

Course: Animal Physiology Lecture

Course Number & Section: BIOL 3408_001 (4 credits including lab)

Instructor: Tara Korzekwa, MSc. Email: tara.korzekwa@tamusa.edu Office: STEM 311Z Office Hours: Wednesday & Thursday 11AM – 1PM; before/after class; by appointment; feel free to email me!

Meeting times: Mondays, Wednesdays, and Fridays from 9:00 AM – 9:50 AM **Location:** <u>Face-to-Face</u> in <u>STEM 141</u>; occasional virtual meetings may occur and will be posted through Blackboard Announcements and sent through Jagwire Email.

Lab: MUST BE ENROLLED IN BIOL 3408.01L or BIOL 3408.02L LAB CONCURRENTLY. REQUIRED COURSE PREREQUISITE: An earned grade of a C or better in BIOL 1306/1106, BIOL 1307/1107.

REQUIRED MATERIAL

Textbook (E-book): Hill, R. W., Cavanaugh, D. J., and Anderson, M. 2022. *Animal Physiology* (5th edition). Sinauer Associates, Inc., Sunderland, MA. ISBN: 9780197552438

<u>BOOK FEE WAS ASSESSED-YOU SHOULD HAVE ACCESS ON FIRST DAY OF CLASS</u> through the online Connect system <u>Do not pay again if you hit a paywall</u>!

- **You may also purchase a loose-leaf copy at a special rate from the publisher. This is a great option if you know you will need a physical copy of the text.
- ***Always bring a calculator (one that has a natural log key [In]) to class, especially lab. This makes you a participant, not simply an observer, when calculations are covered in class. Calculators with RNG (random number generator) functions are especially useful in lab. <u>Note: cell phones & affiliated apps are NOT allowed on exams</u>.*

Blackboard: <u>This is where you will go for lecture notes, some assignment submission links, grades, and weekly announcements.</u> Power-point versions of lectures will be posted on Blackboard; Announcements regarding lectures or labs may be posted on Blackboard; Grades for individual assignments/labs etc... will be posted on Blackboard as we go along.

Recommended (<u>HIGHLY</u>) Material: You will be required to bring an <u>882-E scantron</u> for each of your exams (<u>4</u> total; see schedule) and <u>a pencil</u>. You can purchase a scantron packet from the bookstore.



You are also **HIGHLY** encouraged to work off of a <u>computer or laptop with audio/microphone</u> as a phone does not have the capacity to run some of the virtual material. <u>If you need a computer or wi-fi</u>, please contact <u>IT directly for assistance</u>. IT contact information can be found in the Table of Contents in Blackboard as well as the University website. Furthermore, <u>computer labs on campus are open and available to you!</u> Finally, it is up to the student to have a **stable internet/browser connection** when conducting any online coursework.

Catalog Description and Prerequisites:

A study of the fundamental process of the animal systems. This course will cover physiological processes of animals from the molecular to organismal and population levels. Concurrent laboratory participation is required.



Note: Modern Biology is an integrative discipline, incorporating elements of Mathematics, Chemistry, Computer Science, and Writing. We expect that you have at least a basic understanding of each of these elements.

Learning Objectives:

This course will familiarize students with the basic principles of the integrated science of animal physiology,

i.e. the dynamics of physiological processes as influenced by interrelationships between organisms and their environment, including interactions with other organisms that leads to a diversity in form and function on earth. *Specifically:*

- Understand the physiological mechanisms that explain how **animals** work and function.
- Explore the diversity of physiological adaptations in animals.
- Integrate the chemical, molecular and cellular components of animal physiology into body function.
- Understand how cells, organs, and organ systems function in a variety of **invertebrates** and **vertebrates**.
- Students will be able to apply the scientific method to various scientific questions by formulating testable hypotheses, designing experiments, collecting data, statistically analyzing and interpreting data, and making appropriate conclusions based on those data,
- Students will demonstrate the ability to communicate scientific information through oral and written formats,
- Students will be able to use and understand the primary scientific literature of science,
- Students will gain a familiarity with core concepts of biology from genetics, evolution, and a diversity of biotic systems over the course of the semester, and
- Student will gain experience in using current technologies associated with the biological sciences.

Course Design

This course combines a lecture and laboratory section. These two sections will have different weight in your final grade for the course. The lecture section will be worth <u>75%</u> of your course grade. The laboratory section will be worth <u>25%</u> of your grade.

