



## Butler County 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](http://www.snhu.edu/admission/transferring-credits/community-college-partnerships)

Butler County Community 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>
<b>ENGL101 College Writing</b>	3	ENG 122 English Composition I	3
<b>ENGL102 Research Writing</b>	3	ENG 123 English Composition II	3
MATH102 Trigonometry & Functions	3	MAT 142 Precalculus with Limits	3
BUSN139 or HLTH115	3	Any 300/400 level HIS, LIT, IDS, PHL, POL, PSY, SCS, SOC, ENG, and 60 or more credits.	3
<b>Economics Elective</b>	3	ESBS: Social and Behavioral Sciences Requirement (ATH, ECO, HSE, CJ/JUS, POL, PSY, SCS, SOC, SST)	3
<b>Group II: Social Sciences Elective (ANTH, ECON, PSYC, SOCI, SOCW, POLI)</b>	3	ESBS: Social and Behavioral Sciences Requirement (ATH, ECO, HSE, CJ/JUS, POL, PSY, SCS, SOC, SST)	3
<b>Directed: MATH221 Calculus &amp; Analytical Geomtetry</b>	3	MAT 225 Calculus I: Single-Variable Calculus	3
MATH107 Elementary Statistics OR BUSN219 Business Statistics	3**	MAT 241 Modern Statistics with Software OR MAT 243 Applied Statistics for Science, Technology, Engineering, and Mathematics (STEM)	3
History Elective	3	Professional Comm. and Career Planning or History (HIS or HIS 100)	3
<b>Group I: Humanities Elective (ENGL, ARTS, MUSC, PHIL, FREN, SPAN)</b>	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
<b>Group I: Humanities Elective (ENGL, ARTS, MUSC, PHIL, FREN, SPAN)</b>	3	EFAH: Fine Arts and Humanities Requirement (ENG, FAS, HIS, HON, HUM, LIT, MUS, PHL, LAR, LAS, LFR, LSP, LAN, LMN)	3
<b>Natural Science Elective with Lab</b>	3	General Education Elective (EGED) or EHis: History Requirement (HIS or HIS 200)	3
<b>BUSN203 Intro to Business</b>	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
<b>HLTH120 Health Science</b>	3	SNHU 107 or Free Elective for students transferring 12+ credits	3

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<b>Butler County Community College Courses</b>		<b>SNHU Major Course Requirements</b>	<b>39</b>
<b>COMP237 Programming Fundamentals</b>	3	CS 110 Fundamentals of Programming OR IT 140 Introduction to Scripting	3
		CS 210 Programming Languages OR CS 217 Object Oriented Programming	3
<b>COMP233 Data Structures and Algorithms</b>	3	CS 218 Data Structure and Algorithms OR CS 300 Data Structures and Algorithms: Analysis and Design	3
<b>Directed: COMP299 Database Systems</b>	3	CS 231 Database Systems OR DAD 220 Intro to Structured Database Environ.	3
		CS 230 Operating Platforms	
		CS 250 Software Development Lifecycle	3
<b>COMP247 Systems Analysis and Design</b>	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
		IT 145 Foundation in Application Development	3
<b>MATH230 Linear Algebra</b>	3	MAT 350 Applied Linear Algebra	3
		CS 490 Computer Science Internship OR CS 499 Computer Science Capstone	3
		MAT 230 Discrete Mathematics OR MAT 239 Mathematics for Computing	3
<b>Directed: PHYS101 Physics I</b>	3	PHY 150 Introductory Physics: Mechanics OR PHY 215 Physics I	3
<b>Butler County Community College Courses</b>		<b>Computer Science Electives or Concentration Options. Consult with your SNHU Advisor for available course equivalencies</b>	<b>12</b>
		4 courses from CS, CYB, DAD, DAT, GAM, or IT within the 300 - 499 range	12
<b>Butler County Community College Courses</b>		<b>SNHU Free Electives</b>	<b>9</b>
<b>COMM201 Speech</b>	3		
<b>COMP101 Computer Info Systems</b>	3		
<b>COMP238 Object Oriented Programming</b>	3		
<b>Butler County Community College Degree Credits</b>	<b>51-69</b>	<b>SNHU Online BS Computer Science Credits Required</b>	<b>120</b>

*\*\*Students who complete MATH107/BUSN219 and COMP237 with a grade of C- or better and within the last 10 years will have their MAT-243 course fulfilled by MATH107 or BUSN219*

## **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