BS – Microbiology with Biochemistry minor (SC-BS/MICR/BCHM)  
2018 Catalog year: College of Science and Engineering

Choose one set:
MATH 2321 (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.

11-12 hours from:
BIO 3442 (F,S) - Virology  
BIO 3430 (F,S) - Immunology  
BIO 3441 (F) - Parasitology (instructor approval req.)  
BIO 3430 (F) - Mycology  
BIO 4447 (F) - Microbial Phys & Genetics

Note: BIO 4447 cannot count for both physiology and advanced microbiology. Only counts for one requirement. If taking BIO 4366, must also complete BIO 4166. If taking BIO 4326, must also complete 4126. Check course prerequisites.

4 hours from:
BIO 3444 (S)  
BIO 3447 (F)  
BIO 3421 (F,S)  
(Check chemistry prerequisites)

3 hours from:
CHEM 3400 (F)  
Adv Biochem & Molecular Biochemistry

3 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. Check course prerequisites.

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.

KEY:
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  
S:Summer  
S-Summer Session I or II  
Required WI courses: BIO 4416  
Additional WI courses: BIO 3442, 4166, 4441, 4446, 4447

Core courses must be completed:
___US 1100  
___ENG 1310  
___ENG 1320  
___HISU 1310  
___HIST 1320  
___ART/DAN/MU/TH 2313  
___PHIL 1305 or 1320  
___ENG 2310-2360  
___ENG 2310-2360  
___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.