Lecture

You are expected to attend lecture and take notes for the material discussed in class. Power Point lecture notes may be available <u>after</u> lecture on Blackboard. Provided slides are meant as a <u>guide</u>, not as a replacement for attending lecture and will encourage some note-taking.

GRADING and METHODS OF ASSESSMENT

- Competencies will be demonstrated on assignments, quizzes, group presentations/peer critiques (participation), and exams. Exams will have a combination of essay, listing, multiple choice, and true/false questions. All types may not be included on each exam.
- 2. A student must master 70% of the competencies in order to receive credit for the course. A student demonstrating 90% or more knowledge of all competencies will receive an A in the course.
- 3. <u>All assignment, quiz, presentation/peer critique and exam submissions will be face-to-face.</u>



- 4. All methods of assessment will be graded on a point system.
- 5. All assignments, quizzes, group presentations/peer critiques, and exams are scheduled on the tentative syllabus schedule and Blackboard Calendar.
- 6. Take-home assignments will be handed out during class time and will not be emailed if absent; therefore, be sure to come to class!
- 7. You may turn course work in ahead of the deadline, <u>but if you miss the deadline, you will be assigned a</u> zero for the particular course work. <u>I DO NOT ACCEPT LATE WORK.</u>

The final grade will be determined as follows:

Lecture Exams	3 at 100pts = 300 pts
Cumulative Final Exam	= 200 pts
At-Work Group Presentation	= 80pts
In-Class Quizzes	10 at 10 pts each = 100 pts
Take-home_Assignments / In-Class Activities	5 at 20 pts each = 100 pts
Attendance / Participation Points	= <u>20 pts</u>
	800 pts total

Grading:

Throughout the semester you will be informed of your grade standing. Grades will be posted on Blackboard.

Grade Scheme: $90 - 100 = A$ $80 - 89 = B$ $70 - 79 = C$ $60 - 69 = D$ $< 59.5 = F$	ess of your
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****HINTS FOR SUCCESS.** Complete assignments and submit them in on time. <u>Do not wait until the night before</u> to study for exam or complete assignment. <u>All assessments are provided with plenty of completion time</u>.

Lecture Exams (Face-to-Face):

- 1. You will be given three (3) Lecture Exams & a Cumulative Final Exam.
- 2. Your <u>Lecture Exams</u> will consist of approximately 40-50 questions in the format stated in Grading Scheme #1 above.
 - Exams will be **given during the scheduled class time**; Feedback will be limited and provided during office hours or by appointment.
 - Exams <u>must be taken</u> on the <u>scheduled class date/time</u> in syllabus & Blackboard.
- 3. Your <u>Cumulative Final Exam</u> contains material from the entire semester. This exam must be taken (it <u>cannot</u> <u>be dropped or replaced</u>).
 - Your final exam will be in a format similar to your lecture exams.
 - Your final exam will consist of <u>100 questions and worth 200 points.</u>
 - Final Exam <u>must be taken</u> by the <u>due date</u> in the syllabus and University Final Exam Calendar and Blackboard <u>during the scheduled time</u>.
- 4. Exams must be taken when scheduled.
 - You may make up an exam only if
 - you contact me within <u>one day (24-hours)</u> of the scheduled exam



- your absence is one approved by college policies (illness, death in the family, other immediate-family emergencies). <u>Documentation will be required</u>.
- Again if I do not hear from you within 24 hours of the scheduled exam, you have forfeited the right to make up the exam.

Assignments/Activities: (5 at 20 points each = 100 points total)

- Points will vary throughout the semester but may include homework questions to emphasize the topics, writing comprehensive essays on assigned articles, literature research on current topics of interest related to the course, and class discussion/debates of current topics.
- Assignments/Activities will be handed out during class time and <u>will not be emailed</u> if absent; therefore, be sure to come to class!
- Assignments/Activities <u>cannot</u> be made up; therefore, please check the schedule and Blackboard.

Quizzes (during class time): 10 quizzes (10 points each = 100 points total)

- Quizzes are scheduled throughout the semester. These quizzes will vary in format but will be used to assess progress in course concepts. At the end of the semester, there will be an optional form of a makeup/extra credit quiz.
- Quizzes <u>cannot</u> be made up; therefore, please check the schedule and Blackboard.

