

Updated 7/23/2019

FRESHMAN			SOPHOMORE			JUNIOR			SENIOR		
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
Introduction to Computing CPE/CSC 123 (4) (Basic computer literacy)	Fundamentals of Computer Science CSC/CPE 101 (4) *	Data Structures CSC/CPE 202 (4)¹ (CPE/CSC 101 ; MATH 141 or 221. Min C-. Or Instr Consent)	Proj-Based Object-Oriented Programming & Design CSC/CPE 203 (4) (CSC/CPE 202 w/min C- or Instr. consent)	Systems Programming CSC/CPE 357 (4) (CSC/CPE 102 & 103 or 202 and CSC/CPE 203 w/ min C- or Instr consent; & CSC 225 or CPE/EE 229 or 233)	Choose one: IME 314 (3) OR IME 315 (3) *	Professional Responsibilities CSC 300 (4) (CSC/CPE 357; Jr Standing)	CHOOSE ONE OR Software Engineering I CSC 308 (4) (CSC 141 or CSC 348)	Software Engineering II CSC 309 (4) (CSC 308; CSC/CPE 357)	Physics, Science & Tech PHIL 323 * Programming Languages CSC 430 (4) (CSC 349; CSC/CPE 357)	Software Requirements Engineering CSC/CPE 402 (4) (CSC 307 or 309)	Software Construction CSC/CPE 405 (4) (CSC 305 & 402)
Calculus I MATH 141 (4) * [B1]	Calculus II MATH 142 (4) (MATH 141 w/min C-)	Calculus III MATH 143 (4) (MATH 142 w/min C-)	Calculus IV MATH 241 (4) (MATH 143)	Discrete Structures CSC 348 (4) (CSC/CPE 102 & 103 or CSC/CPE 202 & CSC/CPE 203. Min C-. Or Instr consent)	Linear Analysis I MATH 244 (4) (MATH 143)	Design & Analysis of Algorithms CSC 349 (4) (CSC 141 or 348 & MATH 142; or CPE/CSC 102 & 103 or 202 & 203 w/ MATH 248)	User-Centered Interface Design & Development CSC 484 (4) (CSC 307 or 308; Jr. standing)	Approved Technical Elective (4)² ***	Approved Technical Elective (4)² ***	Approved Technical Elective (4)² ***	Approved Technical Elective (4)² ***
Expository Writing ENGL 133/134 (4)** [A1]			Physical Science Support Electives (12 units) Physics IA, II, & III PHYS 141 (4)* [B3/B4]			Choose one: Teamwork PSY 350 (4) (GE D4) OR Small Grp Comm COMS 217 (4) (COMS 101 or 102)			Math Elective (Choose one): MATH 248, 304, 335, 336, or 451 (4) *		
Oral Communication COMS 101/102 (4)** [A2]			Chemistry I, II, & III CHEM 125 (4)* [Add'l Area B]			Graduation Writing Requirement Students can attempt to fulfill the requirement after 3 earned units; students should complete the requirement before senior year)			Life Science Support Elective (4-5)³ [Add'l Area B]		
Technical Writing ENGL 149 (4) (Completion of GE A1 with a C- or better, Can be taken anytime between Winter of Freshman and Winter of Sophomore Years)			Engineers [A3] Recommended: Completion of GE A2)			GE (4) **			GE (4) **		
GE (4) **	GE (4) **			GE (4) **		GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **	GE (4) **
16	16	16	16	16	15	16	16	16	16	12	12-13
										TOTAL:	
										183-184	

Fall:
CEA Madrid, Spain
CEA Paris, France

Fall:
CEA Madrid, Spain

Spring:
Munich, Germany

Summer:
Munich, Germany

Summer:
CEA Barcelona, Spain
Cal Poly Affiliated Programs

Summer:
CEA Barcelona, Spain
Cal Poly Affiliated Programs