BS – Biochemistry with a minor in biology  
(SC-BS/BCHM/BIO)  
2015 Catalog year: College of Science and Engineering

**Freshman**  
**Fall semester**  
PHYS 1430 (F,S) Mechanics  
CHEM 1341 (F,S,Su) General Chemistry I  
BIO 1330 (F,S) & BIO 1130 (F,S) Functional Biology

**Spring semester**  
PHYS 2425 (F,S) Electricity & Magnetism  
CHEM 1342 (F,S,Su) General Chemistry II

**Sophomore**  
**Fall semester**  
MATH 2471 (F,S) Calculus I  
CHEM 2341 (F,S,Su) General Chemistry I

**Spring semester**  
MATH 2472 (F,S,Su) Calculus II  
CHEM 2342 (F,S,Su) General Chemistry II

**Junior**  
**Fall semester**  
CHEM 2450 (F,S) Genetics  
BIO 2400 (F,S) Microbiology

**Spring semester**  
CHEM 3370 (F) Principles of Biochemistry  
CHEM 3380 (S) Analytical Biochemistry

**Senior**  
**Fall semester**  
CHEM 4299 (F) at least once is required for ACS certification

**Spring semester**  
CHEM 4285 (S) Metabolism  
CHEM 4360 (F) Descriptive Inorganic Chemistry

**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-Spring  
Su-Summer Session I or II

Required WI courses: CHEM 3275, 4481, 4282

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  
- ___POSI 2310  
- ___POSI 2320  
- ___ANTH 1312/ECO 2301/ECO 2314/GEO 1310/PSY 1300/SOCI 1310

US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.