

Sinclair 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

Sinclair 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
Arts and Humanities: Philosophy Elective	3	EETH: Ethical Thought and Equity (ETH, PHL)	3
COM2211 Effective Public Speaking	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
Multicultural Elective: History Elective (HIS)	3	EHPS: Historical Perspectives (CIV, HIS)	3
Directed Math: MATH1580 Precalculus	3*	MAT 142 Precalculus with Limits	3
Directed Math: MATH2270 Calculus & Analytic Geometry I	3*	MAT 225 Calculus I: Single-Variable Calculus	3
Social & Behavioral Sciences (Except GEO & HIS2219)	3	ESPE: Contexts in Shaping the Self in Society (ATH, CJ, ECO, HSE, JUS, POL, PSY, SCS, SOC)	3
Social & Behavioral Sciences (Except GEO & HIS2219)	3	Exploration Elective: Take 1 course from the five Exploration categories above (EETH, ECCE, EHPS, ESMF, ESPE)	3
Directed Arts and Humanities: LIT2211 American Literature I	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
Natural & Physical Sciences Elective	3	Social Justice (CSOJ), Humanities (CHUM), Sustainability (CSST), or an Exploration Elective for students transferring 12+ credits	3
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ENG1101 English Composition I	3	ENG 120 English Composition I or ENG 130 Foundations of Written Communication	3
ENG1201 English Composition II	3	ENG 190 Research and Persuasion or ENG 200 Sophomore Seminar	3
Directed Math: MAT1450 Intro Statistics	3*	MAT 241 Modern Statistics with Software OR MAT 243 Applied Statistics for Science, Technology, Engineering, and Mathematics	3

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Sinclair Community College Courses		SNHU Major Course Requirements	57
Directed: CIS2266 Python for Data Analytics	3	CS 110 Fundamentals of Programming OR IT 140 Introduction to Scripting	3
		CS 210 Programming Languages OR CS 217 Object Oriented Programming	3
CIS2207 Data Structures & Algorithms	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	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
CIS2212 Java Software Development	3	IT 145 Foundation in Application Development	3
Directed Math: MAT2320 Linear Algebra	3	MAT 350 Applied Linear Algebra	3
		CS 490 Computer Science Internship OR CS 499 Computer Science Capstone	3
Directed Math: MAT2570 Discrete Math	3*	MAT 230 Discrete Mathematics OR MAT 239 Mathematics for Computing	3
Directed Natural & Physical Sciences: PHY1141 College Physics	3*	PHY 150 Introductory Physics: Mechanics OR PHY 215 Physics I	3
Sinclair Community College Courses		Computer Science Electives or Concentration Options. Consult with your SNHU Advisor for available course equivalencies	12
CIS1111 Intro to Problem Solving CIS2217 Java Software Development II	7	Take 12 credits from Subjects: CS, CYB, DAD, DAT, GAM, or IT at 200-400 Level	12
Sinclair Community College Courses		SNHU Free Electives	9
Excess Credits from 4-Credit Courses	7		
Free Electives	2		
Sinclair Community College Degree Credits	61-72	SNHU Online BS Computer Science Credits Required	120

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.