**BACHELOR SCIENCE ELECTRICAL ENGINEERING (BSEE)**

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**Prerequisite course**
**a grade of “C-” or better is required**

**Co-requisite course**

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**Secondary Tech Core**

**Advanced Lab**

**Primary Tech Core Requirement**

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**Secondary Tech Core**

**Advanced Math**

**Secondary Tech Core Requirement**

---

**Primary Tech Core**

**Advanced Math**

**Secondary Tech Core Requirement**

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**Primary Tech Core**

**Elective**

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**Primary Tech Core**

**Elective**

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**Primary Tech Core**

**Elective**

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**Primary Tech Core**

**Elective**

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**Primary Tech Core**

**Elective**

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**Core Courses**

**E 316**

**K/L/M/N/P**

**EE 333T**

**Engineering Communication**

**EE 364D**

**Intro to Engineering Design Co-Requisite Advanced Lab**

**EE 464**

**R/K/H/C/G**

**Senior Design Project**

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**PHY 303L**

**PHY 103N**

**PHY 303K**

**PHY 103M**

**M 427K**

**Adv Calc for Applications I**

**EE 312**

**Software Design & Implementation I**

**EE 313**

**Linear Systems & Signals**

**EE 311**

**Circuit Theory**

**EE 319K**

**Intro to Embedded Systems**

**EE 351K**

**Probability & Random Processes**

**EE 340L**

**Matrices & Matrix Calculations**

**EE 306**

**Intro to Computing**

**EE 302**

**Intro to Electrical Engineering**

**M 408C**

**Differential & Integral Calculus**

**M 408D**

**Seq., Series, & Multivariable Calc**

**M 427K**

**Adv Calc for Applications I**

**M 340L**

**Matrices & Matrix Calculations**

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**Cores / Electives:**

**Primary Technical Core:** 8 courses includes an Advanced Math and Advanced Lab

**Secondary Technical Core:** 4 courses includes an Advanced Math and Advanced Lab

*NOTE: As of Fall 2012, UT Austin now requires students in the 2014-2016 Catalog to successfully complete two (2) additional FLAG courses in order to meet graduation requirements. ONLY DESIGNATED COURSE SECTIONS WILL COUNT TOWARDS THESE FLAGS.

1. Cultural Diversity
2. Global Cultures

**Other Required Courses:**

- GOV 310L (or Equivalent)
- GOV 312L (or Equivalent)
- HIS 3US
- HIS 3US
- *Visual & Performing Arts
- *Social & Behavioral Science
- *Approved Elective
## TECHNICAL CORES

**STEP 1: SELECT A PRIMARY TECHNICAL CORE:**

**CHOOSE 8 COURSES:** REFER TO 2012-2014 TECHNICAL CORE HAND-OUT FOR ADDITIONAL ELECTIVES

<table>
<thead>
<tr>
<th>Major Profile</th>
<th>Technical Core</th>
<th>Advanced Math</th>
<th>Core</th>
<th>Core</th>
<th>Core Lab</th>
<th>Elective</th>
<th>Elective</th>
<th>Elective</th>
<th>Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Software Engineering &amp; Design</td>
<td>M 325K</td>
<td>EE 422C Software Design &amp; Implementation II</td>
<td>EE 360C Algorithms Pre-req: M 325K</td>
<td>EE 461L Software Engineering &amp; Design Laboratory</td>
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</tbody>
</table>

**STEP 2: SELECT A SECONDARY TECHNICAL CORE:**

**CHOOSE 4 COURSES:** REFER TO 2012-2014 TECHNICAL CORE HAND-OUT FOR ADDITIONAL COURSE SUBSTITUTIONS IF NEEDED

- **ACADEMIC ENRICHMENT:** Can ONLY be taken as Secondary Technical Core & at least 14 credit hours of coursework to include an approved advanced math/science course. An Advanced Lab is **NOT** required and **ONLY ONE** course can be lower division.
- **Software Engineering / Academic Enrichment:** You will have additional course requirements in Software Engineering & Design. Depending on your senior design project in EE 364D (software vs. hardware component), you **MUST** follow the Additional Procedures section at: http://www.ece.utexas.edu/undergraduate/curriculum/2012/cores/ae when choosing your Software Engineering technical core electives.

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*ECE Undergraduate Office*