Animal Physiology At-Work Presentations: (Group Effort; 80 points total)

- Group Presentations are informative, mini-teach presentation on key topics by student groups. All students will be responsible for the material presented during the group presentation (it may appear later on).
- Group Presentation Topics are randomly assigned. Instructions will be posted on Blackboard as well as covered during class time.
- Each group presentation will occur during a particular class session (see schedule and Blackboard).
- The group will provide the instructor a copy of the presentation via Blackboard submission link, which the instructor will upload for the presenters to use <u>the day before presenting</u>.
- Peer critiques and attendance points will occur on presentation days (see below); students are not required to evaluate/critique their own presentation. It is important to always support your peers so please plan to attend their presentations!

Attendance / Participation: (20 points)

This is a face-to-face course; therefore, actually coming to class is important. I will <u>randomly</u> take attendance during some lecture days, which can consist of <u>roll call</u>, activity participation, <u>question of the day submissions</u>, <u>etc.</u> Therefore, if you miss class and attendance is taken, you have <u>forfeited your attendance points</u> for that <u>day unless you provide a university-excused absence documentation (per the syllabus)</u>. <u>Attendance is worth</u> <u>20 points</u>, which *will be awarded on the first attendance day and will be deducted afterwards, if applicable*.

Makeup Policies:

Due to the nature of this course and the fact that exams, quizzes, and homework/assignments are given plenty notice and/or *are available for more than one week*, make-up opportunities will only be allowed for:

a. Hospitalization (evidence required),



b. Hospitalization of an immediate family for which you are the primary caretaker (<u>evidence required</u>), or
c. Incapacitating illness, such as COVID (evidence required).

If any of the above have prevented you turning in exams, quizzes, or assignment by the due date, you must contact me within 24 hours of the due date. **Due dates for anything assigned will be strictly enforced**.

Blackboard and Course Communication

All grades and assignments will be posted and accessible through the course's Blackboard site. Students must <u>log-in regularly to both the Blackboard site and to their TAMU-SA email account</u> to keep updated on information related to the class. Each student <u>MUST have an active TAMU-SA email account</u>. This will be the email address that is used for any communication between me and you. Students who e-mail me Monday-Thursday ordinarily can expect a response within 48 hours. Students who e-mail Friday-Sunday ordinarily can expect a response within 48 hours.

Use of Generative AI Permitted Under Some Circumstances or With Explicit Permission

There are situations and contexts within this course where you may be asked to use artificial intelligence (AI) tools to explore how they can be used. Outside of those circumstances, you should not use AI tools to generate content (text, video, audio, images) that will end up in any student work (assignments, activities, discussion responses, etc.) that is part of your evaluation in this course. Any student work submitted using AI tools should clearly indicate with attribution what work is the student's work and what part is generated by the AI. In such cases, no more than 25% of the student work should be generated by AI. If any part of this is confusing or uncertain, students should reach out to their instructor for clarification before submitting work for grading. Use of AI-generated content without the instructor's permission and/or proper attribution in this course qualifies as academic dishonesty and violates Texas A&M-San Antonio's standards of academic integrity.

NOTE: Guidance for how to cite AI-generators, like ChatGPT, can be found here https://apastyle.apa.org/blog/how-to-cite-chatgpt

STUDENT OBLIGATIONS

- Attendance: <u>Regular</u> and <u>punctual</u> attendance in all classes and laboratories, day and evening, is required. Students who are absent for any reason should always consult with their instructors prior to absence (if possible). <u>Both tardiness and early departure from class may be considered forms of</u> <u>absenteeism</u>. A student may be dropped if there are excessive absences. Review the college policies on attendance and excessive absences as stated in the college catalog.
- 2. <u>Students will need to check their emails daily in case of changes or updates to the class.</u>
- 3. A student absent for the equivalence of **2 weeks** of classes <u>may</u> be automatically dropped from the course with a "W".
- 4. The instructor will only withdraw students for nonattendance until the official Withdrawal Date. Students who have not withdrawn themselves or requested withdrawal by the instructor, and stop attending class after this date will receive a performance grade (A/B/C/D/F).
- 5. It is <u>not</u> the instructor's responsibility to provide a student with any notes, assignments, or reviews missed due to student absence. All materials may be obtained by contacting the instructor during office hours, getting with a classmate, and/or downloaded from your Blackboard course. <u>All material for the course is located on Blackboard.</u>
- 6. Email Etiquette: Professional email etiquette is a requirement when communicating with me (or

anyone) online. A proper greeting (e.g. Mrs. Korzekwa, Professor Korzekwa, Hello Mrs. Korzekwa, etc.) with a coherent message needs to be included with every email sent to me. **Emails that do not satisfy these conditions** <u>will be ignored</u>. *Please do not write emails as you would text or include the entire email body in the subject heading, and please be respectful to all.*

