Electrical Engineering – Networks and Communications Systems with a math minor
2011 Catalog (SC-BS/EE/NTCM/MATH)
College of Science and Engineering Undergraduate Advising Center
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 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.
- Arrows with dash lines are recommended prerequisite.
- Courses taught specific semesters are indicated with the following codes:
  - F - Fall
  - S - Spring
  - S1 - Summer Session I
  - S2 - Summer Session II

Required WI courses: EE 4390, 4391

Core courses must be completed:
- US 1100
- COMM 1310
- PFW
- ART/DAN/MU/TH 2313
- PHIL
- ENG 1310
- ENG 1320
- HIST 1310
- HIST 1320
- POSI 2310
- POSI 2320
- ENG 2310-2360

ENG 1310 recommend for first semester. HIST 1310/1320 not recommended for first semester.

<table>
<thead>
<tr>
<th>Freshman Fall Semester</th>
<th>Freshman Spring Semester</th>
<th>Sophomore Fall Semester</th>
<th>Sophomore Spring Semester</th>
<th>Junior Fall Semester</th>
<th>Junior Spring Semester</th>
<th>Senior Fall Semester</th>
<th>Senior Spring Semester</th>
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</thead>
<tbody>
<tr>
<td>7 hours of core courses</td>
<td>3 hours of core courses</td>
<td>10 hours of core courses (summer)</td>
<td>ECO 2301</td>
<td>3 hours of core courses</td>
<td>3 hours of core courses</td>
<td>EE 3420</td>
<td>EE 4372</td>
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<tr>
<td>CHEM 1341 (F,S,S1)</td>
<td>ENGR 2300</td>
<td>EE 2400</td>
<td>MATH 3375 (S)</td>
<td>ENGR 3315</td>
<td>EE 3340</td>
<td>EE 3550</td>
<td>6 hours from: EE 4347</td>
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<tr>
<td>CHEM 1141 (F,S,S1)</td>
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<td>MATH 3377 (F,S,S1)</td>
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<td>EE 3400</td>
<td>EE 4350</td>
<td>EE 4375</td>
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<tr>
<td>PHYS 1430 (F,S)</td>
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<td></td>
<td>MATH 3323 (F,S,S2)</td>
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<td>EE 3400</td>
<td>EE 3500</td>
<td>EE 4350</td>
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<td>PHYS 2425 (F,S)</td>
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<td>PHYS 2435 (F,S)</td>
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<td>EE 3400</td>
<td>EE 4300</td>
<td>EE 4370</td>
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<td>MATH 2471 (F,S,S1)</td>
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<td>IE 3320</td>
<td>EE 4300</td>
<td>EE 4370</td>
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<tr>
<td>MATH 2472 (F,S,S2)</td>
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<td>EE 4391</td>
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<td>15 hours</td>
<td>14 hours (10 in summer)</td>
<td>18 hours</td>
<td>17 hours (7 in summer)</td>
<td>16 hours</td>
<td>16 hours</td>
<td>12 hours</td>
<td>12 hours</td>
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</table>

Texas State University: San Marcos
ph: 512-245-1315  email: scienceadvising@txstate.edu  website: http://science.txstate.edu/advising  Last revised: 8/3/2011