FALL	Freshman		SPRING	Freshman	
MATH 121	Calculus with Analytical Geom. I	3	MATH 122	Calculus with Analytical Geom.	3
				II	
CORE 113	First Year Seminar	3	PHYS 121/L	General Physics I	4
CHEM 121/L	General Chemistry I	4	CHEM 122/L	General Chemistry II	4
ENGR 101	Intro. to Engineering I	1	GEOL 205	Physical Geology	3
WRIT 102	Research Writing	3	ENGR 102	Intro. to Engineering II	1
FTAE 105	Franciscan Goals for Today	3	HIST xxx	History 100/200 level	3
CORE 103	Community Enrichment	0	CORE 104	Community Enrichment	0
ENVE 192	Freshman Environmental	0	ENVE 193	Freshman Environmental	0
	Engineering Seminar			Engineering Seminar	
	Total	17		Total	18
FALL	Sophomore		SPRING	Sophomore	
MATH 221	Calculus III	3	MATH 306	Diff. Eqns. I	3
ENGR 201	Engineering Statics	3	ENVE 330	AutoCAD Civil 3D (Civil Minor)	3
ENGR 210/L	Programming for Engineers	2	LIT 104	LIT 104, 201,202,207, or 270	3
PHYS 122/L	General Physics II	4	PHIL 205	Philosophy 205	3
ENVE 321/L	Field Measurements (Meas I)	3	ECON 101	ECON 101 (EPPS 1)	3
ENVE 201	ENVE Statistics Lab	1	EPPS 2	PLSC102/103, PSYC101 or	3
				SOC 1xx/2xx	
ENVE 292	Sophomore Environmental	0	ENVE 293	Sophomore Environmental	0
	Engineering Seminar			Engineering Seminar	
	Total	16		Total	18
FALL	Junior		SPRING	Junior	
ENGR 301/L	Fluid Mechanics	4	LANG	Language 102+	3
ENGR 321	Applied Engr Thermodynamics	3	FTAE/PHIL	Additional theology / philosophy class	3
ENVE 311	Aquatic and Atm. Chem	3	ENVE 312	Transport processes	3
ENGR350	Mat. Sci.	3	ENGR315/L	Mech of Materials	3
<u>ENGRISSO</u>	(Coll. set 1, Civil Minor)	3	ENGK513/L	(Coll. set 2, Civil Minor)	
EXAM 301	Writing Comp Exam	0	ENVE 322/L	Lab Measurements (Meas II)	3
CHEM 221/L	Organic Chemistry I	4	EPPS 3	PLSC102/103, PSYC101 or SOC 1xx/2xx	3
ENVE 392	Junior Environmental Engineering Seminar	0	ENVE 393	Junior Environmental Engineering Seminar	0
	Total	17		Total	18
FALL	Senior		SPRING	Senior	
ENVE 413	Hydraulics and Hydrology	3	ENVE 4xx	Water/Wastewater elective	3
ENVE 411	Wastewater Treatment	3	ENVE 4xx	Pollution control elective	3
BIOL set	Biol set	3-4	CORE 407	Keystone Seminar	3
ENVE 497	Capstone Design Proposal	1	ENVE 498	Capstone Design	3
ENVE 415	Senior Lab	3	Diversity	Diversity requirement, see General Education	3
FNAR	Fine Arts	3	ENVE 426	Geotechnical Engineering (Civil Minor)	3
ENGR 492	Senior Environmental Engineering Seminar	1	ENVE 493	Senior Environmental Engineering Seminar	0
	Total	17-18		Total	18
			Total =	139-140	

Note: Sequence of courses may be altered with advisor's approval.

Pollution Control. ENVE 414 (Hazardous and Solid Waste Handling), ENVE 416 (Air Quality Control), ENVE 417 (Contaminant Hydrogeology) Water & Wastewater. ENVE 418 (Stormwater Treatment), ENVE 419 (Biological Processing), ENVE 420 (Acid Mine Drainage Prevention & Treatment), ENVE 425 (Drinking Water Treatment & Distribution)

BIOL set. Take at least three credits from BIOL 203 – Ecology (4), BIOL 302 – General Microbiology (4), BIOL 322 – Field Biology (3), ENVE 350 –

Environmental Biotechnology (4)

Collateral set. Take at least six credits from the following: a second class from the BIOL set, CHEM 251 - Quantitative Analysis (3), ENGR 202 -Engineering Dynamics (3), ENGR 350 – Material Science (3), ENGR 315/L – Mechanics of Materials (3), ENVE 243 - Energy Storage (3)