Bachelor of Science in Biochemistry
2020-2021 Checklist

University Core Requirements

Communication (English Composition):
- ENGL 1310: College Writing I

Creative Arts:
- *Choose from Catalog

Language, Philosophy, & Culture:
- *Choose from Catalog

American History to 1865:
- HIST 2610

American History since 1865:
- HIST 2620

Federal Government/Political Science:
- PSCI 2305

State Government/Political Science:
- PSCI 2306

Social & Behavioral Sciences:
- *Choose from Catalog

**Math, Science, & Component Area core requirements will be completed with major courses.

College of Science Requirements

Algebra Proficiency
To be admitted into the College of Science, students must complete College Algebra with a grade of C or higher OR demonstrate proficiency through a math placement exam.

Foundation Courses for Major
Complete the following courses with a grade of C or higher:
- BIOL 1710: Biology for Science Majors I
- BIOL 1760: Biology for Science Majors Laboratory
- One of the following options:
  - BIOL 2041 & 2042: Microbiology & Laboratory
  - BIOL 1720: Biology for Science Majors II
- CHEM 1410 & 1430: General Chemistry I & Laboratory
- CHEM 1420 & 1440: General Chemistry II & Laboratory
- CHEM 2370 & 3210: Organic Chemistry I & Laboratory
- MATH 1650: Pre-Calculus
- Minimum of 2.50 GPA in the above courses

Required Courses for Degree
Complete the following courses with a grade of C or higher:
- CHEM 2380 & 3220: Organic Chemistry II & Laboratory
- CHEM 3451 & 3452: Quantitative Analysis & Laboratory
- CHEM 3510: Physical Chemistry I
- CHEM 3520: Physical Chemistry II
- BIOC 4540: Biochemistry I
- BIOC 4550: Biochemistry II
- BIOC 4560: Biochemistry Laboratory
- BIOC 4570 & 4580: Biochemistry & Molecular Biology of the Gene & Laboratory
- BIOL 3510 & 3520: Cell Biology & Laboratory
- BIOL 3451 & 3452: Genetics & Laboratory
- 1 advanced biology course with laboratory

Required Courses for Degree

- MATH 1710: Calculus I
- MATH 1720: Calculus II
- TECM 2700: Technical Writing (C or higher if also used for core)
- One of the following physics options:
  - PHYS 1510 & 1530 & 1520 & 1540: General Physics I & II with Calculus & Laboratories
  - PHYS 1710 & 1730 & 2220 & 2240: Mechanics & Electricity and Magnetism & Laboratories

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.

Additional Requirements

- Minimum of 120 total hours
- Minimum of 36 advanced hours
- Check with an advisor to see if electives are necessary to reach minimums

College of Science Advising Center
Hickory Hall 283; (940) 369-8606; COSAdvising@unt.edu

This is an unofficial simplified checklist effective Fall 2020. Degree requirements are subject to change; please check with an advisor for any updates.

*Link to Catalog: http://catalog.unt.edu/content.php?catoid=23&navoid=2482