

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Hartnell 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 Hartnell College Course(s) (2021 – 2022 Catalog)	<u>CSU GE Breadth</u>¹ equivalent	<u>C-ID</u>² equivalent	
General Education Requirements (40 semester Units)	English Language & Communications & Critical Thinking (12 semester credits)	ENGL 101 Expository Writing	ENG-1A College Composition & Reading or ENG-1AX Intensive College Composition & Reading	A2/A3	ENGL100/ ENGL110
		ENGL 115 Public Speaking	COM-1 Introduction to Public Speaking	A1	COMM110
		ENGL 425 Modern American Literature	ENG-47B Survey of American Literature II	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)	MATH 201 Calculus I	MAT-3A Analytic Geometry & Calculus I	n/a	MATH 210
		MATH 202 Calculus II	MAT-3B Analytic Geometry & Calculus II	n/a	MATH 220
		MATH 203 Linear Algebra	MAT-4 Linear Algebra	n/a	MATH 250
		MATH 208 Probability and Statistics	MAT-13 Elementary Statistics	n/a	MATH 110
		PHYS 201/201L Physics I with Lab	PHY4A General Physics/Mechanics or PHY4B General Physics/Electricity & Magnetism 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
Social Sciences (6 semester credits)	6 credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	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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Major Course Requirements (65 credits BSCS)				
Core Course Requirements (50 units BSCS)	BUS450 Professional and Technical Writing	CSS-3 Computer Architecture & Assembly Language Programming	n/a	BUS 115
	CS 200 Discrete Logic	CSS-7 Discrete Structures or MAT-7 Discrete Mathematics	n/a	COMP 152
	CS230/230L Linux & Shell Scripting/Lab	CSS-57 Introduction to UNIX/Linux	n/a	n/a
	CS350/350L Data Structures/Lab	CSS-2B Data Structures & Algorithms	n/a	COMP 132
	CS360/360L Programming in C and C++/Lab	CSS-2A Object Oriented Programming	n/a	COMP 122
	P450 Career Development	COU-23 Student Skills for Success: Career Development	n/a	n/a
	All other major course requirements not listed above (31 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSCS)	CS470 Network Engineering and Management	CSS-50 Introduction to Networks: CCNA 1	n/a	n/a
	Complete four additional Specialization Courses (12 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 Hartnell 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 Hartnell 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)	ENGL 101 Expository Writing	ENG-1A College Composition & Reading <u>or</u> ENG-1AX Intensive College Composition & Reading	A2/A3	ENGL100/ ENGL110
		ENGL 115 Public Speaking	COM-1 Introduction to Public Speaking	A1	COMM110
		ENGL 425 Modern American Literature	ENG-47B Survey of American Literature II	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)	MATH 208 Probability and Statistics	MAT-13 Elementary Statistics <u>or</u> MAT-18 Integrated Statistics II <u>or</u> MAT-118 Integrated Statistics I	n/a	MATH 110
		PHYS 101 Introduction to Physical Sciences	PHY-10 Introduction to Physics <u>or</u> 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
	Arts & Humanities (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a
	Social Sciences (9 semester credits)	9 credits in area	9 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a

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Major Course Requirements (60 credits BSBA)				
Core Course Requirements (45 credits BSBA)	ACC 110 Financial Accounting I	BUS-1A Financial Accounting	n/a	ACCT 110
	BLAW310 Introduction to Business Law	BUS-18 The Legal Environment of Business	n/a	BUS 125
	ECON201 Principles of Macroeconomics	ECO-1 Principles of Macroeconomics	n/a	ECON 202
	ECON202 Principles of Microeconomics	ECO-5 Principles of Microeconomics	n/a	ECON 201
	IT221 HTML & CSS Web Page Construction	CSS-25 Multimedia Integration or (CSS-64 HTML 5 and CSS-3 Web Development)	n/a	n/a
	P450 Career Development	COU-23 Student Skills for Success: Career Development	n/a	n/a
	All other major course requirements not listed above (30 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSBA)	ACC120 Managerial Accounting II	BUS-1B Managerial Accounting	n/a	ACCT 120
	IT337 JavaScript	CSS-29 Programming for Multimedia	n/a	n/a
	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

This agreement will automatically renew each year. In the event of significant curriculum change, SFBU staff is responsible for updating the agreement.

Monica Sinha, Director of Admissions & Special Projects
SFBU Staff Member (name, title)

January 14, 2021
Date