

Name \_\_\_\_\_

Major CHEMICAL ENGINEERING Degree BSE

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

Area of Study: \_\_\_\_\_

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

AGEC-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" min 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 (56 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: \_\_\_\_\_

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

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

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

L: CHE 352 Transport Lab	3			
L: ECE 300 Intermediate Engr Design	3			

**C. Natural Sciences/Basic Sciences (16 hrs)**

SQ: CHM 113 Gen Chem	4			
SQ: CHM 116 Gen Chem	4			
SQ: PHY 121 Physics I	3			
SQ: PHY 122 Phys Lab I	1			
CHM 331 Genl Org Chem I	3			
CHM 335 Genl Org Chem Lab I	1			

**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 (23 hrs)**

	Hrs Cr		Trans	
	ASU	Tr	from	Gr
CS: ECE 100 Intro Engrg Des	3			
ECE 394 ST: Conserv Princ	4			
ECE 394 ST: Prop That Matter	4			
ECE 394 ST: Engrg Systems	4			
CHE 342 Appl Chem Thermo	4			
CS: CHE 461 Process Control	4			

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

**IV. Major (43 hrs)**

CHE 311 Intro Chem Proc	3			
CHE 331 Transport Phen I: Fluids	3			
CHE 332 Transport Phen II: Energy	3			
CHE 333 Transport Phen III: Mass	3			
CHE 432 Prin CHE Design	3			
CHE 442 Chem Reactor Des	3			
CHE 451 CHE Lab	2			
CHE 462 Process Design	3			
CHM 332 Genl Org Chem II	3			
CS: ECE 380 Prob/Stat for Engr Prb Slvg	3			

**Technical Electives/Area of Study (14 hrs)**

CHE Elective				
CHM Elective				
CHM Elective				
Adv. Sci or Matls				

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

**Total Upper Division** \_\_\_\_\_ (min 50 required)

**Graduation Requirements**

Regular Curriculum - 128 Hours  
(plus pre-major (non-degree) credits)

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

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