

Name _____

Major: Computer Science

Degree BS

ASU ID _____

Concentration: Software Engineering

Anticipated Grad. Date _____

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

Completed: Yes No

ASU Requirement for all incoming Freshmen			
	Hrs	Cr	
	ASU	Tr	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 HU/SB Course(3)			
Sub Total (I)	_____		

II. General Requirements (18 hrs) *(See Catalog for approved courses)*

A. Humanities & Social Sciences (18 hrs min)
(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.)

	Hrs	Cr	
	ASU	Tr	Gr
Humanities, Fine Arts, and Design (6 hrs min)(HU)			

	Hrs	Cr	
	ASU	Tr	Gr
Social/Behavioral Sciences (6 hrs min)(SB)			

	Hrs	Cr	
	ASU	Tr	Gr
Awareness Areas:			
<i>Cultural</i>			
<i>Global</i>			
<i>Historical</i>			

B. Literacy/Critical Inquiry (6 hrs)			
#+ L: CSE 461 Softwr Engr Proj I	Satisfied by Courses in Major		
#+ L: CSE 462 Softwr Engr Proj II			
C. Natural Sciences/Basic Sciences (8 hrs)			
SQ: BIO 187 or 188 Gen Bio I or II	Satisfied by Courses in Major		
SQ Approved Lab Science Sequence			
D. Mathematical Studies (6 hrs)			
#+CS: CSE 205 Concept of CS/Data Strc	Satisfied by Courses in Major		
MA: MAT 265 Calc for Engrs I			
Sub Total (II)	_____		

III. Required Lower Division Courses (39 hrs)

	Hrs	Cr	
	ASU	Tr	Gr
A. Natural Sciences/Basic Sciences (12 hrs)			
BIO 187 or 188 Gen Bio I or II (SQ)	4		
Approved Lab Science Seq (SQ) (8 hrs) See Dept			
B. Mathematical Studies (12 hrs)			
+MAT 243 Discrete Math	3		
+MAT 265 Calc for Engrs I (MA)	3		
+MAT 266 Calc for Engrs II	3		
+MAT 267 Calc for Engrs III	3		

	Hrs	Cr	
	ASU	Tr	Gr
# C. Lower Division Computer Sci (15 hrs)			
+CSE 100 or 110 Prin of Prog (CS)	3		
+CSE 120 Dig Design Fund	3		
+CSE 205 Concept of CS/Data Strc (CS)	3		
+CSE 230 Comp Org/Assem Lang	3		
+CSE 240 Intro to Prog Lang	3		
Sub Total (III)	_____		

IV. Required Upper Division Courses (43 hrs)

+CSE 301 Ethics for Computing	1		
+CSE 310 Data Structs and Alg	3		
+CSE 340 Princ of Prog Lang	3		
+CSE 355 Intro to Theor. CS	3		
+CSE 360 Intro to Software Engineering	3		
+CSE 430 Operating Systems	3		
+CSE 461 Softwr Engr Project I (L)	3		
+CSE 462 Softwr Engr Project II (L)	3		
IEE 380 Prob/Stats (CS)	3		
MAT 343 Applied Linear Algebra	3		
CSE 400-Level Electives (15 hrs)			
+CSE 445 Distrib Software Dev	3		
+CSE 460 Softwr Analys & Design	3		
	3		
	3		
Sub Total (IV)	_____		

V. Electives (14 hrs)

+Technical Electives (6 hrs) See Dept			
General Electives (8 hrs)			
Sub Total (V)	_____		

Total Upper Division _____ *(minimum 45 required)*
 + A minimum grade of “C” (2.0) required
 #A minimum cumulative GPA of 2.00 is required
 Designates a skill-set course

Graduation Requirements
 Regular Curriculum – 120 Hours

	Hrs/ASU	Tr Hrs	Total
Semester Hour Summary			
I. English Proficiency			
II. General Studies			
III. Required Lower Division			
IV. Required Upper Division			
V. Electives			
Total Program Hours			