Bachelor of Science
BIOLOGY, GENERAL STUDIES PLAN
Degree Map | 2020-2024

<table>
<thead>
<tr>
<th>YOUR CLASS SCHEDULE</th>
<th>ACADEMIC ADVISING</th>
<th>ENRICHING EXPERIENCES</th>
<th>LIFELONG SUCCESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete at least 30 hours during your freshman year.</td>
<td>Participate in New Student Orientation</td>
<td>Prioritize Your Wellness</td>
<td>Build Your Brand</td>
</tr>
<tr>
<td>Pass ALL courses with a C or better.</td>
<td>Meet with your Academic Advising Center Freshman Advisor before registration.</td>
<td>Participate in campus recreation</td>
<td>Draft your resume</td>
</tr>
<tr>
<td>Make sure that you have the prerequisites for a course before you enroll.</td>
<td>Register for classes as soon you are able to.</td>
<td>Attend Financial Literacy seminars</td>
<td>Register for the Job Board</td>
</tr>
<tr>
<td>Pass all prerequisite courses with a C or better.</td>
<td></td>
<td>Form healthy study habits</td>
<td>Craft Your Future</td>
</tr>
<tr>
<td>sophomore</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete at least 30 hours during your sophomore year.</td>
<td>Meet with your Academic Advising Center Sophomore Advisor before registration.</td>
<td>Prioritize Your Wellness</td>
<td>Build Your Brand</td>
</tr>
<tr>
<td>Pass all courses with a C or better.</td>
<td>Register for classes as soon as you are able to.</td>
<td>Enjoy outdoor spaces on campus</td>
<td>Update your resume</td>
</tr>
<tr>
<td>Make sure that you have the prerequisites for each of your courses and that you have passed these prerequisites with a C or better.</td>
<td></td>
<td>Build Your Community</td>
<td>Craft Your Future</td>
</tr>
<tr>
<td>Junior</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete at least 30 hours during your junior year.</td>
<td>Meet with your Biology Advisor as soon as you have been assigned one.</td>
<td>Prioritize Your Wellness</td>
<td>Build Your Brand</td>
</tr>
<tr>
<td>Pass all courses with a C or better.</td>
<td>Consult with your Biology Advisor before registration. Make sure you are on track, taking the right courses for graduation on time.</td>
<td>Attend a health fair</td>
<td>Update your resume</td>
</tr>
<tr>
<td>Make sure that you have the prerequisites for each of your courses and that you have passed these prerequisites with a C or better.</td>
<td>Register for classes as soon you are able to.</td>
<td>Build Your Community</td>
<td>Craft Your Future</td>
</tr>
<tr>
<td>Senior</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Complete the remaining hours for your degree during your senior year.</td>
<td>Check with your Biology Advisor early in the fall semester to make sure you are on track to complete all requirements for graduation.</td>
<td>Prioritize Your Wellness</td>
<td>Build Your Brand</td>
</tr>
<tr>
<td>Pass all courses with a C or better.</td>
<td>Consult with your Biology Advisor before registration. Register for classes as soon as you are able to.</td>
<td>Attend financial literacy seminars</td>
<td>Update your resume</td>
</tr>
<tr>
<td>Make sure that you have the prerequisites for each of your courses and that you have passed these prerequisites with a C or better.</td>
<td>Apply for graduation at the beginning of the spring semester and give your Biology Advisor a copy of your Degree Check.</td>
<td>Build Your Community</td>
<td>Craft Your Future</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Explore Your World</td>
<td>Participate in an internship or craft your future</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Attend your ring ceremony</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Join Alumni Association upon graduation</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Consider study abroad (summer prior to senior year)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Take BIOL 3196 and assist an instructor in one of the biology teaching labs.</td>
</tr>
</tbody>
</table>

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

College of Arts & Sciences | Dean’s Office – ST 1226 | 432-552-2220 | www.utpb.edu/cas
### 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 Elective OR BIOL 4342 Evolution OR BIOL Elective
- BIOL Elective OR BIOL 3300/3101 Microbiology OR
- ENGL 3000 Level Elective OR NTSC 4311 History and Philosophy of Science
- BIOL 3324/3125 Cell Biology OR
- BIOL 3324/3125 Cell Biology OR
- CHEM 3324/3125 Analytical Chemistry OR
- CHEM 3324/3125 Analytical Chemistry OR
- Free elective hours
- Free elective hours

**15-17 hours 13-15 hours**