### Requirements for graduation

**Core and minor requirements**

**Note:** Undergraduate Advising Center for advising. This is not an official degree audit and it is subject to change.

**State:** Texas

This chart is intended to be used by students who start out at Texas State. Please contact the College of Science and Engineering 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.

<table>
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<tr>
<th>BA – Mathematics (SC-BA/MATH)</th>
<th>2018 Catalog year: College of Science and Engineering</th>
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#### Freshman

- **Fall semester**
  - Modern language 1410
  - 3 hours of natural science (see advisor for options)

- **Spring semester**
  - Modern language 1420
  - CS 1428 (F.S,Su) Foundations of Computer Science I
  - 3 hours of natural science (see advisor for options)

| MATH 2471 (F,S,Su) Calculus I | MATH 2472 (F,S,Su) Calculus II |

#### Sophomore

- **Fall semester**
  - Modern language 2310
  - MATH 3373 (F.S,Su) Calculus III
  - Intro to Advanced Math

- **Spring semester**
  - Modern language 2320
  - MATH 3377 (F,S,Su) Linear Algebra

| MATH 3330 (F.S,Su) Analysis I | MATH 33380 (F.S) Analysis II |

#### Junior

- **Fall semester**
  - Modern language 2310
  - MATH 3330 (F.S,Su) Analysis I

- **Spring semester**
  - Modern language 2320
  - MATH 33380 (F.S) Analysis II

| MATH 4315 (F,S) Topology | MATH 4307 (F,S) Modern Algebra |

#### Senior

- **Fall semester**
  - Minor and/or elective hours (as needed, see advisor)

- **Spring semester**
  - Minor and/or elective hours (as needed, see advisor)

| ENG 23XX or ENG 3303 (ENG 23XX must be different than literature taken for core) |

#### 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**
- **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.

**Key:**

- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Arrows with dash lines are recommended prerequisites.
- Courses taught in specific semesters are indicated with the following codes:
  - F-Fall
  - S-Spring
  - Su-Summer Session I or II
  - Required WI courses:
    - 3303, MATH 4382
  - Additional WI courses: ENG 3303, MATH 4382