BS – Biology: Life Science Teacher Certification  
(SC-B/S/BIO/SCED/TLS)  
2017 Catalog year: College of Science and Engineering

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.

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
- WI courses: BIO 4416, ENG 3303
- Additional WI courses: BIO 3308, 4420, 4446, 4454

Requirements for graduation:
- Core and minor requirements

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

Senior

Fall semester

Senior

Spring semester

Junior

Fall semester

Junior

Spring semester

Sophomore

Fall semester

Sophomore

Spring semester

Freshman

Fall semester

Freshman

Spring semester

Required WI courses: BIO 4416, ENG 3303
Additional WI courses: BIO 3308, 4420, 4446, 4454

Core courses must be completed:

- COMM 1310
- ENG 1310
- HIST 1310
- POSI 2310
- 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.

Two from: BIO 3308, BIO 3406, BIO 4410, BIO 4420, BIO 4430, BIO 4440, BIO 4454, BIO 4465

Check prerequisites

Block experience:
- RDG 3323
- CI 4343
- CI 4370

Requires:
- Admission into Teaching Program
- CI 4332 and CI 3325 with a C or higher
- 2.75+ overall GPA
- Junior or senior classification
- Application and approval to the block experience

NOTE: All majors are required to complete a block experience (CI 4332 and CI 3325 with a C or higher) and a writing-intensive course (WI course) each semester.

4 hours from:
- BIO 2400 (F,S) Microbiology
- BIO 2411 (S) Zoology

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)

MATH 1315 (F,S,Su)
- General Physics I

ENG 3303 Technical Writing

- 2.75+ overall GPA
- Junior or senior status

BIO 4416 (F,S)
- General Ecology

Additional WI courses: BIO 3308, 4420, 4446, 4454

MATH 2321
- General Chemistry II

MATH 2331
- General Chemistry I

ENG 3303
- Technical Writing

PHYS 1315 (F,S,Su)
- General Physics I

PHYS 1325 (F,S,Su)
- General Physics II

PHYS 1115 (F,S,Su)
- General Physics I

CHEM 1341 (F,S,Su)
- General Chemistry I

CHEM 1342 (F,S,Su)
- General Chemistry II

CHEM 1141 (F,S,Su)
- Organizational Biology

CHEM 1142 (F,S,Su)
- Organizational Biology

CHEM 2141 (F,S,Su)
- Organic Chemistry I

CHEM 2142 (F,S,Su)
- Organic Chemistry II

CHEM 2341 (F,S,Su)

CHEM 2342 (F,S,Su)

BIO 2450 (F,S,Su)

BIO 4408 (S)
- Science Processes & Research
- or BIO 4305 (F)
- Nature Study

(see advisor for guidance)

BIO 4301 (F,S)
- Evolution

BIO 4416 (F,S)
- General Ecology

BIO 4408 (S)
- Science Processes & Research
- or BIO 4305 (F)
- Nature Study

(see advisor for guidance)

BIO 4416 (F,S)
- General Ecology

BIO 4408 (S)
- Science Processes & Research
- or BIO 4305 (F)
- Nature Study

(see advisor for guidance)

BIO 4416 (F,S)
- General Ecology

BIO 4408 (S)
- Science Processes & Research
- or BIO 4305 (F)
- Nature Study

(see advisor for guidance)