

Please note: This flowchart is one example of how students can graduate in 2 years. Many times 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 5/4/2023

		YEAR 1			YEAR 2		
		Fall	Winter	Spring	Fall	Winter	Spring
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> <input type="checkbox"/> MATH 141 <input type="checkbox"/> GE Area A1 </div> <div> <input type="checkbox"/> MATH 142 <input type="checkbox"/> GE Area A2 </div> <div> <input type="checkbox"/> MATH 143 <input type="checkbox"/> GE Area A3 </div> <div> <input type="checkbox"/> MATH 241 <input type="checkbox"/> GE Area C1 Arts </div> <div> <input type="checkbox"/> MATH 244 <input type="checkbox"/> GE Area C2 Humanities </div> <div> <input type="checkbox"/> PHYS 141 <input type="checkbox"/> GE Area C Lower-Division Elective </div> <div> <input type="checkbox"/> PHYS 142 <input type="checkbox"/> GE Area D1 American Institutions </div> <div> <input type="checkbox"/> PHYS 143 <input type="checkbox"/> GE Area D Elective </div> <div> <input type="checkbox"/> CHEM 124 <input type="checkbox"/> GE Area E Lower-Division Elective </div> <div> <input type="checkbox"/> CHEM 125 <input type="checkbox"/> GE Area F Ethnic Studies </div> <div> <input type="checkbox"/> CHEM 126 </div> <div> <input type="checkbox"/> ME 211 </div> <div> <input type="checkbox"/> CE 113 </div> <div> <input type="checkbox"/> CE 204² </div> <div> <input type="checkbox"/> CE 207² </div>		Intro. to the Environmental Engineering Profession ENVE 111 (1)	Noise & Vibration Control ENVE 309 (3) (MATH 241; PHYS 142)	Mass Transfer Operations ENVE 421 (4) (ENVE 325; 331; 304 or ME 302; ENVE 264 or ME 341)	Geotechnical Engineering CE 381 (4) (CE 207 or 208; ME 341 or ENVE 264)	Groundwater Hydraulics and Hydrology CE 434³ (4) (CE 336)	Air Quality Measurements ENVE 426 (3) (ENVE 325, CHEM 212/312, ENVE 264 or ME 341, STAT 312, and ENGL 149)
		Environmental Fluid Mechanics ENVE 264 (4) (MATH 241; PHYS 142; ME 211)	Process Thermodynamics ENVE 304 (3) (CHEM 125 or 129; ENVE 331)	Water & Wastewater Treatment Design ENVE 438 (3) (ENVE 331; ME 341 or ENVE 264)	Choose any 12 units from the following: <div> Air Pollution Control ENVE 411 (4)* OR Envir Engineering of Energy ENVE 480 (4)* </div> <div> Sustainable Solid Waste Engr ENVE 439 (4)* OR Envir Health & Safety ENVE 455 (4)* </div> <div> Intro Haz Waste Mgmt ENVE 436 (4)* OR Bioremediation Engr ENVE 443 (4)* </div>		
		Air Quality Engineering ENVE 325 (4) (CHEM 125 or 128)	Water Resources Engineering CE 336 (4) (ME 341 or ENVE 264; CE 337†)	Organic Chemistry: Fundamentals & Applications CHEM 312 (5) (CHEM 125 or 128)	Civil Engr. Professional Practice CE 465 (1) (Sr standing and Instr consent)	Senior Project Design Laboratory I & II ENVE 466 (2) (ENVE 438; CE 336; Sr Standing; CE 465†)	
		Fundamentals of Environmental Engineering ENVE 331 (4) (CHEM 125 or 128; MATH 242 or 244†)	Hydraulics Laboratory CE 337 (1) (ENVE 264 or ME 341; CE 336†)	Choose one: Microbiology MCRO 221 (4)* OR General Microbiology I MCRO 224 (5)* [B2]	Industrial Pollution Prevention ENVE 450 (4) (ENVE 331)	Water Chemistry & Water Quality Measurements ENVE 434 (4) (CHEM 125 or 129, ENVE 330 or 331)	GE Upper-Division C (4)** (combine with USCP if still needed)
		Programming Applications in Engineering CE 251 (2) (CE 113; MATH 244; CE 204 or CE 208†)	Statistical Methods for Engineers STAT 312 (4)* [Upper-Div GE Area B]		Approved Technical Elective (4)¹	Approved Technical Elective (2)¹	Approved Technical Elective (4)¹
		Graduation Writing Requirement GWR** (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. GWR courses are searchable on Schedule Builder.)					
		15	15	16-17	17	16	17

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, D Elective, or E

† Course can be taken previously or concurrently.

¹ 10 units Technical Electives. See your catalog for course options. Consult advisor.

² If you have equivalent credit for CE 204 but not CE 207, take CE 207 (2). If you need both, you can take CE 208 (5). This course combines CE 204 (3) & CE 207 (2) to expedite the series.

³ CE 434 (4) can be replaced with either: CE 433 (4) or CE 435 (4) or CE 440 (4)

Legend:

Course Title
Course # (Units)
(Prerequisite)
[GE Area]

	Major
	Support
	General Ed.