

Summer Biology 1102 Course Policies / Lecture / Lab Syllabi

Course Title: Foundations of Biology (BIOL 1102) **Credits:** 4 **Format:** In-person Lecture

Prerequisites: Not open if passed BIOL 1107, 1108 or 1110. No > 12 credits for Biol courses at the 1000 level.

Lecture Professor: Adam Fry, adam.fry@uconn.edu. **Office:** TLS 308.

Email Lecture Professor, any time! Will try to reply ASAP during normal business hours M-F, 8am-4pm.

Biology 1102 is designed with your summer schedule in mind. We've streamlined the traditional course into a high-efficiency, two-day-a-week format that respects your time and your commute.

- **Minimal Commute:** We only meet twice a week (Monday and Wednesday from 9:00 AM – 1:00 PM*), significantly reducing your travel time to the Storrs campus.
- **Built-In Success:** Our Monday Lecture sessions use **Guided Notes**, the gold standard in lecture pedagogy. This format keeps the pace fast, the content clear, and ensures you are mastering the material.
- **Flexible Assessment:** Forget high-stakes cumulative finals. Weekly online Lecture Exams and Lab Quizzes are not cumulative. Best of all, you can take each Lecture exam and Lab Quiz twice, and we'll automatically keep your highest score.
- **Respect for Your Time:** Lectures and Labs move quickly, include frequent breaks, and conclude as soon as the day's content is covered.

This course is intentionally structured to teach you Biology with a clear path to success.

Lecture: *Week 1: Monday from 8:00 am – 1:00 pm in TLS 301.

***Weeks 2-6: Mondays from 9:00 am – 1:00 pm in TLS 301.**

***After Week 1, Lectures begin promptly at 9:00 am for Weeks 2-6.**

Laboratory: There are two 2-hr. Labs per week: Wednesdays from 9:00 am-11:00 am and 11:00 am-1:00 pm.

Short breaks allowed after each hour of Lecture and Lab.

Do not arrive to Lecture or Lab class late or leave early. Students can only enter the Lecture or Lab room at the beginning of a new Lecture or Lab period. **Do not use phones or computers during Lecture or Lab**, except by prior permission from Instructor. **Students are NOT permitted to use phones or other devices to photograph Lecture slides!**

Students are REQUIRED to check their UConn email accounts before each Monday Lecture and Wednesday Lab for important Biology 1102 course announcements, updates, or changes to the schedule.

GENERAL COURSE DESCRIPTION

Major biological principles with emphasis on their importance to Humans and modern society and is intended for anyone who wants to learn basic Biology. Meets TOI-6 LAB requirement. Because of the university Lab requirement, students MUST attend a Lab section in person and in full to be able to take the associated 30-pt. quiz associated with that lab. Arriving to lab more than 10-minutes late is an absence, no exceptions.

There is NO required textbook for the Biology 1102 Lecture. Students MUST purchase a **required Laboratory Manual** and bring to Lab.

Lecture Outlines are provided immediately prior to the beginning of each Lecture only, and they are NEVER sent to students who miss class for any reason. If a student is absent for ANY reason, they MUST plan with classmates to obtain missing Lecture notes.

BIOLOGY 1102 provides intellectual breadth and versatility and investigates issues of general relevance to Human biology. By the end of the semester, students should be able to

1. Understand how Science solves problems for everybody
2. Understand how knowledge of Human anatomy / physiology applies to self
3. Understand basic principles of Ecology and Evolution
4. Understand how animal behavior is shaped by ecology and natural selection.
5. Understand Environmental Literacy

COURSE GRADING

Students MUST pass BOTH Lecture and Lab with greater than 60% of the available points in each to pass the full Biology 1102 course. ALL Lecture Exams and Lab Quizzes count toward the course grade calculation.

Course Components	Weight	Available points	Minimum Pts. needed to Pass with a D- (60%)
Lecture	65%	600	360
Laboratory	35%	360	216

There are NO extra credit assignments. Final Letter grades will approximate the following total course percentages.

A = 93-100%, A- = 90-92% B+ = 87-89%, B = 83-86%, B- = 80-82%
C+ = 77-79%, C = 73-76%, C- = 70-72%, D+ = 67-69%, D = 63-66%, D- = 60-62% F = 0-59%

LECTURE EXAMS and GRADING

There are six (6) weekly REQUIRED Lecture Exam Scores. After an Exam closes, CANNOT be reopened for any student for any reason. There are no Makeup Exams. If a student fails to take ANY Exam / Quiz by the due date, they receive a zero score for that assessment: no exceptions. Note: the DOS office cannot compel instructors to override, change, or make exceptions to the Instructor's established course policies.

