Environmental Engineering, B.S.

Southern Polytechnic College of Engineering and Engineering Technology

Year 1 - Fall (15 credits)	Credits	Year 1 - Spring (15 credits)	Credits
ENGL 1101: English Composition I [A1]	3	ENGL 1102: English Composition II [A1]	3
MATH 1190: Calculus I [A2]	4	MATH 2202: Calculus II [D1]	4
General Education – Cultural Perspectives [B2]	3	PHYS 2211 + Lab: Physics I [D2]	4
CE 1000: Orientation to Engineering & Survey	1	CHEM 1212 + Lab: General Chemistry II [F]	4
CHEM 1211 + Lab: General Chemistry I [F]	4		
Total	15	Total	15
Year 2 - Fall (16 credits)	**Credits**	**Year 2 - Spring (15 credits)**	**Credits**
General Education – Literature of the World [C1]	3	General Education – World History [E3]	3
BIOL 1107 + L: Biology Principles I [D2]	4	ECON 1000: Contemporary Economic Issues [B1]	2
MATH 2306: Ordinary Differential Equations	3	CE 2003: Engineering Problem Solving	3
EDG 2160: Civil Graphics & Computer Aided Drafting	3	ENGR 3131: Strength of Materials	3
ENGR 2214: Engineering Mechanics- Statics [F] †	3	ENGR 3343: Fluid Mechanics Δ	3
Total	16	ENGR 3345: Fluid Mechanics Lab	1
		Total	15
◊ Apply for engineering standing at end of term			
Year 3 - Fall (18 credits)	**Credits**	**Year 3 - Spring (16 credits)**	**Credits**
POLS 1101: American Government [E1]	3	General Education – US History [E2]	3
CE 3702: Intro to Environmental Engineering Δ	3	CE 3501: Materials for Civil & Construction Engr Δ	3
CE 3704: Intro to Environmental Engineering Lab	1	CE 3502: Materials for Civil & Construction Lab	1
CE 3701: Geotechnical Engineering	3	CE 4353: Air Pollution Control Δ	3
CE 3708: Geotechnical Engineering Lab	1	CE 4703: Engineering Hydrology Δ	3
ENGR 3305: Data Collection & Analysis Δ	3	CE 4708: Hazardous Waste Engineering Δ	3
Total	18	Total	16
Year 4 - Fall (18 credits)	**Credits**	**Year 4 - Spring (16 credits)**	**Credits**
General Education – Social Sciences [E4]	3	General Education – Arts and Cultures of the World [C2]	3
ENVS 2202: Introduction to Environmental Science	3	CE 4371: Environmental Engineering Lab	1
CE 3703: Environmental Engineering Design Δ	3	CE 4373: Environmental Engineering Microbiology Δ	3
CE 4343: Solid Waste Engineering Δ	3	CE 4800: Senior Project Δ	3
ENGR 3324: Project Cost Analysis Δ	3	Upper-Division Elective (2 of 3)	3
Upper-Division Elective (1 of 3)	3	Upper-Division Elective (3 of 3)	3
Total	18	Total	16

Program Total: 129 Credit Hours

***Recommended General Education Course †Milestone ΔRequired Elective**

This academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Missing milestones could delay your program. Also see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. This map is not a substitute for academic advisement. Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.