

Name:

EMPL ID:

DATE UPDATED:

Please note: this flowchart is one example of how students can graduate in 3 years. Some transfer students need longer than this. We encourage students to this use as a tool in creating their own unique quarter by quarter graduation plan.

		YEAR 1			YEAR 2			YEAR 3		
		Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring
<p><i>Introduction to Computing</i> CPE/CSC 123 (4) (or Technical Elective) **</p>	<p>** SE Transfer Students with articulated community college coursework equivalent to CPE 203 or additional STEM transfer college coursework, will have credit applied to the CPE 123 requirement. SE Transfer students that do not have articulated community college coursework equivalent to CPE 203 or additional STEM transfer college coursework, will take an additional 4 units of Technical Electives in a future quarter.</p>	<p><i>Proj-Based Object-Oriented Programming & Design</i> CSC/CPE 203 (4)</p>	<p><i>Systems Programming</i> CSC/CPE 357 (4) <small>(CSC/CPE 102 & 103 or 202 and CSC/CPE 203 w/ min C- or Instr consent; & CSC</small></p>	<p><i>Design & Analysis of Algorithms</i> CSC 349 (4) <small>(CSC 141 or 348 & MATH 142; or CPE/CSC 102 & 103 or 202 & 203 w/ MATH 248)</small></p>	<p><i>Software Engineering I</i> CSC 308 (4) <small>(CSC 141 or CSC 348)</small></p>	<p><i>Software Engineering II</i> CSC 309 (4) <small>(CSC 308)</small></p>	<p><i>Programming Languages I</i> CSC 430 (4) <small>(CSC 349, CSC/CPE 357)</small></p>	<p><i>Software Requirements Engineering</i> CSC/CPE 402 (4) <small>(CSC 307 or 309)</small></p>	<p><i>Software Construction</i> CSC/CPE 405 (4) <small>(CSC 305 & 402)</small></p>	<p><i>Senior Project: Software Deployment</i> CSC/CPE 406 (4) <small>(CSC 405)</small></p>
		<p><i>Introduction to Computer Organization</i> CSC 225 (4) <small>(CSC/CPE 202-formerly CSC/CPE 103)</small></p>	<p><i>Discrete Structures</i> CSC 348 (4) <small>(CSC/CPE 102 & 103 or CSC/CPE 202 & CSC/CPE 203. Min C-. Or Instr consent)</small></p>	<p>Choose One: <i>Professional Responsibilities</i> CSC 300 (4) OR <i>Ethics, Science & Tech</i> PHIL 323 (4)</p>	<p><i>Individual Software Design & Development</i> CSC 305 (4) <small>(CSC/CPE 357)</small></p>	<p>Approved Technical Elective (4) ***</p>	<p>Approved Technical Elective (4) ***</p>	<p><i>User-Centered Interface Design & Development</i> CSC 484 (4) <small>(CSC 307 or 308; Jr. standing)</small></p>	<p>Approved Technical Elective (4) ***</p>	<p>Approved Technical Elective (4) ***</p>
<p>This Transfer Student Flowchart assumes equivalents for the courses below have been transferred to Cal Poly. Anything not transferred in needs to be added to this flowchart, which may result in an additional quarter/s. Check your DPR to verify credit:</p> <ul style="list-style-type: none"> <input type="checkbox"/> MATH 141 <input type="checkbox"/> MATH 142 <input type="checkbox"/> MATH 143 <input type="checkbox"/> MATH 241 <input type="checkbox"/> MATH 244 <input type="checkbox"/> PHYS 141 and PHYS 132 and PHYS 133 or CHEM 124 and CHEM 125 and CHEM 126 <input type="checkbox"/> Life Science Support Elective (GE AREA B2) <input type="checkbox"/> ENGL 149 (GE AREA A3) <input type="checkbox"/> CPE 101 <input type="checkbox"/> CPE 202 <input type="checkbox"/> GE AREA A1 <input type="checkbox"/> GE AREA A2 <input type="checkbox"/> GE AREA C1 <input type="checkbox"/> GE AREA C2 <input type="checkbox"/> GE AREA LOWER-DIVISION C <input type="checkbox"/> GE AREA D1 <input type="checkbox"/> GE AREA D2 <input type="checkbox"/> GE AREA D ELECTIVE 	<p><i>Statistical Methods For Engineers</i> STAT 312 (4) <small>(MATH 142) [B6]</small></p>	<p>GE Upper-Division C (4) (combine with USCP requirement if still needed)</p>	<p>Choose one: <i>IME 314 (3)</i> OR <i>IME 315 (3)</i> *</p>	<p><i>General Psychology</i> PSY 201/202 [E]</p>	<p>Math Elective (Choose one): MATH 248, 304, 335, 336, or 451 (4) *</p>	<p><i>Introduction to Database Systems</i> CSC 365 (4) <small>(CSC 141; or CSC 348; or CSC/CPE 102 & 103 & MATH 248; or CSC/CPE 202 & 203 & MATH 248)</small></p>	<p>Choose one: <i>Teamwork</i> PSY 350 (4) <small>(GE D4)</small> OR <i>Small Grp Comm</i> COMS 217 (4) <small>(COMS 101 or 102)</small></p>	<p>any remaining major, support or GE not transferred in</p>	<p>any remaining major, support or GE not transferred in</p>	
	<p>Graduation Writing Requirement GWR* <small>(Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)</small></p>									
	12	12	11+	12	12	12	12	12	8+	8+

Notes:

* Refer to current catalog for prerequisites.
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: C1, Upper-Division C, D1, D2, D Elective, or E.
*** Refer to current catalog for course selection.
† Course can be taken previously or concurrently.
¹ Consultation with advisor is recommended prior to selecting approved electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or goals. A total of 20 technical elective units selected from upper-division and graduate CSC and CPE courses open to those in the major and not otherwise required by the major. An additional 4 units of CPE/CSC technical electives may substitute for CSC 123 in major requirements

Legend:

Course Title	
Course # (Units)	Major
(Prerequisite)	Support
[GE Area]	General Ed.