

B.S. Information Technology Transfer Pathway | 3 Concentrations

We have partnered with **Manchester Community College** to offer a Pathways Program that allows you to seamlessly transfer to Granite State College. Use this document to maximize your transfer credit at your community college and prepare for your bachelor's degree at Granite State College.

WHY GRANITE STATE COLLEGE?

- Accepts up to 90 credits in transfer
- Top-ranked among the nation's Best Online Bachelor's Degree Programs by *U.S. News & World Report*
- Built for students balancing work, school, and other commitments

ELIGIBLE MAJORS

This pathway is best suited for those with an associate degree in in Computer Science, Computer Science and Innovation, Liberal Arts, or a closely related field.

COURSES TO TAKE AT MCC	GSC EQUIVALENTS
CIS 118M Introduction to Programming using VB.NET	CMPL 515 Programming Fundamentals
MATH 202M Probability & Statistics	MATH 504 Statistics
CYBD 100M Introduction to Cybersecurity	CMPL 525 Foundations in Cybersecurity

These courses fulfill critical degree requirements for this degree at Granite State College. We accept many additional courses from CCSNH institutions.

COURSES TO TAKE AT GRANITE STATE COLLEGE	
	CMPL 612 Advanced Software Tools
	CMPL 614 Computer and Network Systems
	CMPL 622 Human Computer Interaction
	CMPL 620 Virtualization and Cloud Computing
	CRIT 602 Advanced Critical Analysis and Strategic Thinking
	IDIS 601 Interdisciplinary Seminar
	MGMT 622 Database Management Systems
	MGMT 623 Systems Analysis and Design
Elective Credit:	As needed to reach 120 total credits
Capstone:	CMPL 650 Integrative Capstone: Best Practices in Information Technology
Concentration Credit:	See next page for requirements. <i>Note: Some of the concentration courses may have equivalent courses in parentheses.</i>

An advisor at Granite State College will provide you with the best possible guidance for course selections each term.

PLEASE NOTE

- Granite State College accepts up to 90 credits in transfer
- Courses must be completed with a grade of "C" or better to be eligible for transfer credit
- Students who lack the courses from their community college can take equivalent courses at Granite State College in lieu of elective courses
- Additional degree requirements may be met in transfer by courses taken in the associate degree
- Course titles, names, and/or sequencing are subject to change
- Please note that four Upper Level (600-level) courses in your major MUST be taken at Granite State College

ADDITIONAL COURSES | ENTREPRENEURSHIP, DATA ANALYTICS, AND SOFTWARE DEVELOPMENT CONCENTRATIONS

Concentration in Entrepreneurship			
ENT 500	The Entrepreneurial Mindset	ENT 607	Legalities and Ethics of Entrepreneurship
ENT 600	Launching and Managing Entrepreneurial Ventures	ENT 611	Entrepreneurial Marketing
ENT 603	Entrepreneurial Finance		
Concentration in Data Analytics			
DATA 510	Introduction to Data Analytics	DATA 620	Data Analytics in Business Intelligence
DATA 520	Data Mining, Cleaning, and Visualization	DATA 630	Advanced Data Analytics
DATA 610	Data Analytics and Technologies		
Concentration in Software Development			
CMPL 530	Introduction to Programming with Python (<i>CSC 124: Programming Logic and Design with Python</i>)	CMPL 633	Mobile Application Development (<i>DGA 259: Interface Design</i>)
CMPL 537	Intermediate Programming with Python	CMPL 638	Web Application Development (<i>DGA 259: Interface Design</i>)
CMPL 625	Advanced Programming with Python		