

Bachelor of Science Chemistry, 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 - 16 hours		
	Course	Title	Hours
	CHEM 1410 & 1430*	General Chemistry 1 & Lab	4
	CHEM 1400	Chemistry First-Year Seminar	1
	MATH 1650*	Pre Calculus	5
	ENGL 1310*	First-Year Writing 1	3
HIST 2610	US History up to 1865	3	

Spring Semester - 14 hours		
Course	Title	Hours
CHEM 1420 & 1440*	General Chemistry 2 & Lab	4
MATH 1710*	Calculus 1	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 - 17 hours		
	Course	Title	Hours
	CHEM 2370 & 3210*	Organic Chemistry 1 & Lab	4
	PHYS Option 1*	Physics & Lab - See checklist for options	4
	MATH 1720*	Calculus 2	3
	Minor	See Catalog for Options	3
Elective	Any course not in degree plan	3	

Spring Semester - 14 hours		
Course	Title	Hours
CHEM 2380 & 3220*	Organic Chemistry 2 & Lab	4
PHYS Option 2*	Physics & Lab - See checklist for options	4
MATH 2730	Multivariable Calculus	3
Minor	See Catalog for Options	3

Junior	Fall Semester - 14 hours		
	Course	Title	Hours
	CHEM 3510 & 3230*	Physical Chemistry 1 & Lab	4
	CHEM 3451 & 3452*	Quantitative Analysis & Lab	4
	MATH 2700	Linear Algebra and Vector Geometry	3
Minor	See Catalog for Options	3	

Spring Semester - 17 hours		
Course	Title	Hours
CHEM 3520 & 3240*	Physical Chemistry 2 & Lab	4
CHEM 4631 & 4632	Instrumental Analysis & Lab	4
Minor	See Catalog for Options	3
Creative Arts Core	See Guidebook for Options	3
Social & Behv Sci Core	See Guidebook for Options	3

Senior	Fall Semester - 15 hours		
	Course	Title	Hours
	CHEM 4610	Advanced Inorganic Chemistry	3
	CHEM 4XXX or BIOC 4540	See Chemistry advisor for options	3
	Minor (Adv)	Must be numbered 3000 or higher	3
Lang, Phil, Culture Core	See Guidebook for Options	3	
PSCI 2305	US Government	3	

Spring Semester - 13 hours		
Course	Title	Hours
CHEM 4620	Advanced Inorganic Chemistry Lab	1
CHEM 4XXX	See Chemistry advisor for options	3
Minor (Adv)	Must be numbered 3000 or higher	3
PSCI 2306	State Government	3
Elective (Adv)	Must be numbered 3000 or higher	3

1. A minor in Math, Physics, Biology, Computer Science, Materials Science, or Geology (lab science) is required.
2. Must earn a 2.5 average across all advanced Science, Math, and Engineering courses.

*Must earn a C or better