BS – Chemistry w/ a minor in Biology (PRE-MED) (SC-BS/CHEM/BIO/PMCH)  
2021 Catalog year: College of Science and Engineering

Freshman Fall semester:
- BIO 1330 (F,S,Su) Functional Biology
- BIO 1331 (F,S,Su) Genetics
- BIO 1130 (F,S,Su) Functional Biology

Freshman Spring semester:
- CHEM 1341 (F,S,Su) General Chemistry I
- CHEM 1141 (F,S,Su) General Chemistry II

Sophomore Fall semester:
- PHYS 1430 (F,S,Su) Mechanics
- MATH 2471 (F,S,Su) Calculus I

Sophomore Spring semester:
- PHYS 2425 (F,S,Su) Electricity & Magnetism
- MATH 2472 (F,S,Su) Calculus II

Junior Fall semester:
- CHEM 3330 (F,S,Su) Physical Chemistry I

Junior Spring semester:
- CHEM 3340 (S,Su) Physical Chemistry II

Senior Fall semester:
- CHEM 4375 (F,S,Su) Biochemistry

Senior Spring semester:
- CHEM 4421 (F,S,Su) Advanced Lab I

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

Note: CHEM 4299 must be taken twice for credit and is required for certification of the degree as approved by the American Chemistry Society.

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 consult the College of Science Undergraduate Advising Center for advising.

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 3245, 4231, 4241

Core courses must be completed:
- 6 credits Core 010
- 6 credits Core 020
- 6 credits Core 030
- 6 credits Core 040
- 6 credits Core 050
- 6 credits Core 060
- 6 credits Core 070
- 6 credits Core 080
- 6 credits Core 090

For CHEM 4241:
- 3-4 hours advanced CHEM electives
- Check prerequisites.

For CHEM 4241:
- 3-4 hours advanced CHEM electives
- Check prerequisites.

Core courses must be completed:
- 6 credits Core 010
- 6 credits Core 020
- 6 credits Core 030
- 6 credits Core 040
- 6 credits Core 050
- 6 credits Core 060
- 6 credits Core 070
- 6 credits Core 080
- 6 credits Core 090

Additional requirements for graduation.

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