

Name \_\_\_\_\_

Major: Computer Science

Degree BS

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

Concentration: Information Assurance

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

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

Completed:  Yes  No

<b>ASU Requirement for all incoming Freshmen</b>			
	Hrs	Cr	ASU Tr
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	ASU Tr

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

	Hrs	Cr	ASU Tr

**Awareness Areas:**

	Hrs	Cr	ASU Tr
<b>Cultural</b>			
<b>Global</b>			
<b>Historical</b>			

<b>B. Literacy/Critical Inquiry (6 hrs)</b>			
#+ L: CSE 485 CS Capstone Project I	<b>Satisfied by Courses in Major</b>		
#+ L: CSE 486 CS Capstone Project II			
<b>C. Natural Sciences/Basic Sciences (8 hrs)</b>			
SQ: BIO 187 or 188 Gen Bio I or II	<b>Satisfied by Courses in Major</b>		
SQ Approved Lab Science Sequence			
<b>D. Mathematical Studies (6 hrs)</b>			
#+CS: CSE 205 Concept of CS/Data Strc	<b>Satisfied by Courses in Major</b>		
MA: MAT 265 Calc for Engrs I			
Sub Total (II)	_____		

**III. Required Lower Division Courses (39 hrs)**

<b>A. Natural Sciences/Basic Sciences (12 hrs)</b>			
BIO 187 or 188 Gen Bio I or II (SQ)	4		
Approved Lab Science Seq (SQ) (8 hrs) See Dept			
<b>B. Mathematical Studies (12 hrs)</b>			
+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		

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

<b># IV. Required Upper Division Courses (43 hrs)</b>					
+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 485 CS Capstone Project I <sup>1</sup> (L)	3				
+CSE 486 CS Capstone Project II <sup>1</sup> (L)	3				
IEE 380 Prob/Stats (CS)	3				
MAT 343 Applied Linear Algebra	3				
<b>Concentration (15 hrs)</b>					
+CSE 465 Information Assurance	3				
+CSE 466 Computer Syst Security	3				
+CSE 467 Data & Info Security	3				
+CSE 468 Computer Netwrk Security	3				
+(choose one) CSE 412, 434, 460, 463, 471	3				
Sub Total (IV)	_____				

<b>V. Electives (14 hrs)</b>					
<b>+Technical Electives (6 hrs) See Dept</b>					
<b>General Electives (8 hrs)</b>					
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*  
<sup>1</sup> Students are encouraged to complete their project in Information Assurance.

**Graduation Requirements: Regular Curriculum – 120 Hours**

Semester Hour Summary	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>			