BS – Biochemistry with a minor in biology (PRE-DENT)

(SC-BS/BCHM/BIO/PDBC)  2021 Catalog year: College of Science and Engineering

### Freshman
- **Fall semester**
  - CHEM 1342 (F,S,Su) & CHEM 1142 (F,S,Su) General Chemistry II
  - CHEM 2341 (F,S,Su) Organic Chemistry I

- **Spring semester**
  - MATH 2472 (F,S,Su) Calculus II
  - MATH 2471 (F,S,Su) Calculus I

### Sophomore
- **Fall semester**
  - PHYS 1430 (F,S) Mechanics
  - CHEM 2342 (F,S,Su) & CHEM 2142 (F,S,Su) General Chemistry II

- **Spring semester**
  - PHYS 2425 (F,S) Electricity & Magnetism
  - CHEM 2341 (F,S,Su) Organic Chemistry I

### Junior
- **Fall semester**
  - CHEM 3381 (F,S) Biochemistry Techniques
  - CHEM 3375 (F) Principles of Biochemistry

- **Spring semester**
  - CHEM 3380 (F) Analytical Biochemistry
  - CHEM 3390 (F) Physical Chemistry of Biochemistry

### Senior
- **Fall semester**
  - MATH 2238 (F,S,Su) Elementary Statistics

- **Spring semester**
  - CHEM 4360 (F) Molecular Biology

### Notes:
- Students in the pre-dental concentration must complete BIO 3421, MATH 2328 or MATH 3305, PHIL 1320, and PSY 1300.

### Core courses must be completed:
- US 1100
- PHIL 1320
- ART/DAN/MU/TH 2313
- ENG 1310
- HIST 1320
- PSY 1300
- POSI 2310
- POSI 2320

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

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.

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
  - S – Spring
  - Su – Summer Session I or II

Required WI courses: CHEM 3381, 4481, 4382