

Catalogue 2016-17
Bachelor of Science in Computer Science
Student:

CS Advisor:

Course #	Description	Course Credits	Credits Earned	Grade	Course #	Description	Credits Earned	Satisfies University Requirement?
Required Courses					Elective & Distributional Requirements			
CS 21	Programming I	3						
CS 50	Sem for new CS majors*	1						
CS 64	Discrete Structures	3						
CS 110	Intermediate Prog.	4						
CS 120	Advanced Programming	3						
CS 121	Computer Org	3						
CS 124	Data Structures	3						
CS 125	Computability & Cmplxty	3						
CS 201	Operating Sys	3						
Select one of the following:								
CS 224	Analysis of Alg	3						
CS 243	Theory of Computation	3						
CS 292	Senior Seminar	1						
CS Electives								
CS ≥ 0xx		3						
CS ≥ 1xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
Subtotal CS (min 50, max 60):								
MATH/STAT:								
Math 21	Calc I	4						
Math 22	Calc II	4						
STAT 143	Statistics for Engineers	3						
CS 128 or STAT 151		3						
Select two of the following:								
Math 121	Calc III	4						
Math 122 or 124	Linear Algebra	3						
Math 173	Combinatorial Theory	3						
Math 271	Appl M Eng/Sci	3						
Subtotal Math & Stat (min 20):								
Choose three of the following:								
Physics 51 (or 31)		4						
Physics 152 (or 125)		3-4						
Chem 31 (or 35)		4						
Chem 32 (or 36)		4						
Biol 1 (or BCOR 11)		4						
Biol 2 (or BCOR 12)		4						
Subtotal Natural Science (min 11):								
					Subtotal:			
					*Students must also complete the 4 University Req's (indicate above) D1 diversity D1 or D2 diversity W: Writing (e.g., Engl 1) S: Sustainability			
					Credit Summary			
					Left column credits (82 min):			
					Right column credits (38 min):			
					Total Credits Required (120 min)			

*CS 50 is recommended for new majors taking CS 21 or 110, but is not required.
 - No more than three grades of D+, D, or D- in computer science courses numbered [CS 124](#) and higher.
 - Grade of C- or higher required in [CS 021](#) and [CS 110](#).