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

Course # Description	Course Credits	Credits Earned	Grade***	Course # Desc.	Credits Earned	
Required Courses				**Elective & Distributional Requirements**		
CS 008 Intro to Web Development	3				Credits	D1/D2/FW/SU*
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 $\geq$ 1xx+(recommend 125 for grad sch)	3					
CS $\geq$ 1xx	3					
CS $\geq$ 2xx	3					
CS $\geq$ 2xx	3					
CS $\geq$ 2xx	3					
CS 292 Senior Seminar	1					
Subtotal CS (min 44, max 60):						
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 $\geq$ 1XX	3			**Subtotal:**		
Subtotal BSAD (min 24):						

*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

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):			

Credit Summary
Total Credits Required (120 min)

Natural Science	3		
Natural Science w/lab	4		
Subtotal Natural Sciences (min 7):			

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/

*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.