

Name \_\_\_\_\_

 Major CIVIL ENGINEERING

 Degree BSE

ASU ID \_\_\_\_\_

 Concentration: ENVIRONMENTAL ENGINEERING

Anticipated Grad. Date \_\_\_\_\_

AGEC-A, AGEC-B, AGEC-S; Completed: Yes No

Pre-Major (Non-Degree) Credits	Hrs Cr		Trans from	Gr
	ASU	Tr		
CHM 113 Gen Chem I	4			
MAT 170 Precalculus	3			
PHY 105 Intro Physics	3			

**I. English Proficiency (6 hrs)**
*(University requirement - "C"(2.00) min grade required)*

ENG 101 First-Year Comp (3) and				
ENG 102 First-Year Comp (3) or, if eligible,				
ENG 105 Adv First-Year Comp (3)				
(see Catalog for eligibility requirements)				

Sub Total (I) \_\_\_\_\_

**II. General Studies & School Requirements (55 hrs)**
*(see Catalog for approved courses)*
**A. Humanities & Social Sciences (15 hrs min)**
*(Required: 1 course upper division; 2 courses from the same dept; 2 depts or more represented; plus a minimum of two courses that satisfy three awareness areas: cultural (C), global (G), and historical (H). Double counting is permissible between HU or SB and the awareness areas and also within the awareness areas.)*
**Humanities/Fine Arts (6 hrs min) (HU)**


**Social/Behavioral Sciences (6 hrs min) (SB)**

ECN 111 or 112 Econ	3			

*Awareness Areas(C/G/H) two courses minimum; all three areas required*

C/G/H: \_\_\_\_\_

C/G/H: \_\_\_\_\_

C/G/H: \_\_\_\_\_

**B. Literacy/Critical Inquiry (6 hrs)**

+++ L: CEE 486 Integrated Design 3

++ L: ECE 300 Intermed Engrg Des 3

**C. Natural Sciences/Basic Sciences (15 hrs)**

SQ: CHM 114 or 116 Gen Chem 4

SQ: PHY 121 Physics I 3

SQ: PHY 122 Phys Lab I 1

SQ: PHY 131 Physics II 3

SQ: PHY 132 Phys Lab II 1

CHM 231 Elem Org Chem 3

**+ D. Mathematical Studies (19 hrs)**

MA: MAT 270 Calc I 4

MA: MAT 271 Calc II 4

MA: MAT 272 Calc III 4

MA: MAT 274 El Diff Eq 3

ECE 384 Num Meth Engr 4

Sub Total (II) \_\_\_\_\_

**++ III. Engineering Core (18 hrs)**

	Hrs Cr		Trans from	Gr
	ASU	Tr		
CS: ECE 100 Intro Engrg Des	3			
ECE 210 Statics	3			
ECE 212 Dynamics	3			
ECE 313 Intro Def Solids	3			
ECE 340 Thermo	3			
ECE 351 Civil Engr Matls	3			

Sub Total (III) \_\_\_\_\_

**IV. Major (49 hrs)**

CEE 296 CE Systems	4			
CEE 321 Struct Analy & Des	4			
CEE 341 Fluid Mech for CE	4			
CEE 351 Geotech Engr	4			
CEE 361 Environ Engr	4			
CEE 372 Trans Engr	4			
CS: ECE 380 Prob/Stat for Engr Prbl Slvg	3			

**++++ Environmental Design Courses (6 hrs)**

CEE 441 Water Res Engr	3			
CEE 466 San Syst Des	3			

**++++ Environmental Technical Courses (16 hrs)**

BCH 361,BIO 320,CHM 302, 341,PUP 442,475	3			
CEE 362 Unit Ops in Environ Engrg	3			
CEE 440 Engr Hydrology	3			
CEE 467 Environ Microbiology	4			
Approved Tech Elective	3			

Sub Total (IV) \_\_\_\_\_

+ minimum 2.00 GPA required in Mathematical Studies courses.

++ minimum 2.00 GPA required in Engineering Core + ECE 300

+++ minimum 2.00 GPA required in Major + CEE 486

++++ minimum 2.00 GPA required in Design and Technical courses, combined

**Graduation Requirements:**
*Regular Curriculum - 128 hrs (plus pre-major (non-degree) credits)*
*Total Upper Division Hrs \_\_\_\_\_ (Min. required: 50 hrs)*
**Semester Hour Summary**

	Hrs/ASU	Tr Hrs	Total
I. English Proficiency			
II. General Studies			
III. Engineering Core			
IV. Major			
<b>Total Program Hours</b>			

 Submitted by \_\_\_\_\_  
Student Signature
Date

 Approved \_\_\_\_\_  
Advisor
Date

 Approved \_\_\_\_\_  
Dean
Date

