Catalogue 2019-2020
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				Credits	D1/D2/FW/SU*
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					
CS 224 Algorithm Design + Analy	3					
CS 292 Senior Seminar	1					
CS Electives						
CS ≥ 0xx	3					
CS ≥ 1xx	3					
CS ≥ 1xx	3					
CS ≥ 2xx	3					
CS ≥ 2xx	3					
CS ≥ 2xx	3					
CS ≥ 2xx	3					
Subtotal CS (min 50):						
Math 21 Calc I	4					
Math 22 Calc II	4					
STAT 143 Statistics for Engineers	3					
STAT 151 or CS 128	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:**		
Subtotal Math & Stat (min 20):						
Natural Science	3					
Natural Science w/lab	4					
Subtotal Natural Science (min 7):						

*Students must also complete the University Requirements (indicate above)
D1 diversity
D1 or D2 diversity
FW: Writing (e.g., ENGS 001, TAP, HCOL 085)
SU: Sustainability

*CS 50 is recommended for new majors taking CS 21 or 110, but is not required.
- Students must achieve a minimum GPA of 2.00 in all courses with a CS prefix. The minimum 2.00 GPA also includes courses without a CS prefix that are substituted for a CS course requirement.
- Grade of C- or higher required in CS 021 and CS 110.
- Refer to catalogue for approved Natural Science courses

Credit Summary

Total Credits Required (120 min)	

This document is an advising tool and should be used in combination with a student's degree audit, as well as the published Catalogue for 2019-2020 found at http://catalogue.uvm.edu/