



Lehigh Carbon 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.
- 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

Lehigh Carbon Community College AS Computer Science Course Requirements	Cr	Southern New Hampshire University Online BS Computer Science	Cr
Courses in bold are the associate degree required courses.		General Education Core Requirements	42
ENG105 Research and Composition	3	ENG 122 English Composition I	3
		ENG 123 English Composition II	3
MAT196 Calculus and Analytic Geometry II	3**	MAT 142 Precalculus with Limits	3
BUS246, HUS160, PSC142, PSY120, 242, 250, SOC250, 251	3	Any 300/400 level HIS, LIT, IDS, PHL, POL, PSY, SCS, SOC, ENG, and 60 or more credits.	3
Social Science Elective	3	ESBS: Social and Behavioral Sciences Requirement (ATH, ECO, HSE, CJ/JUS, POL, PSY, SCS, SOC, SST)	3
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MAT191 Calculus and Analytic Geometry	3	MAT 225 Calculus I: Single-Variable Calculus	3
MAT150 Intro to Probability and Statistics OR BUS150 Business Statistics	3**	MAT 241 Modern Statistics with Software OR MAT 243 Applied Statistics for Science, Technology, Engineering, and Mathematics (STEM)	3
History (HIS) Elective	3	Professional Comm. and Career Planning or History (HIS or HIS 100)	3
ENG106 Introduction to Literature	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
Humanities Elective (Except HIS)	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
CIS105 Intro to Computers and Applications	3	General Education Elective (EGED) or EHis: History Requirement (HIS or HIS 200)	3
CIS225 Computer Organization and Architecture	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
CIS255 Database Environment	3	SNHU 107 or Free Elective for students transferring 12+ credits	3

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Lehigh Carbon Community College Courses		SNHU Major Course Requirements	39
CIS134 Object-Oriented Programming with Python	3	CS 110 Fundamentals of Programming OR IT 140 Introduction to Scripting	3
CIS155 Intro to Computer Science - Structured Programming - C++	3	CS 210 Programming Languages OR CS 217 Object Oriented Programming	3
CIS165 Data Structures - C++	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
CIS172 Java I	3	IT 145 Foundation in Application Development	3
MAT210 Linear Algebra	3	MAT 350 Applied Linear Algebra	3
		CS 490 Computer Science Internship OR CS 499 Computer Science Capstone	3
MAT203 Discrete Mathematics	3	MAT 230 Discrete Mathematics OR MAT 239 Mathematics for Computing	3
PHY201 Intro to Physics I OR PHY210 General Physics I	3	PHY 150 Introductory Physics: Mechanics OR PHY 215 Physics I	3
Lehigh Carbon Community College Courses		Computer Science Electives or Concentration Options. Consult with your SNHU Advisor for available course equivalencies	12
		4 courses from CS, CYB, DAD, DAT, GAM, or IT within the 300 - 499 range	12
Lehigh Carbon Community College Courses		SNHU Free Electives	9
CIS250 Operating Systems	3		
ENG111 Speech	3		
Laboratory Science	3		
Lehigh Carbon Community College Degree Credits	51-69	SNHU Online BS Computer Science Credits Required	120

***Students who complete both MAT191 & 196 with a grade of C- or better and within the last 10 years will have their MAT196 course used to satisfy their MAT140 requirement at SNHU*

***Students who complete both MAT150 OR BUS150 & CIS134 with a grade of C- or better and within the last 10 years will have their MAT/BUS150 course used to satisfy their MAT243 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.

SY 7/22