

**Civil Engineering Flow Chart (Environmental Engineering Concentration) 13-14**

Name: \_\_\_\_\_

Student ID No.: \_\_\_\_\_

Term	Semester Course					Hours	Hours	Offered	Number	Title	Pre-Requisites
	1	2	3	4	5						
Term 1	CHM 114	FSE 100	ENG 101	MAT 265	HU/SB	16					CEE Student CEE 100, MAT 266 (or 271), PHY 121/122 CEE 210/211, MAT 275 CEE 210/211, MAT 275 CEE 213 CEE 213 CEE 300 Engin Business Practice CEE 212, CEE 213 CEE 212, CEE 213, pre/co req CEE 384 CEE 213 CEE 213 CEE 213 CEE 213, CHM 114 or CHM 116 (D), Pre/Co Req IEE 38C CEE 213, Pre/Co Req IEE 380 (D) MAT 242, 267 , 275 CEE 300 CEE 341 or MAE 340 CEE 341 CEE 361 CEE 341and 361 CEE 361 or MIC 220 Last Semester and Dept Consent
	Gen Chem	Intr to CE	Fr. Comp.	Calc. I	Elective						
	4	2	3	3	3						
	ASU 101				ASU Exp						
Term 2	MAT 242	ENG 102	MAT 266	PHY121/12	HU/SB	15					CEE 212, CEE 213 CEE 212, CEE 213, pre/co req CEE 384 CEE 213 CEE 213 CEE 213 CEE 213, CHM 114 or CHM 116 (D), Pre/Co Req IEE 38C CEE 213, Pre/Co Req IEE 380 (D) MAT 242, 267 , 275 CEE 300 CEE 341 or MAE 340 CEE 341 CEE 361 CEE 341and 361 CEE 361 or MIC 220 Last Semester and Dept Consent
	Lin Alg	Fr. Comp	Calc. II	Physics I	Elective						
	2	3	3	3+1	3						
Term 3	CEE 210	MAT 267	PHY131/32	MAT 275	ECN	16					CEE 212 MAT 266, Mat 271 MAT 265 or MAT 270 Grade of "C" or better in MAT 170 or equiv MAT 265 MAT 266 MAT 267 MAT 265 Pre or co-req PHY 121 PHY 121; MAT 251; co-req MAT 252 pre-or co-req PHY 131
	Statics	Calculus II	Physic II	Mod Diff O	201/211/212						
	3	3	3+1	3	3						
Term 4	Basic Sci	CEE 213	CEE 212	MAE 240	IEE 380	16					CEE 212 MAT 266, Mat 271 MAT 265 or MAT 270 Grade of "C" or better in MAT 170 or equiv MAT 265 MAT 266 MAT 267 MAT 265 Pre or co-req PHY 121 PHY 121; MAT 251; co-req MAT 252 pre-or co-req PHY 131
	Elective	Def Solids	Dynamics	Thermo	Prob/Stats						
	3	3	3	4	3						
Term 5	CEE 384	CEE 353	CEE 341	CEE 361		14					CEE 212 MAT 266, Mat 271 MAT 265 or MAT 270 Grade of "C" or better in MAT 170 or equiv MAT 265 MAT 266 MAT 267 MAT 265 Pre or co-req PHY 121 PHY 121; MAT 251; co-req MAT 252 pre-or co-req PHY 131
	Num Meth	Civ Eng Ma	Fluid Mech	Environ Eng							
	3	3	4	4							
Term 6	CEE 300	CEE 372	CEE 321	CEE 351		15					CEE 212 MAT 266, Mat 271 MAT 265 or MAT 270 Grade of "C" or better in MAT 170 or equiv MAT 265 MAT 266 MAT 267 MAT 265 Pre or co-req PHY 121 PHY 121; MAT 251; co-req MAT 252 pre-or co-req PHY 131
	Eng Bus	Trans Eng	Struc Dsgn	Geo Eng							
	3	4	4	4							
Term 7	CEE 400	CEE 440	CEE 466	CEE 467	Tech	15					CEE 212 MAT 266, Mat 271 MAT 265 or MAT 270 Grade of "C" or better in MAT 170 or equiv MAT 265 MAT 266 MAT 267 MAT 265 Pre or co-req PHY 121 PHY 121; MAT 251; co-req MAT 252 pre-or co-req PHY 131
	Erth sys	Hydro	Urb Water	Env Micro	Elective						
	3	3	3	3	3						
Term 8	HU/SB	CEE 441	CEE 462	CEE 486		13					CEE 212 MAT 266, Mat 271 MAT 265 or MAT 270 Grade of "C" or better in MAT 170 or equiv MAT 265 MAT 266 MAT 267 MAT 265 Pre or co-req PHY 121 PHY 121; MAT 251; co-req MAT 252 pre-or co-req PHY 131
	Elective	Water Res	Unit Op	Int Design							
	3	3	3	4							

TOTAL 120

**General Studies 15 hrs (5 classes)**

HU	CEE 400
HU	
SB	ECN
SB	
UD	CEE 400
C	
G	
H	CEE 400

**TECH ELECTIVES**

CEE 281, 412, 420, 421, 452, 474, 475, 481, 483, BIO 320, BCH 361, CHM 302, 341, PUP 442, 475

**Recommended Basic Science:** CHM 231

**Recommended SB:** COM 100, 110, 320, GCU 141, 361, 442

**Recommended HU:** CEE 181, CON 101, APH 100, PUP 100, 200

**Notes**

F-Fall, S-Spring, SU-Summer

All pre-reqs are with a C min. unless otherwise specified

  Critical courses used for transfer students

) (D)