CAL POLY
SAN LUIS OBISPO

B.S. in CIVIL ENGINEERING
Suggested 2-Year Academic Flowchart for Transfer Students

2020-21 Catalog
Unofficial

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

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 additonal quarter/s. Check your DPR to verify credit.

- ☐ **MATH 141**
- ☐ **MATH 142**
- ☐ **MATH 143**
- ☐ **MATH 241**
- ☐ **MATH 244**
- ☐ **CHEM 124**
- ☐ **CHEM 125**
- ☐ **MATE 210**
- ☐ **MATE 215**
- ☐ **CE 113**
- ☐ **CE 204**
- ☐ **GEOL 201**
- ☐ **BRAE 239**
- ☐ **ME 211**
- ☐ **ME 212**
- ☐ **PHYS 141**
- ☐ **PHYS 142 (formerly PHYS 132)**
- ☐ **PHYS 141 (formerly PHYS 133)**
- ☐ **GE Area A3 (formerly ENGL 149^)**
- ☐ **BIO/BMED 213 (GE AREA B2)**
- ☐ **APPROVED ENG. SCI. ELECTIVE[3]**
- ☐ **GE AREA A1**
- ☐ **GE AREA A2**
- ☐ **GE AREA C1**
- ☐ **GE AREA C2**
- ☐ **GE AREA LOWER-DIVISION C**
- ☐ **GE AREA D1**
- ☐ **GE AREA D2**
- ☐ **GE AREA D ELECTIVE**
- ☐ **GE AREA E**

	YEAR 1			YEAR 2		
	Fall	Winter	Spring	Fall	Winter	Spring
	Introduction to Civil Engineering **CE 111 (1)**	*Design Principles in Civil Engineering* **CE 112 (2)**	*Reinforced Concrete Design* **CE 355 (4)** (CE 259 & 352)	*Civil Engineering Professional Practice* **CE 465 (1)** (Sr. Standing and Instr. Consent)	*Senior Design Project I and II* **CE 466 (3)** (CE 321, 322, 336, 337, 355, 371, 381, 382, 465)	**CE 467 (3)** (CE 466)
	Mechanics of Materials II **CE 207[4] (2)** (CE 204) **OR** *Mechanics of Materials I & II* **CE 208[4] (5)** (ME 211)	*Structural Engineering* **CE 352 (4)** (CE 207 or CE 208; CE 251†)	*Water Resources Engineering and Hydraulics Lab* **CE 336 (4) & CE 337 (1)** (ME 341 or ENVE 264)	Approved Technical Elective **(4)[2]**	Approved Technical Elective **(4)[2]**	Approved Technical Elective **(4)[2]**
	Civil Engineering Materials **CE 259 (2)** (CE 204 or 208†; CE 113†)	*Fund. of Transportation Engineering & Lab* **CE 321 (3) & CE 322 (1)** (PHYS 141; CE 259 or CM 113; CE 222; or grad standing)	*Geotechnical Engineering and Lab* **CE 381 (4) & CE 382 (1)** (CE 207 or CE 208; ME 341 or ENVE 264)	Approved Technical Elective **(4)[2]**	Approved Technical Elective **(4)[2]**	Approved Technical Elective **(4)[2]**
	Programming Applications in Engineering **CE 251 (2)** (CE 113; CE 204 or 208†; MATH 244)	*Fluid Mechanics I* **ME 341 (3)** (MATH 242 or 244; ME 212)	*Construction Management & Project Planning* **CE/CM 371 (4)** (ARCE 106, CE 259, or CM 113)	***TAKE 1 COURSE BELOW EACH QUARTER*** *Fundamentals of Environmental Engineering* **ENVE 331 (4)** (CHEM 125 or 128, MATH 242 or 244†)		
	Intro Experiments in Transportation Eng. **CE 222 (1)**			*Statistical Methods for Engineers* **STAT 312 (4)*** (MATH 142) [Upper-Div GE Area B]		
	any remaining support or GE not transferred			**Upper-Division C (4) **** (combine with USCP requirement if still needed)		
		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.
† 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.

Legend:

Course Title
Course # (Units)
(Prerequisite)

Major
Support
General Ed.