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 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.

**KEY:**
- Arrows indicate prerequisites.
- Arrows with dotted lines indicate co-requisites.
- Courses taught in specific semesters are indicated with following codes:
  - F-Fall
  - S-Spring
- Required WI courses: MATH 4311
- Additional WI courses: ENG 2310-2360, ENG 3303

**Core courses must be completed:**
- 6 credits Core 010
- 3 credits Core 020
- 6 credits Core 030
- 6 credits Core 040
- 6 credits Core 050
- 6 credits Core 060
- 6 credits Core 070
- 3 credits Core 080
- 6 credits Core 090
- 091, 092, 093, and 094
- US 1100 may be required for some students. Consult with an advisor regarding course choices.

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**BS – Mathematics: Teacher Certification (SC-BS/MATH/EDUC/MAT7)**

2021 Catalog year: College of Science and Engineering

**Table: Core and Minor Requirements**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman Fall</td>
<td>CS 1428 (F,S,Su) Foundations of Computer Science I (TCCNS: COSC 1447/1337)</td>
</tr>
<tr>
<td>Freshman Spring</td>
<td>MATH 2471 (F,S,Su) Intro to Advanced Math (TCCNS: MATH 2413)</td>
</tr>
<tr>
<td>Sophomore Fall</td>
<td>MATH 2472 (F,S,Su) Calculus II (TCCNS: MATH 2414)</td>
</tr>
<tr>
<td>Sophomore Spring</td>
<td>MATH 2473 (F,S,Su) Calculus III (TCCNS: MATH 2415)</td>
</tr>
<tr>
<td>Junior Fall</td>
<td>MATH 3330 (F,S,Su) Linear Algebra</td>
</tr>
<tr>
<td>Junior Spring</td>
<td>MATH 3337 (F,S,Su) Analysis I</td>
</tr>
<tr>
<td>Junior Fall</td>
<td>MATH 3380 (F,S) Modern Algebra</td>
</tr>
<tr>
<td>Senior Fall</td>
<td>MATH 4304 (S) Capstone Math for Secondary Ed Teachers</td>
</tr>
<tr>
<td>Senior Spring</td>
<td>MATH 4307 (F,S) Analysis II</td>
</tr>
<tr>
<td>Senior Spring</td>
<td>MATH 4310 (F,S) Modern Algebra</td>
</tr>
</tbody>
</table>

**6 hours advanced MATH electives from:**
- MATH 3323 – Differential Equations (F,S,Su)
- MATH 3325 – Number Theory (S)
- MATH 2393 – Calculus III (F,S,Su) (TCCNS: MATH 2315)

**Block 1:**
- CI 3340
- CI 3343
- SPED 4344

**Requires:**
- Admission into Teaching Program
- S 2310, 4332 and CI 3325 with a C or higher
- 2.75+ overall GPA

**Block 2:**
- CI 4370
- CI 4372
- RDG 3323

**Requires:**
- Admission into Teaching Program
- CI 2310, 4332 and CI 3325 with a C or higher
- 2.75+ overall GPA
- Junior or Senior classification
- Application and approval to the block experience

**EDST 4681 Student Teaching**

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Must have a 2.75 overall GPA, 2.5 major GPA and no grade less than C in major/minor courses. Must be admitted to the Education Preparation Program and a minor in Secondary Education is required.