Bachelor of Science in Chemistry
2020-2021 Checklist

University Core Requirements

Communication (English Composition):
- ENGL 1310: College Writing I
- ENGL 1320: College Writing II or TECM 2700: Technical Writing

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.

Major Requirements

- CHEM 1410 & 1430: General Chemistry I & Laboratory
- CHEM 1420 & 1440: General Chemistry II & Laboratory
- CHEM 2370 & 3210: Organic Chemistry I & Laboratory
- CHEM 2380 & 3220: Organic Chemistry II & Laboratory
- CHEM 3451 & 3452: Quantitative Analysis & Laboratory
- CHEM 3510 & 3230: Physical Chemistry I & Laboratory
- CHEM 3520 & 3240: Physical Chemistry II & Laboratory
- CHEM 4610 & 4620: Advanced Inorganic Chemistry & Laboratory
- CHEM 4631 & 4632: Instrumental Analysis & Laboratory
- 6 additional hours of advanced chemistry (BIOC 4540: Biochemistry I to satisfy ACS certification requirements)

Required Courses for Degree

- MATH 1710: Calculus I
- MATH 1720: Calculus II
- MATH 2700: Linear Algebra and Vector Geometry
- MATH 2730: Multivariable Calculus
- PHYS 1710 & 1730: Mechanics & Laboratory
- PHYS 2220 & 2240: Electricity and Magnetism & Laboratory

Minor Requirements

- A minor of at least 18 hours in Mathematics, Computer Science, Physics, Biology, Geology (if taken as a laboratory science) or Materials Science, of which 6 hours must be advanced.

Additional Requirements

- Minimum 2.5 GPA on all advanced science and engineering courses
- 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.