

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Shasta College

SFBU Bachelor of Science in Computer Science (BSCS)

SFBU Bachelor of Science in Computer Science (BSCS)				
SFBU Degree Requirements	Required SFBU course or course category	Specific Shasta College Course(s) (2021 – 2022 Catalog)	<u>CSU GE Breadth</u>¹ equivalent	<u>C-ID</u>² equivalent
English Language & Communications & Critical Thinking (12 semester credits)	ENGL101 Expository Writing	ENGL 1A College Composition or ENGL 1AX College Composition with Support	A2/A3	ENGL100/ ENGL110
	ENGL115 Public Speaking	CMST 60 Public Speaking or CMST 60H Public Speaking – Honors	A1	COMM 110
	ENGL425 Modern American Literature	ENGL 11B Survey of American Literature–1860 To Present	C2	ENGL 135
	3 additional credits in area	Any course with a CSU GE A1, A2 and/or A3 designator	A1/A2/A3	n/a
Mathematics & Natural Sciences (16 semester credits in BSCS)	MATH201 Calculus I	MATH 3A Calculus 3A	n/a	MATH 210
	MATH202 Calculus II	MATH 3B Calculus 3B	n/a	MATH 220
	MATH203 Linear Algebra	MATH 6 Linear Algebra	n/a	MATH 250
	MATH208 Probability and Statistics	MATH 14 Introduction to Statistics or MATH 14S Statistics with Support	n/a	MATH 110
	PHYS201/201L Physics I with Lab	PHYS 4A Physics (Mechanics) or A course with a CSU GE Breadth designator B1 or B2 (with B3 for lab) that earned at least 4 semester units	B1, B3	PHYS 205
Arts & Humanities (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a

¹ Courses without a CSU GE Breadth Designator will be evaluated individually

² Courses without a C-ID designator will be evaluated individually

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Social Sciences (6 semester credits)	6 credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a
Major Course Requirements (65 credits BSCS)				
Core Course Requirements (50 units BSCS)	CE305 Computer Organization	CIS 66 Computer Architecture & Organization	n/a	COMP 142
	CS200 Discrete Logic	CIS 67 Discrete Structures	n/a	COMP 152
	CS230/230L Linux & Shell Scripting/Lab	CIS 72 Fundamentals of Linux <i>(Meets CS230L requirement; SFBU lecture course needed for hour deficiency)</i>	n/a	n/a
	CS360/360L Programming in C & C++/Programming in C and C++ Lab	CIS 65 Programming Concepts & Methodology Using C++ II and <i>(CIS 61 C++ Language Programming or SFBU lecture course needed for hour deficiency)</i>	n/a	n/a
	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	CIS 24 Database Design <i>(Meets CS457L requirement; SFBU lecture course needed for hour deficiency)</i>	n/a	n/a
	CS480/480L Java and Internet Applications/ Java Programming Lab	CIS 62 Java Programming <i>(Meets CS480L requirement; SFBU lecture course needed for hour deficiency)</i>	n/a	n/a
	All other major course requirements not listed above (24 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSCS)	Complete Five Specialization Courses (15 units)	No equivalent courses	n/a	n/a
Electives	15 semester credits in area	15 semester credits Any course identified as transferable to CSU or UC.	n/a	n/a

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Applicants for the **Bachelor of Science in Business Administration (BSBA)** who have successfully completed an ADT, or AA-T, or AS-T pathway as determined by Shasta College with a GPA of 2.5 or higher will be automatically accepted into the BSBA program upon completing their admission documentation. The number of units transferable into the BSBA depends on the topic area in which the ADT, AA-T, or AS-T was earned.

SFBU Bachelor of Science in Business Administration (BSBA)					
SFBU Degree Requirements	Required SFBU course or course category	Specific Shasta College Course(s) (2021 – 2022 Catalog)	CSU GE Breadth ¹ equivalent	C-ID ² equivalent	
General Education Requirements (36 semester Units)	English Language & Communications & Critical Thinking (12 semester credits)	ENGL101 Expository Writing	ENGL 1A College Composition or ENGL 1AX College Composition with Support	A2/A3	ENGL100/ ENGL110
		ENGL115 Public Speaking	CMST 60 Public Speaking or CMST 60H Public Speaking – Honors	A1	COMM 110
		ENGL425 Modern American Literature	ENGL 11B Survey of American Literature–1860 To Present	C2	ENGL 135
		3 additional credits in area	Any course with a CSU GE A1, A2 and/or A3 designator	A1/A2/A3	n/a
	Mathematics & Natural Sciences (9 semester credits in BSBA)	MATH208 Probability and Statistics	MATH 14 Introduction to Statistics or MATH 14S Statistics with Support	n/a	MATH 110
		PHYS101 Introduction to Physical Sciences	PHYS 2A General College Physics or transfer courses acceptable in lieu of: Physical Sciences or Biological Sciences (CSU areas B1, B2 or IGETC areas 5A, 5B)	B1, B2	n/a
		3 additional credits in area	Any course with a CSU GE Breadth designator B1, B2, B3, and/or B4	B1/B2/B3/ B4	n/a
	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a	

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Arts & Humanities (6 semester credits)				
Social Sciences (9 semester credits)	9 credits in area	9 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a
Major Course Requirements (60 credits BSBA)				
Core Course Requirements (45 credits BSBA)	ACC110 Financial Accounting I	ACCT 2 Introduction to Financial Accounting	n/a	ACCT 110
	BAN199 Excel for Finance, Accounting & Analytics	BSOT 10 Excel for Windows I and BSOT 11 Excel for Windows II	n/a	n/a
	BLAW310 Introduction to Business Law	BUAD 6 Business Law I	n/a	BUS 125
	ECON201 Principles of Macroeconomics	ECON 1B Principles of Economics – Macro	n/a	ECON 202
	ECON202 Principles of Microeconomics	ECON 1A Principles of Economics – Micro	n/a	ECON 201
	IT221 HTML & CSS Web Page Construction	CIS 86 HTML or CIS 87 Advanced Web Design or CIS 64 Web Programming	n/a	n/a
	MGT310 Principles of Management	BUAD 91 Principles of Management	n/a	n/a
	MKT310 Principles of Marketing	BUAD 77 Principles of Marketing	n/a	n/a
	All other major course requirements not listed above (21 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSBA)	ACC120 Managerial Accounting II	ACCT 4 Introduction to Managerial Accounting	n/a	ACCT 120
	IT223 SQL & Relational Databases	CIS 24 Database Design or CIS 64 Web Programming	n/a	ITIS 180
	Complete three additional Specialization Courses (9 units)	No equivalent courses	n/a	n/a
Electives	24 semester credits in area	24 semester credits Any course identified as transferable to CSU or UC.	n/a	n/a