BS- Biology with Chemistry minor – PRE-MED (SC-BS/BIO/CHEM)  
2018 Catalog year: College of Science and Engineering

**Freshman Fall semester**
- BIO 1330 (F,S) & BIO 1130 (F,S) Functional Biology
- BIO 2450 (F,S,Su) Genetics

**Freshman Spring semester**
- BIO 1331 (F,S) & BIO 1131 (F,S) Organizational Biology
- BIO 2400 (F,S) Microbiology

**Sophomore Fall semester**
- Choose one set:
  - MATH 2321 (F,S,Su) & MATH 2328 (F,S,Su)
  - MATH 2471 (F,S,Su) & MATH 2328 (F,S,Su)
  
  *See advisor for guidance.*

**Sophomore Spring semester**
- PHYS 1315 (F,S,Su) & PHYS 1115 (F,S,Su) General Physics I
- BIO 3421 (F,S) Vertebrate Physiology

**Junior Fall semester**
- PHYS 1325 (F,S,Su) & PHYS 1125 (F,S,Su) General Physics II

**Junior Spring semester**
- CHEM 3442 (F,S,Su) & CHEM 2142 (F,S,Su) Organic Chemistry II

**Senior Fall semester**
- BIO 4301 (F,S) Evolution

**Senior Spring semester**
- 3 hours from:
  - CHEM 4333 – Spectroscopy (see dpt)
  - CHEM 4351 – Intro to Polymers (see dpt)
  - CHEM 4375 – Biochemistry (F,S,Su)
  - CHEM 4390- Supramolecular Chemistry (see dpt)

**Core courses must be completed:**
- US 1100
- COMM 1310
- PHIL 1320
- ENG 1310
- ENG 1320
- ENG 2310-2360
- HIST 1310
- HIST 1320
- ART/DAN/MU/TH 2313
- POSI 2310
- POSI 2320
- PSY 1300

**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: BIO 4416
Additional WI courses: BIO 3308, 3442, 3460, 4166, 4376, 4420, 4423, 4441, 4446, 4447, 4454, 4464, 4470, 4472

Extra advanced or non-advanced electives may be required to meet graduation requirements (*check with advisor*).

15 hours advanced biology electives, chosen in consultation with an academic advisor. BIO 4299 requires faculty and departmental approval to count towards advanced electives and must be taken twice.

DO NOT COUNT BIO 3351, 4305, 4402, 4403, 4408 Check course prerequisites.

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.