

Please note: this flowchart is one example of how students can graduate in 2 years. Many 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.

Updated 4/21/23

			YEAR 1			YEAR 2			
Fall	Winter	Spring	Fall	Winter	Spring	Fall	Winter	Spring	
<div>Introduction to Computing</div> <div>CPE/CSC 123 (4)</div> <div>(or Technical Elective)⁷</div>	⁷ CSC Transfer Students with additional STEM transfer college coursework will have credit applied to the CPE 123 requirement. CSC Transfer students that do not have additional STEM transfer college coursework will take an additional 4 units of Technical Electives in a future quarter. If AP CSC was taken, submit a course substitution requesting credit for 123.		<div>Design & Analysis of Algorithms</div> <div>CSC 349 (4)</div> <div>(CSC 202 and CSC 203; MATH 142; and CSC 248; CSC 348, or MATH 248)</div>	<div>Systems Programming</div> <div>CSC 357 (4)</div> <div>(CSC 202 and CSC 203 with a grade of C- or better; and CSC 225 or CPE/EE 229 or CPE/EE 233.)</div>	<div>Theory of Computation I</div> <div>CSC 445 (4)</div> <div>(CSC 248 or 348)</div>	<div>Introduction to Operating Systems</div> <div>CPE 453 (4)</div> <div>(CPE 357; and CSC 225; CPE/EE 229, or CPE/EE 233)</div>	<div>Programming Languages</div> <div>CSC 430 (4)</div> <div>(CSC 349)</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>	
<div>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:</div> <div><div><input type="checkbox"/> MATH 141</div><div><input type="checkbox"/> MATH 142</div><div><input type="checkbox"/> MATH 143</div><div><input type="checkbox"/> MATH 206 or MATH 244</div><div><input type="checkbox"/> PHYS 141 and PHYS 132/142 and PHYS 133/143 or CHEM 124 and CHEM 125 and CHEM 126</div><div><input type="checkbox"/> Additional Science Support Elective</div><div><input type="checkbox"/> Life Science Support Elective (GE AREA B2)</div><div><input type="checkbox"/> PHIL 230/231⁶ (GE AREA C2)</div><div><input type="checkbox"/> CSC 101</div><div><input type="checkbox"/> CSC 202</div><div><input type="checkbox"/> CSC 203</div><div><input type="checkbox"/> CSC 225</div><div><input type="checkbox"/> CSC 248</div><div><input type="checkbox"/> GE AREA A1</div><div><input type="checkbox"/> GE AREA A2</div><div><input type="checkbox"/> GE AREA A3</div><div><input type="checkbox"/> GE AREA C1</div><div><input type="checkbox"/> GE AREA LOWER-DIVISION C</div><div><input type="checkbox"/> GE AREA D1</div><div><input type="checkbox"/> GE AREA D ELECTIVE</div><div><input type="checkbox"/> GE AREA E</div><div><input type="checkbox"/> GE AREA F</div></div>			<div>Introduction to Software Engineering</div> <div>CSC 365 (4)</div> <div>(CSC 248 or 348; CSC 202 and CSC 203)</div>	<div>ES/WGQS 350(4)*⁴</div> <div>(USCP)</div> <div>OR</div> <div>ES 351 (4)*⁴</div> <div>(UD D)</div>	<div>Choose One:</div> <div>CSC 321 (4)¹</div> <div>OR</div> <div>CSC 323 (4)</div> <div>OR</div> <div>CSC 325 (4)</div> <div>*</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>	<div>Choose One Series:</div> <div>Intro Software Engineering & Tech Elective</div> <div>CSC 307 (4)</div> <div>Tech Elec (4)</div> <div>(CSC 248 or 348; CPE/CSC 357)</div> <div>*</div> <div>OR</div> <div>Software Engineering I & II</div> <div>CSC 308 (4)</div> <div>CPE 309 (4)²</div> <div>(CSC 248 or 348)</div> <div>(CSC 308; CPE/CSC 357)</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>
			<div>GE Upper-Division C</div> <div>(4)*³</div> <div>If PHIL 323 is taken to cover the CSC 300/PHIL 323 requirement, the GE Upper-Division C requirement will also be met with PHIL 323.</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>	<div>Choose One Series:</div> <div>Senior Project Lab I & II</div> <div>CSC 491 (2)</div> <div>CSC 492 (2)</div> <div>(CSC 307 or 309; Instr. consent)</div> <div>(CSC 491; Instr. consent)</div> <div>OR</div> <div>Research Senior Project I & II</div> <div>CSC 497 (2)</div> <div>CPE 498 (2)</div> <div>(CSC 307 or 309; Instr. consent)</div> <div>(CSC 497; Instr. consent)</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>		
			<div>Choose one:</div> <div>Ethics, Science & Tech</div> <div>PHIL 323 (4)* (double counts w/GE Upper-Division C)</div> <div>OR</div> <div>Professional Responsibilities</div> <div>CSC 300 (4)*</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>	<div>Choose Either:</div> <div>CSC 364 (4) AND</div> <div>Concentration or General Curriculum Elective</div> <div>OR</div> <div>CSC 464 (4) AND CSC 469 (4)⁵</div>	<div>Concentration or General Curriculum Elective</div> <div>(4)¹</div> <div>***</div>		
			<div>Statistical Methods For Engineers</div> <div>STAT 312</div> <div>*</div> <div>[Upper-Div GE Area B]</div>		<div>any remaining major, support or GE not transferred in</div> <div>(combine with USCP requirement if still needed)</div>				
			<div>Graduation Writing Requirement GWR*</div> <div>(Must be fulfilled before graduation by either enrolling in a GWR-approved, upper-division English course (which can double-count with the Upper-Division C) OR by completing the GWR Portfolio through enrolling in UNIV 401. GWR courses are searchable on Schedule Builder.)</div>						
			16	12	16	16	14	14	

Notes:

* Refer to current catalog for prerequisites.

**Refer to the 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, D Elective, or E.

*** Refer to your catalog for course selection and make note of the following change in Technical Electives:

The Technical Elective policy now allows a maximum of 8 units of External Technical Electives and the Pre-req restriction in the Technical Elective with a Pre-req was eliminated, allowing a CSC Technical Elective to replace that requirement. Course substitution forms are required to make these adjustments.

¹ Cannot double count units with technical electives and major/support requirements.

² Students in Privacy and Security Concentration must take CSC 321.

³ If taken, CSC/CPE 309 counts as a Technical Elective. Students in the Interactive Entertainment Concentration are advised to take CSC 307 instead of CSC 308 and CSC 309.

⁴ If PHIL 323 is taken to cover the CSC 300/PHIL 323 requirement, the GE Upper-Division C requirement will also be met with PHIL 323.

⁵ If USCP has not been met, take ES/WGQS 350, as that course will double count for the support requirement and the USCP requirement. If you did not transfer in credit for the Area D Elective, then ES 351 will double count for the support requirement and GE requirement.

⁶ CPE 469 counts as a Technical Elective for the General Curriculum, and the following concentrations: Graphics, Privacy and Security, and Data Engineering.

⁷ Any GE C2 will count for PHIL 230/231 if taken before transferring to Cal Poly

Legend:

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