BS- Biology with Chemistry minor
(SC-BS/BIO/CHEM)

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.

Core courses must be completed:
- Communication Component Code 010 (6 cr)
- Mathematics Component Code 102 (3 cr)
- Life & Physical Science Component Code 030 (6 cr)
- Language, Philosophy, and Culture Component Code 040 (3 cr)
- Creative Arts Component Code 050 (3 cr)
- American History Component Code 060 (6 cr)
- Government/Political Science Component Code 070 (6 cr)
- Social and Behavioral Sciences Component Code 080 (3 cr)
- Component Area Option Codes 090, 091, 092, 093, and 094 (6 cr)

US 1100 may be required for some students. Some majors require specific courses to be chosen from a component area. Consult with an advisor to determine the most expedient way to complete core and major-specific requirements.

Choose one set:
- MATH 2321 (F,S,Su) & MATH 2328 (F,S,Su)
- or
- MATH 2471 (F,S,Su) & MATH 2328 (F,S,Su)
- or
- MATH 2471 (F,S,Su) & MATH 2472 (F,S,Su)
- or
- MATH 2321 (F,S,Su) & MATH 2331 (F,S,Su)

(See advisor for guidance)

4 hours from:
- BIO 2000 (F,S,Su)
- General Ecology
- BIO 2410 (F)
- Biology
- BIO 2411 (S)
- Botany

for BIO 2400

CHEM 2341 (F,S,Su) & CHEM 2342 (F,S,Su)

General Chemistry I
TCCNS: CHEM 1314 or 1414

CHEM 3410 (F,S,Su)
Quantitative Analysis

One from:
- BIO 3421 – Vertebrate Physiology (S)
- BIO 4445 – Plant Physiology (F)
- BIO 4441 – Cellular Physiology (S)
- BIO 3426 – Human Physiology (F)

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.

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)