BS – Biochemistry with a minor in biology

(SC-BS/BCHM/BIO)

2019 Catalog year: College of Science and Engineering

Freshman
Fall semester:
- \text{CHEM} 1341 (F,S,Su) & \text{CHEM} 1141 (F,S,Su) General Chemistry I

Spring semester:
- \text{CHEM} 1342 (F,S,Su) & \text{CHEM} 1142 (F,S,Su) General Chemistry II
- \text{BIO} 1330 (F,S) & \text{BIO} 1130 (F,S) Functional Biology

Sophomore
Fall semester:
- \text{PHYS} 1430 (F,S) Mechanics
- \text{MATH} 2471 (F,S,Su,Su) Calculus I

Spring semester:
- \text{PHYS} 2425 (F,S) Electricity & Magnetism
- \text{MATH} 2472 (F,S,Su,Su) Calculus II

Junior
Fall semester:
- \text{CHEM} 3375 (F) Principles of Biochemistry
- \text{CHEM} 3390 (F) Physical Chemistry of Biochemistry

Spring semester:
- \text{CHEM} 3380 (S) Analytical Biochemistry
- \text{CHEM} 3381 (S) Biochemistry Techniques

Senior
Fall semester:
- \text{CHEM} 4360 (F) Molecular Biology
- \text{CHEM} 4365 (F) Metabolism

Spring semester:
- \text{CHEM} 4841 (F) Advanced Biochem Lab I
- \text{CHEM} 4842 (S) Advanced Biochem Research

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.

For Biology minor only: 9 hours advanced biology electives, chosen in consultation with an academic advisor.

Check for additional prerequisites. DO NOT COUNT: BIO 3351, 4305, 4402, 4403, 4408

Core courses must be completed:
- \text{US} 1100
- \text{COMM} 1310
- \text{PHIL} 1305 or 1320
- \text{ENG} 1310
- \text{ENG} 1320
- \text{ENG} 2310-2360
- \text{HIST} 1310
- \text{HIST} 1320
- \text{ART}/\text{DAN}/
\text{MU}/\text{TH} 2313
- \text{PHL} 2320
- \text{ANTH} 1312/\text{ECO} 2301/\text{ECO} 2314/\text{GEO} 1310/\text{PSY} 1300/\text{SOCL} 1310

US 1100 & \text{ENG} 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

Required WI courses: CHEM 3381, 4481, 4382

Arrows indicate prerequisites.
Arrows with dotted lines indicate corequisites.
Arrows with dash lines are recommended prerequisites.
Courses taught specific semesters are indicated with the following codes: F-Fall, Su-Summer Session I or II, S-Spring.
Required WI courses: CHEM 3381, 4481, 4382