Bachelor of Arts with a major 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.

- ☐ Foreign Language Requirement Options
  Must demonstrate proficiency at the 2050 level in one language: Arabic, Chinese, French, German, Italian, Japanese, Latin, Russian, Spanish, or American Sign Language

  OR

  COS Breadth
  Students can complete 12 hours from subjects outside of the College of Science. (*May not also apply to University Core.)*

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
- ☐ 15 additional hours of advanced physics

Required Courses for Degree

- ☐ **MATH 1710:** Calculus 1
- ☐ **MATH 1720:** Calculus 2
- ☐ **MATH 2730:** Multivariable Calculus
- ☐ **CHEM 1410 & 1430:** General Chemistry I & Laboratory
- ☐ **CHEM 1420 & 1440:** General Chemistry II & Laboratory

Minor Requirements

Minor is optional.

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