- 7. Assessments: All chapter homework, quizzes, and assignments are due Sunday by midnight on the Blackboard website. You are encouraged to get ahead on assignments. Once the deadline has passed, your score will be zero with no make-up opportunity if it has not been completed, unless your instructor states differently. Blackboard will have a calendar displaying when all assignments and exams are due. It is the student's responsibility to frequently check this calendar. Finally, it is up to the student to have a stable internet/browser connection when conducting online assignments. Feel free to utilize the campus or contact IT for assistance.
- 8. **Grades:** All grades are final at the end of the semester. If there is an issue, please make an appointment with me and be prepared to defend your case (i.e. bring <u>ALL</u> assignments, etc.).
- 9. Studying Tips: In college, it is expected that for every credit hour you spend in class, you spend 3 hours working on that material at home. Thus, in the class, it is expected that in addition to coming to class, you also spend 9 hours a week on outside work pertaining to this class. This of course <u>takes time-management skills</u>. <u>Please take this into consideration when planning your semester activities.</u>
- 10. Laptops and Cell Phones: If you are going to use your laptop for taking notes, please sit in the back row as research has shown computers disrupt others around and behind you. If I catch you doing something other than taking notes on your computer, you will be asked to leave. <u>ALL</u> cell phones must be placed on silent or off and put away during class time. If you are caught using a cell phone then you will be marked absent and possibly asked to leave the class. <u>Please inform me prior to class if you are expecting an emergency notification</u>. *Since some assessments are online, you are HIGHLY encouraged to work off of a computer or laptop with audio/microphone. Please coordinate with IT and feel free to use the campus resources such as computer labs, as needed.
- 11. **Questions:** Biology is an exciting discipline in the sciences, and one that I really enjoy teaching! If you have any questions over the content, email me!



<u>TENTATIVE</u> COURSE SCHEDULE *All Exams and quizzes will be given <u>face-to-face during class time</u> on the dates indicated below. All take-home/in-class assignments will be distributed and turned in during class time unless noted differently.						
be <u>distrib</u>	be <u>distributed and turned in during class time</u> unless noted differently. <u>LATE SUBMISSIONS ARE NOT ACCEPTED.</u>					
			AUGUST			
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
25	26 First Class Day: Syllabus Overview; Group Sign-ups	27	28 Ch. 1 Homeostasis	29	30 Ch. 1 / Assign. 1 handout	31
			SEPTEMBER			
1	2 MLK Day (Holiday)	3	4 Ch. 1 / 2 Molecules & Cells	5	6 Ch. 2 Molecules & Cells	7
8	9 Ch. 2 / 3 Genomics / Quiz 1 / Assign. 1 Due	10	11 Ch. 3 / 4 Epigenetics	12	13 Ch. 4 / 5 Transport of Solutes	14
15	16 Ch. 5 / Review / Quiz 2	17	18 Ch. 5 / Catchup / Review / Get into At-Work Groups	19	20 Exam 1	21
22	23 Ch. 6 Nutrition & Digestion / Assign. 2 handout	24	25 Ch. 6 Nutrition & Digestion	26	27 Ch. 6 / Quiz 3	28
SEPTEMBER / OCTOBER						
29	30 Ch. 7 Energy & Metabolism	1	2 Ch. 7 / 8 Energetics of Activity / Assign. 2 Due	3	4 Ch. 9 Energetics of Activity	5



