



	YOUR CLASS SCHEDULE	ACADEMIC ADVISING	ENRICHING EXPERIENCES	LIFELONG SUCCESS
Freshman	<ul style="list-style-type: none"> • Complete at least 30 hours during your freshman year. • Pass ALL courses with a C or better. • Make sure that you have the prerequisites for a course before you enroll. • Pass all prerequisite courses with a C or better. 	<ul style="list-style-type: none"> • Participate in New Student Orientation • Meet with your Academic Advising Center Freshman Advisor before registration. • Register for classes as soon you are able to. 	<p>Prioritize Your Wellness</p> <ul style="list-style-type: none"> • Participate in campus recreation • Attend Financial Literacy seminars • Form healthy study habits <p>Build Your Community</p> <ul style="list-style-type: none"> • Use FalconLink & attend Club Day • Volunteer • Attend campus events <p>Explore Your World</p> <ul style="list-style-type: none"> • Attend an athletics event, musical performance, or visit the art gallery • Read books for enjoyment. 	<p>Build Your Brand</p> <ul style="list-style-type: none"> • Draft your resume • Register for the Job Board <p>Craft Your Future</p> <ul style="list-style-type: none"> • Explore career options • Meet with your instructors during their office hours: These individuals may be writing recommendation letters for you in the future.
	<ul style="list-style-type: none"> • Complete at least 30 hours during your sophomore year. • Pass all courses with a C or better. • Make sure that you have the prerequisites for each of your courses and that you have passed these prerequisites with a C or better. 	<ul style="list-style-type: none"> • Meet with your Academic Advising Center Sophomore Advisor before registration. • Register for classes as soon as you are able to. 	<p>Prioritize Your Wellness</p> <ul style="list-style-type: none"> • Enjoy outdoor spaces on campus <p>Build Your Community</p> <ul style="list-style-type: none"> • Join an organization (ex: Biology Club) • Explore campus leadership (SGA, Orientation Leader, Resident Asst.) • Volunteer to tutor students at a local school or community org. <p>Explore Your World</p> <ul style="list-style-type: none"> • Attend a lecture series 	<p>Build Your Brand</p> <ul style="list-style-type: none"> • Update your resume • Join LinkedIn • Consider student employment <p>Craft Your Future</p> <ul style="list-style-type: none"> • Participate in mock interviews • Research local and regional job opportunities for biologists. Identify opportunities that are interesting to you. • Keep up with science news in your area of interest.
	<ul style="list-style-type: none"> • Complete at least 30 hours during your junior year. • Pass all courses with a C or better. • Make sure that you have the prerequisites for each of your courses and that you have passed these prerequisites with a C or better. 	<ul style="list-style-type: none"> • Meet with your Biology Advisor as soon as you have been assigned one. • Consult with your Biology Advisor before registration. Make sure you are on track, taking the right courses for graduation on time. • Register for classes as soon as you are able to. 	<p>Prioritize Your Wellness</p> <ul style="list-style-type: none"> • Attend a health fair <p>Build Your Community</p> <ul style="list-style-type: none"> • Run for organization officer role • Apply to be a Falcon Ambassador <p>Explore Your World</p> <ul style="list-style-type: none"> • Consider study abroad • Participate in service learning 	<p>Build Your Brand</p> <ul style="list-style-type: none"> • Update your resume <p>Craft Your Future</p> <ul style="list-style-type: none"> • Research internship and part-time job opportunities in your area of interest. • Research local and regional companies and organizations that hire biologists in your area of interest.
	<ul style="list-style-type: none"> • Complete the remaining hours for your degree during your senior year. • Pass all courses with a C or better. • Make sure that you have the prerequisites for each of your courses and that you have passed these prerequisites with a C or better. 	<ul style="list-style-type: none"> • Check with your Biology Advisor early in the fall semester to make sure you are on track to complete all requirements for graduation. • Consult with your Biology Advisor before registration. Register for classes as soon as you are able to. • Apply for graduation at the beginning of the spring semester and give your Biology Advisor a copy of your Degree Check. 	<p>Prioritize Your Wellness</p> <ul style="list-style-type: none"> • Attend financial literacy seminars <p>Build Your Community</p> <ul style="list-style-type: none"> • Attend your ring ceremony • Join Alumni Association upon graduation <p>Explore Your World</p> <ul style="list-style-type: none"> • Consider study abroad (summer prior to senior year) • Take BIOL 3196 and assist an instructor in one of the biology teaching labs. 	<p>Build Your Brand</p> <ul style="list-style-type: none"> • Update your resume <p>Craft Your Future</p> <ul style="list-style-type: none"> • Participate in an internship or fellowship • Apply for jobs • Sign up for mock interviews during the summer before your senior year

UTPB students will graduate with these skills:

- Empirical and Quantitative Skills
- Adaptability
- Communication
- Planning and Organization
- Research
- Teamwork
- Critical Thinking

Career opportunities:

- Biological Technician
- Microbiological Technician
- Zoologist
- Wildlife Biologist
- Environmental Health Specialist



Bachelor of Science

BIOLOGY, GENERAL STUDIES PLAN

Degree Map | 2019-2020

Bachelor of Science in Biology, General Studies Plan

Semester 1 Semester 2

BIOL 1306/1106 General Biology I BIOL 1307/1107 General Biology II
ENGL 1301 Composition I ENGL 1302 Composition II
HIST 1301 U.S. History I HIST 1302 U.S. History II
PLSC 2305 American National Politics PLSC 2306 State and Local Politics
UNIV 1101 Freshman Seminar Social/Behavioral Science General Education course
14 hours 16 hours

Semester 3 Semester 4

BIOL 3350/3151 Human Anatomy OR BIOL 3350/3151 Human Anatomy OR
BIOL 3310/3111 Invertebrate Zoology BIOL 3312/3113 Vertebrate Zoology OR
CHEM 1311/1111 General Chemistry I BIOL 3230/3231 Botany
MATH 2413 Calculus I CHEM 1312/1112 General Chemistry II
COMM 1315 Introduction to Public Speaking MATH 2414 Calculus II
COSC 1335 Computers and Problem Solving
15 hours 15 hours

Semester 5 Semester 6

BIOL 4340/4340R Genetics OR BIOL 4340/4340R OR
BIOL 3352/3153 Human Physiology BIOL 3352/3153 Human Physiology
CHEM 3311/3113 Organic Chemistry I CHEM 3312/3114 Organic Chemistry II
PHYS 1301/1101 OR 2325/2125 Physics I PHYS 1302/1102 OR 2326/2126 Physics II
Creative Arts General Education course OR Creative Arts General Education course OR
ENGL 2300 Level Elective ENGL 2300 Level Elective
15 hours 15 hours

Semester 7 Semester 8

BIOL 4342 Evolution OR BIOL Elective BIOL 4342 Evolution OR BIOL Elective
BIOL Elective BIOL 3300/3101 Microbiology OR
ENGL 3000 Level Elective OR NTSC 4311 History and Philosophy of Science BIOL 3324/3125 Cell Biology
Philosophy of Science ENGL 3000 Level Elective OR NTSC 4311 History and
CHEM 3324/3125 Analytical Chemistry Philosophy of Science
Free elective hours Free elective hours
15-17 hours 13-15 hours