

Union College of Union County, NJ 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

Union College of Union County, NJ 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
Philosophy (PHI) Elective	3	EETH: Ethical Thought and Equity (ETH, PHL)	3
Humanities Gen Ed Requirement (Except PHI)	3	ECCE: Creative and Critical Expression (COM, ENG, FAS, HUM, LAN, LAR, LAS, LFR, LIT, LMN, LSP, MUS, except ENG 120, 121, 122, 123, 130, 190, 200)	3
History (HIS) Elective	3	EHPS: Historical Perspectives (CIV, HIS)	3
MAT172 Unified Calculus II**	3*	MAT 142 Precalculus with Limits	3
MAT171 Unified Calculus I	3*	MAT 225 Calculus I: Single-Variable Calculus	3
Social Science Gen Ed Requirement (Except GEO)	3	ESPE: Contexts in Shaping the Self in Society (ATH, CJ, ECO, HSE, JUS, POL, PSY, SCS, SOC)	3
Social Science Gen Ed Requirement (Except GEO) OR Humanities Gen Ed Requirement	3	Exploration Elective: Take 1 course from the five Exploration categories above (EETH, ECCE, EHPS, ESMF, ESPE)	3
ENG205-208, 235, PSY205, 207, SOC206, 273	3	Any 300/400 level HIS, LIT, IDS, PHL, POL, PSY, SCS, SOC, ENG, and 60 or more credits	3
		Social Justice (CSOJ) or Sustainability (CSST) (SST or ENV)	3
Computer Science & Technology (CST) Elective	3	Social Justice (CSOJ), Humanities (CHUM), Sustainability (CSST), or an Exploration Elective for students transferring 12+ credits	3
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ENG101 English Composition I	3	ENG 120 English Composition I or ENG 130 Foundations of Written Communication	3
ENG102 English Composition II	3	ENG 190 Research and Persuasion or ENG 200 Sophomore Seminar	3
MAT127 Elementary Statistics	3*	MAT 241 Modern Statistics with Software OR MAT 243 Applied Statistics for Science, Technology, Engineering, and Mathematics	3

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Union College of Union County, NJ Courses		SNHU Major Course Requirements	57
CST161 Computer Programming Fundamentals	3*	CS 110 Fundamentals of Programming OR IT 140 Introduction to Scripting	3
		CS 210 Programming Languages OR CS 217 Object Oriented Programming	3
CST261 Data Structures	3*	CS 218 Data Structure and Algorithms OR CS 300 Data Structures and Algorithms: Analysis and Design	3
CST204 Database Management Systems	3	CS 231 Database Systems OR DAD 220 Intro to Structured Database Environ.	3
CST226 Introduction to Operating Systems	3	CS 230 Operating Platforms	3
		CS 250 Software Development Lifecycle	3
CST202 Systems Analysis and Design	3	CS 255 System Analysis and Design	3
		CS 305 Software Security	3
		CS 320 Software Testing, Automation, and QA	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
CST162 Computer Algorithms	3*	IT 145 Foundation in Application Development	3
MAT265 Linear Algebra	3	MAT 350 Applied Linear Algebra	3
		CS 490 Computer Science Internship OR CS 499 Computer Science Capstone	3
MAT267 Discrete Mathematics	3	MAT 230 Discrete Mathematics OR MAT 239 Mathematics for Computing	3
PHY111 Mechanics	3	PHY 150 Introductory Physics: Mechanics OR PHY 215 Physics I	3
Union College of Union County, NJ Courses		Computer Science Electives or Concentration Options. Consult with your SNHU Advisor for available course equivalencies	12
4 200-level CST and/or GDP Electives	12	Take 12 credits from Subjects: CS, CYB, DAD, DAT, GAM, or IT at 200-400 Level	12
Union College of Union County, NJ Courses		SNHU Free Electives	12**
PHYL111 Mechanics Laboratory	1		
Computer Science & Technology (CST) Elective	3		
Excess Credits from 4 Credit Courses	5		
Free Elective(s)	3		
Union College of Union County, NJ Degree Credits	60-87	SNHU Online BS Computer Science Credits Required	123

**Students who complete both MAT171 & 172 with a grade of C- or better and within the last 10 years will have their MAT172 course used to satisfy their MAT142 requirement at SNHU and 3 credits added to Free Electives.

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 2023/2024 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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