UNT EST. 1890 | COLLEGE OF SCIENCE

Bachelor of Arts: Major in Chemistry 2017-2018 Catalog Year

Requirements

- 120 total semester hours
  - A minimum of 30 hours must be completed at UNT
- 42 advanced hours
  - 24 advanced hours must be completed at UNT, including 12 advanced hours earned at UNT in major
- A minimum of 27 hours in major
- A minimum 2.5 GPA in all advanced-level science and mathematics courses required for the degree.

University Core Requirements

Communication: 6 hours
ENGL 1310/1313, TECM 1700 _____
ENGL 1320/1323, TECM 2700 _____

Mathematics: 3 hours
MATH 1710 _____

Life & Physical Sciences: 8 hours
CHEM 1410/1430 _____
CHEM 1420/1440 _____

Creative Arts: 3 hours
Choose from approved list _____

Language, Philosophy, & Culture: 3 hours
Choose from approved list _____

American History: 6 hours
HIST 2610 _____
HIST 2620 _____

Government/Political Science: 6 hours
PSCI 2305 _____
PSCI 2306 _____

Social & Behavioral Sciences: 3 hours
Choose from approved list _____

Component Area Option (Category I): 3 hours
See approved list _____

Component Area Option (Category II): 3 hours
May be satisfied by third science or substitution approved by department

Academic Advising

To schedule an appointment with a COS Academic Advisor, please call 940-369-8606.

Undergraduate Chemistry Advisors: Dr. Acree: Bill.Acree@unt.edu
Dr. Weber Rebecca.Weber@unt.edu

College of Science Requirements

Laboratory Science:
1 course in addition to the University Core:
course must be in Natural & Life Sciences _____

Foreign Language:
6 hours in one language, in addition to University Core: prerequisites for LANG 2040 & 2050 are 1010 & 1020, or placement.
(Arabic, Chinese, French, German, Hebrew, Italian, Japanese, Latin, Russian, Spanish, or American Sign Language)

2040 _____ 2050 _____

See attached handout for College of Science requirements approved list

Major Requirements

CHEM 1410 & 1430	General Chemistry I & Lab
CHEM 1420 & 1440	General Chemistry II & Lab
CHEM 2370 & 3210	Organic Chemistry I & Lab
CHEM 2380 & 3220	Organic Chemistry II & Lab
CHEM 3451 & 3452	Quantitative Analysis & Lab

PLUS Options I, II, or III

Option I (recommended for those planning to pursue advanced studies in Chemistry)

CHEM 3510 & 3230	Physical Chemistry I
CHEM 3520 & 3240	Physical Chemistry II

Add'l 3 hours at senior level (CHEM 4xxx) (or BIOC 3621 & 3622)

Option II (recommended for those planning career in chemical industry)

CHEM 3510 & 3230	Physical Chemistry I

Add'l 7 hours at senior level (CHEM 4xxx)(including BIOC 3621 & 3622)

Option III (recommended for those planning career in professional health

CHEM 3530	Physical Chemistry for Life Sciences

Add'l 7 hours at senior level (CHEM 4xxx)(including BIOC 3621 & 3622)

Math Requirements

MATH 1710 and 1720	Calculus I and II

Physics Requirements

Choose either A, B, or C

A. PHYS 1410 & 1430	General Physics I & Lab
PHYS 1420 & 1440	General Physics II & Lab
B. PHYS 1510 & 1530	Gen. Physics w/ Calculus I & Lab
PHYS 1520 & 1540	Gen. Physics w/ Calculus II & Lab
C. PHYS 1710 & 1730	Mechanics & Lab
PHYS 2220 & 2240	Electricity and Magnetism & Lab