Urbana University
Bachelor of Science
BIOLOGY, SCIENCE CERTIFICATION
GRADES 4-8 CHEMISTRY MINOR  Degree Map | 2020-2024

YOUR CLASS SCHEDULE
Academic Advising
Enriching Experiences
Lifelong Success

Freshman
• 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.

• Participate in New Student Orientation
• Meet with your Academic Advising Center Freshman Advisor before registration.
• Talk with your advisor about the certification process.
• Register for classes as soon as you are able to.

Prioritize Your Wellness
• Participate in campus recreation
• Attend Financial Literacy seminars
Build Your Community
• Use FalconLink & attend Club Day
• Volunteer
• Attend campus events
Explore Your World
• Attend an athletics event, musical performance, or visit the art gallery
• Read books for enjoyment.

Build Your Brand
• Draft your resume
• Register for the Job Board
Craft Your Future
• Explore career options
• Meet with your instructors during their office hours: These individuals may be writing recommendation letters for you in the future.

Sophomore
• 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.

• Meet with your Academic Advising Center Sophomore Advisor before registration.
• Talk with your advisor about the certification process.
• Register for classes as soon as you are able to.

Prioritize Your Wellness
• Enjoy outdoor spaces on campus
Build Your Community
• 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.
Explore Your World
• Attend a lecture series

Build Your Brand
• Update your resume
• Join LinkedIn
Craft Your Future
• Participate in mock interviews
• Complete the requirements for admission to the certification program.
• Apply for admission to the Teacher Preparation Program during the spring semester.

Junior
• 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.

• Meet with your Biology Advisor as soon as you have been assigned one.
• Meet with your Certification Advisor in the College of Education.
• Register for classes as soon as you are able to.

Prioritize Your Wellness
• Attend a health fair
Build Your Community
• Run for organization officer role
• Apply to be a Falcon Ambassador
Explore Your World
• Consider study abroad
• Participate in service learning

Build Your Brand
• Update your resume
Craft Your Future
• Meet with your Education professors. Ask about their research and experiences.
• Begin preparing for the Science 4-8 and PPR TExES exams.

Senior
• Complete the remaining hours for your degree during your senior year.
• Pass all courses with a C or better.
• Make sure you have the prerequisites for each of your courses and that you have passed these prerequisites with a C or better.

• Check with your Biology Advisor early in the fall semester to make sure you are on track to complete all requirements for graduation.
• Meet with your Certification Advisor about your progress in the certification process.
• Consult with your Biology Advisor before registration. Register for classes as soon as you are able.
• Apply for graduation at the beginning of the spring semester and give your Biology Advisor a copy of your Degree Check.

Prioritize Your Wellness
• Attend financial literacy seminars
Build Your Community
• Attend your ring ceremony
• Join Alumni Association upon graduation
Explore Your World
• Consider study abroad (summer prior to senior year)

Build Your Brand
• Update your resume
Craft Your Future
• Complete the requirements for Student Teaching during the fall semester.
• Pass the Science 4-8 and PPR TExES exams by the end of the spring semester.
• Apply for certification at the end of the spring semester.
• Apply for teaching positions for the fall.

UTPB students will graduate with these skills:
• Empirical and Quantitative Skills
• Adaptability

Career opportunities:
• Elementary or Middle School Science Teacher
• Science Educator for nonprofit organization

College of Arts & Sciences | Dean’s Office – ST 1226 | 432-552-2220 | www.utpb.edu/cas
# Bachelor of Science in Biology, Grades 4-8 Certification Plan

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
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<tbody>
<tr>
<td>BIOL 1306/1106 General Biology I</td>
<td>BIOL 1307/1107 General Biology II</td>
</tr>
<tr>
<td>MATH 1314 College Algebra</td>
<td>MATH 1350 Elementary Math I</td>
</tr>
<tr>
<td>PSYC 1301 Introduction to Psychology</td>
<td>PSYC 3341 Child/Adolescent Psychology</td>
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<tr>
<td>ENGL 1301 Composition I</td>
<td>ENGL 1302 Composition II</td>
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<tr>
<td>COMM 1315 Introduction to Public Speaking</td>
<td>EDUC 3352 The Exceptional Child</td>
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<tr>
<td>UNIV 1101 Freshman Seminar</td>
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<tr>
<td><strong>17 hours</strong></td>
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<tr>
<th>Semester 3</th>
<th>Semester 4</th>
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<tbody>
<tr>
<td>CHEM 1311/1111 General Chemistry I</td>
<td>CHEM 1312/1112 General Chemistry II</td>
</tr>
<tr>
<td>HIST 1301 U.S. History to 1877</td>
<td>HIST 1302 U.S. History since 1877</td>
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<tr>
<td>PHYS 1301/1101 College Physics I</td>
<td>EDUC 4362 Foundations of Bilingualism or Multiculturalism</td>
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<tr>
<td>MATH 2350 OR MATH 2412</td>
<td>3000 level BIOL elective</td>
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<tr>
<td>3000 Level BIOL elective</td>
<td>BIOL 3372 Ecology</td>
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<tr>
<td><strong>17-18 hours</strong></td>
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<th>Semester 5</th>
<th>Semester 6</th>
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<tr>
<td>CHEM 3311/3113 Organic Chemistry I</td>
<td>CHEM 3312/3114 Organic Chemistry II</td>
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<tr>
<td>PLSC 2305 American National Politics</td>
<td>PLSC 2306 State and Local Politics</td>
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<td>2000 Level ENGL Elective</td>
<td>EDUC 4325 Reading in the Middle Grades</td>
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<tr>
<td>BIOL 4340/4340R Genetics OR EDUC 4326 Reading in the Content Area</td>
<td>EDUC 4326 Reading in the Content Areas OR BIOL 4340/4340R Genetics</td>
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<tr>
<td>EDUC 4321 Classroom Instruction and Management</td>
<td>BIOI 3300/3101 Microbiology OR BIOI 3324/3125 Cell Biology</td>
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<tr>
<td><strong>16 hours</strong></td>
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<tr>
<th>Semester 7</th>
<th>Semester 8</th>
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<tr>
<td>CHEM 3324/3125 Analytical Chemistry</td>
<td>EDUC 4099 Seminar: Student Teaching</td>
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<tr>
<td>NTSC 4311 History and Philosophy of Science</td>
<td>EDUC 4682 Student Teaching: Grades 4-8</td>
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<td>BIOL 4342 Evolution</td>
<td>COSC 1335 Computers and Problem Solving</td>
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<tr>
<td>EDUC 4374 Teaching Mathematics and Science: Grades 4-8</td>
<td>Creative Arts General Education course</td>
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<td>3000 Level BIOL elective</td>
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<tr>
<td><strong>16-17 hours</strong></td>
<td><strong>12 hours</strong></td>
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