on assignments will result in a score of zero (0) points for that assignment. Further consequences will be based on the severity of the plagiarism.

Academic misconduct in **any form** is in violation of the University of Connecticut Student Code and will not be tolerated. This includes, but is not limited to, copying or sharing answers on tests or assignments, plagiarism, misuse of clickers, posting assignment/exam/quiz information on cheat sites, and having someone else do your academic work. Depending on the act, a student could receive a failing grade (F) on a particular assignment/test, a failing grade for the course, or be suspended or expelled from the University. The Student Code is available for perusal at the Dean of Students web site: http://community.uconn.edu/the-student-code/

We expect all students to act in accordance with the Guidelines for Academic Integrity at the University of Connecticut. Because questions of intellectual property are important to the field of this course, we will discuss academic honesty as a topic and not just a policy. If you have questions about academic integrity or intellectual property, you should consult with your instructor. Additionally, consult UConn's guidelines for academic integrity

Student Authentication and Verification

Verification and authentication of student identity in this course will include:

Secure access to the learning management system using your unique UConn NetID and password.

Recorded assessment submissions and instructor-proctored assessments.

Verification and recording of valid University student identification card.

Software/Technical Requirements

HuskyCT/Blackboard: HuskyCT is the online course management software used by the University of Connecticut. To reach our webpage in HuskyCT, log into the website (https://learn.uconn.edu), supply your UConn NetID and password. HuskyCT will be used for **all course information and resources**. It is your responsibility to check our HuskyCT site and your student email **daily**.

The software/technical requirements for this course include:

- HuskyCT/Blackboard (HuskyCT/ Blackboard Accessibility Statement, HuskyCT/ Blackboard Privacy Policy)
- Adobe Acrobat Reader (Adobe Reader Accessibility Statement, Adobe Reader Privacy Policy)
- Microsoft Office (free to UConn students through software.uconn.edu) (Microsoft Accessibility Statement, Microsoft Privacy Statement)
- Dedicated access to high-speed internet with a minimum speed of 1.5 Mbps

Technology Help

Technical and Academic Help provides a guide to technical and academic assistance.

If you have difficulty accessing HuskyCT, you have access to the in person/live person support options available during regular business hours through the Help Center. You also have 24/7 Course Support including access to live chat, phone, and support documents.

Minimum Technical Skills

To be successful in this course, you will need the following technical skills:

- Use electronic mail with attachments.
- Save files in commonly used word processing program formats (Microsoft Office).
- Ability to view and download files from Google Drive.
- Copy and paste text, graphics or hyperlinks.
- Work within two or more browser windows simultaneously.
- Open and access PDF files.
- Use a tablet device to access the internet.

University students are expected to demonstrate competency in Computer Technology. Explore the Computer Technology Competencies page for more information.

Students with Disabilities

Together with the Center for Students with Disabilities, we have developed a detailed list of the most common types of uses of the CSD in this course and have step by step instructions in "Guidelines for Using the Center for Students with Disabilities". Please note this document is found in HuskyCT "Student Resources " folder. Also note that it is the student's responsibility to follow these guidelines and to set up reservations in MyAccess well in advance of any need for such services.

The University of Connecticut is committed to protecting the rights of individuals with disabilities and assuring that the learning environment is accessible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately so that we can discuss options. Students who require accommodations should contact the Center for Students with Disabilities, Wilbur Cross Building Room 204, (860) 486-2020 or http://csd.uconn.edu/.

Blackboard measures and evaluates accessibility using two sets of standards: the WCAG 2.0 standards issued by the World Wide Web Consortium (W3C) and Section 508 of the Rehabilitation Act issued in the United States federal government." (Retrieved March 24, 2013 from Blackboard's website)

Learning Experience Evaluations

Students will be provided an opportunity to evaluate the learning experience in this course using the University's standard procedures, which are administered by the Office of Institutional Research and Effectiveness (OIRE).

How to Succeed in College

All students can succeed in this course and we are here to help you along the way. Please do not hesitate to ask questions or attend office hours. All questions are important here. Success in this course program depends heavily on your personal health and well-being. Recognize that stress is an expected part of the college experience, and it often can be compounded by unexpected setbacks or life changes outside the classroom. Your lab instructors and I strongly encourage you to reframe challenges as an unavoidable bump on the pathway to success. Reflect on your role in taking care of yourself throughout the semester, before the demands of exams and projects reach their peak. Please feel free to reach out to me about any difficulty you may be having that may impact your performance in your courses or campus life as soon as it occurs and before it becomes too overwhelming. In addition to your academic advisor, I strongly encourage you to contact the many other support services on campus that stand ready to assist you. See these links for a few key services: Dean of Students Office, Academic Achievement Center, Writing Center, Quantitative Learning Center, Center for Students with Disabilities, Title IX Office, Student Health and Wellness -- Mental Health

Resources for Students Experiencing Distress

The University of Connecticut is committed to supporting students in their mental health, their psychological and social well-being, and their connection to their academic experience and overall wellness. The university believes that academic, personal, and professional development can flourish only when each member of our community is assured equitable access to mental health services. The university aims to make access to mental health attainable while fostering a community reflecting equity and diversity and understands that good mental health may lead to personal and professional growth, greater self-awareness, increased social engagement, enhanced academic success, and campus and community involvement.

