

**Bachelor of Science in Biochemistry (BS BIOC)  
2024 - 2025 Advising Handout**

**Important Information About Your Degree**

- **College of Science Admission Requirement:** Students must demonstrate proficiency in College Algebra by placing into Math Level 2 or higher through the UNT Math Placement Exam (Not the same as TSI) OR completing College Algebra or higher with a grade of C or higher.
- **UNT Double-Dip Course Policy (Best Selection):** Courses shown in *italics* satisfy multiple degree program requirements. Students who do not take the Best Selection courses, will have to take additional courses to meet program requirements. Whether or not the course is taken to fulfill a specific university core category, all courses are required by the program to complete the degree. Electives may be required due to double-dipping.
- Hour and GPA Requirements for graduation/degree completion:
  - BS in Biochemistry requires at least 120 hours, 36 Advanced hours, 2.00 UNT GPA, 2.00 overall GPA and 2.5 Foundational GPA
- Courses marked with an asterisk (\*) require a grade of “C” or Higher
- Courses in **bold** require prerequisites. Prerequisites are listed in the university catalog with the course description.
- An official degree audit is required for graduation; Students **must** meet with an academic advisor to request that their audit be made official. Students can review degree requirements by running their audit at <http://mydegreeaudit.unt.edu/>
- For major-specific career information, contact the Department of Biological Sciences in LIFE A128 or at [biology@unt.edu](mailto:biology@unt.edu).
- For information about allied health graduate programs, contact the Office of Health Professions in Hickory Hall 256 or at [healthcareers@unt.edu](mailto:healthcareers@unt.edu).
- For teaching certification courses and requirements, contact [unt@unt.edu](mailto:unt@unt.edu).
- For assistance with TSI status or mandatory courses, contact [TSI@unt.edu](mailto:TSI@unt.edu).
- If interested in applying to the Forensic Science Program, visit <https://forensic.unt.edu/> for admission information and application.
- For additional program information visit <https://cos.unt.edu/advising> or contact the COS Advising Center at [cosadvising@unt.edu](mailto:cosadvising@unt.edu).

**Advising Notation Key**

<b>X</b> = Requirement Completed Credit is posted within the degree audit.	<b>IP</b> = In Progress/Pending Credit Advisor has seen proof from an unofficial transcript or an official score	<b>?</b> = Needs further evaluation Student may need to provide additional information. (ex. a course syllabus)
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Foundation Requirements:		
All Foundation courses need at least a C or higher and with a 2.50 or higher GPA before taking any advanced biology courses		
<i>BIOL 1710* – Principles of Biology I</i>		3
<i>BIOL 1760* – Biology for Science Majors Lab</i>		2
Complete one of the following two courses:		
<i>BIOL 1720* – Principles of Biology II</i>		3
<b>BIOL 2041* &amp; 2042* – Microbiology &amp; Lab</b>		4
<b>CHEM 1410* &amp; 1430* – General Chemistry I &amp; Lab</b>		4
<b>CHEM 1420* &amp; 1440* – General Chemistry II &amp; Lab</b>		4
<b>CHEM 2370* &amp; 3210* – Organic Chemistry I &amp; Lab</b>		4
<b>MATH 1650* – Pre-Calculus</b>		5
Major Requirements:		
Must complete all Foundation and Major courses with a C or higher		
<b>CHEM 2380* &amp; 3220* – Organic Chemistry II &amp; Lab</b>		4
<b>CHEM 3451* &amp; 3452* – Quantitative Analysis &amp; Lab</b>		4
<b>BIOC 4540* – Biochemistry I</b>		3
<b>BIOC 4550* – Biochemistry II</b>		3
<b>BIOC 4560* – Biochemistry Lab</b>		2
<b>BIOC 4570* &amp; 4580* – Biochem. &amp; Molecular Bio. of the Gene &amp; Lab</b>		5
<b>CHEM 3510* – Physical Chemistry I</b>		3
<b>CHEM 3520* – Physical Chemistry II</b>		3
<b>BIOL 3510 &amp; 3520* – Cell Biology &amp; Lab</b>		4
<b>BIOL 3451 &amp; 3452* - Genetics &amp; Lab</b>		4
Four hours of advanced biology courses with associated lab		
<b>BIOL 3000 - 4000* Lecture &amp; Lab: -</b>		4
Other Required Courses for Degree		
<b>MATH 1710* – Calculus I</b>		4
<b>MATH 1720 – Calculus II</b>		3
One of the following Physics Options:		
Option 1:		
<b>PHYS 1510* &amp; 1530 – General Physics I w/ Calculus &amp; Lab</b>		4
<b>PHYS 1520 &amp; 1440 – General Physics II w/ Calculus &amp; Lab</b>		4
Option 1:		
<b>PHYS 1710* &amp; 1730 – Mechanics &amp; Lab</b>		4
<b>PHYS 2220 &amp; 2240 – Electricity and Magnetism &amp; Lab</b>		4

University Core Requirements		
42 hours – Students may elect to take any course approved for the University Core Curriculum to fulfill these requirements; however, there are courses recommended in the core categories for students pursuing a Biochemistry major		
Composition I*:		3
<b>Composition II*:</b>		3
<i>Math:</i>		3
<i>Life &amp; Physical Science:</i>		3
<i>Life &amp; Physical Science:</i>		3
Creative Arts:		3
Language, Philosophy & Culture:		3
US History to 1865:		3
US History from 1865:		3
Federal Government:		3
Texas Government:		3
Social & Behavioral Sciences:		3
<i>Component Area Option I:</i>		3
<i>Component Area Option II:</i>		3
Minor Requirements		
All Biochemistry majors are awarded a Biology minor after completing their required biology courses within their degree requirements. Students can choose to add additional minors.		

\*This information is for **ADVISING ONLY** and is not official. Requirements can and do change without notification.