CIVIL ENGINEERING: ENVIRONMENTAL ENGINEERING

FOUR-YEAR PLAN

SAMPLE FOUR-YEAR PLAN

First Year

Fall	Credits	Spring	Credits
MATH 221	5	MATH 222	4
CHEM 109[1]	5	M E 170	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 or 311	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	APPLIED ENGR ELECTIVE	3
CIV ENGR DESIGN	3	APPLIED ENGR ELECTIVE	3
APPLIED 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.