Computer Science-BA
120 Credits Total
36-51 Credits in Major

ABOUT THE COMPUTER SCIENCE BA DEGREE:

The BA 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 411 or 412		4	
One CSC or CSF course at the 300-level or above. CSC 392, 491, and 492 may only be used with departmental permission. CSC 477, 494, and 499 will not fulfill this requirement			
		4	
One programming course from: CSC 310, 372, 402, 406, 411, 412, 415, 436, 450, 461, 462, 481, 493			
CSC ____		4	

Additional Major Requirements

Course	Semester	Credits	Grade
MTH 180*		3	
One course from: MTH 131*, 141*, 142*, 215, CSC 340, STA 307, 308, 409			
		3 or 4	
WRT 104 or 106		3	
Choose one course from: WRT 227*, 235, 302, 303, 332*, 334*, and HPR 142			
		3	

30 credits at the 300-level or higher
(major and general education courses may fulfill this requirement)

Course	Credits	Course	Credits

Free elective credits
(to meet the 120 credits required for graduation):

Course	Credits	Course	Credits

> Computer Science BA majors are strongly encouraged to complete a practicum experience such as an internship or research project.

*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:

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
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.

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