BS- Biology with Chemistry minor  
(SC-BS/BIO/CHEM)  
2017 Catalog year: College of Science and Engineering

Freshman  
Fall semester:  
- BIO 1330 (F) 
- BIO 1130 (F) 
- CHEM 1341 (F,S,Su) 
- CHEM 1141 (F,S,Su) 
- BIO 1331 (F) 
- CHEM 1342 (F,S,Su) 
- CHEM 1142 (F,S,Su) 
- CHEM 3410 (F,S,Su) 

Spring semester:  
- BIO 2450 (F,S,Su) 
- BIO 2400 (F,S) 
- BIO 2411 (S) 
- BIO 2141 (S) 
- CHEM 2341 (F,S,Su) 
- CHEM 2141 (F,S,Su) 
- CHEM 2342 (F,S,Su) 
- CHEM 2142 (F,S,Su) 

Sophomore  
Fall semester:  
- Choose one set:  
  - MATH 2321 (F,S,Su) & MATH 2328 (F,S,Su)  
  - MATH 2471 (F,S,Su) & MATH 2472 (F,S,Su)  
  - MATH 2321 (F,S,Su) & MATH 2331 (F,S,Su)  
- 4 hours from:  
  - BIO 2400 (F,S) 
  - MACROBIOLOGY  
  - BIO 2410 (F) 
  - BIOMEDICINE 
  - BIO 2411 (S) 
  - ZOOLOGY 
- CHEM 2341 (F,S,Su) 
- CHEM 2141 (F,S,Su) 
- CHEM 2342 (F,S,Su) 
- CHEM 2142 (F,S,Su) 

Spring semester:  
- PHYS 1315 (F,S,Su) 
- PHYS 1115 (F,S,Su) 
- General Physics I 
- PHYS 1325 (F,S,Su) 
- PHYS 1125 (F,S,Su) 
- General Physics II 
- One from:  
  - BIO 3421 – Vertebrate Physiology (F)  
  - BIO 3465 – Plant Physiology (F)  
  - BIO 4441 – Cellular Physiology (S)  

Junior  
Fall semester:  
- PHYS 1315 (F,S,Su) 
- PHYS 1115 (F,S,Su) 
- General Physics I 

Spring semester:  
- PHYS 1325 (F,S,Su) 
- PHYS 1125 (F,S,Su) 
- General Physics II 
- One from:  
  - BIO 3421 – Vertebrate Physiology (F)  
  - BIO 3465 – Plant Physiology (F)  
  - BIO 4441 – Cellular Physiology (S)  

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

Spring semester:  
- 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)  

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

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 Session I or II  
  - Spring  
- Required WI courses: BIO 4416  
- Additional WI courses: BIO 3308, 3442, 3460, 4350G, 4166, 4420, 4423, 4441, 4446, 4447, 4454, 4464, 4470, 4472  

Core courses must be completed:  
- US 1100  
- COMM 1310  
- PHIL 1305 or 1320  
- ENG 1310  
- ENG 1320  
- ENG 2310-2360  
- HIST 1310  
- HIST 1320  
- ART/DAN/MU/TH 2313  
- ANTH 1312/ECO 2301/ECO 2314/GEOL 1310/PSY 1300/SOCI 1310  

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.