Biology | Bachelor's Degree



	FIRST YEAR	MIDDLE YEARS	LAST YEARS
ADVANCE your academic journey	Meet with a <u>First Year Advisor</u> to develop your academic planning.	Schedule appointments with the COSE <u>Advising Center</u> and follow registration instructions for course guidance.	Check your Degree Audit & meet with your academic advisor.
	Participate in the Experiential Education Certificate program.	Consult the <u>Pre-Health Advising website</u> for information on applying to nursing school or health profession programs.	Explore next steps including potential graduate programs.
	Adopt your University Seminar US1100 learning as key	Check out the <u>Collaborative Learning Center (CLC)</u> for learning assistance.	Complement your degree with a micro credential.
	for first year success.	Explore external scholarship opportunities such as the <u>Fulbright</u> Scholarship to take your expertise to unique locations abroad.	Meet with a faculty mentor or peer advisor.
	Explore majors with a <u>MyMajors assessment</u>	Regularly check the <u>curricula and flowchart</u> pre-requisites and co-requisites for courses may change over time.	Complete a capstone project related to major.
EXPAND your personal and social development	Review your degree plan for courses that include the Service-Learning Excellence program.	Consult your academic advisor and learn about <u>biology scholarship opportunities</u> .	Participate in <u>department of biology events</u> .
	Begin expanding your student experience by joining a student organization through the Bobcat Organization	Meet with an advisor in <u>Education Abroad</u> or <u>Study in America</u> to explore financial aid options toward learning in an international or national setting.	Seek out a leadership role with the Leadership & Service.
	HUB. Find biology-related groups to connect with others majoring within the college.	Discover <u>Global Online Learning Experiences</u> for courses with culturally dynamic perspectives.	Attend a <u>Student Government</u> Senate meeting to contribute to the TXST community.
	Join <u>science and engineering student organizations or</u> <u>clubs</u> to connect with others majoring within the	Participate in <u>Women in STEM initiatives</u> and the <u>Houston Louis Stokes STEM</u> Pathways and Research Alliance (<u>HLSAMP</u>)	Attend <u>financial literacy workshops</u> (e.g., budgeting, student loans, taxes).
	college.	Participate in <u>The Big Event</u> to give back to the regional community.	
ENRICH your practical competence	Explore the <u>TXST One Stop</u> for more information about the scholarships provided to new and continuing students.	Explore <u>research experience</u> opportunities to learn alongside faculty members or graduate students.	Explore <u>Undergraduate Research Opportunities</u> to gain hands-on experience and build research skills alongside faculty mentors.
	Attend an <u>IDEA Center</u> workshop to learn more about undergraduate research.	Learn about <u>Global Career Accelerator</u> options that give you experience with global companies and in-demand tech skills.	Join a professional organization in your major or passion.
	Consider the STEM Communities Learning Assistance program.	Get internship guidance from the <u>internship staff in Career Services</u> . Check out the <u>National Science Foundation (NSF) Research Experiences for Undergraduates (REU) Summer Program</u> .	Attend a conference related to your major (get recommendations from a faculty) or your student organization.
			Deliver a presentation in a student conference, workshop, seminar or community organization.
ELEVATE your career and professional life	Complete your <u>Career Assessments</u> , such as Focus2.	Build <u>Career & Graduate School Fairs</u> into your schedule to ensure your connection maximum opportunities.	Attend <u>employer info sessions</u> at Career Services.
	Create your <u>Handshake</u> profile.	Join Employer Information Sessions at Career Services or your department.	Develop a full-time employment or graduate school plan with <u>Career Services</u> .
	Create your Linkedin profile and connect with colleagues and leaders.	Prepare to <u>ace your job interviews</u> with Career Services or your academic department.	Complete your <u>First Destination Survey</u> to share your post-graduation plans.
	Develop and review your <u>resume</u> with Career Services.		Identify faculty and professional references.

Department of Biology P: 512.245.2178 biology@txstate.edu MEMBER THE TEXAS STATE UNIVERSITY SYSTEM OUTCOMES

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OUTCOMES

Marketable Skills

Think critically

Analyze and solve problems

Communicate clearly and effectively

Ability to collaborate manifested as ability to work on research teams and academic teams to develop presentations, and ability to follow oral and written instructions and to provide clear instructions to others

Ability to convey scientific ideas and concepts orally and in writing in a manner appropriate to the audience; ability to understand, interpret and summarize oral and written scientific communications; ability to criticize arguments rationally

See more marketable skills for this major

Experiences in Biology

The bachelor of science degree with major in biology focuses on the study of living things and encompasses every aspect of their existence from zygote to maturity. Biological sciences include studies of organisms and their component parts as well as the environment in which they live. Accordingly, every faculty member in the department is involved in the undergraduate program in biology to lead students through a broad range of courses that support their entrance to medical or other professional schools, graduate programs, and the workforce in laboratories or related fields. Students may participate in a variety of transforming experiences including internships for professional development, Education Abroad or Study in America for global and cultural enrichment, and membership in numerous student organizations for developing peer networks.

Career Opportunities

Health educator Ecologist or wetland scientist Biological technician or research Genetic counselor assistant Geographer Agricultural or food science technician **Biologist** Physical therapist Physician liaison Environmental scientist or Occupational health and safety specialist specialist Nurse practitioner Forensic scientist Quality control technician Pharmaceutical sales representative

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Food scientist