

**CSC COURSE OFFERINGS PER TERM (copy into your browser): <https://www.csc.calpoly.edu/courses/proposed/>**

Updated 2/3/2017

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR				
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring		
Introduction to Computing <b>CPE/CSC 123 (4)</b> (Basic computer literacy)	Fundamentals of CSC I <b>CSC/CPE 101 (4)</b> *	Choose one: Fund of CSC II <b>CSC/CPE 102</b> or Accelerated Intro. to CSC <b>CSC/CPE 108 (4)*</b>	Fundamentals of CSC III <b>CSC/CPE 103 (4)</b> (CSC/CPE 101 or 108 w/min C-, or Instr. consent)	Discrete Structures <b>CSC 348 (4)</b> (CSC/CPE 103 w/min C-, or Instr. consent)		Introduction to Operating Systems <b>CSC/CPE 453 (4)</b> (CSC/CPE 357, & 225 or CPE/EE 229 or 233)							
Expository Writing <b>ENGL 133 or 134 (4)**</b> [A1] Can be taken anytime during Freshman Year			Introduction to Computer Organization <b>CSC 225 (4)</b> (CSC/CPE 102)			Computer Architecture <b>CSC/CPE 315 (4)</b> (CSC/CPE 103, & CPE/EE 229 or CSC 225 or CPE/EE 233)			Professional Responsibilities <b>CSC/CPE 300 (4)</b> (CPE 357, Jr. Standing)				
Oral Communication <b>COMS 101 or 102 (4)**</b> [A2] Can be taken anytime during Freshman Year			MATH/STAT Support Elective <b>(4)^2</b>			Systems Programming <b>CSC/CPE 357 (4)</b> (CSC/CPE 103 w/min C-, or Instr. Consent, & CSC 225 or CPE /EE 229 or 233)			Approved Technical Elective <b>(4)<sup>5</sup></b> ***	Approved Technical Elective <b>(4)<sup>5</sup></b> ***	Approved Technical Elective <b>(4)<sup>5</sup></b> ***	Senior Project Lab I <b>CSC 491 (2)</b> (CSC/CPE 307 or 309, Instr. Consent)	Senior Project Lab II <b>CSC 492 (2)</b> (CSC 491, Instr. consent)
Life Science Support Elective (4-5) <sup>1</sup> [Add'l Area B]	Calculus I <b>MATH 141 (4)</b> * [B1]	Calculus II <b>MATH 142 (4)</b> (MATH 141 w/min C-) [B1]	Calculus III <b>MATH 143 (4)</b> (MATH 142 w/min C-)	Linear Math <b>MATH 206 or 244 (4)</b> (MATH 143)	Statistical Methods for Engineers <b>STAT 312 (4)</b> (MATH 142) [B6]	Design and Analysis of Algorithms <b>CSC 349 (4)</b> (CSC 141 or 348, & MATH 142; or CPE/CSC 103 & MATH 248)	Programming Languages I <b>CSC/CPE 430 (4)</b> (CSC 349 & CSC/CPE 357)	Programming Languages II <b>CSC/CPE 431 (4)</b> (CSC/CPE 430)	Theory of Computation I <b>CSC 445 (4)</b> (CSC 141 or 348)	Approved Technical Elective <b>(4)<sup>5</sup></b> ***	Upper-Division Elective <b>(4)<sup>^</sup></b> ***		
Select one of the "Physical Science Support Electives" Series (12 units): Physics I <b>PHYS 141 (4)*</b> [B3/B4] Physics II <b>PHYS 132 (4)*</b> [Add'l Area B] Physics III <b>PHYS 133 (4)*</b> [B6]			Chemistry I <b>CHEM 124 (4)*</b> [B3/B4] Chemistry II <b>CHEM 125 (4)*</b> [Add'l Area B] Chemistry III <b>CHEM 126 (4)*</b>			Software Engineering <b>CSC/CPE 307 or 308 (4)<sup>4</sup></b> (CPE/CSC 357; & CSC 141 or 348)	Software Engineering II <b>Technical Elective or CPE 309 (4)<sup>4</sup></b>	Additional Science Support Elective <b>(4)<sup>^3</sup></b> * [B2]			Approved Technical Elective <b>(4)<sup>5</sup></b> ***		
Technical Writing for Engineers <b>ENGL 149 (4)</b> [A3] (Completion of GE A1 with a C- or better, Recommended: Completion of GE A2) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years			GE (4) **			GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **
						Graduation Writing Requirement <b>GWR*</b> (Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)							
12	16	16-17	16	16	16	12	16	16	16	14	14	<b>TOTAL: 180-181</b>	

**Notes:**

**MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET**

\* Refer to current catalog for prerequisites.

\*\* One course from each of the following GE areas must be completed: A1, A2, C1, C2, C3, C4, D1, D2, D3, D4. C4 should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).

USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D3, or D4.

\*\*\* Refer to current catalog for course selection.

^ Cannot double count units.

† Course can be taken previously or concurrently.

<sup>1</sup> Select 4-5 units from the following: BIO 111, BIO 161, BIO 213 & BMED 213, BOT 121, MCRO 221, or MCRO 224.

<sup>2</sup> Select 4 units from the following: MATH 241, 248, 306, 335, 336, 437, 470; STAT 313, 323, 324, 330, 331, 416, 418, 419.

<sup>3</sup> Select 4 units from the following: BIO 111, 161 ; BOT 121; CHEM 124; MCRO 221, 224; PHYS 141.

<sup>4</sup> If CSC/CPE 308 is taken, you will take CSC/CPE 309 (which counts as a Technical Elective). If CSC/CPE 307 is taken, you can take 4 units of Technical Electives.

<sup>5</sup> If CSC/CPE 308/309 is taken, 20 units of technical electives required. If CSC/CPE 307 is taken, 24 units of technical electives required.

**Legend:**

Course Title Course # (Units) (Prerequisite)	Major (88)
[GE Area]	Support (52-53)
	General Ed. (40)