Student:	Date:
netID:	Advisor:

Year 1

Semester 1	Cr	Status	Semester 2	Cr	Status
QD: CS 1210 - Computer Programming I*	3		CS 2100 - Intermediate Programming* *CS 1210*	4	
MA: MATH 1234 - Calculus I*	4		CS 1640 - Discrete Structures *CS 1210 or CS 2100; MATH 1234 or MATH 1242*	3	
CS Elective at Any Level	3		MA: MATH 1248 - Calculus II[+] *MATH 1234*	4	
CEMS 1500 - CEMS First Year Seminar	1		HCOL 1500 - FY Research Presentation Sem	3	
CS 1500 - Seminar for New CS Majors	1		Natural Science	3	
Catamount Core (WIL1): HCOL 1000 - FY Writing Seminar	3				
Total credits	15		*Total credits*	17	

Year 2

Semester 1	Cr	Status	Semester 2	Cr	Status
CS 2240 - Data Struc & Algorithms *CS 2100*	3		WIL2: CS 2300 - Advanced Programming *CS 2240*	3	
CS 2210 - Computer Organization *CS 2100*	3		CS 2250 - Computability & Complexity *CS 1640 or MATH 2055; Pre/ Coreq: CS 2240*	3	
STAT 2430 - Statistics for Engineering *MATH 1224 or MATH 1234*	3		STAT 2510 - Applied Probability *MATH 1248 or MATH 1242*	3	
MATH 2248, 2522 or 2544, 2678, 3201 *See Catalogue*	3-4		MATH 2248, 2522 or 2544, 2678, 3201 *See Catalogue*	3-4	
Catamount Core	3		Catamount Core	3	
HCOL 2000 - Sophomore Seminar	3		HCOL 2000 - Sophomore Seminar	3	
Total credits	18-19		*Total credits*	18-19	

Year 3

Semester 1	Cr	Status	Semester 2	Cr	Status
CS 3010 - Operating Systems *CS 2300; CS 2210*	3		CS 3240 - Algorithm Design & Analysis *CS 2240; Recommended: CS 2250; STAT 2430 or STAT 2510*	3	
CS Elective (2000 Level)	3		CS Elective (2000 Level)	3	
Natural Science w/ Lab	4		CS Elective (3000 Level)	3	
Catamount Core	3		Catamount Core	3	
Free Elective	3		Free Elective	3	
CEMS 2010 - HCOL Research Experience	1		CEMS 2020 - Research Thesis Proposal	1	
Total credits	17		*Total credits*	16	

Year 4

Semester 1	Cr	Status	Semester 2	Cr	Status
CS 3920 - Senior Seminar	1		CS Capstone Experience	3	
CS Elective (CS 4996 - Honors Thesis)	3		CS Elective (CS 4996 - Honors Thesis)	3	
Catamount Core	3		Catamount Core	3	
Free Elective	3		Catamount Core	3	
Free Elective	3		Free Elective	3	
Total credits	13		*Total credits*	15	

Minimum Total Credits Required for Degree: 120

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 2023-2024 found at http://catalogue.uvm.edu/

Prerequisite courses are listed below the course name in italics. Prerequisites listed are only for courses, as relevant to your specific degree program, and may have other registration restrictions. Please refer to the catalogue.

* Grade of C- or higher required

[+]If you plan on taking Calculus III, a grade of C- or higher is required

Natural Science: Please refer to your degree audit to see course options.

CS Elective: Please refer to your degree audit to see course options.

CS Capstone Experience: A comprehensive, project-based experience, typically occurring during the Senior year, that draws from the full breadth of skills and knowledge developed throughout a student's undergraduate program. Please refer to degree audit for options

Catamount Core: Students may take courses that fulfill more than one Catamount Core requirement, but they must still take at least 40 unique credits of courses that have been approved to fulfill Catamount Core requirements.

Students are encouraged to overlap Catamount Core requirements with their PLHC required courses (HCOL 1500 and both HCOL 2000 courses)