Holyoke 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

Holyoke Community College AS Computer Info Systems - 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**
ENG101 Composition I	3	ENG 122 English Composition I	3
ENG102 Composition II	3	ENG 123 English Composition II	3
MTH114 Calculus II**	3	MAT 142 Precalculus with Limits	3
ENG231, ENG237, PHI140, POL120, PSY215, PSY210, PSY260, SOC204, OR SOC220	3	Any 300/400 level HIS, LIT, IDS, PHL, POL, PSY, SCS, SOC, ENG, and 60 or more credits.	3
Social Science Elective (ANT, CRJ, ECN, HSV, POL, PSY, SOC, & WST)	3	ESBS: Social and Behavioral Sciences Requirement (ATH, ECO, HSE, CJ/JUS, POL, PSY, SCS, SOC, SST)	3
Social Science Elective (ANT, CRJ, ECN, HSV, POL, PSY, SOC, & WST)	3	ESBS: Social and Behavioral Sciences Requirement (ATH, ECO, HSE, CJ/JUS, POL, PSY, SCS, SOC, SST)	3
MTH113 Calculus I	3*	MAT 225 Calculus I: Single-Variable Calculus	3
MTH142 Statistics**	3	MAT 241 Modern Statistics with Software OR MAT 243 Applied Statistics for Science, Technology, Engineering, and Mathematics (STEM)	3
Humanities Elective (HIS)	3	Professional Comm. and Career Planning or History (HIS or HIS 100)	3
Humanities Elective (ART*, ASL, ENG, FRH, HIS, HUM, LAX208, MUS, PHI, SPA, THE)	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
Humanities Elective (ART*, ASL, ENG, FRH, HIS, HUM, LAX208, MUS, PHI, SPA, THE)	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
Social Science Elective (ANT, CRJ, ECN, GEO, HSV, POL, PSY, SOC, & WST)	3	General Education Elective (EGED) or EHIS: History Requirement (HIS or HIS 200)	3
CSI111 Computer Concepts with Applications	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
CSI218 Programming Fundamentals II	3*	SNHU 107 or Free Elective for students transferring 12+ credits	3

Holyoke Community College AS Computer Info Systems - Computer Science Course Requirements	Cr	Southern New Hampshire University Online BS Computer Science	Cr
Holyoke Community College Courses		**SNHU Major Course Requirements**	**57**
CSI106 Programming Fundamentals I	3*	CS 110 Fundamentals of Programming OR IT 140 Introduction to Scripting	3
		CS 210 Programming Languages OR CS 217 Object Oriented Programming	3
CSI258 Data Structures	3*	CS 218 Data Structure and Algorithms OR CS 300 Data Structures and Algorithms: Analysis and Design	3
CSI242 Applied Database Management	3	CS 231 Database Systems OR DAD 220 Intro to Structured Database Environ.	3
		CS 230 Operating Platforms	3
		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
CSI254 Java Programming I	3*	IT 145 Foundation in Application Development	3
MTH205 Linear Algebra	3	MAT 350 Applied Linear Algebra	3
		CS 490 Computer Science Internship OR CS 499 Computer Science Capstone	3
Directed: MTH230 Discrete Mathematics	3*	MAT 230 Discrete Mathematics OR MAT 239 Mathematics for Computing	3
PHS111 Physics for Engineers and Science Majors I	3*	PHY 150 Introductory Physics: Mechanics OR PHY 215 Physics I	3
Holyoke Community College Courses		**Computer Science Electives or Concentration Options.** **Consult with your SNHU Advisor for available course equivalencies**	**12**
CSI214 Systems Analysis & Design	3	4 courses from CS, CYB, DAD, DAT, GAM, or IT within the 300 - 499 range	12
Holyoke Community College Courses		**SNHU Free Electives**	**12****
PHS112 Physics for Engineers and Science Majors II	4		
Excess Credits from 4 Credit Courses	8		
Holyoke Community College Degree Credits	**63-75**	**SNHU Online BS Computer Science Credits Required**	**123****

*Except ART130, 261, & 262

**Students who complete both MATH113 & 114 with a grade of C- or better and within the last 10 years will have their MTH142 course used to satisfy their MAT142 requirement

**Students who complete both MTH142 & CSI254 or 218 with a grade of C- or better and within the last 10 years will have their MTH142 course used to satisfy their MAT243 requirement

**3 credits will be added to Free Electives and program total to account for students' MAT142 & 243 waivers

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.

KH 7/22