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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
6	7 Ch. 10 Thermal Relations / Quiz 4	8	9 Group 1 Presentation: Life of Mammals in Frigid Places (Ch. 11)	10	11 Exam 2	12
13	14 Ch. 12 Neurons / Assign. 3 handout	15	16 Ch. 12	17	18 13 Synapses	19
20	21 Ch. 14 Sensory Processes / Quiz 5	22	23 Ch. 14 / Assign. 3 Due	24	25 Ch. 14 / Ch. 15 Nervous System Organization	26
	·		OCTOBER / NOVEMBER			
27	28 Ch. 15 / Ch. 16 Endocrinology	29	30 Ch. 16 Endocrinology / Assign. 4 Intro. / Quiz 6	31	1 Ch. 16 / Ch. 17 Reproduction	2
3	4 Ch. 17 / Quiz 7 / Assign. 4 Due Online by 11:59PM	5	6 Group 2 Presentation: Animal Navigation (Ch. 18)	7	8 Exam 3	9
10	11 Ch. 19 & 20 Movement & Muscles / <i>Assign. 5 Intro</i>	12	13 Group 3 Presentation: Plasticity in Response to Use and Disuse (Ch. 21)	14	15 Ch. 19 & 20 Movement & Muscles / Respiration Intro	16
17	18 Ch. 22-25 Oxygen & CO ₂ / Respiration / Quiz 8	19	20 Ch. 22-25 / Assign. 5 Due (online)	21	22 Ch. 22-25 Circulation	23



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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
24	25	26	27	28	29	30
	Group 4 Presentation: Diving		Study Day – No Class!		Thanksgiving Holiday –	
	by Marine Mammals (Ch. 26)				No Class!	
	/ Quiz 9					
			DECEMBER			
1	2	3	4	5	6	7
	Group 5 Presentation:		ONLINE: Ch. 27-29 Water &	Due at	Study Day – No Class!	
	Mammals of Deserts & Dry		Salt	11:59pm		
	Savannas (Ch. 30)					
			Quiz 10 / Optional Extra			
			<u>Credit Quiz 11 $\rightarrow \rightarrow \rightarrow$</u>			
8	9*	10	11	12	13	14
	Cumulative Final Exam from					
	12:00PM – 1:50PM in our					
	normal classroom.					
	Please reference the	University F	inal Exam Schedule for the date	e of your <u>Cumu</u>	lative Final Exam!	



IMPORTANT POLICIES AND RESOURCES

<u>Academic Accommodations for Individuals with Disabilities:</u> Texas A&M University-San Antonio is committed to providing all students with reasonable access to learning opportunities and accommodations in accordance with The Americans with Disabilities Act, as amended, and Section 504 of the Rehabilitation Act. If you experience barriers to your education due to a disability or think you may have a disability, Disability Support Services is located in the Central Academic Building, Suite 210. You can also contact us via phone at (210) 784-1335, visit us https://www.tamusa.edu/Disability-Support-Services/index.html or email us at **dss@tamusa.edu**. Disabilities may include, but are not limited to, attentional, learning, mental health, sensory, physical, or chronic health conditions. All students are encouraged to discuss their disability-related needs with Disability Support Services and their instructors as soon as possible.

<u>Academic Learning Center</u>: The Academic Learning Center provides free course-based tutoring to all currently enrolled students at Texas A&M University-San Antonio. Students wishing to work with a tutor can make appointments through the Brainfuse online tutoring platform. Brainfuse can be accessed in the *Tools* section of Blackboard. You can contact the Academic Learning Center by emailing tutoring@tamusa.edu, calling (210) 784-1307, or visiting the Central Academic Building, room 202. <u>Counseling/Mental Health Resources</u>: As a college student, there may be times when personal stressors interfere with your academic performance and negatively impact your daily functioning. If you are experiencing emotional difficulties or mental health concerns, support is available to you through the Student Counseling Center (SCC). To schedule an appointment, call 210-784-1331 or visit Madla 120.

All mental health services provided by the SCC are free and confidential (as the law allows). The Student Counseling Center provides brief individual and group therapy, crisis intervention, consultation, case management, and prevention services. For more information on SCC services visit tamusa.edu/studentcounseling

Crisis support is available 24/7 by calling the SCC at 210-784-1331 (after-hours select option '2').

Additionally, the TELUS Student Support App provides a variety of mental health resources to including support for in the moment distress, an anonymous peer to peer support network, mental health screenings, podcasts, and articles to improve your mental wellbeing.



<u>Emergency Preparedness</u>: JagE Alert is Texas A&M University-San Antonio's mass notification. In the event of an emergency, such as inclement weather, students, staff and faculty, who are registered, will have the option to receive a text message, email with instructions and updates. To register or update your information visit: https://tamusa.bbcportal.com/.

More information about Emergency Operations Plan and the Emergency Action Plan can be found here: https://www.tamusa.edu/about-us/emergency-management/.



Download the SafeZone App (https://safezoneapp.com/) for emergencies or call (210) 784-1911. Non-Emergency (210) 784-1900.