Students who feel they may benefit from speaking with a mental health professional can find support and resources through the **Student Health and Wellness-Mental Health** (SHaW-MH) office. Through SHaW-MH, students can make an appointment with a mental health professional and engage in confidential conversations or seek recommendations or referrals for any mental health or psychological concern.

Mental health services are included as part of the university's student health insurance plan and also partially funded through university fees. If you do not have UConn's student health insurance plan, most major insurance plans are also accepted. Students can visit the **Student Health and Wellness-Mental Health located in Storrs on the main campus in the Arjona Building, 4th Floor,** or contact the office at **(860) 486-4705, or https://studenthealth.uconn.edu/** for services or questions**.**

Accommodations for Extended Illness or Extended Absences

Please stay home if you are feeling ill and please go home if you are in class and start to feel ill. If illness prevents you from attending class, it is your responsibility to notify Dr. Herrick as soon as possible. You do not need to disclose the nature of your illness, however, you will need to work with me to determine how you will complete coursework during your absence.

If life circumstances are affecting your ability to focus on courses and your UConn experience, students can email the Dean of Students at dos@uconn.edu to request support. Regional campus students should email the Student Services staff at their home campus to request support and faculty notification.

Copyrights

Our lectures, notes, handouts, and displays are protected by state common law and federal copyright law. They are our own original expressions and we have recorded them prior or during lecture/lab in order to ensure that we obtain copyright protection. Students are authorized to take notes in class; however, this authorization extends only to making one set of notes for your own personal use and no other use. If you are authorized to record lectures, you may not copy this recording or any other material, provide copies of either to anyone else, or make commercial use of them without prior permission from the course instructor.

General Schedules for Lecture and Laboratory by Week

NOTE**** Our schedules are based on the instructional weeks of the semesters. In spring and fall there are weeks of no instruction, so that week is ignored. These do not appear in our weekly schedule, due to no instruction in those weeks. Go to the University calendar to find which dates are the semester break.

Week	Day	Lecture #	Topic	Lab Topic for the Week
1	Tues	1	Orientation & Evolution	Orientation, Scientific Method, Pipetting
	Thurs	2	Evolution	
2	Tues	3	Species and Speciation	Evolution and Classification
	Thurs	4	Evolutionary Patterns	
3	Tues	5	Human Origins and Evolution	Population Genetics
	Thurs	6	Eukaryotic Cells	
4	Tues	**Unit 1 Exam**	**Lectures 1-6 Exam in Lecture hall**	Microscopes and Cell types
	Thurs	7	Being Multicellular	
5	Tues	8	Fungi	Plant Anatomy and Growth
	Thurs	9	Photosynthesis	
6	Tues	10	Plant Form, Function, Diversity	Transpiration and Photosynthesis
	Thurs	11	Plant Reproduction	
7		**Unit 2 Exam**	**No lecture meetings this week.**	**Lab Practical Exam 1**
		Lectures 7-11	**Unit 2 Exam in lab period/room**	
8	Tues	12	Plant Physiology	Evolution of Plants 1 and Greenhouse Tours
	Thurs	13	Plant Growth and Development	
9	Tues	14	Plant Defense	Evolution of Plants 2 and Greenhouse Tours
	Thurs	15	Animal Form and Function	
10	Tues	16	Animal Diversity	Evolution of Animals 1
	Thurs	17	Behavioral Ecology	
11	Tues	**Unit 3 Exam**	**Lectures 12-17 Exam in Lecture hall**	Evolution of Animals 2
	Thurs	19	Population Ecology	
12	Tues	20	Species Interactions & Communities	Animal Behavior
	Thurs	21	Ecosystem Ecology	
13	Tues	22	Climate and Biomes	Climate Change
	Thurs	23	Humans as a Planetary Force	

14		**Unit 4 Exam**	**No lecture meetings this week.**	**Lab Practical Exam 2**
		Lectures 19-23	**Unit 4 Exam in lab period/room**	
15		**Finals**	All Content	**All content**