**ELECTRICAL ENGINEERING, B.S. (CAPITAL)**

**Begin Campus:** Any Penn State Campus

**End Campus:** Harrisburg

**Suggested Academic Plan**

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2021-22 academic year. To access previous years' suggested academic plans, please visit the archive (https://bulletins.psu.edu/undergraduate/archive/) to view the appropriate Undergraduate Bulletin edition (Note: the archive only contain suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin).

**Electrical Engineering, B.S.: Ending at Harrisburg Campus**

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

<table>
<thead>
<tr>
<th>First Year</th>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>CHEM 110*†</td>
<td>3 CAS 100‡</td>
<td>3</td>
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<tr>
<td>CHEM 111*†</td>
<td>3 EDSEG 100S</td>
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<tr>
<td>ENGL 15 or 30H‡</td>
<td>4 MATH 141*#†</td>
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<tr>
<td>MATH 140*#†</td>
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<td>General Education Course</td>
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<td>General Education Course (GHW)</td>
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<th>Second Year</th>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
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<tbody>
<tr>
<td>CMPEN 271*</td>
<td>3 CMPSC 121, 201, or 202†</td>
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<tr>
<td>CMPEN 275*</td>
<td>3 ECON 102, 104, or 14†</td>
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<td>EMCH 211</td>
<td>3 ENGL 202C††</td>
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<td>MATH 220†</td>
<td>3 MATH 250</td>
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<tr>
<td>MATH 230</td>
<td>4 PHYS 213†</td>
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<tr>
<td>PHYS 212*††</td>
<td>4 PHYS 214†</td>
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<td>SSET 295</td>
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<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
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<tbody>
<tr>
<td>EE 210*</td>
<td>4 EE 310*</td>
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<tr>
<td>EE 341</td>
<td>3 EE 317†</td>
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<td>CMPEH 472</td>
<td>4 EE 330</td>
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<td>STAT 200, 401, 414, or 418‡</td>
<td>3-4 EE 352*</td>
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<th>Total Credits</th>
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* Course requires a grade of C or better for the major
† Course requires a grade of C or better for General Education
# Course is an Entrance to Major requirement
†† Course satisfies General Education and degree requirement
1 CMPSC 121 Introduction to Programming Techniques, recommended.
2 STAT 200 Elementary Statistics requires a grade of C or better and satisfies both major and General Education requirements.

**University Requirements and General Education Notes:**

US and IL are abbreviations used to designate courses that satisfy University Requirements (United States and International Cultures). W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of 'C' or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.

**program Notes:**

Following courses are offered only in semesters as listed below:

**Fall:** EE 341, EE 311, EE 461

**Spring:** EE 330, EE 485

Students must complete a 3-credit course in "United State Culture (US)" and a 3-credit course in "International Cultures (IL)."