Students MUST use exact spelling/wording from the completed Lecture Outlines to answer ALL online Exam questions; typos CANNOT be corrected.

Lecture Unit exams are NOT cumulative and are online with open notes format, but the Exams are timed, and students are allowed two attempts with the highest score automatically kept.

After Week 1, Lectures begin promptly at 9:00 am for Weeks 2-6.

Each Lecture Exam opens at 5:00 pm on the Monday of each week and remains open until 9:00 am the following Monday, except Exam 6 (see below). All Lecture Exam are timed, online, OPEN NOTES format in HuskyCT and require Lockdown Browser and Camera functions.

Week	Lectures	Day	Date	Topics
1	L1 – L5	Monday	June 1	1. Solar System / Biosphere / Time 2. Basic Chemistry 3. Biological Molecules 4. Domains of Life 5. How Cells Function
				Online Exam 1 Opens 5:00 pm June 1 and closes at 9:00 am June 8 (Covers L1 – L5 only)
2	L6 – L9	Monday	June 8	6. DNA / Cell Cycle 7. Cancer 8. Reproduction 9. Mendelian Genetics
				Online Exam 2 Opens 5:00 pm June 8 and closes at 9:00 am June 15 (Covers L6 – L9 only)
3	L10 - L13	Monday	June 15	10. Evolution 11. Speciation / Extinction 12. Human Evolution 13. Behavioral Ecology
				Online Exam 3 Opens 5:00 pm June 15 and closes at 9:00 am June 22 (Covers L10 – L13 only)
4	L14 - L17	Monday	June 22	14. Homeostasis 15. Hormones / Diabetes 16. Heart Disease 17. Respiration
				Online Exam 4 Opens 5:00 pm June 22 and closes at 9:00 am June 29 (Covers L14 – L17 only)
5	L18 – L21	Monday	June 29	18. Skeleton/ Muscles 19. Pathogens / Food Illness 20. Immune System 21. Nervous System
				Online Exam 5 Opens 5:00 pm June 29 and closes at 9:00 am July 6 (Covers L18 – L21 only)
6	L22 – L25	Monday	July 6	22. Addiction 23. Biogeochemical Cycles 24. Population Biology 25. Ecology
NOTE:	Final Exam Due	Sunday	July 12	Online Exam 6 Opens 5:00 pm July 6 and closes at 11:59 pm Sunday July 12 (Covers L22 – L25 only)

Biology 1102 Laboratory at Storrs: There are two required, 2-hr. in person Lab sections per week

Wednesday: Lab 1 Start 9:00 am - ~11:00 am

Wednesday: Lab 2 Start ~11:00 am - ~1:00 pm

Short breaks allowed after each hour of Lab for restroom and phone.

Because of the University Lab requirement, students MUST attend the Lab section in person and in full to be able to take the associated 30-pt. quiz associated with that lab. Arriving to a lab more than 10-minutes late is an absence, no exceptions. Students can only enter the Lab room at the beginning of a new Lab period (9:00 am OR ~11:00 am). **Do not use phones or computers during Lecture or Lab,** except by prior permission from Instructor.

Students MUST purchase a **REQUIRED Laboratory Manual and bring to Lab each Wednesday.**

Students MUST pass BOTH Lecture and Lab with greater than 60% of the available points in each to pass the full Biology 1102 course. ALL Lecture Exams and Lab Quizzes count toward the course grade calculation.

Course Components	Weight	Available points	Minimum Pts. needed to Pass with a D- (60%)
Lecture (6 Exams x 100-pts.)	65%	600	360
Laboratory (12 Quizzes x 30-pts.)	35%	360	216

There are NO extra credit assignments. Final Letter grades will approximate the following total course percentages.

A = 93-100%, A- = 90-92%

B+ = 87-89%, B = 83-86%, B- = 80-82%

C+ = 77-79%, C = 73-76%, C- = 70-72%

D+ = 67-69%, D = 63-66%, D- = 60-62%

F = 0-59%

Each Lab Quiz opens at 5:00 pm on the same Wednesday as the Lab topic and will remain open for one week until the start of Lab section the following Wednesday (9:00 am).

All Lab quizzes are online in HuskyCT, timed, CLOSED NOTES format and require Lockdown Browser and Camera functions. Students are allowed two attempts with the highest score automatically kept.

Students are REQUIRED to check their UConn email accounts before Wednesday Lab sections for important Biology 1102 course announcements, updates, or changes to the schedule.

