

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 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. Only one course may be CSF.			
		4	
		4	
One course from: CSC 402, 406, 415, 436, 450, 462, 481			
CSC ____		4	

Additional Major Requirements

Course	Semester	Credits	Grade
MTH 141		4	
MTH 142		4	
Two courses from: MTH 215, 243, 244, 322, 362, 382, ISE 432, STA 307, 409, 411, 412			
		3 or 4	
		3 or 4	
Two courses from: PHY 203/273, 204/274, CHM 101/102, 112/114, BIO 101, 102, GEO 103, OCG 123			
		3 or 4	
		3 or 4	
One course chosen from the following: WRT 104, 106, HPR 112			
		3	
WRT 201 or 332		3	

Free elective credits

(to meet the 120 credits required for graduation):

Course	Credits	Course	Credits

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

Computer Science BS (2017-2018 Catalog)

Requirements by Year

For course titles and pre-requisite information, please visit: uri.edu/catalog

Fall	Spring	Milestones
Year One		
CSC 106 (B3)	CSC 110	Major and Overall GPA 2.00
WRT 104 or 106 (B1, B4)	MTH 141 (A1, B3)	Take math placement exam
A2 gen ed	B2 gen ed	MTH 111 or equivalent is a pre-req for CSC 211, should be ready to take MTH 141 in 2nd semester. C- or better required to continue with math courses.
A3 gen ed	C1 gen ed	
A4 gen ed	C2 gen ed	
URI 101		
(17cr total)	(17cr total)	Complete 30 credits

Year Two		
CSC 211	CSC 212	Major and Overall GPA 2.00
MTH 142 (A1, B3)	MTH Elective	Complete CSC 211 & CSC 212
C3 gen ed	WRT 201 or 332	Consider minor or second major
D1 gen ed	Science Elective	Eligible to move to the College of Arts & Sciences
G gen ed		
(17cr total)	(13-15cr total)	Complete 60 credits

Year Three		
CSC 301	CSC 340	Major and Overall GPA 2.00
CSC 305	CSC 412	Consider internship
MTH Elective	CSC/CSF 300+ Elective	Declare minor (optional)
Science Elective	CSC 402, 406, 415, 436, 450, 462, or 481	Complete 90 credits
(14-16cr total)	(16cr total)	

Year Four		
CSC 411	CSC 499	Major and Overall GPA 2.00
CSC 440	CSC/CSF 300+ Elective	Complete Intent to Graduate Form by Oct 1st
Free Elective	Free Elective	Complete 120 credits
Free Elective	Free Elective	
	Free Elective (if needed to meet 124 credits)	
(14cr total)	(14-17cr total)	

Note: This plan is not intended to be prescriptive. Credits in transfer, as well as summer or j-term coursework, may result in deviations from the above recommendations.