



## Manchester Community College to Southern New Hampshire University Online

- Students who transfer with a conferred associates degree are entitled to a 10% tuition reduction accessed through mySNHU.edu.
- This guide serves as a mapping tool for students. Individual student evaluations will vary.
- Please contact Admission at 1-800-668-1249 or University Partnerships at [partnersupport@snhu.edu](mailto:partnersupport@snhu.edu).
- To ensure you are referencing the most current pathway for your program at SNHU, please visit [www.snhu.edu/admission/transferring-credits/community-college-partnerships](http://www.snhu.edu/admission/transferring-credits/community-college-partnerships)

Manchester Community College AS Computer Science and Innovation Course Requirements	Cr	Southern New Hampshire University Online BS Computer Science	Cr
<b>Courses in bold are the associate degree required courses.</b>		<b>General Education Core Requirements</b>	<b>42</b>
<b>ENGL110M College Composition I</b>	3	ENG 122 English Composition I	3
ENGL220M College Composition II	3	ENG 123 English Composition II	3
<b>MATH171M Pre-Calculus</b>	3	MAT 142 Precalculus with Limits	3
ENGL201M, 202M, 214M, 225M, 227M, or SOCI145M	3	Any 300/400 level HIS, LIT, IDS, PHL, POL, PSY, SCS, SOC, ENG, and 60 or more credits.	3
<b>Social Science Elective (Except ARTS, GEOG, and HIST)</b>	3	ESBS: Social and Behavioral Sciences Requirement (ATH, ECO, HSE, CJ/JUS, POL, PSY, SCS, SOC, SST)	3
Social and Behavioral Sciences Elective (ANTH, ECON, POLS, PSYC, SOCI)	3	ESBS: Social and Behavioral Sciences Requirement (ATH, ECO, HSE, CJ/JUS, POL, PSY, SCS, SOC, SST)	3
MATH204M Calculus I	3	MAT 225 Calculus I: Single-Variable Calculus	3
MATH202M Probability and Statistics	3**	MAT 241 Modern Statistics with Software OR MAT 243 Applied Statistics for Science, Technology, Engineering, and Mathematics (STEM)	3
History (HIST) Elective	3	Professional Comm. and Career Planning or History (HIS or HIS 100)	3
<b>English Literature/Philosophy Elective</b>	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
Fine Arts and Humanities Elective (ASL, ARTS, ENGL, FREN, HIST, HUMA, PHIL, SPAN)	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
<b>CIS105M Introduction to Computer Science</b>	3	General Education Elective (EGED) or EHIS: History Requirement (HIS or HIS 200)	3
<b>MATH155M College Algebra with Trigonometry</b>	3	IDS 100 or Introductory Humanities Course with ENG, FAS, HIS, HUM, LIT, MUS, or PHL prefixes (not ENG COMP), or Free Elective for students transferring 12+ credits	3
<b>Apps Elective: CIS107M OR CIS108M</b>	3	SNHU 107 or Free Elective for students transferring 12+ credits	3

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Manchester Community College AS Computer Science and Innovation Course Requirements	Cr	Southern New Hampshire University Online BS Computer Science	Cr
<b>Manchester Community College Courses</b>		<b>SNHU Major Course Requirements</b>	<b>39</b>
<b>Directed: CIS126M Introduction to Python</b>	3	CS 110 Fundamentals of Programming OR IT 140 Introduction to Scripting	3
		CS 210 Programming Languages OR CS 217 Object Oriented Programming	3
<b>CIS210M Data Structures and Elementary Algorithms</b>	3	CS 218 Data Structure and Algorithms OR CS 300 Data Structures and Algorithms: Analysis and Design	3
		CS 231 Database Systems OR DAD 220 Intro to Structured Database Environ.	3
		CS 230 Operating Platforms	
		CS 250 Software Development Lifecycle	3
		CS 255 System Analysis and Design	3
		CS 305 Software Security	3
		CS 320 Software Testing, Automation, and Quality Assurance	3
		CS 330 Computational Graphics and Visualization	3
		CS 340 Client/Server Development	3
		CS 360 Mobile Architecture and Programming	3
		CS 370 Current and Emerging Trends in Computer Science	3
		CS 465 Full Stack Development I	3
CIS148M Intro to Programming Using Java	3	IT 145 Foundation in Application Development	3
MATH218M Introduction to Linear Algebra	3	MAT 350 Applied Linear Algebra	3
		CS 490 Computer Science Internship OR CS 499 Computer Science Capstone	3
<b>MATH170M Discrete Mathematics</b>	3	MAT 230 Discrete Mathematics OR MAT 239 Mathematics for Computing	3
<b>Directed: PHYS210M University Physics I</b>	3	PHY 150 Introductory Physics: Mechanics OR PHY 215 Physics I	3
<b>Manchester Community College Courses</b>		<b>Computer Science Electives or Concentration Options. Consult with your SNHU Advisor for available course equivalencies</b>	<b>12</b>
<b>CIS220M Object-Oriented Programming</b>	3	4 courses from CS, CYB, DAD, DAT, GAM, or IT within the 300 - 499 range	12
<b>Manchester Community College Courses</b>		<b>SNHU Free Electives</b>	<b>9</b>
<b>Technical Elective</b>	3		
<b>CSCN220M Entrepreneurship in Comp. Science</b>	3		
<b>ACCT113M Intro to Acc. and Fin. Reporting I</b>	3		
<b>Manchester Community College Degree Credits</b>	<b>45-72</b>	<b>SNHU Online BS Computer Science Credits Required</b>	<b>120</b>

*\*\*Students who complete both CIS126M & MATH202M with a grade of C- or better and within the last 10 years will have their MATH202M course used to satisfy their MAT-243 requirement at SNHU*

## **Transfer Credit Policy**

\* Excess general education credits are transferred as free elective credit, if available.

- This guide serves as a mapping tool for students and is based upon SNHU Online's 2022/2023 Academic Catalog at time of enrollment and this institution's equivalent academic year. Transfer equivalents earned prior or subsequent to this academic year will be evaluated on a case-by-case basis for transfer equivalency.
- Students must earn a grade of C- or better for course transfer.
- Students may transfer up to 90 credits if previous credits earned meet SNHU Online's degree requirements and academic standards for transfer.
- Students must take at least 30 credits (10 classes) at SNHU Online to be awarded a bachelor's degree.

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