



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

**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**