BS- Biology with Biochemistry minor – PRE-DENT
(SC-BS/BIO/BCHM/PDBI) 2021 Catalog year: College of Science and Engineering

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 = Summer
  - Spring

**Core courses must be completed:**
- 6 credits Core 010
- 3 credits Core 020
- 6 credits Core 030
- 3 credits Core 040
- 3 credits Core 050
- 3 credits Core 060
- 6 credits Core 070
- 3 credits Core 080
- 3 credits Core 090, 091, 092, 093, and 094

**Required WI courses:** BIO 4416
**Additional WI courses:** BIO 4400, 4406, 4408, 4410, 4412, 4414, 4416, 4420, 4422, 4424, 4426, 4428, 4430, 4432, 4434, 4436, 4438, 4440, 4442, 4444, 4446, 4448, 4450, 4452

**BS- Biology with Biochemistry minor – PRE-DENT**

### Freshman
**Fall semester**
- BIO 1330 (F, S, Su)
- BIO 1130 (F, S, Su)

### Freshman
**Spring semester**
- BIO 1331 (F, S)
- BIO 1131 (F, S)

### Sophomore
**Fall semester**
- BIO 2450 (F, S, Su)
- BIO 2400 (F, S, Su)

### Sophomore
**Spring semester**
- BIO 4416 (F, S)
- General Ecology

### Junior
**Fall semester**
- PHYS 1315 (F, S, Su)
- PHYS 1115 (F, S, Su)
- General Physics I
- TCCNS: PHYS 1301+1101/1401

### Junior
**Spring semester**
- PHYS 1325 (F, S, Su)
- PHYS 1125 (F, S, Su)
- General Physics II
- TCCNS: PHYS 1302+1102/1402

### Senior
**Fall semester**
- Extra advanced or non-advanced electives may be required to meet graduation requirements.

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

### 3 hours from:
- CHEM 4360 (F)
  - Adv Biochem & Molecular Bio
- CHEM 4385 (F, S)
  - Experimental Biochem

### CHEM 1341 (F, S, Su)
- General Chemistry I
- TCCNS: CHEM 1321+1121 or 1322

### CHEM 1342 (F, S, Su)
- General Chemistry II
- TCCNS: CHEM 1311+2111 or 1321

### CHEM 2341 (F, S, Su)
- General Chemistry III
- TCCNS: CHEM 2323+2123

### CHEM 2342 (F, S, Su)
- General Chemistry IV
- TCCNS: CHEM 2325+2125 or 2425

### CHEM 3275 (F, S, Su)
- Biochemistry

### CHEM 3276 (F, S)
- Experimental Biochem

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

See advisor for guidance.

**Advising Center for advising.**

[Check course prerequisites]

Extra advanced or non-advanced electives may be required to meet graduation requirements.

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

See catalog for options: http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/

US 1100 may be required for some students. Consult with an advisor regarding course choices.