BS – Biochemistry with a minor in biology (with ACS certification)  
(SC-BS/BCHM/ACS/BIO)  
2020 Catalog year: College of Science and Engineering

This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science Undergraduate Advising Center for advising.

Note: In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

- BIO 1330 (F,S,Su) & BIO 1130 (F,S,Su)  
  Functional Biology

- CHEM 1341 (F,S,Su) & CHEM 1141 (F,S,Su)  
  General Chemistry I

- CHEM 1342 (F,S,Su) & CHEM 2141 (F,S,Su)  
  General Chemistry II & Organic Chemistry I

- PHYS 1430 (F,S)  
  Mechanics

- PHYS 2425 (F,S)  
  Electricity & Magnetism

- BIO 2400 (F,S)  
  Microbiology

- BIO 2450 (F,S)  
  Genetics

- CHEM 2341 (F,S,Su) & CHEM 2142 (F,S,Su)  
  Organic Chemistry II

- CHEM 3375 (F)  
  Principles of Biochemistry

- CHEM 3380 (S)  
  Analytical Biochemistry

- CHEM 3381 (S)  
  Biochemistry Techniques

- CHEM 4299  
  Elective and/or Advanced Elective Coursework

- CHEM 4360 (F)  
  Molecular Biology

- CHEM 4385 (S)  
  Metabolism

- CHEM 4382 (S)  
  Advanced Biochem Research

Core courses must be completed:

- US 1100
- PHIL 1305 or 1320
- ART/DAN/MU/TH 2313
- ENG 1310
- ENG 1320
- ANTH 1312/ECO 2301/
- HIST 1310
- HIST 1320
- ECO 2314/GEIO 1310/
- POSI 2310
- POSI 2320
- PSY 1300/SOCI 1310

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

Key:

- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisites.
- Courses taught specific semesters are indicated with the following codes:
  - F-Fall
  - Su-Summer Session I or II
  - S-Spring

Required WI courses: CHEM 3381, 4481, 4382