

Updated 1/30/2018

	YEAR 1			YEAR 2			YEAR 3			
	Fall	Winter	Spring	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><b>MATH 141, 142, 143, 241 &amp; 244; PHYS 141, 132 &amp; 133; CHEM 124, 125, &amp; 126; GE AREAS A1 &amp; A2</b></p>	<p><b>Intro. to the Environmental Engineering Profession</b> <b>ENVE 111 (1)</b></p>	<p><b>Noise &amp; Vibration Control</b> <b>ENVE 309 (3)</b> <small>(MATH 241 and PHYS 132, ENGL 149†)</small></p>	<p><b>Air Quality Engineering</b> <b>ENVE 325 (4)</b> <small>(CHEM 125 or 128)</small></p>	<p><b>Environmental Fluid Mechanics</b> <b>ENVE 264 (4)</b> <small>(MATH 241, PHYS 132, and ME 211)</small></p>	<p><b>Water Chemistry &amp; Water Quality Measurements</b> <b>ENVE 434 (4)</b> <small>(CHEM 125 or 129, ENVE 330 or 331)</small></p>	<p><b>Mass Transfer Operations</b> <b>ENVE 421 (4)</b> <small>(ENVE 325, 331, 304 or ME 302, ENVE 264 or ME 341)</small></p>	<p><b>Groundwater Hydraulics and Hydrology</b> <b>CE 434 (4)</b> <small>(CE 336)</small></p>		<p><b>Industrial Pollution Prevention</b> <b>ENVE 450 (4)</b> <small>(ENVE 331)</small></p>	
	<p><b>Computer Aided Drafting in Civil Engineering</b> <b>CE 113 (2)</b></p>	<p><b>Mechanics of Materials I</b> <b>CE 204 (3)</b> <small>(ME 211)</small></p>	<p><b>Mechanics of Materials II</b> <b>CE 207 (2)</b> <small>(CE 204)</small></p>	<p><b>Programming Applications in Engineering</b> <b>CE 251 (2)</b> <small>(CE 113, CE 204 and MATH 244)</small></p>	<p><b>Process Thermodynamics</b> <b>ENVE 304 (3)</b> <small>(CHEM 125 or 129; ENVE 331)</small></p>	<p><b>Water &amp; Wastewater Treatment Design</b> <b>ENVE 438 (3)</b> <small>(ENVE 331 and ME 341 or ENVE 264)</small></p>	<p><b>Choose any 12 units from the following:</b></p> <p><b>Air Pollution Control</b> <b>ENVE 411 (4)*</b> <small>OR</small> <b>Envir Engineering of Energy</b> <b>ENVE 480 (4)*</b></p> <p><b>Sustainable Solid Waste Eng</b> <b>ENVE 439 (4)*</b> <small>OR</small> <b>Intro Haz Waste Mgmt</b> <b>ENVE 436 (4)*</b></p>		<p><b>Envir Health &amp; Safety</b> <b>ENVE 455 (4)*</b> <small>OR</small> <b>Bioremediation Eng</b> <b>ENVE 443 (4)*</b></p>	
	<p><b>Engineering Statics</b> <b>ME 211 (3)</b> <small>(MATH 241†, PHYS 131 or 141)</small></p>	<p><b>Intro. to Environmental Engineering</b> <b>ENVE 331 (4)</b> <small>(CHEM 125 or 128, MATH 242 or 244†)</small></p> <p><b>Choose one:</b> <b>MCRO 221 (4)* or MCRO 224 (5)*</b> <small>[B2]</small></p>		<p><b>Statistical Methods for Engineers</b> <b>STAT 312 (4)</b> <small>(MATH 142)</small> <small>[B6]</small></p>	<p><b>Water Resources Engineering</b> <b>CE 336 (4)</b> <small>(ME 341 or ENVE 264, CE 337†)</small></p>	<p><b>Hydraulics Laboratory</b> <b>CE 337 (1)</b> <small>(ENVE 264 or ME 341, CE 336†)</small></p>		<p><b>Senior Project Design Laboratory I &amp; II</b> <b>ENVE 466 (2)</b> <small>(ENVE 438 and Sr standing, CE 336†, Recom: CE 465)</small></p>	<p><b>ENVE 467 (2)</b> <small>(ENVE 466)</small></p>	<p><b>Approved Technical Elective</b> <b>(4)<sup>1</sup></b> <small>***</small></p>
	<p><b>Technical Writing for Engineers</b> <b>ENGL 149 (4)</b> <small>(Completion of A1 with C- or better, Recom: GE A2)</small> <small>[A3]</small></p>	<p><b>Survey of Organic Chemistry</b> <b>CHEM 312 (5)</b> <small>(CHEM 125 or 128)</small></p>				<p><b>Geotechnical Engineering</b> <b>CE 381 (4)</b> <small>(CE 207; ME 341 or ENVE 264)</small></p>	<p><b>Air Quality Measurements</b> <b>ENVE 426 (3)</b> <small>(ENVE 325, CHEM 212/312, ENVE 264 or ME 341, STAT 312, and ENGL 149)</small></p>	<p><b>Civil Engineering Professional Practice</b> <b>CE 465 (1)</b> <small>(Sr standing and Instr consent)</small></p>	<p><b>Approved Technical Elective</b> <b>(4)<sup>1</sup></b> <small>***</small></p>	
	<p><b>GE (4)</b> <small>**</small></p>		<p><b>GE (4)</b> <small>**</small></p>	<p><b>GE (4)</b> <small>**</small></p>	<p><b>GE (4)</b> <small>**</small></p>	<p><b>GE (4)</b> <small>**</small></p>	<p><b>GE (4)</b> <small>**</small></p>	<p><b>Approved Technical Elective</b> <b>(2)<sup>1</sup></b> <small>***</small></p>	<p><b>GE (4)</b> <small>**</small></p>	<p><b>GE (4)</b> <small>**</small></p>
		<p><b>Graduation Writing Requirement GWR*</b> <small>(Students can attempt to fulfill the requirement after 90 earned units; students should complete the requirement before senior year)</small></p>					<p><b>GE (4)</b> <small>**</small></p>			
	14	15	14-15	14	16	18	17	14	16	

**Notes:**

**MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET**

\* Refer to current catalog for prerequisites.

\*\* One course from each of the following GE areas must be completed: A1, A2, C1, C2, C3, C4, D1, D2, D3, D4. C4 should be taken only after Junior standing is reached (90 units).

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.

\*\*\* To be selected in consultation with your academic advisor.

† Course can be taken previously or concurrently.

<sup>1</sup> 10 units Technical Electives. See catalog for course options. Consult advisor.

**Legend:**

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