120 Credits Total56 Credits in Major

ABOUT THE COMPUTER SCIENCE BS DEGREE:

The BS program in Computer Science is designed to provide a broad introduction to the fundamentals of computer science including software and systems, programming languages, machine architecture, and theoretical foundations of computing. The required mathematics preparation provides a basis for advanced work.

STEP 1:

Major Requirements:

Wajor Requirements.						
Course	Semester	Credits	Grade			
CSC 106*		4				
CSC 110		4				
CSC 211		4				
CSC 212		4				
CSC 301		4				
CSC 305*		4				
CSC 340		4				
CSC 411		4				
CSC 412		4				
CSC 440		4				
CSC 477 or 499		4				
Two CSC or CSF courses at the 300-level or above. CSC 392, 491, and 492 may only be used with departmental						
permission. CSC 477, 494, and 499 may not be used. Only one course may be CSF.						
	omy one cour		<u>•</u>			
		4				
		4				
One course from: CSC 310, 372, 402, 406, 415, 436, 450, 461, 462, 481, 493						
CSC		4				

Additional Major Requirements

Additional Major Requirements					
Course	Semester	Credits	Grade		
MTH 180*		3			
MTH 141*		4			
MTH 142*		4			
One course from: MTH 215, 243*, 244, 322, 362, 382, ISE 332, STA 307, 308, 409, 411, 412					
		3 or 4			
Two courses from: PHY 111/185, 112/186, 203/273*, 204/274*, CHM 101/102*, CHM 112/114, BIO 101(or 110)/103*, BIO 102/104*, GEO 103*, OCG 123G*					
		3 or 4			
		3 or 4			
WRT 104 or 106		3			
One course chosen from: WRT 227*, 235, 302, 303, 332*, 334*, and HPR 142					
		3			

Free elective credits

(to meet the 120 credits required for graduation):

Course	Credits	Course	Credits

^{*}Course approved for general education credit

56 Credits in Major

GENERAL EDUCATION GUIDELINES: General education is 40 credits. Each of the twelve outcomes (A1-D1) must be met by at least 3 credits. A single course may meet more than one outcome, but cannot be double counted towards the 40 credit total. At least one course must be a Grand Challenge (G). No more than twelve credits can have the same course code (note- HPR courses may have more than 12 credits). General education courses may also be used to meet

<u>STEP 2:</u>

requirements of the major or minor when appropriate.

At least 40 credits, no more than 12 credits with the same course code. Course Cr. Course Cr. Total Gen Ed credits 40

General Education Outcome Audit			
	Course		
KNOWLEDGE			
A1. STEM			
A2. Social & Behavioral Sciences			
A3. Humanities			
A4. Arts & Design			
COMPETENCIES			
B1. Write effectively			
B2. Communicate effectively			
B3. Mathematical, statistical, or			
computational strategies			
B4. Information literacy			
RESPONSIBILITIES			
C1. Civic knowledge &			
responsibilities			
C2. Global responsibilities			
C3. Diversity and Inclusion			
INTEGRATE & APPLY			
D1. Ability to synthesize			
GRAND CHALLENGE			
G. Check that at least one course of			
your 40 credits is an approved "G"			
course			

SEE OPPOSITE SIDE FOR PROGRAM REQUIREMENTS.

NOTE: This worksheet sheet is a snapshot of your entire curriculum. You must work with your advisor each term to discuss requirements to keep you on course for timely progress to complete this major. Official requirements for graduation are listed in the University Catalog.