B.S. in CIVIL ENGINEERING

Suggested 2-Year Academic Flowchart for Transfer Students Admitted Fall 2022



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.

This Town of a Charlest Flourish at a com-		YEAR 1			YEAR 2		
This Transfer Student Flowchart assum equivalents for the courses below have I	Fall	Winter	Spring	Fall	Winter	Spring	
transferred to Cal Poly. Anything not transf needs to be added to this flowchart, which result in an additonal quarter/s. Check you	erred in Introduction to Civil Engineering	Structural Engineering	Reinforced Concrete Design	Civil Engineering Professional Practice	Senior Design Project I and II		
verify credit.	CE 111 (1)	(CE 207 or CE 208; CE	(CE 259 & 352)	CE 465 (1) (Sr. Standing and Instr.	CE 466 (3) (CE 321, 322, 336, 337, 355, 381, 382,	CE 467 (3)	
		251†)		Consent)	465, CE/CM 371)	(CE 400)	
□ MATH 142 □ GE AREA A2	if have Mechanics of						
□ MATH 143 □ GE AREA C1	Materials I credit take Mechanics of	Design Principles in Civil	Water Resources Engineering and Hydraulics Lab	Approved Technical Elective	Approved Technical Elective	Approved Technical Elective	
□ MATH 241 □ GE AREA C2	Materials II CE 207 (2)	Engineering	CE 336 (4) & CE	recillied Licetive	recillical Elective	recimical Elective	
□ MATH 244 □ GE AREA LOWER-DI		CE 112 (2)	337 (1)	(4) ²	(4) ²	(4) ²	
□ PHYS 141 □ GE AREA D1	OR if no Mechanics of Material credit take		(ME 341 or ENVE 264) (Concur: CE 336)				
□ PHYS 132 □ GE AREA D2	Mechanics of Materials I & II	Fund. of	Geotechnical Engineering and				
□ PHYS 133 □ GE AREA D ELECTIV		Transportation Engineering & Lab	Lab CE 381 (4) & CE	Approved Technical Elective	Approved Technical Elective	Approved Technical Elective	
□ CHEM 124 □ GE AREA E		CE 321 (3) & CE 322 (1)	382 (1)	(4) ²	(4) ²	(4) ²	
□ CHEM 125	Civil Engineering Materials	(PHYS 141; CE 259 or CM 113; CE 222; or	(CE 207 or CE 208; ME 341 or ENVE 264. Concur:				
□ MATE 210	CE 259 (2)	grad standing)	CE 382)				
□ MATE 215	(CE 204 or 208†; CE 113†)	(CE 204 or 208†; CE			TAKE 1 COURSE BELOW EACH QUARTER		
□ BRAE 239		Fluid Mechanics I	Project Planning	Fundamentals of Environmental Engineering ENVE 331 (4)			
□ GEOL 201	Programming Applications in	ME 341 (3)	CE/CM 371 (4)	(CHEM 125 or 128, MATH 242 or 244†)			
□ CE 113	Engineering	(MATH 242 or 244; ME 212)	(ARCE 106, CE 259, or CM 113)	Statistical Methods for Engineers STAT 312 (4) ¹			
□ CE 204	CE 251 (2)			(MATH 142) [Upper-Div GE Area B]			
□ ME 211	(CE 113; CE 204 or 208†; MATH 244)			Upper-Division C (4) ** (combine with USCP requirement if still needed)			
□ ME 212	Intro Experiments						
□ ENGL 149 (A3)	in Transportation Eng.						
□ BIO/BMED 213 (B2)	CE 222 (1)						
□ APPROVED ENG. SCI. ELECTIVE ³	(-)						
	any remaining	Graduation Writing Requirement GWR*					
	support or GE not transferred	(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.)					
	8+	14	18	13	15	15	
	0+	19	10	10	10	10	

Notes:

**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.

Legend:



[†] Course can be taken previously or concurrently.□

¹ Required in Support; also satisfies GE

 $^{^{2}}$ 24 units Technical Electives. Refer to your catalog for course options and additional guidelines.

³2-4 units Approved Engineering Science Elective. See catalog. No double-counting of coursework with other requirements. Consultation with advisor recommended.