

Name \_\_\_\_\_

Major: Civil Engineering

Degree BSE

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

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

AGEC-A, AGECE-B, AGECE-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)				
<b>Or</b> , if eligible (see Catalog for eligibility), +ENG 105 Adv First-Year Comp (3) and An Applicable Elective (3) – see Department				
<b>Sub Total (I)</b>				

**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>			
---------------------------------	-------------------------------------	--	--	--

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

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

**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	<i>Satisfied by Courses in Major</i>			

**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	<i>Satisfied by Courses in Major</i>			

**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	<i>Satisfied by Courses in Major</i>			
<b>Sub Total (II)</b>				

**III. Required Lower Division Courses (49 hrs)**

A. Natural Sciences/Basic Sciences (15 hrs)				
SQ: CHM 114 or 116 <sup>1</sup> 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			
<i>Basic Science</i>	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 \_\_\_\_\_ Date \_\_\_\_\_  
*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 or EEE 202 Circuits I	4			
D. Business (3 hrs)				
SB: ECN 211 or 212 Economics	3			
<b>Sub Total (III)</b>				

**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			
<i>Design Electives (6 hrs)</i>				
<i>Technical Electives (15 hrs)</i>				
<b>Sub Total (IV)</b>				

**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*  
<sup>1</sup> 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			
<b>Total Program Hours</b>			

Submitted by \_\_\_\_\_ Date \_\_\_\_\_  
*Advisor* *Date*

Approved \_\_\_\_\_ Date \_\_\_\_\_  
*Department Chair* *Date*