



## California Community College System 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 Academic Alliances at AcademicAlliances@snhu.edu.

California Community College System AS-T 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>
<b>Directed Area 1: ENGL100 College Com- position</b>	<b>Directed Area A: ENGL100 College Composition</b>	3	ENG 122 English Composition I	3
<b>Directed Area 1: ENGL105 Argument Writing &amp; Critical Thinking</b>	<b>Directed Area A: ENGL105 Argument Writing &amp; Critical Thinking</b>	3	ENG 123 English Composition II	3
MATH151 College Algebra for STEM		3	MAT 136 Introduction to Quantitative Analysis	3
<b>Area 1: Oral Comm.</b>	<b>Area A: Oral Comm.</b>	3	SNHU 107 or Free Elective	3
<b>Area 5 Elective</b>	<b>Area B Elective</b>	3	IDS 100 or Free Elective	3
<b>Directed Area 3: ART, Dance, MUS, Theater Arts Options</b>	<b>Directed Area C: ART, Dance, MUS, Theater Arts Options</b>	3	EFAH: Fine Arts and Humanities Requirement	3
<b>Directed Area 3: ART, Dance, MUS, Theater Arts Options</b>	<b>Directed Area C: ART, Dance, MUS, Theater Arts Options</b>	3	EFAH: Fine Arts and Humanities	3
<b>Directed Area 4: Anth, Eco, Poli Sci, Psy, Soci</b>	<b>Directed Area D: Anth, Eco, Poli Sci, Psych, Soci Options</b>	3	ESBS: Social and Behavioral Sciences	3
<b>Directed Area 4: Anth, Eco, Poli Sci, Psy, Soci</b>	<b>Directed Area D: Anth, Eco, Poli Sci, Psych, Soci Options</b>	3	ESBS: Social and Behavioral Sciences	3
<b>Directed: MATH220 Single Variable Calculus II**</b>		3	MAT 140 Precalculus (ESTM)	3
SNHU Course			MAT 243 Applied Statistics for STEM (ESTM)	3
<b>Directed Area 3: HIST Option</b>	<b>Directed Area C: HIST Option</b>	3	EHIS: History Requirement	3
<b>Directed Area 4: HIST Option</b>	<b>Directed Area C: HIST Option</b>	3	EHIS: History Requirement	3
SNHU Course			Choose 1 Seminar Course: IDS 400/401/402/403/404	3
<b>California Community College System Courses</b>			<b>Core Required Courses</b>	<b>18</b>
COMP122 Programming Concepts & Methodology I		3	IT 140 Introduction to Scripting	3
COMP132 Programming Concepts & Methodology II		3	IT 145 Foundation in Application Development	3
<b>Directed: MATH210 Single Variable Calculus I</b>		3	MAT 225 Calculus I: Single-Variable Calculus	3
<b>PHYS205 Calculus-Based Physics</b>		3	PHY 150 Introductory Physics: Mechanics	3
			MAT 230 Discrete Mathematics	3
MATH250 Linear Algebra		3	MAT 350 Applied Linear Algebra	3

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<b>California Community College System Courses</b>		<b>SNHU Major Course Requirements</b>	<b>39</b>
		CS 210 Programming Languages	3
		CS 260 Data Structures and Algorithms	3
		CS 250 Software Development Lifecycle	3
		CS 230 Operating Platforms	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
		CS 470 Full Stack Development II	3
<b>California Community College System Courses</b>		<b>Computer Science Electives or Concentration Options. Consult with your SNHU Advisor for available course equivalencies</b>	<b>12</b>
<b>COMP142 Computer Architecture &amp; Org.</b>	3	4 courses from CS, CYB, DAD, DAT, GAM, or IT within the 100 - 499 range or SNHU495 Internship	12
<b>California Community College System Courses</b>		<b>SNHU Free Electives</b>	<b>9</b>
<b>PHYS210, BIOL190, BIOL140, OR CHEM110</b>	4-5		
<b>Area E Life Long Learning &amp; Self Dev. Elective</b>	3		
Free Elective	1-2		
<b>California Community College System Degree Credits</b>	<b>60+</b>	<b>SNHU Online BS Computer Science Credits Required</b>	<b>120</b>

Revision: 2019/2020 Academic Year

*\*\*Students who complete both MATH210 and 220 with a grade of C or better and completed within the last 10 years will have their MAT-140 course waived*

*\*CSU General Education Breadth is listed in the right column of the California CC System Column*

*\*IGETC General Education Breadth is listed in the left column of the California CC System Column*

*\*\*"Directed" courses are courses where those course(s) would be more beneficial for transfer than the other options available*

*\* Unbolded courses are additional courses outside of the AD-T curriculum that would also be transferrable to 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 2019/2020 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.