

North Carolina State University
ENVIRONMENTAL ENGINEERING CURRICULUM – DEPT. OF CIVIL ENGINEERING

Degree Earned: B.S. in Environmental Engineering

For Students entering after July 2009 (Sum2'09)

FRESHMAN YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
CH 101	3	CH 201	3
CH 102	1	EC 205	3
E 101	1	MA 241	4
E 115	1	PY 205	4
ENG 101	4	PE XXX	<u>1</u>
MA 141	4		15
PE 10X	<u>1</u>		
	15		

SOPHOMORE YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
CE 214	3	BIO 183	4
CE 373	3	PY 208	4
CHE 205	4	MEA 323	3
MA 242	4	CSC 112	3
GEP Requirement ¹	<u>3</u>	MA 341	<u>3</u>
	17		17

JUNIOR YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
CE 374	4	CE 381	1
CE 390	1	CE 383	3
CE 339	3	CE 342	4
CE 382	3	GIS 410	3
CE 313	3	GC 120	3
ST 370	<u>3</u>	MAE 301	3
	17	PS 320	3
		PS 336	<u>3</u>
			17

SENIOR YEAR

<u>Fall Semester</u>	<u>Credits</u>	<u>Spring Semester</u>	<u>Credits</u>
CE 488	3	CE 477	3
CE 476	3	CE 481	3
CE 479	3	GEP Requirement ¹	3
CE 484	3	GEP Requirement ¹	3
Env. Eng. Elective ²	3	GEP Requirement ¹	<u>3</u>
GEP Requirement ¹	<u>3</u>		15
	15		

Minimum Hours Required for Graduation³ = 128

¹GEP REQUIREMENTS to be selected from the appropriate list approved by the College of Engineering.

²Environmental Engineering Electives: CE 479 (S), CE 476 (F), CE 487 (S), CE 435 (F), CE497(F).

³Foreign Language proficiency at the FL_ 102 level will be required for graduation.

ENVIRONMENTAL ENGINEERING CURRICULUM

COURSE LISTING WITH PRE- AND COREQUISITES IN PARENTHESES

For Students entering after July 2009 (Sum2'09)

Fall Semester

Spring Semester

FRESHMAN YEAR

CH 101		CH 201	(CH 101)
CH 102	(CoReq. CH 101)	EC 205	(GEP Soc Sci Req.*)
E 101		MA 241	(C or better in MA 141)
E 115		PY 205	(C or better in MA 141)
ENG 101		PE XXX	Phys. Ed/Healthy Living Elective*
MA 141			
PE 10X*			

Matriculation Requirements (MR): 1. C- or better in: CH 101, CH 102, E 101, ENG 101, MA 141, MA 241, & PY 205. 2. Completion of E 115.

SOPHOMORE YEAR

CE 214	(GPA 2.5, C- or better in PY 205, CoReq. MA242)	BIO 183	(BIO 181 or CH 101 & sophomore standing)
CE 373	(CoReq. CHE 205 or CE 382)	PY 208	(C- or better in PY 205 and in MA 241)
CHE 205	(C- or better in MA 241, PY 205, CH 201 or CH 221)	MEA 323	(CH 201, CoReq. BIO 183)
MA 242	(C- or better in MA 241)	CSC 112	(CoReq. E 115 and MA 141)
GEP Requirement*		MA 341	(MA 242)

JUNIOR YEAR

CE 374	(C- or better in CE 373, MEA 323)	CE 383	(C- or better in CE 382)
CE 390	(CSC 112, CoReq. MA 341 or MA 305)	CE 381	(CoReq. 382)
CE 339	(CSC 112, CoReq. MA 341 or MA 305)	CE 342	(C- or better in CE 313, CoReq. 382)
CE 382	(CE 214, CoReq. MA 341 MA 305 or ST 370)	GIS 410	(Intro. To Geo. Information Systems)
CE 313	(Minimum GPA => 2.5, MA 242, C- or better in CE 214)	MAE 301	(MA 242, PY 208 or PY 202)
ST 370	(MA 141)	PS 320	GEP Soci Sci Req* or
		PS 336	GEP Soci Sci Req*

SENIOR YEAR

CE 488	(CE 339 or equiv., CoReq. CE 383)	CE 477	(CE 373, CE 390, CE 382, CoReq CE 342)
CE 476	(MAE 301, CE 373, CE 390 and ST 370) or	CE 481	(CE 374, CE 390, CE 383, CE 484,
CE 479	(CE 373 and CE 382, CoReq. ST 370)		CoReqs. Two of CE 476, 477, 479, 488)
CE 484	(CE 373 and CE 382)		GEP Requirement*
Environmental Engineering Elective			GEP Requirement*
GEP Requirement*			GEP Requirement*

Refer to the lists of elective courses for prerequisite and corequisite requirements.

*GEP REQUIREMENTS to be selected from the appropriate list approved by the College of Engineering.