Lab Schedule: Wednesdays 9:00 am – ~11:00 am and ~11:00 - ~1:00 pm

Meet in TLS 303/309

Day	Date	Lab
Wednesday	3 Jun	1. Safety / Microscopy
Wednesday	3 Jun	2. DNA Technology
Wednesday	10 June	3. Plant/Animal Reproduction
Wednesday	10 June	4. Genetics
Wednesday	17 June	5. Evolution
Wednesday	17 June	6. Cardiovascular System
Wednesday	24 June	7. Sensory Perception
Wednesday	24 June	8. Diet Analysis
Wednesday	1 July	9. Animal Diversity
Wednesday	1 July	10. Plant Diversity
Wednesday	8 July	11. Environmental Biology
Wednesday	8 July	12. Field Ecology

Example Student Final Course Grade Calculation:

Lecture Assessment	Example Student Points Earned	Total Points Available
Total of all 6 Lecture exams	552	600
Final Lecture Percentage		
Divide points Earned by points Available x 100	92%	

Lab	Student points Earned	Total points Available
	340	360
Divide points Earned by points Available x 100	Final Lab Percentage	94.4%

Final Grade Calculation: Lecture Lab Final number Final Letter grade
 $(92 \times 0.65) + (95 \times 0.35) = 93 = A$

Set reasonable goals. Aim high. If you must earn a B in this course to maintain honors status, get into the business school, maintain your GPA, get yourself off academic probation, etc., then do not aim for a D, aim two grades higher (B); that way, if you make mistakes or have difficulties, you will still have a good chance of getting the grade you need. **Better to over-prepare than under-prepare!**

A WARNING ABOUT CHEATING IN LECTURE OR LAB: Zero-tolerance policy for cheating in Biology 1102. Do NOT copy any answers, parts of answers, of any kind from any current or former Biology 1102 student. All answers on All assignments MUST be in the student's OWN words and represent the student's OWN original work created during the current semester of enrollment. **Note: NO TALKING during any exams/quizzes. No helpers or electronic devices allowed during online or in-person assessments. If any of these things are seen or heard by the instructor/TA or proctors DURING an Exam/Quiz in Lecture or Lab, the student automatically gets an F grade. You WILL lose points on the online exams if you don't follow the exam directions exactly (e.g., environment check, sound on).** <https://policy.uconn.edu/2023/07/11/academic-scholarly-and-professional-integrity-and-misconduct-aspim-policy-on/>

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Students with Disabilities

The University of Connecticut is committed to protecting the rights of individuals with disabilities and assuring that the learning environment is accessible. Students who require accommodations must contact the Center for Students with Disabilities, Wilbur Cross Building Room 204, (860) 486-2020 or <http://csd.uconn.edu/>. Accommodations must be set up for each class the student takes.

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. Although biology 1102 staff are notified of accommodations from the Center for Students with Disabilities, it is the student's responsibility to schedule course assessments with the CSD in advance and according to their timeline; accommodations cannot be made retroactively.

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 concern. Mental health services are included as part of the University's student health insurance plan and 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. Additional links that might be helpful: [Dean of Students Office](#), [Academic Achievement Center](#), [Writing Center](#), [Q Center](#), [Center for Students with Disabilities](#)

Accommodations for Illness or Extended Absences

If illness prevents you from attending many classes, it is your responsibility to notify your instructor as soon as possible. Depending on the length of absence, students may be required to provide some verification, usually from Dean of Student's (DOS) office. 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. Note: the DOS office cannot compel instructors to override, change, or make exceptions to the Instructor's established course policies.

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:

Minimum Technical Skills

Use electronic email with attachments.

For information on managing your privacy at the University of Connecticut, visit the [University's Privacy page](#).

This course requires LockDown Browser for Lab / Lecture assessments and uses webcam.

<https://download.respondus.com/lockdown/download.php?id=856213959>

Technical Help

[Technical and Academic Help](#) provides a guide to technical and academic assistance. This course uses the learning management platform, [HuskyCT](#). 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 [24x7 Course Support](#) including access to live chat, phone, and support documents. Student technology training is now available in a new HuskyCT short course created by students for students. It will prepare you to use the IT systems and services that you will use during your time at UConn whether learning online or on-campus. It is available at https://lms.uconn.edu/ultra/courses/_80016_1/cl/outline.

If you have problems with Duo 2-factor authentication (e.g., lost phone, broken computer, etc.)?

Go here:

<https://kb.uconn.edu/space/IKB/10748724267/Get+an+Alternative+Passcode+for+Forgotten%2FLost+Devices>

Or

Call the ITS Technology Support Center at (860) 486-HELP or (860)-486-4357 during business hours.