BACHELOR OF SCIENCE IN COMPUTER SCIENCE & INFORMATION SYSTEMS

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	
ECON 1400 - Principles of Macroeconomics	3		ECON 1450 - Principles of Microeconomics	3	
CEMS 1500 - CEMS First Year Seminar	1		MA: MATH 1248 - Calculus II *MATH 1234*	4	
CS 1500 - Seminar for New CS Majors	1		Natural Science	3	
CS 1080 - Intro to Web Site Development	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	
BUS 1610 - Financial Accounting *ECON 1400 or ECON 1450*	3		BUS 2620 - Managerial Accounting *BUS 1610*	3	
QD: STAT 2430 - Statistics for Engineering *MATH 1234*	3		QD: BUS 2130 - Decision Analysis *MATH 1234; STAT 2430*	3	
CS 2210 - Computer Organization *CS 2100* **OR** Catamount Core (WIL 1): ENGL 1001 - Written Expression	3		CS 2480 - Database Design for Web *CS 1080; CS 1210*	3	
Catamount Core (Diversity 1 or Diversity 2)	3		Catamount Core (WIL 1): ENGL 1001 - Written Expression **OR** CS 2210 - Computer Organization *CS 2100*	3	
Total credits	15		*Total credits*	15	

Year 3

Semester 1	Cr	Status	Semester 2	Cr	Status
BUS 2300 - Leadership & Org Behavior *ECON 1400 or ECON 1450*	3		CS 3240 - Algorithm Design & Analysis *CS 2240; Recommended: CS 2250; STAT 2430 or STAT 2510*	3	
BUS 2500 - Marketing Management *ECON 1450; MATH 1234; STAT 1410 or STAT 2430*	3		BUS 2700 - Operations Management *BUS 2130; BUS 1610; MATH 1234; STAT 2430*	3	
CS Elective (2000 Level)	3		CS Elective (2000 Level)	3	
Catamount Core (Diversity 1)	3		Natural Science w/ Lab	4	
Catamount Core (AH Arts & Humanities)	3		Catamount Core (SU Sustainability)	3	
Total credits	15		*Total credits*	16	

Year 4

Semester 1	Cr	Status	Semester 2	Cr	Status
CS 3920 - Senior Seminar	1		Capstone Experience	3	
STAT 2510 - Applied Probability *MATH 1224 or MATH 1248 or MATH 1242*	3		BUS Elective (2000 Level or above)	3	
BUS 2800 - Managerial Finance *BUS 1610; STAT 2430*	3		CS Elective (3000 Level)	3	
CS Elective (3000 Level)	3		Catamount Core (AH Arts & Humanities)	3	
Catamount Core (GC Global Citizenship)	3		Free Elective	2	
Total credits	13		*Total credits*	14	

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

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

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

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

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 your degree audit to see course 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 apSproved to fulfill Catamount Core requirements.