

Biology Science Majors II
Biology 1722.001 Spring 2026

Instructors: Pudur Jagadeeswaran (LIFE B120; phone 940-595-2736; jag@unt.edu)
Drop-In Location: Life Science Resource Center, Hickory Hall 266
Drop-In Hours: M 12:00 – 1:00 PM; W 12:00 – 1:00 PM

Zacchaeus Compson (EESAT 310J; phone 940-218-5253;
zacchaeus.compson@unt.edu)
Drop-In Location: Life Science Resource Center, Hickory Hall 266
Drop-In Hours: M 12:00 – 1:00 PM; W: 12:00 – 1:00 PM

Lecture Hours and Location: M/W/F 8:00 to 8:50 AM SAGE 116

Website: Canvas located at: unt.instructure.com. Check this website regularly, it will contain updates to the syllabus and files of the basic slides used in class. It is recommended that you go to the website the day before class to print out the pdf files and bring them to the lecture as note-taking aids.

Recommended Text: The textbook we will use in this course is Campbell Biology In Focus 4th Edition 2024. This is available as Mastering Biology with eText - ISBN: 9780135370483
Mastering Biology with eText + discounted looseleaf of textbook (combo code) ISBN: 9780135370537

The website listed below provides an additional resource for material covered in class.
<http://virtuallaboratory.colorado.edu/Biofundamentals/>

There is a free online book available at <https://openstax.org/details/books/biology-2e> and you may use the tutor available for \$10 at <https://openstax.org/openstax-tutor>

Objectives: This course is designed for science majors who are interested in general biology. We will emphasize animal and plant biology, and ecology during this semester. The intent of the course is to provide a strong background that will allow you to take higher-level courses in the life sciences and fulfill a laboratory science requirement at the university.

Grading:

1. **Quizzes:** For every chapter, there will be an online quiz (25 points each) and all the quizzes are worth 100 points total.
2. **Exams:** You will take three examinations during the semester and a final exam. The final exam is not comprehensive but will cover the material presented after the third exam. Each exam will be worth 100 points for a total of 400 points in the course. **No exam grades will be dropped from the calculation of the final grade.** Grades will be assigned according to the point breakdown listed below.

The quizzes and exams provide a total of 500 points that you can earn for the semester. Grades will be assigned according to the point system listed below.

<u>Grade</u>	<u>Total Points</u>
A	450 and above
B	400 to 449
C	350 to 399
D	300 to 349

Missed Exams: Exams may only be missed under extenuating circumstances or university sanctioned event, and must be accompanied by evidence of those circumstances. In these cases, student options for accounting for the missed exam are at the professor's discretion. Incompletes will only be assigned under extenuating circumstances when a student has a C average or above on the exams taken to date. No make-up's will be permitted for missed quizzes that may be administered during class.

Cheating Policy: All exams are to be taken independently. All notes and books should be stowed away during exams. In addition, all other electronics must be turned off and stowed during the exam. Cheating in any form will not be tolerated. Cheating includes, but is not limited to, copying from another's exam, talking to others during the exam, using notes on the exam, or using a phone for text messaging during the exam. Students caught cheating will receive a zero for that grade opportunity and a note will be placed in their permanent file. If caught cheating twice they will be permanently removed from the course.

Attendance: It is difficult to obtain all the information presented in lectures unless you get it "first hand." Lectures may deviate from the textbook and from material made available on Canvas as seen fit by your instructor. We cannot stress enough the importance of attending class, paying attention, and taking notes during class. ***Historically we have found that if you do not attend class, you should expect to do poorly in this course.*** We give online quizzes, which count towards your grade. If you miss these quizzes, they cannot be made up. Students are expected to attend class meetings regularly and to abide by the attendance policy established for the course. It is important that you communicate with us before being absent, so we can discuss and mitigate the impact of the absence on your attainment of course learning goals. Please inform us if you are unable to attend class meetings because you are ill, in mindfulness of the health and safety of everyone in our community.

Etiquette: We need to work together to ensure a high-quality teaching and learning environment. Disruptive and inconsiderate activities negatively affect the entire class and include talking, coming in late, leaving class for non-essential reasons, using cell phones, and general inattentive behavior.

Drop-In Hours: We will have regular drop-in hours during the semester. This year we will be having our hours in the new ***Life Science Resource Center in Hickory Hall 264***. This will also be the place where you can meet with the Supplemental Instructors or other professors teaching the same course for help. Please feel free to contact us if you have any difficulties or need further explanation of the material. We are also available by appointment if you are unable to make office hours. **Take advantage of our office hours, we are here to help you learn.**

Disabilities: The University of North Texas makes reasonable academic accommodations for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with an accommodation letter to be delivered to the faculty to begin a private discussion regarding your specific needs in a course. You may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member before implementation in each class. For additional information see the Office of Disability Accommodation website at <http://www.unt.edu/oda>. You may also contact them by phone at 940.565.4323.

