Bachelor of Science in Chemistry with a Concentration in Forensic Science
2022 - 2023 Degree Requirements Checklist

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
OR completing College Algebra or higher with a grade of C or higher.

Chemistry Foundation Requirements
Students must complete the following courses with a C or higher.
- CHEM 1410 & 1430: General Chemistry I & Lab (4hrs)
- CHEM 1420 & 1440: General Chemistry II & Lab (4hrs)
- CHEM 2370 & 3210: Organic Chemistry I & Lab (4hrs)
- CHEM 2380 & 3220: Organic Chemistry II & Lab (4hrs)
- CHEM 3451 & 3452: Quantitative Analysis & Lab (4hrs)

Major Requirements
Students must complete the following courses with a C or higher.
- CHEM 3510 & 3230: Physical Chemistry I & Lab (4hrs)
- CHEM 3520 & 3240: Physical Chemistry II & Lab (4hrs)
- CHEM 4610: Advanced Inorganic Chemistry Lecture (3hrs)
- CHEM 4620: Advanced Inorganic Chemistry Lab (1hr)
- CHEM 4631 & 4632: Instrumental Analysis & Lab (4hrs)
- BIOC 4540: Biochemistry I (3hrs)

Forensic Science Concentration Requirements
Students must complete the following courses with a C or higher.
- BIOL 3331: Biomedical Criminalistics (3hrs)
- BIOL 4240: Forensic Microscopy (3hrs)
- BIOL 4590: Forensic Molecular Biology Lab (3hrs)
- CHEM 3330: Forensic Science Analysis (4hrs)
- CHEM 4351: Forensic Chemistry (3hrs)
- CHEM 4360: Principles of Forensic Science (3hrs)
- One of the following:
  - CHEM 4900: Forensic Science Internship (3hrs)
    ▪ Must be approved by Forensic Science Program Director
  - CHEM 4912: Undergraduate Research Experience

Biology Minor Requirements
Students must complete the following courses with a C or higher.
- BIOL 1710: Biology for Science Majors I (3hrs)
- BIOL 1760: Biology for Science Majors Lab (2hrs)
- BIOL 2041 & 2042: Microbiology & Lab (4hrs)
- BIOL 3451 & 3452: Genetics & Lab (4hrs)

Other Required Courses for Degree
- MATH 1710: Calculus I (4hrs) (C or higher)
- MATH 1720: Calculus II (3hrs) (C or higher)
- MATH 1780: Probability Models (3hrs)
- MATH 2730: Multivariable Calculus (3hrs)
- One of the following:
  - PHYS 1510 & 1530 and 1520 & 1540: General Physics I and II with Calculus & Labs (8hrs) (C or higher in both)
  - PHYS 1710 & 1730 and 2220 & 2240: Mechanics and Electricity & Magnetism & Labs (8hrs) (C or higher in both)

University Core Requirements
Communication – English Composition and Rhetoric (6hrs total)
  - ENGL 1310: First-Year Writing I (3hrs)
  - ENGL 1320: First-Year Writing II (3hrs) or TECM 2700: Technical Writing (3hrs)
Mathematics (at least 3hrs total)
  - Double-dips with major requirement
Laboratory Sciences (at least 6hrs total)
  - Double-dips with major requirement
Creative Arts (3hrs total)
  - See catalog or online degree audit for acceptable options
Language, Philosophy, & Culture (3hrs total)
  - See catalog or online degree audit for acceptable options
American History (6hrs total)
  - HIST 2610: US History to 1865 (3hrs)
  - HIST 2620: US History since 1865 (3hrs)
Government/Political Science (6hrs total)
  - PSCI 2305: (3hrs)
  - PSCI 2306: (3hrs)
Social & Behavioral Sciences (3hrs total)
  - See catalog or online degree audit for acceptable options
Component Area Option (6hrs total)
  - Double-dips with major requirement

Additional University Requirements
- Minimum of 120 total hours
- Minimum of 36 advanced hours
- Minimum 2.5 GPA on all advanced science, math, and engineering courses
- Minimum 2.000 UNT GPA
- Minimum 2.000 Overall GPA

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

This is an unofficial simplified checklist effective Fall 2022. Degree requirements and pre-requisites are subject to change, please check with an advisor for any updates. Online catalog - http://catalog.unt.edu/