

Revised 06/12/2025



EAST TEXAS A&M

— UNIVERSITY —

BSC 1411 – 8AE/9TE – BOTANY
COURSE SYLLABUS: FALL 2025

INSTRUCTOR INFORMATION

Instructor: Christian A. Browne
Office Location: 8750 N Central Expy, Dallas, TX 75231
Office Hours: M/W 1 – 2 pm
Office Phone: 214-954-3600
University Email Address: Christian.Browne@tamuc.edu
Preferred Form of Communication: **Email**
Communication Response Time: I respond to email within 48 hours, Monday through Friday. Any attempts to contact me over the weekend will receive a prompt response upon the following business day.

COURSE INFORMATION

Textbook: Holes Human Anatomy and Physiology, by Shier et al.

There is no pre-printed laboratory manual for this course; materials will be available in the lab and via your MyLeo Online Lab section page.

Course Description

Summary: This course is the first half of the Human Anatomy & Physiology series. This course is a study of both the structure and function of various organ systems of the human body. This is a fundamental course for those pursuing careers in any medical field. Emphasis is placed on vocabulary pertaining to course content and anatomy of all systems covered in this course.

Student Learning Outcomes

Upon completion of this course, students should be able to:

1. Have basic knowledge of the structure and function of the human body, enabling students to make responsible decisions and conclusions relating to the anatomy of other living organisms.
2. Demonstrate basic skills and knowledge which may be used in allied health science fields or upper-level courses, thus preparing a person for coursework in

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the general sciences, biology, medicine, dentistry, veterinary science, or health and physical education.

Core Learning Objectives for BSC 2401

1. Students will be able to discern between relevant and irrelevant information, recognize bias in source material, and critically examine a diversity of source material.
2. Students will demonstrate the ability to synthesize a cogent body of knowledge from various sources of information, acknowledge the contributions/insights of others, and make independent judgments.
3. Student communication will be clear, purposeful, and make appropriate use of evidence, data and technology as applicable.
4. Students will be able to interpret, test and demonstrate principles revealed in empirical data.
5. Students will be able to work together toward a shared purpose relevant to the course or discipline with a sense of shared responsibility for meeting that purpose.

COURSE REQUIREMENTS

Student Responsibilities or Tips for Success in the Course

Regular weekly studying and fully reading the textbook, lecture slides, notes, reviews, and other materials provided on MyLeo for the class are critical for success in this class. Reading the preface of the textbook will help you understand key aspects of the book's layout and available resources that can aid your study, such as practice questions. Note that not all chapters may be used in the textbook, and even if a chapter is used, only certain sections may be used. Make notes and drawings using pen and paper or a tablet. Some items discussed in lecture, such as examples or exercises, may be on quizzes and exams but not present in the textbook. Any missed quizzes and exams you are responsible for making up. You can come to office hours or e-mail any questions.

GRADING

Final grades in this course will be based on the following scale:

Assessment	Points	Weight
Discussions	200	20%
10 Quizzes (10 points each)	100	10%
Written Assignments	100	10%
Lab Activities	200	25%
4 Exams (100 points each)	400	50%
<i>Total Points Possible</i>	1000	100%

Lab Activities	
Assessment	Percentage of Lab Grade

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Weekly Participation (Completion, Attendance, etc)	10%
Weekly Graded Work (Worksheets, Quizzes, etc.)	30%
Lab Reports (Including preliminary parts)	30%
Presentations (Midterm & Final)	10%
Exams (Midterm & Final)	20%
Total	100%

Grading Scale		
Percentage	Points	Letter Grade
90% - 100%	≥ 900	A
80% - 89%	800 - 899	B
70 – 79%	700 - 799	C
60 – 69%	600 - 699	D
59% or Below	≤ 599	F

Assessments

Exams (including Final): Exams will be multiple choice, true/false, fill-in-the-blank, and short-answer questions. Some questions may require you to draw diagrams. Exams will cover chapters discussed in class, and questions may come from the textbook, lectures, activities, lab, as well as other outside of class assignments, such as any videos. Reviews will be provided for exams online. Do not expect review time in lecture or lab. An in-class review may be provided for the final exam if time permits. You are responsible for studying all the exam materials and knowing the exam dates. **Note that no exam grades will be dropped. Do not expect extra credit on the exams.**

Student Research Project: Students will choose a plant species of your choice that is important to humans, such as corn (*Zea mays*) and research the evolution, ecology, human uses and cultural significance, and conservation threats to the plant (or to specific varieties of that species). The project will require the presentation of figures of any important statistics, plant anatomy, etc., and have sources properly cited (figures included).

Quizzes: There will be 10 quizzes held in class this fall semester. Each quiz will be worth 10 points. Quizzes will be a mix of multiple choice, free response, fill-in-the-blank, and occasionally short-answer questions. This may include drawing plant anatomy.

Materials for Exams and Quizzes: Students will need to bring their own pencils, erasers, and calculators. Phones and tablets are not calculators and are not permitted for use on exams and quizzes.

