## BS ELECTRICAL ENGINEERING

**NOTE:** This document can be used as a compact display of courses and other curricular requirements at the time of the publication of the 2015-2017 catalog. The Degree Progress Report must be used to track students’ progress in all degree requirements, throughout their Cal Poly career.

### SUPPORT COURSES (67)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 213 and BMED 213 (B3)</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 124 General Chem for Engineering</td>
<td>4</td>
</tr>
<tr>
<td>CSC/CPE 101 Fundamentals of Computer Science</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 149 Technical Writing for Engineers (A3)</td>
<td>4</td>
</tr>
<tr>
<td>IME 156 or IME 157</td>
<td>2</td>
</tr>
<tr>
<td>MATH 141 Calculus I (B1)</td>
<td>4</td>
</tr>
</tbody>
</table>

See reverse for footnotes

### GENERAL EDUCATION (GE)

72 units required, 32 of which are specified in Support

Refer to current schedule or [http://www.ge.calpoly.edu](http://www.ge.calpoly.edu) to choose GE courses. You will not receive credit for courses not on the approved lists.

Minimum of 8 units required at the 300 level

<table>
<thead>
<tr>
<th>Area A Communication</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 Expository Writing</td>
<td>4</td>
</tr>
<tr>
<td>A2 Oral Communication</td>
<td>4</td>
</tr>
<tr>
<td>A3 Reasoning, Argu &amp; Writing</td>
<td>4</td>
</tr>
</tbody>
</table>

**Area B Science and Mathematics (no add'l units req'd)**

28 units are listed in Support

<table>
<thead>
<tr>
<th>Area C Arts and Humanities</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1 Literature</td>
<td>4</td>
</tr>
<tr>
<td>C2 Philosophy</td>
<td>4</td>
</tr>
<tr>
<td>C3 Fine/Performing Arts</td>
<td>4</td>
</tr>
<tr>
<td>C4 Upper-division elective</td>
<td>4</td>
</tr>
</tbody>
</table>

**Area D/E Society and the Individual**

<table>
<thead>
<tr>
<th>Area D/E Society and the Individual</th>
<th>16</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1 The American Exp (40404)</td>
<td>4</td>
</tr>
<tr>
<td>D2 Political Economy</td>
<td>4</td>
</tr>
<tr>
<td>D3 Comp Social Institutions</td>
<td>4</td>
</tr>
<tr>
<td>D4 Self Dev (CSU Area E)</td>
<td>4</td>
</tr>
</tbody>
</table>

**FREE ELECTIVES**

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**OTHER DEGREE REQUIREMENTS:**

- Cal Poly, Higher Ed, and Major GPA must all be at least 2.00
- For students admitted Fall 2016 and after, a grade of C- or higher is required in GE A1, A2, A3, and one GE B1 course

All students must complete:

- United States Cultural Pluralism Requirement
- Graduation Writing Requirement
- 60 units Upper Division (any 300-400 level classes)
- Upper Division units in the Major: 27
- Residency Requirements: See Degree Progress Report for details
TECHNICAL ELECTIVES¹,⁶
Select from the following: ²

EE Senior Design Lecture/Laboratory Electives:
EE 410, 411, 413, 417, 420, 424, 433, 434, 495⁴, 516;
EE/CPE 428, 439, 521, 522, 523;
EE 431/ CPE 441
EE Senior Design Lecture Electives:
EE 400⁵, 403, 405, 406, 407, 412, 415, 416, 418, 419, EE 423/BMED
434/MATE 430, 425, 440, 470, 502, 509, 511, 513, 514, 515, 518, 519,
520, 524, 526, 527, 528, 529, 530, 533, 570;
EE/CPE 432
EE Senior Design Laboratory Electives:
EE 400⁵, EE/PHYS 422, 443, 444, 445, 452, 455, 456, 458, 459, 471,
EE/CPE 472, 480, 541, 544;
Non-EE Electives:
BMED 410, 420, 425, 430, BMED/MATE 435, 440, 445;
BUS 311;
CHEM 313;
CPE 482;
CSC 341;
CSC/CPE 315, 416, 453, 454, 458, 464, 471;
ECON 330, 337, 403, 413;
ENVE 331;
IME 301, 303, 305, 319, IME/MATE/HNRS 322, 326, 401, 427, 435,
457, IME/MATE 458/CPE 488;
MATE 340;
ME 302, 318, 326, 350, 405, 415, 423, 450, 488;
MU 311, 312, 411;
PHYS 302, 303, 310, 313, 317, 322, 340, 341, 342, 403, 405, 406, 408,
409, 412, 417, 423, 424, 452;
STAT 426, 427

¹ Consultation with advisor is recommended prior to selecting technical electives or approved
electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or
goals.
² A minimum of 2 EE senior design lectures and 2 EE senior design laboratories.
³ Taken Fall 2009 or later; max 4 units.
⁴ Four units max may count toward technical electives. One unit max, with approval of department
chair, may count towards Senior Design Lab Elective.
⁵ Required in Support; also satisfies GE
⁶ No course may be used to simultaneously satisfy both engineering support and technical elective
requirements.
⁷ The number of units given for transfer credit will not exceed the number of units of the Cal Poly
course.