

CIVIL ENGINEERING: ENVIRONMENTAL ENGINEERING

FOUR-YEAR PLAN

FOUR-YEAR PLAN SAMPLE FOUR-YEAR PLAN

First Year

Fall	Credits Spring	Credits
MATH 221	5 MATH 222	4
CHEM 109 ¹	5 CIV ENGR 159 (was M E 170 before Fall 2023)	2
INTEREGR 170	3 E M A 201	3
COMMUNICATIONS A	3 GEOSCI 100 or 106	3
	ENVIRONMENTAL STUDIES ELECTIVE ²	3
	16	15

Second Year

Fall	Credits Spring	Credits
MATH 234	4 MATH 319 or 320	3
STAT 324	3 E M A 303 ³	3
E M A 202 ³	3 E M A/M E 307 ³	1
CIV ENGR 320	3 CIV ENGR 310	3
ZOOLOGY 153, 260, or MICROBIO 101	3 E P D 275	2
	ECON 101, 102, or 111 ²	4
	16	16

Third Year

Fall	Credits Spring	Credits
CIV ENGR 311	3 CIV ENGR DESIGN	3
CIV ENGR/G L E 330	3 CIV ENGR/E M A 395	3
CIV ENGR/G L E 291	4 CIV ENGR 340	3
INTEREGR 397	3 CIV ENGR 322 or 410 ⁵	3
ETHNIC STUDIES ²	3 PHYSICS 202	5
	16	17

Fourth Year

Fall	Credits Spring	Credits
CIV ENGR 498	3 CIV ENGR 578 ⁴	4
CIV ENGR 494	3 ENGR OUTSIDE CIV ENGR ELECTIVE	3
CIV ENGR 370	3 ENGR ELECTIVE	3
CIV ENGR DESIGN	3 ENGR ELECTIVE	3
ENGR ELECTIVE	1 LIBERAL STUDIES ²	3
LIBERAL STUDIES ²	3	
	16	16

Total Credits 128

¹ Taking CHEM 103 General Chemistry I/CHEM 104 General Chemistry II instead of CHEM 109 Advanced General Chemistry adds 4 additional credits to degree requirements.

² Liberal studies coursework should add up to 16 credits, including economics elective, environmental studies elective, and ethnic studies.

³ After completing E M A 201 Statics, students may take E M A 202 Dynamics and then E M A 303 Mechanics of Materials/E M A/M E 307 Mechanics of Materials Lab, or take E M A 303/E M A/M E 307 and then E M A 202.

⁴ At least one Civil Engineering Design course must be taken before CIV ENGR 578 Senior Capstone Design.

⁵ CIV ENGR 322 Environmental Engineering Processes is offered every Fall semester; CIV ENGR 410 Hydraulic Engineering is offered every Spring semester.