BS – Biology & Education: Life Science Teacher Certification (SC-BS/BIO/EDUC/SLLS) 2022 Catalog year: College of Science and Engineering

**Freshman Fall semester**
- BIO 1330 (F,S,Su)
- BIO 1130 (F,S,Su)
- Functional Biology
- TCCNS: BIO 1103 & 2103 or BIO 1107

**Freshman Spring semester**
- BIO 1331 (F,S)
- BIO 1131 (F,S)
- Organizational Biology
- TCCNS: BIO 2104 or 2107

**Sophomore Fall semester**
- PHYS 1335 & 1115
- Gen Physics for Life Sciences I
  - Also accepted: PHYS 1315 & 1115 or PHYS 1430

**Sophomore Spring 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.

**Junior Fall semester**
- BIO 2450 (F,S,Su)
- Botany
- BIO 2141 (S)

**Junior Spring semester**
- BIO 4416 (F,S)
- General Ecology

**Senior Fall semester**
- Must apply for student teaching
- BIO 4408 (F,S)
  - Science Processes & Research
- 4 hours from:
  - BIO 3421 (S)
  - Vertebrate Physiology
  - BIO 3426 (F)
  - Human Physiology
  - BIO 4441 (S)
  - Cellular Physiology
  - BIO 4455 (F)
  - Plant Physiology

**Senior Spring semester**
- Must apply for student teaching
- BIO 4301 (F,S,Su)
  - Evolution
- Field-based Block
  - CI 4340
  - CI 4343
  - SPED 4344
  - TCCNS: EDUC 2101
  - Block Prerequisites:
    - CI 3340
    - CI 4332
    - SPED 4344
    - TCCNS: EDUC 2101
    - Requires:
      - adittance into Teaching Program
      - CI 2310, 4332 and CI 3325 with a C or higher
      - 2.75 overall GPA
      - junior or senior classification

**Apply for admittance into the Education Preparation Program**
- CI 3325
- Adolescents & Society
  - Sophomore, junior or senior status only

**CI 4332**
- Secondary Teaching: Curriculum and Technology
  - Sophomore, junior or senior status only

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

**Core courses must be completed:**
- 6 credits Core 010
- 6 credits Core 020
- 6 credits Core 030
- 3 credits Core 040
- 3 credits Core 050
- 6 credits Core 060
- 6 credits Core 070
- 3 credits Core 080
- 3 credits Core 090

- BIO required course: MATH 2321 or 2471
- BIO required course: CHEM 1341/1342 & CHEM 1343/1344
- TXST options: PHL 1305 or 1320
- TXST options: ART 2313, DAN 2313, MU 2313, T3 2313
- TXST options: HIST 1310/2327/2381 and [HIST 1320/2328/2382]
- TXST options: POIS 2310 & POIS 2320
- TXST options: ANTH 1312/ECO 2301/ECO 2314/GEN 1310
- BIO SCD required course: COMM 1310
- BIO SCD required course: COMM 1310
- 091, 092, 093, and 094

See catalog for options: http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/US 1100 may be required for some students. Consult with an advisor regarding course choices.