Student Name:

CAL POLY

SAN LUIS OBISPO

Updated 5/16/2022

Updated:

Updated By:

You must use your Degree Progress Report

to track all your graduation requirements.

This document displays only your course requirements 2022-2026 Catalog at the time of publication of the catalog.

B.S. in ENVIRONMENTAL ENGINEERING

Suggested 4-Year Academic Flowchart

FRESHMAN SOPHOMORE JUNIOR SENIOR Winter Winter Spring Computer Aided Drafting in Civil Intro. to the Civil Engineering Air Quality Noise & Vibration Environmental Mass Transfer Senior Project Design Laboratory I & II Environmental Engineering & Water Quality Professional Engineering Control Fluid Mechanics Operations CE 113 (2) Engineering Measurements Practice ENVE 467 (2) Profession ENVE 325 (4) ENVE 309 (3) **ENVE 264 (4)** ENVE 434 (4) ENVE 421 (4) CE 465 (1) ENVE 466 (2) **ENVE 111 (1)** ENVE 325; 331; 304 of ME 302; ENVE 264 or (MATH 241; PHYS 142; ME 211) (CHEM 125 or 129; Sr Standing and Insti ENVE 438; CE 336; Sr (CHEM 125 or 128) MATH 241; PHYS 142) (ENVE 466) ENVE 330 or 331) Consent) Standing; CE 465†) ME 341) Programming Water & Choose 12 units from the following: General Physics Mechanics of Mechanics of Process Thermo-General Physics II General Physics I Applications in Wastewater Sustainable Solid Intro Haz Waste Materials I Air Pollution Control Materials II dynamics Engineering reatment Design Waste Eng CE 207 (2)1 PHYS 141 (4) PHYS 142 (4) PHYS 143 (4) CE 204 (3)1 CE 251 (2) ENVE 304 (3) ENVE 438 (3) ENVE 411 (4)* ENVE 439 (4)* ENVE 436 (4)* (MATH 141 w/min C-MATH 142† or 182† Envir Engineering of (PHYS 141; MATH 142 PHYS 141; MATH 142. CE 113; MATH 244 (CHEM 125 or 129; ENVE 331) ENVE 331 and ME 34 Envir Health & Safety Bioremediation Eng (ME 211) (CE 204) Energy [Area B Elective] ENVE 480 (4)* ENVE 455 (4)* ENVE 443 (4)* Statistical Groundwater Industrial Pollution Calculus I Calculus II Calculus III Calculus IV ENVE 331 (4) Methods for CE 336 (4) Hydraulics and Prevention Engineers Hydrology MATH 142 (4) MATH 141 (4) MATH 143 (4) MATH 241 (4) STAT 312 (4) ENVE 450 (4) CE 434 (4) (MATH 141 w/min C or Instr. Consent) MATH 142 w/min Hydraulics Laboratory MCRO 221 (4)* or MCRO 224 (5) Instr. Consent) (MATH 143) CE 337 (1) (ENVE 331) (CE 336) [B4] [B4] [Area B Elective] [Upper-Div B] (ENVE 264 or ME 341; CE 336†) General General General Approved Engineering Approved **Approved** Chemistry for Chemistry for Chemistry for Survey of Organic CE 381 (4) **Technical** Statics Linear Analysis **Technical Elective** Technical Electiv Physical Science Physical Science & CE 207 or 208: ME 341 or ENVE 264 Elective Physical Science Chemistry ME 211 (3) & Engineering & Engineering II Engineering III $(2)^{2}$ $(4)^{2}$ $(4)^{2}$ MATH 244 (4) CHEM 312 (5) CHEM 124 (4) CHEM 125 (4) CHEM 126 (4) Air Quality MATH 241†: PHYS 13 (CHEM 124, or AP HEM 125 w/min C Measurements (MATH 143) (CHEM 125 or 128) [B1 & B3] Instr. Consent) ENVE 426 (3) (ENVE 325; CHEM 341: STAT 312) COMS 101/102 (4)** [A1] Expository Writing GE (4) **GE (4)** GE (4) GE (4) GE (4) **GE (4)** GE (4) GE (4) ENGL 133/134 (4)** [A2] **Graduation Writing Requirement** Reasoning, Argumentation, & Writing [A3 Students can attempt to fulfill the requirement after 90 earned units; studen COMS 126, 145, ENGL 145, 147, ES 145, PHIL 126, or WGQS 145 (4)** should complete the requirement before senior year) Can be taken anytime between Winter of Freshman and Winter of Sophomore Years 13 18 16 15 18 15-16 14 16 18 15 18 14 TOTAL: 190-191 Notes: Legend: MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET Course Title Course # (Units)

- * Refer to current catalog for prerequisites.
- ** One course from each of the following GE areas must be completed: A1, A2, A3, C1, C2, Lower-Division C Elective, Upper-Division C, D1, Area D Elective, Lower-Division E, and F. Upper-Division C 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: C1, Upper-Division C, D1, D2, Upper-Division D, or E.

- *** To be selected in consultation with your academic advisor.
- † Course can be taken previously or concurrently.
- ¹ Transfer students take CE 208 (5) in the Fall Quarter in place of both CE 204 (3) and CE 207 (2).
- ² 10 units Technical Electives. See catalog for course options. Consult advisor.

