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

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

- **Freshman Fall semester**
  - MATH 2471 (F,S,Su) Calculus I
  - CHEM 1342 (F,S,Su) General Chemistry I & CHEM 1142 (F,S,Su) General Chemistry II

- **Freshman Spring semester**
  - BIO 1330 (F,S,Su) & BIO 1130 (F,S,Su) Functional Biology

- **Sophomore Fall semester**
  - PHYS 1430 (F,S) Mechanics
  - MATH 2472 (F,S,Su) Calculus II

- **Sophomore Spring semester**
  - PHYS 2425 (F,S) Electricity & Magnetism
  - CHEM 2341 (F,S,Su) General Chemistry II & CHEM 2141 (F,S,Su) Organic Chemistry I

- **Junior Fall semester**
  - CHEM 3390 (F) Physical Chemistry of Biochemistry
  - BIO 2450 (F,S,Su) Genetics

- **Junior Spring semester**
  - BIO 2400 (F,S,Su) Microbiology
  - MATH 2478 (F,S,Su) Elementary Statistics or MATH 3305 (F,S,Su) Intro to Probability & Statistics

- **Senior Fall semester**
  - CHEM 3380 (S) Analytical Biochemistry
  - CHEM 4360 (F) Molecular Biology

- **Senior Spring semester**
  - CHEM 4365 (F) Metabolism

For Biology minor only: 6 hours advanced biology electives, chosen in consultation with an academic advisor.

Check for additional prerequisites. DO NOT COUNT: BIO 3351, 4305, 4402, 4403, 4408

**Core courses must be completed:**
- __US 1100__
- __PHIL 1320__
- __ART/DAN/MU/TH 2313__
- __ENG 1310__
- __ENG 1320__
- __HIST 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.

**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-Semester, S-Summer Session I or II, S-Spring.
- Required WI courses: CHEM 3381, 4481, 4382

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.