DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING
BACHELOR SCIENCE ELECTRICAL ENGINEERING (BSEE)

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

**Co-requisite course**

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TECHNICAL CORES / ELECTIVES:

**Primary Technical Core**: 8 courses including an Advanced Math and Advanced Lab
**Secondary Technical Core**: 4 courses including an Advanced Math and Advanced Lab

**Primary Tech Core Requirement**

**Secondary Tech Core Requirement**

**Secondary Tech Core Requirement**

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OTHER REQUIRED COURSES:

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

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As of Fall 2012, UT Austin now requires students to successfully complete two (2) additional FLAG courses in order to meet graduation requirements. ONLY DESIGNATED COURSE SECTIONS WILL COUNT TOWARDS THESEES FLAGS. It is highly recommended that you complete the following flag courses by the end of your second year:

1. Cultural Diversity
2. Global Cultures

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The double-lined boxes represent lower division courses
Students MUST earn a "C-" or better and an in-residence GPA of at least 2.00 in lower division courses.

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

Co-requisite course

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### TECHNICAL CORES

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

**CHOOSE 8 COURSES: REFER TO TECHNICAL CORES SELECTIONS PACKET 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>
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</thead>
<tbody>
<tr>
<td></td>
<td>Software Engineering &amp; Design</td>
<td>*M 325K Discrete Mathematics Designated section for EE students is recommended</td>
<td>EE 422C Software Design &amp; Implementation II</td>
<td>EE 360C Algorithms Pre-requisite M 325K</td>
<td>EE 461L Software Engineering &amp; Design Laboratory</td>
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<td></td>
<td><strong>Data Science &amp; Information Processing</strong></td>
<td>*M 325K Discrete Mathematics Designated section for EE students is recommended</td>
<td>EE 461P OF EE 361M Data Science Principles</td>
<td>EE 360C Algorithms Pre-requisite M 325K</td>
<td>EE 479K OF EE 379K Data Science Lab Pre-requisite EE 351K and EE 360C</td>
<td>EE 351M Digital Signal Processing Co-requisite EE 351K</td>
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**STEP 2: SELECT A SECONDARY TECHNICAL CORE:**

**CHOOSE 4 COURSES: REFER TO TECHNICAL CORES SELECTIONS PACKET FOR ADDITIONAL COURSE SUBSTITUTIONS IF NEEDED**

<table>
<thead>
<tr>
<th>Advanced Math</th>
<th>Core</th>
<th>Core</th>
<th>Core Lab</th>
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</thead>
</table>

**Academic Enrichment**

CAN ONLY be selected as secondary technical core & requires at least 14 credit hours of coursework to include an approved advanced math/science course. An Advanced Lab is NOT required and only THREE credit hours of a lower division course may count.

**Software Engineering/Academic Enrichment**

If you select this combination you MUST follow additional requirements depending on your senior design project in EE 364D (software vs. hardware component). Refer to the Technical Core Selections Packet for more information.