

General Option

120 Credits Total

56 Credits in Major

**ABOUT THE COMPUTER SCIENCE BS DEGREE:**

The B.S. program in Computer Science provides a broad foundation in computer science, including algorithms and programming languages, computer systems, software development and applications, and theory. The general option provides students with a flexible pathway to tailor advanced coursework to their individual interests and career goals. This option allows students to explore emerging technologies or develop depth in computing domains without the constraints of a narrowly defined specialization.

**STEP 1:**

**Major Requirements:**

Course	Semester	Credits	Grade
CSC 110		4	
CSC 211		4	
CSC 212		4	
CSC 301		4	
CSC 305*		4	
CSC 310		4	
CSC 340		4	
CSC 411		4	
CSC 412		4	
CSC 440		4	
CSC 477 or 499		4	
<b>Choose one CSC course at the 300 or 400-level</b>			
CSC ____		4	
<b>Choose two CSC courses at the 400-level</b>			
CSC ____		4	
CSC ____		4	

**Additional Major Requirements**

Course	Semester	Credits	Grade
MTH 141*		4	
MTH 180*		3	
STA 409		3	
<b>Choose one course from: PHY 111/185*, 112/186*, 203/273*, 204/274*, CHM 101/102*, CHM 112/114, BIO 101(or110)/103*, BIO 102/104*, GEO 103*, OCG 123G*</b>			
		3-4	
<b>Choose one course from: WRT 227*, 290*, 332*, 334*, and HPR 142*</b>			
		3-4	

**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.**

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**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:**

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

**STEP 3:**

General Education Outcome Audit	
	Course
<b>KNOWLEDGE</b>	
A1. STEM	
A2. Social & Behavioral Sciences	
A3. Humanities	
A4. Arts & Design	
<b>COMPETENCIES</b>	
B1. Write effectively	
B2. Communicate effectively	
B3. Mathematical, statistical, or computational strategies	
B4. Information literacy	
<b>RESPONSIBILITIES</b>	
C1. Civic knowledge & responsibilities	
C2. Global responsibilities	
C3. Diversity and Inclusion	
<b>INTEGRATE &amp; APPLY</b>	
D1. Ability to synthesize	
<b>GRAND CHALLENGE</b>	
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.**