TEXAS A&M UNIVERSITY CENTRAL TEXAS

BACHELOR OF SCIENCE

BIOLOGY

ECOLOGY AND CONSERVATION BIOLOGY CONCENTRATION

2020-2021 TRANSFER GUIDE

PROGRAM DESCRIPTION

The Bachelor of Science in Biology program at Texas A&M University-Central Texas provides quality education with a rigorous, in-depth introduction to the breadth of the biological sciences discipline. Our professional faculty guide students through a high-quality course of study that will prepare you for future success. Through core courses and a diverse selection of upper-level courses, our program will prepare you for an entry-level career in biology or admission into a graduate school or professional health program (medical, veterinary, pharmacy, physical therapy or dental). This flexible degree program provides a broad knowledge base of the biological sub-disciplines, allowing you to specialize in biotechnology, ecology and conservation biology, and organismal biology.

The Ecology and Conservation Biology Concentration is for students who have an interest in studying the roles and interdependence that organisms have within an ecological system as well as conserving the ecosystem.

Visit our program page online for more information.
https://www.tamuct.edu/bsbiology

CAREER OPPORTUNITIES

Career opportunities for graduates with a degree in Biology include:

- Natural resource manager
- Park Naturalist
- Research in Ecological Systems
- Environmental consulting
- Research in Biological sciences
- Education and Teaching

ADMISSION PROCESS

1. Complete the undergraduate transfer application at applytexas.org.
2. Pay the non-refundable application fee or attend a transfer day for an application fee voucher.
3. Submit final official transcript(s) from ALL college level institutions previously attended.

CONTACT US

254-519-5438
www.tamuct.edu
1001 Leadership Place
Killeen, Texas 76549

FIRST YEAR

FIRST	CORE REQ	Communication Selection	3	All 1000 and 2000 level courses are to be taken from a transfer institution. Suggested course sequence should be discussed with representative from transfer institution.
	MATH 2313	Calculus I	3	
	BIOL 1406	Biology for Science Majors I [1]	4	
	CHEM 1411	General Chemistry I [1]	4	
SECOND	CORE REQ	Language, Philosophy, and Culture Selection	3	Meet with an A&M-Central Texas Admission Counselor or attend a local transfer event on a campus near you! Explore student organizations.
	BIOL 1407	Biology for Science Majors II [1]	4	
	CORE REQ	Social and Behavioral Sciences Selection	3	
	CORE REQ	Creative Arts Selection	3	
	CHEM 1412	General Chemistry II [1]	4	

SECOND YEAR

FIRST	CORE REQ	Communications Selection	3	Apply for admission to A&M-Central Texas!
	CORE REQ	American History Selection	3	
	CORE REQ	Government/Political Science Selection	3	
	CHEM 2423	Organic Chemistry I [1]	4	
SECOND	BIOL 2421	Microbiology for Science Majors [1]	4	Meet with an A&M-Central Texas academic advisor to establish a custom plan to graduation (Student Education Planner). Add A&M-Central Texas to your Free Application for Federal Student Aid (FAFSA). School Code: 042295
	CORE REQ	American History Selection	3	
	CORE REQ	Government/Political Science Selection	3	
	PHYS 1401	College Physics I [1]	4	
	CHEM 2425	Organic Chemistry II [1]	4	

THIRD YEAR

FIRST	BIOL 3452	Principles of Genetics [1]	4	Get involved! Visit Student and Civic Engagement and join a student organization at A&M-Central Texas. Meet with Career and Professional Development to explore internship and student employment opportunities.
	BIOL 3401	Ecology [1]	4	
	CHEM 4430	Biochemistry I [1]	4	
	MATH 3350	Principles of Bio-Statistics [1]	3	
SECOND	BIOL 4301	Conservation Biology [1]	3	Meet with advisor to update Student Education Planner if necessary. Explore study abroad opportunities.
	BIOL 3440	Invertebrate Zoology [1]	4	
	BIOL 3380	Research Methods [1]	3	
	CHEM 4431	Biochemistry II [1]	4	

FOURTH YEAR

FIRST	ELEC	Any Level Elective	3	Verify plan for graduation with academic advisor. Meet with Career and Professional Development and prepare for future job interviews. Submit graduation application and attend Graduation Fair.
	BIOL 4380	Evolution [1]	3	
	ELEC	Faculty Approved Elective	3	
	ELEC	Faculty Approved Elective	4	
	ELEC	Any Level Elective	3	
SECOND	BIOL 4302	Restoration Ecology [1]	3	Submit graduation application and attend Graduation Fair.
	BIOL 4395	Biology Capstone [1]	3	
	BIOL 4346	Animal Behavior [1]	3	
	BIOL 3430	Botany [1]	4	

NOTES Transfer guides are for general advising and planning purposes only. Enrollment in specific courses may also complete core requirements, resulting in additional elective opportunities. Official degree plans will be established at the time of admission. Please refer to the University catalog for policies, course descriptions, and prerequisite information. Transfer guides are subject to change based on catalog year. | ([1]) Courses must be completed with a "C" or better.