Bachelor of Science in Physics
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

- PHYS 1710 & 1730: Mechanics & Laboratory OR
  PHYS 1410 & 1430 & 1420 & 1440: General Physics I & II & Laboratories OR
  PHYS 1510 & 1530: General Physics I with Calculus & Laboratory
- PHYS 2220 & 2240: Electricity and Magnetism & Laboratory OR
  PHYS 1520 & 1540: General Physics II with Calculus & Laboratory
- PHYS 3010 & 3030: Modern Physics & Laboratory
- PHYS 3210: Mechanics
- PHYS 3310: Mathematical Methods in the Physical Sciences
- PHYS 3420: Electronics
- PHYS 3510: Physics, Computation, and Software Applications
- PHYS 4110: Statistical and Thermal Physics

Minor Requirements

Minor is optional.

Required Courses for Degree

- MATH 1710: Calculus 1
- MATH 1720: Calculus 2
- MATH 2700: Linear Algebra and Vector Geometry
- MATH 2730: Multivariable Calculus
- MATH 3410: Differential Equations I
- CHEM 1410 & 1430: General Chemistry I & Laboratory
- CHEM 1420 & 1440: General Chemistry II & Laboratory

Additional Requirements

- Minimum 2.5 GPA on all advanced science and math 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.

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