

Name \_\_\_\_\_

Major CHEMICAL ENGINEERING Degree BSE

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

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

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

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

	Hrs Cr		Trans from	Gr
	ASU	Tr		
Pre-Major (Non-Degree) Credits				
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 (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			
<b>Total Program Hours</b>			

Submitted by \_\_\_\_\_  
Student Signature Date

Approved \_\_\_\_\_  
Advisor Date

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

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

