



Great Bay 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

Great Bay Community College AS Computer Technologies 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
Directed: ENGL110G College Composition I	3*	ENG 122 English Composition I	3
Directed English: ENGL214G Introduction to Creative Nonfiction	3	ENG 123 English Composition II	3
Directed Liberal Arts: MATH210G Pre-Calculus	3	MAT 142 Precalculus with Limits	3
SOC120G Society and Technological Change	3	Any 300/400 level HIS, LIT, IDS, PHL, POL, PSY, SCS, SOC, ENG, and 60 or more credits.	3
ANTH105G Intro to Ethnography: World of Work	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, PSYC, SOCI)	3	ESBS: Social and Behavioral Sciences Requirement (ATH, ECO, HSE, CJ/JUS, POL, PSY, SCS, SOC, SST)	3
MATH230G Calculus I	3	MAT 225 Calculus I: Single-Variable Calculus	3
MATH225G Probability and Statistics OR MATH235G Stats for Engineers and Scientists	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
Humanities/Fine Arts Elective	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
Directed Elective: BUS210G Organizational Communications	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
CIS111G Computer Technologies	3	General Education Elective (EGED) or EHIS: History Requirement (HIS or HIS 200)	3
IS122G Intro to Networks OR IST112G Applied Logic	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
Technical Elective	3	SNHU 107 or Free Elective for students transferring 12+ credits	3

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Great Bay Community College AS Computer Technologies Course Requirements	Cr	Southern New Hampshire University Online BS Computer Science	Cr
Great Bay Community College Courses		SNHU Major Course Requirements	39
Directed: CIS177G Intro to Python Programming	3	CS 110 Fundamentals of Programming OR IT 140 Introduction to Scripting	3
		CS 210 Programming Languages OR CS 217 Object Oriented Programming	3
		CS 218 Data Structure and Algorithms OR CS 300 Data Structures and Algorithms: Analysis and Design	3
CIS113G Database Design and Management	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
Directed Elective: CIS112G Intro to Object Oriented Programming	3	IT 145 Foundation in Application Development	3
MATH245G Introduction to Linear Algebra	3	MAT 350 Applied Linear Algebra	3
		CS 490 Computer Science Internship OR CS 499 Computer Science Capstone	3
MATH170G Discrete Mathematics	3*	MAT 230 Discrete Mathematics OR MAT 239 Mathematics for Computing	3
Directed Lab Science: PHYS135G College Physics I	3	PHY 150 Introductory Physics: Mechanics OR PHY 215 Physics I	3
Great Bay Community College Courses		Computer Science Electives or Concentration Options. Consult with your SNHU Advisor for available course equivalencies	12
Directed Electives: CIS158G Intro to C++ AND IST263G Info Assurance/Info Risk Management	6	4 courses from CS, CYB, DAD, DAT, GAM, or IT within the 300 - 499 range	12
Great Bay Community College Courses		SNHU Free Electives	9
Technical Elective	6		
Excess Credit from 4-Credit Courses	3		
Great Bay Community College Degree Credits	61-76	SNHU Online BS Computer Science Credits Required	120

***Students who complete both CIS177G & MATH225G/MATH235G with a grade of C- or better and within the last 10 years will have their MATH225G/MATH235G 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.

SY 7/22