**Bachelor of Science in Biology 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.

### Foundation Course Requirements

Students must complete the following courses with a C or higher and at least a 2.5 overall GPA in these courses to take advanced coursework for the degree.

- **BIOL 1710**: Biology for Science Majors I (3hrs)
- **BIOL 1720**: Biology for Science Majors II (3hrs)
- **BIOL 1760**: Biology for Science Majors Lab (2hrs)
- **BIOL 2041 & 2042**: Microbiology & Lab (4hrs)
- **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 3451 & 3452**: Quantitative Analysis & Lab (4hrs)

One of the following:

- **MATH 1680**: Elem. Probability & Statistics (3hrs)
- **MATH 1780**: Probability Models (3hrs)

### Major Requirements

Students must complete the following courses with a C or higher.

- **BIOL 3451 & 3452**: Genetics & Lab (4hrs)
- **BIOL 3510 & 3520**: Cell Biology & Lab (4hrs)
- **BIOL 3621 & 3622**: Principles of Biochemistry & Lab (4hrs)
- **CHEM 2380 & 3220**: Organic Chemistry II & Lab (4hrs)
- **CHEM 3451 & 3452**: Quantitative Analysis & Lab (4hrs)

### 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)
- **CHEM 4631 & 4632**: Instrumental Analysis & Lab (4hrs)
- **BIOL 4900**: Forensic Science Internship (3hrs)
  - Must be approved by Forensic Science Program Director

### Other Required Courses for Degree

- **MATH 1710**: Calculus I (4hrs)
- One of the following:
  - **PHYS 1410 & 1430 and 1420 & 1440**: General Physics I and II & Labs (8hrs)
  - **PHYS 1510 & 1530 and 1520 & 1540**: General Physics I and II with Calculus & Labs (8hrs)
- **TECM 2700**: Technical Writing (3hrs) (double-dips with core)

### Minor Requirements

All Biology majors are awarded a Chemistry minor after completing their required chemistry courses within their degree requirements. Students can choose to add additional minors.

### University Core Requirements

Communication – English Composition and Rhetoric (6hrs total)
- **ENGL 1310**: First-Year Writing I (3hrs)
- **TECM 2700**: Technical Writing (3hrs) (double-dips with major)

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 2.75 GPA in all math and science courses
- Minimum 2.000 UNT GPA
- Minimum 2.000 Overall GPA

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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/](http://catalog.unt.edu/)