

## Articulation Agreement

### San Francisco Bay University (SFBU) & Ohlone College

#### SFBU Bachelor of Science in Computer Science (BSCS)

SFBU Degree Requirements	Required SFBU course or course category	Specific Ohlone College Course(s)	CSU GE Breadth <sup>1</sup> equivalent	C-ID <sup>2</sup> equivalent	
General Education Requirements (40 semester Units)	<b>English Language &amp; Communications &amp; Critical Thinking</b> (12 semester credits)	<b>ENGL 101</b> Expository Writing	<b>ENGL-101A</b> Reading & Written Composition	A2	ENGL100
	<b>ENGL 115</b> Public Speaking	<b>COMM-111</b> Introduction to Public Speaking	A1	COMM110	
	<b>ENGL 425</b> Modern American Literature	<b>ENGL-120B</b> Survey of American Literature: 1865 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)	<b>MATH 201</b> Calculus I	<b>MATH-101A</b> Calculus with Analytic Geometry	n/a	MATH 210	
	<b>MATH 202</b> Calculus II	<b>MATH-101B</b> Calculus with Analytic Geometry	n/a	MATH 220	
	<b>MATH 203</b> Linear Algebra	<b>MATH-103</b> Introduction to Linear Algebra	n/a	MATH 250	
	<b>MATH 208</b> Probability and Statistics	<b>MATH-159</b> Introduction to Statistics	n/a	MATH 110	
	<b>PHYS 201/201L</b> Physics I with Lab	<b>PHYS-140</b> 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	
Social Sciences (6 semester credits)	6 credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a	

<sup>1</sup> Courses without a CSU GE Breadth Designator will be evaluated individually

<sup>2</sup> Courses without a C-ID designator will be evaluated individually

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### San Francisco Bay University (SFBU) & Ohlone College

Major Course Requirements (65 credits BSCS)		
SFBU Degree Requirements	Required SFBU course or course category	Specific Ohlone College Course(s)
<b>Core Course Requirements</b> (50 units BSCS)	<b>BUS450</b> Professional & Technical Writing	<b>ENGL-156</b> Introduction to Report & Technical Writing
	<b>CS 200</b> Discrete Logic	<b>CS-113</b> Discrete Structures
	<b>CS230/230L</b> Linux & Shell Scripting/Lab	<b>CS-147</b> UNIX/LINUX Shell Scripting <u>or</u> <b>CNET-147</b> UNIX/LINUX Shell Scripting
	<b>CS250/250L</b> Introduction to Programming/Lab	<b>CNET-142</b> Introduction to Programming with Python
	<b>CS360/360L</b> Programming in C & C++/Lab	<b>CS 116</b> Object-Oriented Programming Using C++
	<b>CS457/457L</b> Data Modeling & Implementation Tech/Database Technologies Lab	<b>CNET-137</b> Introduction to SQL <u>or</u> <b>CS-137</b> Introduction to SQL
	<b>CS480/480L</b> Java and Internet Applications/ Java Programming Lab	<b>CS-170</b> Intermediate Java Programming
	<b>P450</b> Career Development	<b>BA-115</b> Career Communication <u>or</u> <b>PD-150</b> Career & Life Planning
	All other major course requirements not listed above (23 units)	No equivalent courses
<b>Specialization Course Requirement</b> (15 units BSCS)	<b>CS470</b> Network Engineering & Management	<b>CNET-155A</b> Introduction to Networks (CCNA1)
	<b>CS 477</b> Ethical Hacking & Penetration Testing	<b>CNET-173</b> Ethical Hacking
	Complete three additional Specialization Courses (9 units)	No equivalent courses
<b>Electives</b>	15 semester credits in area	15 semester credits Any course identified as transferable to CSU or UC.

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### San Francisco Bay University (SFBU) & Ohlone College

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 Ohlone 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 Ohlone College Course(s) (2021 – 2022 Catalog)	CSU GE Breadth <sup>1</sup> equivalent	C-ID <sup>2</sup> equivalent	
<b>General Education Requirements</b> (36 semester Units)	<b>English Language &amp; Communications &amp; Critical Thinking</b> (12 semester credits)	ENGL 101 Expository Writing	ENGL-101A Reading & Written Composition	A2	ENGL100
		ENGL 115 Public Speaking	COMM-111 Introduction to Public Speaking	A1	COMM110
		ENGL 425 Modern American Literature	ENGL-120B Survey of American Literature: 1865 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
	<b>Mathematics &amp; Natural Sciences</b> (9 semester credits in BSBA)	MATH 208 Probability and Statistics	MATH-159 Introduction to Statistics	n/a	MATH 110
		PHYS 101 Introduction to Physical Sciences	PHYS-120 Introduction to Physics I, 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
	<b>Arts &amp; Humanities</b> (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a
	<b>Social Sciences</b> (9 semester credits)	9 credits in area	9 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a

<sup>1</sup> Courses without a CSU GE Breadth Designator will be evaluated individually

<sup>2</sup> Courses without a C-ID designator will be evaluated individually

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### San Francisco Bay University (SFBU) & Ohlone College

Major Course Requirements (60 credits BSBA)		
SFBU Degree Requirements	Required SFBU course or course category	Specific Ohlone College Course(s)
<b>Core Course Requirements</b> (45 credits BSBA)	ACC 110 Financial Accounting I	BA-101A Financial Accounting
	BLAW310 Introduction to Business Law	BA-141A Business Law
	BUS450 Professional & Technical Writing	ENGL-156 Introduction to Report and Technical Writing
	ECON201 Principles of Macroeconomics	BA-102A Principles of Economics-Macroeconomics
	ECON202 Principles of Microeconomics	BA-102B Principles of Economics-Microeconomics
	IT221 HTML & CSS Web Page Construction	CS-162 XHTML <u>or</u> DAID-105A Introduction to Web Design
	MGT310 Principles of Management	BSM-101 Fundamentals of Supervision <u>or</u> BSM-108 Leadership in Organizations
	P450 Career Development	BA-115 Career Communication <u>or</u> PD-150 Career & Life Planning
	All other major course requirements not listed above (23 units)	No equivalent courses
<b>Specialization Course Requirement</b> (15 units BSBA)	ACC120 Managerial Accounting II	BA-101B Managerial Accounting
	IT223 SQL & Relational Databases	CS-137 Introduction to SQL <u>or</u> CNET-137 Introduction to SQL <u>or</u> CNET-138 PL/SQL Programming
	IT335 Python Introduction for Commerce	CNET-142 Introduction to Programming with Python
	IT337 JavaScript	CS-175 Javascript for Web Development
	Complete two additional Specialization Courses (6 units)	No equivalent courses
<b>Electives</b>	24 semester credits in area	24 semester credits Any course identified as transferable to CSU or UC.

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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 1, 2023**  
Date