

Name \_\_\_\_\_

Major COMPUTER SYSTEMS ENGINEERING Degree BSE

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

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

Pre-Major (Non-Degree) Credits	ASU	Tr	tr from	Gr
CHM 113 Gen Chem I	4			
CSE 110 Prin Prog Java	3			
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 (57 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 must be met

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

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

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

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

+L: CSE 423 Capstone Proj	3			
L: ECE 300 Intermed Engrg Dsgn	3			

**C. Natural Sciences/Basic Sciences (15 hrs)**

<u>SQ</u> : CHM 114 or 116 Chem	4			
* <u>SQ</u> : PHY 121 Physics I	3			
* <u>SQ</u> : PHY 122 Phys Lab I	1			
* <u>SQ</u> : PHY 131 Physics II	3			
* <u>SQ</u> : PHY 132 Phys Lab II	1			
PHY 361 Mod Physics	3			

**D. Mathematical Studies (21 hrs)**

*MAT 243 Disc Math Struct	3			
*MA: MAT 270 Calc I	4			
*MA: MAT 271 Calc II	4			
*MA: MAT 272 Calc III	4			
MA: MAT 274 El Diff Eq or MAT 275	3			
MAT 342 Lin Algebra or MAT 343	3			

Sub Total (II) \_\_\_\_\_

**III. Engineering Core (21 hrs)**

	Hrs Cr		Trans	
	ASU	Tr	from	Gr
CS: ECE 100 Intro Engrg Des	3			
ECE 201 Elec Ntwks	4			
ECE 210 Statics	3			
ECE 334 Electronic Circuits	4			
*+CS: CSE 200 Concepts of CS	3			
*+CSE 225 Assemb Microproc	4			

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

**IV. Major (44 hrs)**

*+CSE 120 Dig Des Fund	3			
*+CS: CSE 210 Obj Orient Dsgn & Data Struct	3			
*+CSE 240 Intro Prog Lang	3			
+CSE 310 Data Struct & Alg	3			
+CSE 330 Comp Org & Arch	3			
+CSE 340 Princ of Prog Lang	3			
+CSE 355 Intro Theoretical CS	3			
+CSE 360 Intro Sftwre Engr	3			
+CSE 421 Microproc Sys Des I	4			
+CSE 422 Microproc Sys Des II	4			
+CSE 430 Operating Syst	3			
CS: ECE 380 Prob/Stat for Engr Prb Slvg	3			

**Technical Electives (6 hrs)\*\***


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

+ "C" (2.00) minimum grade required in CSE courses used for degree credit.

\*Designates CS/E Pre-Professional program beginning w/ Spring 2002 admits.

\*\*See approved list in Computer Science & Engineering Advising Center.

Required 2.00 gpa or higher in all CSE courses and technical electives that count toward the degree requirements.

**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 \_\_\_\_\_  
Dean \_\_\_\_\_ Date \_\_\_\_\_

