

Name \_\_\_\_\_

Major: Computer Science

Degree BS

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

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

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

Completed:  Yes  No

<b>ASU Requirement for all incoming Freshmen</b>	Hrs	Cr	Trans	Gr
	ASU	Tr	From	
ASU 101 The ASU Experience	1	credit		
<b>I. English Proficiency (6 hrs)</b> <i>(University requirement – “C” min required)</i>				
+ENG 101 / 107 First-Year Comp (3) and				
+ENG 102 / 108 First-Year Comp (3)				
<b>Or, if eligible (see Catalog for eligibility),</b>				
+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.)*

**Humanities, Fine Arts, and Design (6 hrs min)(HU)**

Hrs	Cr	Trans	Gr

**Social/Behavioral Sciences (6 hrs min)(SB)**

Hrs	Cr	Trans	Gr

**Awareness Areas:**

Hrs	Cr	Trans	Gr
<b>Cultural</b>			
<b>Global</b>			
<b>Historical</b>			

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

#+ L: CSE 485 CS Capstone Project I      **Satisfied by Courses in Major**  
 #+ L: CSE 486 CS Capstone Project 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)**

**A. Natural Sciences/Basic Sciences (12 hrs)**

Hrs	Cr	Trans	Gr
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)**

Hrs	Cr	Trans	Gr
+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		

<b># C. Lower Division Computer Sci (15 hrs)</b>	Hrs	Cr	Trans	Gr
	ASU	Tr	From	
+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 Theory CS	3			
+CSE 360 Intro to Software Engineering	3			
+CSE 430 Operating Systems	3			
+CSE 485 CS Capstone Project I (L)	3			
+CSE 486 CS Capstone Project II (L)	3			
IEE 380 Prob/Stats (CS)	3			
MAT 343 Applied Linear Algebra	3			
<b>+CSE 400-Level Electives (15 hrs)</b>				
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

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