

Name _____
 ASU ID _____
 Anticipated Grad. Date _____

Major: Civil Engineering Degree BSE
 Concentration: Environmental Engineering
 AGEC-A, AGEC-B, AGEC-S; Completed: Yes No

I. English Proficiency (6 hrs) <i>(University requirement – "C" min required)</i>	Hrs Cr		Trans From	Gr
	ASU	Tr		
+ENG 101 / 107 First-Year Comp (3) and +ENG 102 / 108 First-Year Comp (3)				
Or , if eligible (see Catalog for eligibility), +ENG 105 Adv First-Year Comp (3) and An Applicable Elective (3) – see Department				
Sub Total (I)				

II. General Requirements (9 hrs) *(See Catalog for approved courses)*

A. Humanities & Social Sciences (15 hrs min)
(Required: 1 course upper division; 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, and Design (6 hrs min)(HU)

#HU CEE 400 Earth Sys Eng & Mgt	<i>Satisfied by Course in Major</i>			
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Social/Behavioral Sciences (6 hrs min)(SB)

SB: ECN 211 or 212 Economics	<i>Satisfied by Course in Major</i>			
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Awareness Areas

#H: CEE 400 Earth Sys Eng & Mgt	<i>Satisfied by Course in Major</i>			
Global				
Cultural				

B. Literacy/Critical Inquiry (6 hrs)

#L: CEE 300 Engr Business Practice	<i>Satisfied by Courses in Major</i>			
#L: CEE 486 Integrated CE Design				

C. Natural Sciences/Basic Sciences (8 hrs)

SQ: PHY 121/122 Physics I / Lab I	<i>Satisfied by Courses in Major</i>			
SQ: PHY 131/132 Physics II / Lab II				

D. Mathematical Studies (6 hrs) – Mark when taken

CS: CEE 100 Intro to Civil & Env Engr	<i>Satisfied by Courses in Major</i>			
MA: MAT 275 Mod Diff. Eqs				
Sub Total (II)				

III. Required Lower Division Courses (49 hrs)

A. Natural Sciences/Basic Sciences (15 hrs)				
SQ: CHM 114 or 116 ¹ Chemistry	4			
SQ: PHY 121 Physics I	3			
SQ: PHY 122 Physics Lab I	1			
SQ: PHY 131 Physics II	3			
SQ: PHY 132 Physics Lab II	1			
Basic Science	3			
B. Mathematical Studies (17 hrs)				
CS: IEE 280 Prob/Stat for Eng	3			
MAT 242 Linear Algebra	2			
MA: MAT 275 Mod Diff. Eqs	3			
MAT 294 ST: Calc for Engineers I	3			
MAT 294 ST: Calc for Engrs II	3			
MAT 294 ST: Calc for Engrs III	3			

Submitted by _____
Student Signature *Date*

C. Lower Division Engr (14 hrs)	Hrs Cr		Trans From	Gr
	ASU	Tr		
CS: CEE 100 Intro to Civil & Env Engr	3			
CEE 211 Eng Mechanics: Stat & Dynam	4			
CEE 213 Deformable Solids	3			
MAE 240 Thermofluids I	4			
D. Business (3 hrs)				
SB: ECN 211 or 212 Economics	3			
Sub Total (III)				

IV. Required Upper Division Courses (56 hrs)

# L: CEE 300 Engr Business Practice	3			
# CEE 321 Structural Analysis & Des.	4			
# CEE 341 Fluid Mechanics for CE	4			
# CEE 351 Geotechnical Engr	4			
# CEE 353 CE Materials	3			
# CEE 361 Intro to Environ. Eng.	4			
# CEE 372 Transportation Engineering	4			
# CS: CEE 384 Numerical Methods	3			
# HU: CEE 400 Earth Sys Eng & Mgt	3			
# L: CEE 486 Integrated CE Design	3			
Environmental Engineering Design Courses (6 hrs)				
# CEE 441 Water Resource Eng	3			
# CEE 466 San Syst Design	3			
Environmental Engineering Technical Courses (15 hrs)				
BCH 361, BIO 320, CHM 302, 341, PUP 442, 475	3			
# CEE 440 Eng Hydrology	3			
# CEE 462 Unit Ops in Environ Eng	3			
# CEE 467 Environ Microbiology	3			
Approved Tech Elective	3			
Sub Total (IV)				

Total Upper Division _____ (minimum 45 required)

+ A minimum grade of "C" (2.0) required
 # Designates an upper division civil engineering course; a minimum cumulative GPA of 2.00 is required

Designates a skill-set course
¹ CHM 113 is prerequisite and does not apply toward degree credit

Graduation Requirements
 Regular Curriculum – 120 Hours

Semester Hour Summary	Hrs/ASU	Tr Hrs	Total
I. English Proficiency			
II. General Studies			
III. Required Lower Division			
IV. Required Upper Division			
Total Program Hours			

Submitted by _____
Advisor *Date*

Approved _____
Department Chair *Date*