

Name _____

 Major CHEMICAL ENGINEERING Degree BSE

ASU ID _____

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

Pre-Major (Non-Degree) Credits	Hrs Cr		Trans from	Gr
	ASU	Tr		
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)				
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Sub Total (I) _____

II. General Studies & School Requirements (59 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: ECE 300 Intermediate Engr Design	3			
L: CHE 462 Process Design	3			

C. Natural Sciences/Basic Sciences (19 hrs)

SQ: CHM 113 Gen Chem	4			
SQ: CHM 116 Gen Chem	4			
CHM 331 Genl Org Chem I	3			
CHM 335 Genl Org Chem I Lab	1			
SQ: PHY 121 Physics I	3			
SQ: PHY 122 Phys Lab I	1			
PHY 131 Physics II	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 (20 hrs)

	Hrs Cr		Trans from	Gr
	ASU	Tr		
CS: ECE 100 Intro Engrg Des	3			
ECE 350 Struct Prop Matls	3			
ECE approved elective	3			
CHE 311 Intro Chem Processing	3			
CHE 342 Appl Chem Thermo	4			
CS: CHE 461 Process Control	4			

Sub Total (III) _____

IV. Major (43 hrs)

CHE 331 Transport Phen I: Fluids	3			
CHE 334 Transport Phen II: Heat and Mass Trf	4			
CHE 352 Transport Laboratories	2			
CHE 432 Prin CHE Design	2			
CHE 433 Modern Separations	3			
CHE 442 Chem Reactor Des	3			
CHE 451 CHE Lab	2			
CHM 332 Genl Org Chem II	3			
CS: ECE 380 Prob/Stat for Engr Prb Slvg	3			

Technical Electives/Area of Study (18 hrs)

Chem Engr Elective	3			
Chem Elective	3			
Chem Elective	3			
Nat Sci or Matls Elective	3			

Sub Total (IV) _____

Graduation Requirements:
Regular Curriculum - 128 Hours (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			
Total Program Hours			

 Submitted by _____
Student Signature
Date

 Approved _____
Advisor
Date

 Approved _____
Dean
Date

