

| FRESHMAN                                  |   |   | SOPHOMORE   |   |   | JUNIOR   |   |  | SENIOR   |   |  |                             |
|---|---|---|---|---|---|--|---|--|--|---|--|-----------------------------|
| Fund.CSC I<br>CSC/CPE 101                 | Fund CSC II<br>CSC/CPE 102<br>(CSC/CPE 101 ≥ C-, Math 141 ≥ C-)                     | Fund CSC III<br>CSC/CPE 103<br>(CSC/CPE 102 ≥ C-, CSC 141 ≥ C-) | Softw.Engr I<br>CSC/CPE 205<br>(CSC/CPE 103 ≥ C-)     | Softw.Eng II<br>CSC/CPE 206<br>(CSC/CPE 205)      |   | Prof. Resp.<br>CSC 300<br>(CSC/CPE 206)        | Prog Lang<br>CSC 330<br>(CSC/CPE 103 and CSC/CPE 250) | Design & Anl Alg<br>CSC 349<br>(CSC/CPE 103, MATH 142 & all math/stat courses) | ThComp I<br>CSC 445<br>(CSC/CPE 103)             | Intr Op Sys<br>CSC/CPE 453<br>(CSC/CPE 315 and either CSC/CPE 250 or CSC/CPE 353) | TECH ELEC †                                |                             |
|   | DiscStruct<br>CSC 141<br>(CSC 102c, Math 118 & 119 or equiv & CSC/CPE 101 or equiv) | Arts & Hum<br>Elective<br>GEB C                                 | Digital Design<br>CPE/EE 129/169<br>(CSC/CPE 101)     | CompDsg& AssemLang<br>CSC/CPE 229/269 or CSC x225 | SysProg<br>CSC/CPE 250 (CSC/CPE 103 or 109, EE/CPE 229) | CompArchII<br>CSC/CPE 315<br>(CPE 103, EE 229) | TECH ELEC †   | TECH ELEC †  | TECH ELEC †                                      | Senior Project<br>CSC 491<br>(CSC/CPE 206)  | Senior Project<br>CSC 492<br>(CSC/CPE 206) |                             |
| <b>TAKE COURSES IN PREREQUISITE ORDER</b> |   |   |   |   |   |  |   |  | TECH ELEC †                                      | TECH ELEC †   |  |                             |
|   |   |   | General Physics<br>Phys 131 ● Phys 132 ● Phys 133 ●   |   |   | MATH/STAT ELEC*                                | MATH/STAT ELEC*                                       | STAT 321<br>(MATH 142)   |  |   |  |                             |
|   |   |   | <b>OR</b>   |   |   |  |   |  |  |   |  |                             |
|   |   |   | General Chemistry<br>Chem 124 ● Chem 125 ● Chem 129 ● |   |   |  |   |  |  |   |  |                             |
| MATH 141 ●                                | MATH 142<br>(Math 141 ≥ C-)   |   |   |   | Technical Writing<br>ENGL 149                           | GEB C2<br>PHIL 230 or PHIL 231                 | Life Sci.<br>**BIO 213<br>and ENGR/<br>BRAE 213       |  |  |   | Science elective<br>◆                      |                             |
|   |   | Self Devel.<br>GEB D4   |   |   |   | American Experience<br>GEB D1                  | Comp. Social Inst.<br>GEB D3                          | Fine/Perf. Art<br>GEB C3   | Society & Individual<br>GEB AREA D5<br>(300-400) | Literature<br>GEB C1  | GEB AREA C4<br>(300-400)                   | Political Economy<br>GEB D2 |
| FREE ELEC                                 |   |   | FREE ELEC   |   |   |  |   |  |  | GWR   | USCP                                       |                             |

Check for catalog changes at <http://www.ee.calpoly.edu/CENGAC>

\* MATH/STAT Elective: Select from: CSC 142; MATH 143, 206, 241, 244, 248, 306, 335, 336, 437, 470; STAT 322

◆ Science Elective: Select from BIO 111,115, 151; BOT 121; CHEM 124; MCRO 221, 224; PHYS 131 (no double counting of units)

† Adviser approved technical electives are subject to Computer Science Department guidelines; contact the College of Engineering Advising Center (<http://www.ee.calpoly.edu/CENGAC>) for additional information and agreement form. Technical electives MUST be approved in advance.

● Refer to current catalog for pre-requisites

\*\* Chem 124 prerequisite is waived for CSC majors