BS – Industrial Engineering with Applied Math minor  
(SC-BS/IE/APMA)  
2016 Catalog year: College of Science and Engineering

**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 1 or II
  - US: Summer Session III

**Core courses must be completed:**
- **__US 1100__**  
- **__ENG 1310__**  
- **__HIST 1310__**  
- **__POS 2310__**  

**Recommended:**
- US 1100 & ENG 1310 recommended for first semester. HIST 1310/1320 not recommended for first semester.

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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.

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<tr>
<th>Freshman</th>
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<td>Fall</td>
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- **MATH 2471 (F,S,Su)**  
- **MATH 2472 (F,S,Su)**  
- **PHYS 1430 (F)**  
- **PHYS 2425 (F)**  
- **ENGR 2300 (F,S,Su)**  
- **CHEM 1341 (F,S,Su)**  
- **CHEM 1141 (F,S,Su)**

- **MATH 3377 (F,S,Su)**  
- **MATH 3323 (F,S,Su)**  
- **ENGR 2332 (F,S,Su)**  
- **ENGR 3375 (F,S)**  
- **CS 1428 (F,S,Su)**

- **MATH 3330 (F,S)**  
- **IE 3340 (F,S)**  
- **IE 3310 (F,S)**

- **IE 3360 (F,S,Su)**  
- **MATH 3373 (F,S,Su)**  
- **MFGE 4396 (S,Su)**  
- **IE 4310 (F)**  
- **IE 4370 (F)**

- **IE 3330 (F,S)**  
- **IE 3340 (F,S)**  
- **IE 3310 (F,S)**  
- **IE 4380 (F)**  
- **IE 4355 (F)**

- **Engr 3320 (F,S)**  
- **EE 3330 (F,S)**  
- **EE 4399 (F)**  
- **EE 4396 (F)**  
- **EE 4396 (F)**

- **EE 3330 (F,S)**  
- **EE 4340 (F)**  
- **EE 4355 (F)**  
- **EE 4310 (F)**  
- **EE 4399 (F)**

- **EE 3330 (F,S)**  
- **EE 4340 (F)**  
- **EE 4355 (F)**  
- **EE 4310 (F)**  
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- **EE 3330 (F,S)**  
- **EE 4340 (F)**  
- **EE 4355 (F)**  
- **EE 4310 (F)**  
- **EE 4399 (F)**