<u>Financial Aid and Verification of Attendance</u>: According to the following federal regulation, 34 CFR 668.21: U.S. Department of Education (DoE) Title IV regulation, a student can only receive Title IV funds based on Title IV eligibility criteria which include class attendance. If Title IV funds are disbursed to ineligible students (including students who fail to begin attendance), the institution must return these funds to the U.S. DoE within 30 days of becoming aware that the student will not or has not begun attendance. Faculty will provide the Office of Financial Aid with an electronic notification if a student has not attended the first week of class. Any student receiving federal financial aid who does not attend the first week of class will have their aid terminated and returned to the DoE. Please note that any student who stops attending at any time during the semester may also need to return a portion of their federal aid.

<u>Writing, Language, and Digital Composing Center:</u> The Writing, Language, and Digital Composing Center supports graduate and undergraduate students in all three colleges as well as faculty and staff. Tutors work with students to develop reading skills, prepare oral presentations, and plan, draft, and revise their written assignments. Our language tutors support students enrolled in Spanish courses and students composing in Spanish for any assignment. Our digital studio tutors support students working on digital projects such as eportfolios, class presentations, or other digital multimedia projects. Students can schedule appointments through JagWire under the Student Services tab. Click on "Writing, Language, and Digital Composing Center" to make your appointment. The Center offers face-to-face, synchronous online, and asynchronous digital appointments. More information about what services we offer, how to make an appointment, and how to access your appointment can be found on our website at https://www.tamusa.edu/academics/.

<u>Meeting Basic Needs</u>: Any student who has difficulty affording groceries or accessing sufficient food to eat every day or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to submit a CARE referral (https://www.tamusa.edu/university-policies/Student-Rights-and-Responsibilities/file-a-report.html) for support. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to direct you to available resources.

<u>Military Affairs</u>: Veterans and active-duty military personnel are welcomed and encouraged to visit the Office of Military Affairs for any question involving federal or state VA Education Benefits. Visit the Patriots' Casa building, room 202, or to contact the Office of Military Affairs with any questions at military.va@tamusa.edu or (210)784-1397.

<u>Religious Observances</u>: Texas A&M University-San Antonio recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holidays according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or course work requirements that may be missed due to a religious observance provided they notify their instructors before the end of the second week of classes for regular session classes.

<u>The Six-Drop Rule:</u> Students are subject to the requirements of Senate Bill (SB) 1231 passed by the Texas Legislature in 2007. SB 1231 limits students to a maximum of six (6) non-punitive course drops (i.e., courses a student chooses to drop) during their undergraduate careers. A non-punitive drop does not affect the student's GPA. However, course drops that exceed the maximum allowed by SB 1231 will be treated as "F" grades and will impact the student's GPA.

TEXAS A&M UNIVERSITY SAN ANTONIO

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Statement of Harassment and Discrimination: Texas A&M University-San Antonio is committed to the fundamental principles of academic freedom, equal opportunity, and human dignity. To fulfill its multiple missions as an institution of higher learning, A&M-San Antonio encourages a climate that values and nurtures collegiality and the uniqueness of the individual within our state, nation, and world. All decisions and actions involving students and employees should be based on applicable law and individual merit. Texas A&M University-San Antonio, in accordance with applicable federal and state law, prohibits discrimination, including harassment, on the basis of race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation, gender identity, gender expression, or pregnancy/parenting status. Individuals who believe they have experienced harassment or discrimination prohibited by this statement are encouraged to contact the appropriate offices within their respective units.

Texas A&M University-San Antonio faculty are committed to providing a safe learning environment for all students and for the university as a whole. If you have experienced any form of sex- or gender-based discrimination or harassment, including sexual assault, sexual harassment, domestic or dating violence, or stalking, know that help and support are available. A&M-San Antonio's Title IX Coordinator can support those impacted by such conduct in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, and more. The university strongly encourages all students to report any such incidents to the Title IX Coordinator. Please be aware that all A&M-San Antonio employees (other than those designated as confidential resources such as counselors and trained victim advocates) are required to report information about such discrimination and harassment to the university. This means that if you tell a faculty member about a situation of sexual harassment, sexual violence, or other related misconduct, the faculty member must share that information with the university's Title IX Coordinator (titleix@tamusa.edu, 210-784-2061, CAB 439K). If you wish to speak to a confidential employee who does not have this reporting requirement, you can contact the Student Counseling Center at (210) 784-1331 or visit them in Madla 120.

