

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						
CS 224	Algorithm Design + Analysis	3						
CS 292	Senior Seminar	1						
CS Electives								
CS ≥ 0xx		3						
CS ≥ 1xx		3						
CS ≥ 1xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS 293	- Honors Thesis	3						
CS 294	- Honors Thesis	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 Math & Stat (min 20):								
Natural Science		3						
Natural Science w/lab		4						
Subtotal Natural Science (min 7):								
					*Students must also complete the University Requirement! (indicate above)			
					D1 diversity			
					D1 or D2 diversity			
					FW: 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)	
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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/>