120 Credits Total
56 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:

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.			
		4	
		4	
One course from: CSC 310, 372, 402, 406, 415, 436, 450, 461, 462, 481, 493			
CSC ____		4	

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

Please note: Both major and cumulative GPA must be 2.00 or higher in order to graduate.

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 requirements of the major or minor when appropriate.

STEP 2:   **STEP 3:**

General Education Credit Count				
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.

Please note: Both major and cumulative GPA must be 2.00 or higher in order to graduate.