BS – Chemistry with and without concentrations

(2022 Catalog year: College of Science and Engineering)

**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
- 6 credits Core 060
- 6 credits Core 070
- 3 credits Core 080

**For Pre-Med, Pre-Dent, Pre-Pharm:**
- Pre-Med, Pre-Dent & Pre-Pharm: BIO 1330 & 1130 (F,S,Su) General Biology
  - TCCNS: BIOL 1306 or 1306
- Pre-Med, Pre-Dent & Pre-Pharm: BIO 1331 & 1131 (F,S) Organismal Biology
  - TCCNS: BIOL 1307 or 1307

**CHEM 1341 & 1141 (F,S,Su) General Chemistry I**
- TCCNS: CHEM 1311 or 1111

**CHEM 1342 & 1142 (F,S,Su) General Chemistry II**
- TCCNS: CHEM 1312 or 1112

**CHEM 2341 & 2141 (F,S,Su) Organic Chemistry I**
- TCCNS: CHEM 2323 or 2123

**CHEM 2342 & 2142 (F,S,Su) Organic Chemistry II**
- TCCNS: CHEM 2325 or 2125

**CHEM 3330 (F) Physical Chemistry I**
- CHEM 3340 (S) Physical Chemistry II
- CHEM 3341 (F) Instrumental Analysis

**CHEM 4231 (F) Advanced Lab I**

**CHEM 4375 (F,S,Su) Biochemistry**

**CHEM 4331 (F) Advanced Lab II**

**Pre-Pharmacy Concentration:**
- BIO 2451 – Human A&P I (F,S)
- BIO 2452 – Human A&P II (S,Su)
  - Check prerequisites

**Core WI courses:**
- CHEM 3245, 4231, 4241

**Pre-Dental, Pre-Medical, and Pre-Pharmacy Concentrations:**
- MATH 2328 or MATH 3305

** Chest prerequisites:**
- CHEM 4299 must be taken twice for credit and is required for certification of 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 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.

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