Pregnant/Parenting Students: Texas A&M-San Antonio does not require a pregnant or parenting student, solely because of that status or issues related to that status, to (1) take a leave of absence or withdraw from their degree or certificate program; (2) limit the student's studies; (3) participate in an alternative program; (4) change the student's major, degree, or certificate program; or (5) refrain from joining or cease participating in any course, activity, or program at the University. The university will provide such reasonable accommodations to pregnant students as would be provided to a student with a temporary medical condition that are related to the health and safety of the student and the student's unborn child. These could include maintaining a safe distance from substances, areas, and activities known to be hazardous to pregnant individuals and their unborn child; excused absences because of illness or medical appointments; modified due dates for assignments; rescheduled tests/exams; taking a leave of absence; and being provided access to instructional materials and video recordings of lectures for excused absences, if these would be provided to any other student with an excused absence. Pregnant/parenting students are encouraged to contact the Title IX Coordinator with any questions or concerns related to their status (titleix@tamusa.edu; 210-784-2061; CAB 439K).

Texas A&M-San Antonio has also designated the Title IX Coordinator as the liaison officer for current or incoming students who are the parent or guardian of a child younger than 18 years of age. The Title IX Coordinator can provide students with information regarding support services and other resources.

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<u>Students' Rights and Responsibilities:</u> The following statement of students' rights and responsibilities is intended to reflect the philosophical base upon which University Student Rules are built. This philosophy acknowledges the existence of both rights and responsibilities, which is inherent to an individual not only as a student at Texas A&M University-San Antonio but also as a citizen of this country.

Students' Rights

- 1. A student shall have the right to participate in a free exchange of ideas, and there shall be no University rule or administrative rule that in any way abridges the rights of freedom of speech, expression, petition and peaceful assembly as set forth in the U.S. Constitution.
- 2. Each student shall have the right to participate in all areas and activities of the University, free from any form of discrimination, including harassment, on the basis of race, color, national or ethnic origin, religion, sex, disability, age, sexual orientation, gender identity, gender expression, and pregnancy/parenting or veteran status in accordance with applicable federal and state laws.
- 3. A student has the right to personal privacy except as otherwise provided by law, and this will be observed by students and University authorities alike.
- 4. Each student subject to disciplinary action arising from violations of university student rules shall be assured a fundamentally fair process.

Students' Responsibilities

- 1. A student has the responsibility to respect the rights and property of others, including other students, the faculty, and administration.
- A student has the responsibility to be fully acquainted with the published University Student Rules found in the Student Handbook, Student Code of Conduct, on our website, and University Catalog, and to comply with them, as well as with federal, state, and local laws.
- 3. A student has the responsibility to recognize that student actions reflect upon the individuals involved and upon the entire University community.
- 4. A student has the responsibility to recognize the University's obligation to provide a safe environment for learning.
- 5. A student has the responsibility to check their university email for any updates or official university notifications.

We expect that students will behave in a manner that is dignified, respectful, and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation, or disability. Conduct that infringes on the rights of another individual will not be tolerated.

Students are expected to exhibit a high level of honesty and integrity in their pursuit of higher education. Students engaging in an act that violates the standards of academic integrity will find themselves facing academic and/or disciplinary sanctions. Academic misconduct is any act, or attempt, which gives an unfair advantage to the student. Additionally, any behavior specifically prohibited by a faculty member in the course syllabus or class discussion may be considered as academic misconduct. For more information on academic misconduct policies and procedures please review the Student Code of Conduct (https://www.tamusa.edu/university-policies/student-rights-and-

responsibilities/documents/Student-Handbook-2022-23.pdf) or visit the resources available in the OSRR website (https://www.tamusa.edu/university-policies/student-rights-and-responsibilities/academic-integrity.html).



TEXAS A&M UNIVERSITY SAN ANTONIO

College of Arts and Sciences Department of Natural Sciences - Biology Program Fall 2024 Syllabus

<u>Important Dates:</u>	
August 26	First day of class
September 2	Labor Day Holiday
November 11	Last day to drop wit

- November 11 Last day to drop with an automatic "W"
- November 19 Last day to drop a course or withdraw from the University
- November 27 Study Day No classes
- November 28-30 Thanksgiving Holiday No classes
- December 5 Last day of classes
- December 6 Study Day No classes
- December 7-13 Final exams

The complete academic calendar is available online: https://www.tamusa.edu/academics/academic-calendar/index.html.