LAB ACTIVITIES

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Weekly Graded Work (Including Quizzes): This includes any worksheets and quizzes not part of the weekly participation grade. Quizzes are individual and not group assignments. **Note that make-up quizzes will not be offered.**

Lab Reports: There will be several written assignments, culminating in at least one complete lab report. There will be specific instructions given for these and posted at D2L. Students are expected to individually comprise their own unique lab reports. Any assignments exhibiting evidence of plagiarism will receive a grade of zero and are subject to further disciplinary action. All lab reports must be typed and utilize correct grammar and spelling. Failure to comply with this will result in points deducted from the assignment. Further instructions for these assignments will be given in class.

Exams: There will be a midterm and final lab exam. **Make-up exams for the lab are not allowed. If you must be absent on exam day for an excused reason, you must let the instructor know prior to exam time.**

Items Not Permitted: During exams and quizzes, no electronics other than calculators are allowed. Additionally, no food, drinks, books, notes, hats, sunglasses, or backpacks are permitted on the exam. Backpacks will need to be put at the front of the class during exams. Items left out such as cell phones will be taken by the instructor for the duration of the exam or quiz if left out. Having books, notes, or electronics out is considered cheating and could result in a zero for the exam or quiz.

Final Exams: Final exams are assigned dates by the University. Please see <http://www.tamuc.edu/admissions/registrar/academicCalendars/final-exam-schedule.aspx>

Cheating and Academic Dishonesty: Any student caught with notes, books, electronics, etc. that should not be out during exams or quizzes may receive a zero for the exam or quiz. Anyone working in groups will also receive zeros for the assessment. Looking at other students' papers is also considered cheating and may result in a zero for the assessment. If answers to free-response questions are sufficiently similar to your neighbor's, this may also result in a zero for the assessment. Possible additional disciplinary action may occur depending on the instance, including expulsion from the class.

Make-Up Work

If you miss any exams, quizzes, or other in-class assignments, valid proof of absence must be provided and the absence excused by the university before the assessment can be made up. Valid proof of absence includes doctor's notes or other official paperwork. Note that for any online assessments technical difficulties may not be accepted as a valid reason for make-up of the assessment if you had sufficient time to complete the assessment. If you miss an assessment, you must let me know within 3 days for the assessment to be made up.

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Attendance Policy

Attendance is mandatory for both lecture and lab. A seating chart may be used. Attendance will be taken every day for lab and lecture. Repeated absences are correlated with reduced grade performance. Disruptive behavior in class will not be tolerated. Missing 20% or more of the lecture (unexcused absences) is grounds to receive a grade of F for the course. Note that Labs have similar policies, and failing lab will virtually ensure failing the course. These policies may be adjusted as needed for health and safety.

Lecture Schedule			
Week	Week of	Chapter/Unit	Assessments
1	Aug. 25 th	Introduction to Human Anatomy and Physiology	
2	Sept. 2 nd	Chemical Basis of Life	
3	Sept. 8 th	Cells	
4	Sept 15 th	Cellular Metabolism	
5	Sept. 22 nd	Tissues	Sept 26th - Exam 1
6	Sept. 29 th		
7	Oct. 6 th		
8	Oct. 13 th	Integumentary System	
9	Oct. 20 th	Skeletal System	
10	Oct. 27 th	Joints of the Skeletal System	Wednesday, Oct 29th - Exam 2 (Ch. 7-12 and 16)
11	Nov. 3 rd	Muscular System	
12	Nov. 10 th	Nervous System I: Basic Structure and Function	
13	Nov. 17 th	Nervous System II: Divisions of the Nervous System	
14	Nov 24 th	Thanksgiving Break Nov. 24th - 28th,	
15	Dec. 1 st	Nervous System III: Senses	Wednesday, Dec 3rd - Exam 3
16	Dec. 8 th	Final Exam Review & Exam (Exact time TBA)	Wednesday, Dec 10th - Final Exam

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

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LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Zoom Video Conferencing Tool

https://inside.etamu.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor Statement

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

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University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the Student Guidebook.

<https://inside.etamu.edu/admissions/registrar/documents/studentGuidebook.pdf>.

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:

<https://www.britannica.com/topic/netiquette>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedures 13.99.99.R0.01](#)

<http://www.etamu.edu/admissions/registrar/generalInformation/attendance.aspx>

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

[Undergraduate Student Academic Dishonesty Form](#)

<http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

Graduate Students Academic Integrity Policy and Form

[Graduate Student Academic Dishonesty Form](#)

<https://inside.etamu.edu/aboutus/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10.pdf>

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

East Texas A&M University
Velma K. Waters Library Rm 162

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Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@etamu.edu

Website: [Student Disability Services](#)

<https://www.etamu.edu/student-disability-services/>

Nondiscrimination Notice

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and East Texas A&M Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.etamu.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all East Texas A&M campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

East Texas A&M Supports Students' Mental Health

The Counseling Center at East Texas A&M, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.etamu.edu/counsel

Mental Health and Well-Being

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The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



<http://telusproduction.com/app/5108.html>

AI use policy [Draft 2, May 25, 2023]

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

13.99.99.R0.03 Undergraduate Academic Dishonesty

13.99.99.R0.10 Graduate Student Academic Dishonesty

Department or Accrediting Agency Required Content

COURSE OUTLINE / CALENDAR

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