BS – Microbiology with Biochemistry minor (SC-BS/MICR/CHEM)

2012 Catalog year: College of Science and Engineering

**Required WI courses**: BIO 4416, 4441 or 4447
Additional WI courses: BIO 3442, 4426, 4445, 4446.

**Notes**:
- In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.
- 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.

**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
- _PFW_
- _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.

**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)

_See advisor for guidance._

**Elective hours**
(as needed, see advisor)

**12 hours from**:
- BIO 3442 (F), 4426 (S), 4445 (F), 4446 (S), 4447 (S)
- Note: BIO 4447 cannot count for physiology and advanced microbiology. Only counts for one requirement.

Check course prerequisites.

**4 hours from**:
- BIO 4441 (S)
- BIO 4447 (S)
- (Check chemistry prerequisites)

**4 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.

DO NOT COUNT: BIO 3351, 4305, 4402, 4403, 4408

**BS**: