

## Bachelor of Science Physics, 2022 - 2023

This plan is one example of how to complete the degree in 4 years. It assumes starting with Math Placement Level 2. It will work for some, not all. Remember to take this information, meet with advisors, plan around your circumstances, and make your path. Degree requirements and pre-requisites are subject to change, please consult advisors for updates. Online catalog - <http://catalog.unt.edu/>

Freshman	Fall Semester - 15 hours		
	Course	Title	Hours
	MATH 1650*	Pre Calculus	5
	CHEM 1410 & 1430*	General Chemistry 1 & Lab	4
	ENGL 1310*	First-Year Writing 1	3
HIST 2610	US History up to 1865	3	

Spring Semester - 14 hours		
Course	Title	Hours
MATH 1710*	Calculus 1	4
CHEM 1420 & 1440	General Chemistry 2 & Lab	4
ENGL 1320 or TECM 2700*	First-Year Writing 2 or Technical Writing	3
HIST 2620	US History from 1865 to now	3

Sophomore	Fall Semester - 16 hours		
	Course	Title	Hours
	Physics 1 Option	See Advisor or Checklist for options	4
	MATH 1720*	Calculus 2	3
	Creative Arts Core	See Guidebook for Options	3
	Social & Behv Sci Core	See Guidebook for Options	3
PSCI 2305	US Government	3	

Spring Semester - 16 hours		
Course	Title	Hours
Physics 2 Option	See Advisor or Checklist for options	4
MATH 2700	Linear Algebra and Vector Geometry	3
MATH 2730	Multivariable Calculus	3
Lang, Phil, Culture Core	See Guidebook for Options	3
PSCI 2306	State Government	3

Junior	Fall Semester - 16 hours		
	Course	Title	Hours
	PHYS 3010 & 3030	Modern Physics & Lab	4
	PHYS 3210	Mechanics	3
	PHYS 3310	Math Methods in Physical Sciences	3
	MATH 3410	Differential Equations 1	3
Elective	Any course not in degree plan	3	

Spring Semester - 15 hours		
Course	Title	Hours
PHYS 3420	Electronics	3
PHYS 3510	Physics, Computation and Software Applications	3
PHYS 4110	Statistical and Thermal Physics	3
Elective	Any course not in degree plan	3
Elective	Any course not in degree plan	3

Senior	Fall Semester - 15 hours		
	Course	Title	Hours
	PHYS 4210	Electricity & Magnetism	3
	PHYS 4950	Physics Senior Thesis	3
	Adv PHYS Elective	See Physics Advisor for options	3
	Adv PHYS Elective	See Physics Advisor for options	3
Elective	Any course not in degree plan	3	

Spring Semester - 15 hours		
Course	Title	Hours
PHYS 4310	Quantum Mechanics	3
PHYS 4951	Physics Senior Thesis Capstone	3
Adv PHYS Elective	See Physics Advisor for options	3
Elective	Any course not in degree plan	3
Elective	Any course not in degree plan	3

1. PHYS 1410 & 1430 and 1420 & 1440 can be taken in place of "Physics 1 Option," but requires an additional semester.
2. "Physics 1 Option" may be taken earlier depending on your chosen courses and Math level.
3. A minor is optional.

\*Must earn a C or better