

Name _____

Major: Civil Engineering

Degree BSE

ASU ID _____

Anticipated Grad. Date _____

AGEC-A, AGECE-B, AGECE-S;

Completed: Yes No

ASU Requirement for all incoming Freshmen	Hrs Cr	Trans	Gr
ASU 101 The ASU Experience	ASU Tr	From	Gr
ASU 101 The ASU Experience	1 credit		
I. English Proficiency (6 hrs) <i>(University requirement – “C” min required)</i>			
+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) _____			

ASU Requirement for all incoming Freshmen	Hrs Cr	Trans	Gr
ASU 101 The ASU Experience	ASU Tr	From	Gr
II. General Requirements (9 hrs) <i>(See Catalog for approved courses)</i>			
A. Humanities & Social Sciences (15 hrs min) <i>(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.)</i>			
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			
Historical: 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>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>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>Major</i>		
Sub Total (II) _____			

ASU Requirement for all incoming Freshmen	Hrs Cr	Trans	Gr
ASU 101 The ASU Experience	ASU Tr	From	Gr
III. Required Lower Division Courses (46 hrs)			
A. Natural Sciences/Basic Sciences (15 hrs)			
CHM 114 or 116 ¹ Chemistry (SQ)	4		
+PHY 121 Physics I (SQ) ²	3		
+PHY 122 Physics Lab I (SQ) ²	1		
+PHY 131 Physics II (SQ) ²	3		
+PHY 132 Physics Lab II (SQ) ²	1		
Basic science elective	3		
B. Mathematical Studies (14 hrs)			
+MAT 242 Linear Algebra	2		
+MAT 265 Calc for Engrs I	3		
+MAT 266 Calc for Engrs II	3		
+MAT 267 Calc for Engrs III	3		
+MAT 275 Mod Diff. Eqs (MA)	3		

ASU Requirement for all incoming Freshmen	Hrs Cr	Trans	Gr
ASU 101 The ASU Experience	ASU Tr	From	Gr
C. Lower Division Engr (14 hrs)			
+CEE 100 Intro to Civil & Env Engr (CS)	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)			
ECN 211 or 212 Economics (SB)	3		
Sub Total (III) _____			

ASU Requirement for all incoming Freshmen	Hrs Cr	Trans	Gr
ASU 101 The ASU Experience	ASU Tr	From	Gr
IV. Required Upper Division Courses (59 hrs)			
#CEE 300 Engr Business Practice (L)	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		
#CEE 384 Numerical Methods (CS)	3		
#CEE 400 Earth Sys Eng & Mgt (HU)	3		
#CEE 486 Integrated CE Design (L)	3		
IEE 380 Prob/Stat for Eng (CS)	3		
#Design Electives (6 hrs)			
#Technical Electives (15 hrs)			
Sub Total (IV) _____			

Total Upper Division _____ (minimum 45 required)
 + A minimum grade of “C” (2.0) required
 # A minimum GPA of 2.30 is required in all CEE3XXcourses. A minimum GPA of 2.30 is required in all CEE4XXcourses.

Designates a skill-set course
¹ CHM 113 is prerequisite and does not apply toward degree credit
² Must complete lecture and lab to receive SQ 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			