Religious Holidays:

A student shall be excused from attending classes, or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this provision may not be penalized for that absence

and shall be allowed to take an examination or complete an assignment within a reasonable time after the absence. Students desiring to observe a religious holy day which will result in a class absence, must notify their instructor in writing for each class no later than the 15th calendar day after the first class day of the semester in which the absence will occur.

Supporting Your Success and Creating an Inclusive Learning Environment

We value the many perspectives students bring to our campus. Please work with us to create a classroom culture of open communication, mutual respect, and inclusion. All discussions should be respectful and civil. Although disagreements and debates are encouraged, personal attacks are unacceptable. Together, we can ensure a safe and welcoming classroom for all. If you ever feel like this is not the case, please stop by our office and let us know. We are all learning together.

BIOL 1722-001 - BIOLOGY SCIENCE MAJORS II
SPRING 2026
Lecturers: Pudur Jagadeeswaran and Zacchaeus Compson
Lecture Schedule

Day	Topic	Ch.	Instructor
M 1/12	The Internal Environment of Animals	32	Jagadeeswaran
W 1/14	The Internal Environment of Animals	32	Jagadeeswaran
F 1/16	Animal Nutrition	33	Jagadeeswaran
W 1/21	Animal Nutrition	33	Jagadeeswaran
F 1/23	Circulation and Gas Exchange	34	Jagadeeswaran
M 1/26	Circulation and Gas Exchange	34	Jagadeeswaran
W 1/28	Circulation and Gas Exchange	34	Jagadeeswaran
F 1/30	The Immune System	35	Jagadeeswaran
M 2/2	The Immune System	35	Jagadeeswaran
W 2/4	Catch Up / Review		Jagadeeswaran
F 2/6	Exam 1		Jagadeeswaran
M 2/9	Reproduction and Development	36	Jagadeeswaran
W 2/11	Reproduction and Development	36	Jagadeeswaran
F 2/13	Neurons, Synapses, and Signaling	37	Jagadeeswaran
M 2/16	Neurons, Synapses, and Signaling	37	Jagadeeswaran
W 2/18	Neurons, Synapses, and Signaling	37	Jagadeeswaran
F 2/20	Nervous and Sensory Systems	38	Jagadeeswaran
M 2/23	Nervous and Sensory Systems	38	Jagadeeswaran
W 2/25	Nervous and Sensory Systems	38	Jagadeeswaran
F 2/27	Motor Mechanisms and Behavior	39	Jagadeeswaran
M 3/2	Motor Mechanisms and Behavior	39	Jagadeeswaran
W 3/4	Catch Up / Review		Jagadeeswaran
F 3/6	Exam 2		Jagadeeswaran
March 9-13	Spring Break		
M 3/16	Viruses, Bacteria and Archaea	17, 24	Compson
W 3/18	Viruses, Bacteria and Archaea	17, 24	Compson
F 3/20	Protists and Fungi	25, 26 (26.2)	Compson
M 3/23	Protists and Fungi	25, 26 (26.2)	Compson
W 3/25	Plant Diversity	26 (26.1, 26.3-26.5)	Compson
F 3/27	Plant Form and Function	28	Compson
M 3/30	Angiosperm Reproduction	30	Compson
W 4/1	Overflow		Compson
F 4/3	Examination 3		Compson
M 4/6	Plant Nutrition, Resource Acquisition and Transport	29	Compson
W 4/8	Plant Nutrition, Resource Acquisition and Transport	29	Compson
F 4/10	Plant Responses to Internal and External Signals	31	Compson
M 4/13	Plant Responses to Internal and External Signals	31	Compson
W 4/15	Population Ecology	40	Compson

F 4/17	Ecological Communities	41	Compson
M 4/20	Ecological Communities	41	Compson
W 4/22	Ecosystems and Energy	42	Compson
F 4/24	Ecosystems and Energy	42	Compson
M 4/27	Conservation Biology	43	Compson
W 4/29	Overflow and Review; Post-test		Compson
F 5/1	Reading Day		Compson
M 5/4	Exam 4 7:30 to 9:30 AM		Compson

- Schedule is ***tentative*** and may change without notice.
- April 10th, 2026, is the ***last day for a student to drop*** a course or all courses with a grade of W.

Please find the academic Calendar at the following link.

<https://registrar.unt.edu/sites/default/files/spring-2026-academic-calendar.pdf>