



## Lone Star 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](mailto: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](http://www.snhu.edu/admission/transferring-credits/community-college-partnerships)

Lone Star College AS Computer Science Course Requirements	Cr	Southern New Hampshire University Online BS Computer Science	Cr
<b>Courses in bold are the associate degree required courses.</b>		<b>General Education Core Requirements</b>	<b>42</b>
Philosophy (PHIL) Elective	3	EETH: Ethical Thought and Equity (ETH, PHL)	3
<b>Language, Philosophy &amp; Culture (Except PHIL)</b>	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
<b>HIST1301 United States History I</b>	3	EHPS: Historical Perspectives (CIV, HIS)	3
<b>MATH2414 Calculus II</b>	3**	MAT 142 Precalculus with Limits	3
<b>MATH2413 Calculus I</b>	3	MAT 225 Calculus I: Single-Variable Calculus	3
<b>GOVT2305 Federal Government</b>	3	ESPE: Contexts in Shaping the Self in Society (ATH, CJ, ECO, HSE, JUS, POL, PSY, SCS, SOC)	3
General Education Elective***	3	Exploration Elective: Take 1 course from the five Exploration categories above (EETH, ECCE, EHPS, ESMF, ESPE)	3
BMGT1341, PSYC2316, 2306, or SOCI2301	3	Any 300/400 level HIS, LIT, IDS, PHL, POL, PSY, SCS, SOC, ENG, and 60 or more credits	3
SNHU Course		Social Justice (CSOJ) or Sustainability (CSST) (SST or ENV)	3
<b>COSC1436 Programming Fundamentals I</b>	3*	Social Justice (CSOJ), Humanities (CHUM), Sustainability (CSST), or an Exploration Elective for students transferring 12+ credits	3
<b>CHEM1411 General Chemistry I</b>	3*	Social Justice (CSOJ), Humanities (CHUM), Sustainability (CSST), or an Exploration Elective for students transferring 12+ credits	3
<b>ENGL1301 Composition &amp; Rhetoric I</b>	3	ENG 120 English Composition I or ENG 130 Foundations of Written Communication	3
<b>ENGL1302 Composition &amp; Rhetoric II</b>	3	ENG 190 Research and Persuasion or ENG 200 Sophomore Seminar	3
MATH1342 Statistics	3	MAT 241 Modern Statistics with Software OR MAT 243 Applied Statistics for Science, Technology, Engineering, and Mathematics	3

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<b>Lone Star College Courses</b>		<b>SNHU Major Course Requirements</b>	<b>57</b>
ITSE1371 Intermediate Python Programming	3	CS 110 Fundamentals of Programming OR IT 140 Introduction to Scripting	3
<b>COSC1437 Programming Fundamentals II</b>	3	CS 210 Programming Languages OR CS 217 Object Oriented Programming	3
<b>COSC2436 Programming Fundamentals III</b>	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
ITSE2317 Java Programming	3	IT 145 Foundation in Application Development	3
<b>MATH2318 Linear Algebra</b>	3	MAT 350 Applied Linear Algebra	3
		CS 490 Computer Science Internship OR CS 499 Computer Science Capstone	3
<b>MATH2305 Discrete Mathematics</b>	3	MAT 230 Discrete Mathematics OR MAT 239 Mathematics for Computing	3
<b>PHYS2425 University Physics I</b>	3	PHY 150 Introductory Physics: Mechanics OR PHY 215 Physics I	3
<b>Lone Star College Courses</b>		<b>Computer Science Electives or Concentration Options. Consult with your SNHU Advisor for available course equivalencies</b>	<b>12</b>
<b>COSC2325 Computer Organization</b>	3	Take 12 credits from Subjects: CS, CYB, DAD, DAT, GAM, or IT at 200-400 Level	12
<b>Lone Star College Courses</b>		<b>SNHU Free Electives</b>	<b>9</b>
<b>EDUC1300 Learning Framework: 1st Year Exp.</b>	3		
<b>PHYS2426 University Physics II</b>	4		
<b>Excess Credit from 4-Credit Courses</b>	2		
<b>Lone Star College Degree Credits</b>	<b>54-72</b>	<b>SNHU Online BS Computer Science Credits Required</b>	<b>120</b>

*\*\*Students who complete MATH2413 and MATH2414 with a C- or higher within the past 10 years will have their MATH2414 course satisfy the MAT142 requirement*

*\*\*\*There may be some differences between what is considered a General Education Elective at SNHU and your institution. Please confirm applicability with your SNHU contact.*

## **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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