

Catalogue 2019-2020
 Bachelor of Science
 Major in Computer Science & Information Systems
 Student:

CS Advisor:

Course #	Description	Course Credits	Credits Earned	Grade***	Course #	Desc.	Credits Earned	
Required Courses					Elective & Distributional Requirements			
CS 008	Intro to Web Development	3						
CS 21	Prog 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 148	Database Design for web	3						
CS 224	Algorithm Design + Analysis	3						
CS ≥ 1xx+(recommend 125 for grad sch)		3						
CS ≥ 1xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS 292	Senior Seminar	1						
Subtotal CS (min 44):								
BSAD 30	Decision Analysis	3						
BSAD 60	Accounting	3						
BSAD 61	Accounting	3						
BSAD 120	Management & Org. Behavior	3						
BSAD 150	Marketing Management	3						
BSAD 173	Production & Operations Analysis	3						
BSAD 180	Managerial Finance	3						
BSAD ≥ 1XX		3						
Subtotal BSAD (min 24):								
Economics 11		3						
Economics 12		3						
Subtotal EC (min 6):								
Math 021	Calculus I	4						
Math 022	Calculus II	4						
STAT 143	Statistics for Engineers	3						
STAT 151 or CS 128		3						
Subtotal MATH & STAT (min 14):								
Natural Science		3						
Natural Science w/lab		4						
Subtotal Natural Sciences (min 7):								

*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 list of approved Natural Science courses.

***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

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/>