B.S. in CIVIL ENGINEERING

Suggested 2-Year Academic Flowchart for Transfer Students



Updated 5/4/2023

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.

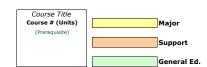
Updated 5/4/2023	YEAR 1			YEAR 2		
This Transfer Student Flowchart assumes equivalents for the courses below have been	Fall	Winter	Spring	Fall	Winter	Spring
transferred to Cal Poly. Anything not transferred in needs to be added to this flowchart, which may result in an additonal quarter/s. Check your DPR to verify credit.	Introduction to Civil Engineering CE 111 (1)	Design Principles in Civil Engineering CE 112 (2)	Reinforced Concrete Design CE 355 (4)	Civil Engineering Professional Practice CE 465 (1)	Senior Design CE 466 (3)	Project I and II CE 467 (3)
□ MATH 141 □ GE AREA A1			(CE 259 & 352)	(Sr. Standing and Instr. Consent)	(CE 321, 322, 336, 337, 355, 371, 381, 382, 465)	(CE 466)
□ MATH 142 □ GE AREA A2	Mechanics of					
□ MATH 143 □ GE AREA C1	Materials II	Structural Engineering	Water Resources Engineering and	Approved	Approved	Approved
□ MATH 241 □ GE AREA C2	CE 207 ⁴ (2) (CE 204)	CE 352 (4)	Hydraulics Lab CE 336 (4) & CE	Technical Elective	Technical Elective	Technical Elective
□ MATH 244 □ GE AREA LOWER-DIVISION C	OR	(CE 207 or CE 208; CE 251†)	337 (1) (ME 341 or ENVE 264)	(4) ²	(4) ²	(4) ²
□ CHEM 124 □ GE AREA D1	Mechanics of Materials I & II	2311)				
□ CHEM 125 □ GE AREA D2	CE 208 ⁴ (5)	Fund. of Transportation	Geotechnical Engineering and	Approved	Approved	Approved
MATE 210	(ME 211)	Engineering & Lab CE 321 (3) & CE	CE 381 (4) & CE	Technical Elective	Technical Elective	Technical Elective
© CE 113	Civil Engineering	322 (1) (PHYS 141; CE 259 or	382 (1)	(4) ²	(4) ²	(4) ²
□ CE 204	Materials	CM 113; CE 222; or grad standing)	(CE 207 or CE 208; ME 341 or ENVE 264)			
□ GEOL 201	CE 259 (2) (CE 204 or 208†; CE 113†)		Construction	TAKE 1 COURSE BELOW EACH QUARTER		
□ BRAE 239	1131)	Fluid Mechanics I	Management & Project Planning	Fundamentals of Environmental Engineering ENVE 331 (4)		
□ ME 211	Programming Applications in	ME 341 (3)	CE/CM 371 (4)	(CHEM 125 or 128, MATH 242 or 244†)		
□ ME 212	Engineering	(MATH 242 or 244; ME 212)	(ARCE 106, CE 259, or CM 113)	Statistical Methods for Engineers STAT 312 (4)*		
□ PHYS 141	CE 251 (2)			(MATH 142) [Upper-Div GE Area B]		
PHYS 142 (formerly PHYS 132)	(CE 113; CE 204 or 208†; MATH 244)					
□ PHYS 141 (formerly PHYS 133) □ GE Area A3 (formerly ENGL 149^)	Intro Experiments in Transportation					
□ BIO/BMED 213 (GE AREA B2)	Eng.					
□ APPROVED ENG. SCI. ELECTIVE ³	CE 222 (1)					
	any remaining					
	support or GE not transferred	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.)				
	8+	14	18	13	15	15

Notes:*Refer to online 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, D2, D Elective, or E.

Legend:



 $^{^{\}dagger}\,$ 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.

³ 2-4 units Approved Engineering Science Elective. See catalog. No double-counting of coursework with other requirements. Consultation with advisor recommended.

⁴ If you have equivalent credit for CE 204 but not CE 207, take CE 207. If you need both, you can take CE 208 (5). This course combines CE 204 (3) & CE 207 (2) to expedite the series.

[^]ENGL 149 has been discontinued. For those who still need to take this requirement, you will need to replace this requirement with any GE A3 course.