

Name \_\_\_\_\_

Major: **APPLIED COMPUTER SCIENCE (ACS)**

**ASU ID**

<b>I. English Proficiency (6 hrs)</b> <i>(University requirement - "C" min required)</i>	Hrs	Cr	Trans	Gr
	ASU	Trns	from	
ENG 101 First-Year Comp and	3			
ENG 102 First-Year Comp or, if eligible (see Catalog for eligibility)	3			
ENG 105 Adv First-Year Comp				
<b>Sub Total (I)</b>				

**II. General Studies/College Requirements (15 Hours)**  
*(see Catalog for approved courses)*

**A. Humanities & Social Sciences (15 hrs min)**  
*[Req'd: 1 course UD; 6 hours from one area and 9 from the other; plus 1 course in each awareness area: cultural (C), global (G), & historical (H)]*  
**Humanities/Fine Arts (6 hrs min) (HU)**

	3			
	3			
	*			

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

ECN 111 or ECN 112	3			
	3			
	*			

**Awareness Areas**

C:				
G:				
H:				

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

L: CST 415 SE3: INCEP & ELAB	3	See Major Courses		
L: CST 416 SE4: PROJECT	3			

**C. Natural Sciences (8 hrs min)**

SQ: CHM 113 General Chemistry(lab)	4	See Major Courses		
SQ: CHM 115 Gen Chem w/ Qual Anal (lab)	4			
or SQ: PHY 111/3 General Physics I				
SQ: PHY 112/4 General Physics II				

**D. Mathematical Studies (6 hrs min) See Numeracy Req't\***

MA: APM 270 Mathematics of Change I	3	See Major Courses		
CS: CST 150 Dig Sys I	3			

**Sub Total (II)**

**III. Lower Division Courses in Major (44 hrs)**

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

SQ: CHM 113 General Chemistry(lab)	4			
SQ: CHM 115 Gen Chem w/ Qual Anal (lab)	4			
or SQ: PHY 111/3 General Physics I				
SQ: PHY 112/4 General Physics II				
Lab Science Elective	4			

**B. Mathematical Studies (12 hrs)**

MA: APM 270 Mathematics of Change I	3			
MA: APM 271 Mathematics of Change II	3			
MA: APM 272 Mathematics of Change III	3			
MAT 243 Discr Math Structures	3			

<b>C. Lower Division Computing (20 hrs)</b>	Hrs	Cr	Trans	Gr
	ASU	Trns	From	
CST 100 Object Oriented Sftwr I	3			
CS: CST 150 Digital Systems I	3			
CST 200 Object Oriented Sftwr II	4			
CST 220 Pgm Lang Tech C/C++	3			
CST 230 Applied Data Structures	3			
CST 250 Microcomp Arch & Prog	3			
CST 251 Microcomp Arch & Prog Lab	1			
<b>Sub Total (III)</b>				

**IV. Upper Division Courses in Major (46hrs)**

**A. Upper Division Core (28 hrs)**

CST 315 SE1: Tools & Testing	3			
CST 316 SE2: Constr. & Trans.	3			
CST 335 Appl. of Comp. Theory	3			
CST 359 Internet Networking Prot.	3			
CST 386 Operating Systems Princ	3			
L: CST 415 SE3: Incep & Elab	3			
L: CST 416 SE4: Project	3			
CST 420 Found. Of Dist. Web-Based	3			
CST 433 Database Technology	3			
CST 494 ST: Prof. Orientation	1			
CS: APM 301 Introductory Statistics	3			

**B. Upper Division Electives (15 hrs)**

Business or Engineering Elective	3			
Major Electives (12 hrs of CST 4xx)	3			
	3			
	3			
<b>Sub Total (IV)</b>				

**V. Technical Electives (9 hrs)**

CTAS or approved 3xx/4xx Elec.	3			
	3			
	3			
<b>Sub Total (IV)</b>				

**Graduation Requirements Total Upper Div Hrs \_\_\_\_\_**  
Regular Curriculum - 120 hrs (Min. required: 50 hrs)

<b>Semester Hour Summary</b>	ASU	TR	<b>TOTAL HRS</b>
	HRS	HRS	
<b>I. English</b>			
<b>II. General Studies</b>			
<b>III. Lower Division Courses in Major</b>			
<b>IV. Upper Division Courses in Major</b>			
<b>V. Tech Electives</b>			
<b>Total Program Hours</b>			

Submitted by \_\_\_\_\_  
 Student Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Approved \_\_\_\_\_  
 Advisor \_\_\_\_\_ Date \_\_\_\_\_  
 Approved \_\_\_\_\_  
 Department Chair \_\_\_\_\_ Date \_\_\_\_\_  
 Approved \_\_\_\_\_  
 Academic Advising Coordinator \_\_\_\_\_ Date \_\_\_\_\_  
 Approved \_\_\_\_\_  
 Dean \_\_\_\_\_ Date \_\_\_\_\_

AGEC OR TGECC CERTIFICATION \_\_\_Yes \_\_\_No

\* University Mathematical Studies Requirement: Program must include at least one course from MA category and an additional course from the CS category.

