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.

### Core courses must be completed:
- US 1100
- COMM 1310
- PHIL 1305 OR 1320
- ENG 1310
- ENG 1320
- ENG 2310-2360
- HIST 1310
- HIST 1320
- ART/DAN/MU/TH 2313
- ECO 2314/PSY 1300/SOCI 1310

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

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**BS – Biochemistry with a minor in biology (PRE-PHARMACY) (SC-BS/BCHM/BIO/PPBC) 2018 Catalog year: College of Science and Engineering**

### Freshman
- Fall semester:
  - BIO 1330 (F,S) & BIO 1130 (F,S) Functional Biology
  - CHEM 1341 (F,S,Su) General Chemistry I
  - MATH 2471 (F,S,Su) Calculus I

- Spring semester:
  - BIO 1331 (F,S) & BIO 1131 (F,S) Organismal Biology
  - CHEM 1342 (F,S,Su) General Chemistry II
  - MATH 2472 (F,S,Su) Calculus II

### Sophomore
- Fall semester:
  - BIO 2400 (F,S) Microbiology
  - CHEM 2341 (F,S,Su) General Chemistry I
  - CHEM 2342 (F,S,Su) General Chemistry II

- Spring semester:
  - PHYS 1430 (F,S) Mechanics
  - CHEM 2341 (F,S,Su) General Chemistry I
  - CHEM 2342 (F,S,Su) General Chemistry II

### Junior
- Fall semester:
  - BIO 2450 (F,S) Genetics
  - CHEM 3305 (F,S,Su) Intro to Probability & Statistics

- Spring semester:
  - PHYS 2425 (F,S) Electricity & Magnetism
  - CHEM 3380 (S) Analytical Biochemistry

### Senior
- Fall semester:
  - EXTR (S) Extra advanced hours may be required. See advisor.

- Spring semester:
  - CHEM 3381 (S) Biochemistry Techniques
  - CHEM 4382 (S) Advanced Biochem Research

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**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

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.

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**For Biology minor only:**
- 9 hours advanced biology electives, chosen in consultation with an academic advisor.
- Check for additional prerequisites.
- DO NOT COUNT BIO 3351, 4305, 4402, 4403, 4408

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**Additional notes:**
- Required WI courses: CHEM 3381, 4481, 4382
- Core courses must be completed:
  - US 1100
  - COMM 1310
  - PHIL 1305 OR 1320
  - ENG 1310
  - ENG 1320
  - ENG 2310-2360
  - HIST 1310
  - HIST 1320
  - ART/DAN/MU/TH 2313
  - ECO 2314/PSY 1300/SOCI 1310

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