

Student Name: _____

J-Number: _____

Advisor: _____

**COLLEGE OF
SCIENCE, ENGINEERING AND TECHNOLOGY
B.S. in CIVIL ENGINEERING
CONC.: ENVIRONMENTAL ENGINEERING**

Entering Term: _____

Expected Graduation Date: _____

Pathway: _____

**FRESHMAN YEAR FALL
1ST SEMESTER**

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	SEMESTER	GRADE	PREREQUISITE
UNIV 100	University Success	2	UR			
MATH 241	Calculus I & Lab	3	DPR			ACT Math Score 21 or MATH 112 or Precalculus
CHEM 141 & CHML 141	General Chemistry I & Lab	4	DPR			MATH 111
ENG 104	Composition I	3	GEC			ACT English Score 17 or SAT 470
	Humanities & Fine Arts Option	3	GEC			
TOTAL CREDIT HOURS		15	TERM GPA:			

Comments:

**FRESHMAN YEAR SPRING
2ND SEMESTER**

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	SEMESTER	GRADE	PREREQUISITE
MATH 242	Calculus II & Lab	3	DPR			MATH 241
PHY 211 & PHYL 211	General Physics I & Lab	4	GEC			MATH 241
ENG 105	Composition II	3	GEC			ENG 104
	Pathway Option	3	PATH			
	Pathway Option	3	PATH			
TOTAL CREDIT HOURS		16	TERM GPA:			

Comments:

**SOPHOMORE YEAR FALL
1ST SEMESTER**

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	SEMESTER	GRADE	PREREQUISITE
MATH 243	Calculus III & Lab	3	DPR			MATH 242
CHEM 142 & CHML 142	General Chemistry II & Lab	4	DPR			CHEM 141
CIV 222	Engineering Mechanics I	3	DPR			PHY 211 (co-req)
CIV 201	Engineering Graphics	2	DPR			MATH 112 or MATH 118
BIO 101 & BIOL 101 or SCI 205	Introduction to Biology & Lab or Earth Space Science	3	DPR			
	Pathway Option	3	PATH			
TOTAL CREDIT HOURS		18	TERM GPA:			

Comments:

**SOPHOMORE YEAR SPRING
2ND SEMESTER**

COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	SEMESTER	GRADE	PREREQUISITE
MATH 244	Calculus IV & Lab	3	DPR			MATH 243
MATH 368	Ordinary Differential Equations I	3	DPR			MATH 242
CIV 223	Engineering Mechanics II	3	DPR			CIV 222, MATH 242
CIV 240	Strength of Materials	3	DPR			CIV 222
CHEM 241	Organic Chemistry I	3	DPR			CHEM 142
UNIV 200	Civic Engagement	1	UR			
TOTAL CREDIT HOURS		16	TERM GPA:			

Comments:

JUNIOR YEAR FALL 1ST SEMESTER						
COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	SEMESTER	GRADE	PREREQUISITE
MATH 307	Probability & Statistics for Engineering	3	DPR			MATH 242
CIV 320	Structural Analysis	3	DPR			CIV 240
CIV 330	Fluid Mechanics	3	DPR			CIV 223, MATH 368 (co-req)
CIV 340 & CIVL 340	Introduction to Environ. Eng. & Lab	4	DPR			CHEM 141, CIV 330 (co-req)
CIV 355	Engineering Economy	3	DPR			MATH 242
TOTAL CREDIT HOURS		16	TERM GPA:			

Comments:

JUNIOR YEAR SPRING 2ND SEMESTER						
COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	SEMESTER	GRADE	PREREQUISITE
CIV 360	Design of Steel Structure	3	DPR			CIV 320
CIV 370	Water Resources Engineering	3	DPR			CIV 330
CIV & CIVL 380	Introduction to Geotechnical Engineering and Lab	4	DPR			CIV 340
CIV 390	Introduction to Transportation Engineering	3	DPR			CIV 380
CIVL 330	Fluid Mechanics Lab	1	DPR			CIV 330
	Social & Behavioral Science Option	3	GEC			
TOTAL CREDIT HOURS		17	TERM GPA:			

Comments:

SENIOR YEAR FALL 1ST SEMESTER						
COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	SEMESTER	GRADE	PREREQUISITE
CIV 410	Capstone Design I	3	DPR			CIV 340, CIV 360, CIV 390, senior standing
CIV 420	Design of Concrete Structures	3	DPR			CIV 320
CIVL 421	Structural Engineering Lab	1	DPR			CIV 420 (co-req)
CIV 430	Foundation Engineering	3	DPR			CIV 380
CIV 461	Professional & Ethical Issues in Civil Eng.	1	DPR			Senior standing
	Civil Engineering Elective	3	DPE			
	Civil Engineering Elective	3	DPE			
TOTAL CREDIT HOURS		17	TERM GPA:			

Comments:

SENIOR YEAR SPRING 2ND SEMESTER						
COURSE	COURSE TITLE	CREDIT HOURS	COURSE TYPE	SEMESTER	GRADE	PREREQUISITE
CIV 411	Capstone Design I	3	DPR			CIV 410
	Civil Engineering Elective	3	DPE			
	Civil Engineering Elective	3	DPE			
	Humanities & Fine Arts Option	3	GEC			
TOTAL CREDIT HOURS		12	TERM GPA:			

Comments:

TOTAL HOURS REQUIRED: 127

Candidates that transfer 12 or more hours of college credit are exempt from UNIV 100: University Success; however, the student must take 2 hours of general electives to replace UNIV 100.

Student Signature: _____ Advisor Signature: _____