

Updated 1/30/2018

	YEAR 1			YEAR 2			
	Fall	Winter	Spring	Fall	Winter	Spring	
<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 additional quarters. Check your DPR to verify credit:</p> <p>MATH 141, 142, 143, 241 & 244; PHYS 141, 132 & 133; CHEM 124, 125, & 126; ME 211; CE 204 & CE 207; ENGL 149; GE AREAS A1, A2, B2, C1, C2, C3, D1, D2, D3, & D4</p>	<p><i>Environmental Fluid Mechanics</i> ENVE 264 (4) (MATH 241, PHYS 132, and ME 211)</p>	<p><i>Noise & Vibration Control</i> ENVE 309 (3) (MATH 241 and PHYS 132, ENGL 149†)</p>	<p><i>Air Quality Engineering</i> ENVE 325 (4) (CHEM 125 or 128)</p>	<p><i>Groundwater Hydraulics and Hydrology</i> CE 434 (4) (CE 336)</p>	<p>Approved Technical Elective (4)¹ ***</p>	<p><i>Industrial Pollution Prevention</i> ENVE 450 (4) (ENVE 331)</p>	
	<p><i>Programming Applications in Engineering</i> CE 251 (2) (CE 113, CE 204 and MATH 244)</p>	<p><i>Process Thermodynamics</i> ENVE 304 (3) (CHEM 125 or 129; ENVE 331)</p>	<p><i>Water & Wastewater Treatment Design</i> ENVE 438 (3) (ENVE 331 and ME 341 or ENVE 264)</p>	<p>Choose any 12 units from the following:</p>			<p><i>Envir Health & Safety</i> ENVE 455 (4)* OR <i>Bioremediation Eng</i> ENVE 443 (4)*</p>
	<p><i>Intro. to the Environmental Engineering Profession</i> ENVE 111 (1)</p>	<p><i>Water Resources Engineering</i> CE 336 (4) (ME 341 or ENVE 264, CE 337†)</p>	<p><i>Hydraulics Laboratory</i> CE 337 (1) (ENVE 264 or ME 341, CE 336†)</p>	<p><i>Civil Engineering Professional Practice</i> CE 465 (1) (Sr standing and Instr consent)</p>	<p>Approved Technical Elective (2)¹ ***</p>	<p><i>Mass Transfer Operations</i> ENVE 421 (4) (ENVE 325, 331, 304 or ME 302, ENVE 264 or ME 341)</p>	
	<p><i>Intro to Environmental Engineering</i> ENVE 331 (4) (CHEM 125 or 128, MATH 242 or 244†)</p>	<p><i>Geotechnical Engineering</i> CE 381 (4) (CE 207; ME 341 or ENVE 264)</p>	<p><i>Statistical Methods for Engineers</i> STAT 312 (4) (MATH 142) [B6]</p>	<p><i>Senior Project Design Laboratory I & II</i> ENVE 466 (2) (ENVE 438 and Sr standing, CE 336†, Recom: CE 465)</p>	<p>Approved Technical Elective (4)¹ ***</p>	<p><i>Air Quality Measurements</i> ENVE 426 (3) (ENVE 325, CHEM 212/312, ENVE 264 or ME 341, STAT 312, and ENGL 149)</p>	
	<p>Chose one: MCRO 221 (4)* or MCRO 224 (5)* [B2]</p>	<p>GE C4 (4) combine with USCP if still needed</p>	<p><i>Survey of Organic Chemistry</i> CHEM 312 (5) (CHEM 125 or 128)</p>	<p>Water Chemistry & Water Quality Measurements ENVE 434 (4) (CHEM 125 or 129, ENVE 330 or 331)</p>			
	<p>Graduation Writing Requirement GWR* (Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)</p>						
		15-16	18	17	15	16	15

Notes:

* Refer to current catalog for prerequisites.
*** To be selected in consultation with your academic advisor.
† Course can be taken previously or concurrently.
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.
¹ 10 units Technical Electives. See catalog for course options. Consult advisor.

Legend:

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