

**Articulation Agreement (2022)**

**San Francisco Bay University (SFBU) & Chabot College**

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

<b>SFBU Bachelor of Science in Computer Science (BSCS)</b>					
<b>SFBU Degree Requirements</b>	<b>Required SFBU course or course category</b>	<b>Specific Chabot College Course(s) (2021 – 2022 Catalog)</b>	<b><u>CSU GE Breadth</u><sup>1</sup> equivalent</b>	<b><u>C-ID</u><sup>2</sup> equivalent</b>	
<b>General Education Requirements (40 semester Units)</b>	<b>English Language &amp; Communications &amp; Critical Thinking</b> (12 semester credits)	<b>ENGL 101</b> Expository Writing	<b>ENGL 1</b> Critical Reading & Composition <u>or</u> <b>ENGL 1A</b> Critical Reading & Composition	A2/A3	ENGL100/ ENGL110
		<b>ENGL 115</b> Public Speaking	<b>COMM 1</b> Fundamentals of Speech Communication	A1	COMM 110
		<b>ENGL 425</b> Modern American Literature	<b>ENGL 35</b> Modern & Contemporary U.S. Literature	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> (16 semester credits in BSCS)	<b>MATH 201</b> Calculus I	<b>MTH 1</b> Calculus I <u>or</u> <b>MTH 15</b> Applied Calculus I	n/a	MATH 210
		<b>MATH 202</b> Calculus II	<b>MTH 2</b> Calculus II <u>or</u> <b>MTH 16</b> Applied Calculus II	n/a	MATH 220
		<b>MATH 203</b> Linear Algebra	<b>MTH 6</b> Elementary Linear Algebra	n/a	MATH 250
		<b>MATH 208</b> Probability and Statistics	<b>MTH 43</b> Introduction to Probability & Statistics <u>or</u> <b>MTH 43S</b> Introduction to Probability & Statistics with Support <u>or</u> <b>BUS 19</b> Business Statistics <u>or</u> <b>PSY 5</b> Introductory Statistics for the Behavioral & Social Sciences	n/a	MATH 110
		<b>PHYS 201/201L</b> Physics I with Lab	<b>PHYS 4A</b> General Physics I, 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

<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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<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> (6 semester credits)	6 credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a
<b>Major Course Requirements (65 credits BSCS)</b>				
<b>Core Course Requirements</b> (50 units BSCS)	<b>BUS450</b> Professional and Technical Writing	<b>ENGL 70</b> Report Writing	n/a	BUS 115
	<b>CE305</b> Computer Organization	<b>CSCI 21</b> Computer Organization & Assembly Language Programming	n/a	COMP 142
	<b>CS 200</b> Discrete Logic	<b>MTH 8</b> Discrete Mathematics <u>or</u> <b>CSCI 28</b> Discrete Mathematics	n/a	COMP 152
	<b>CS230/230L</b> Linux & Shell Scripting/Lab	<b>CSCI 41</b> Introduction to Unix <u>and</u> <b>CSCI 42</b> Unix Tools, Shell Programming & System Administration Concepts	n/a	n/a
	<b>CS350/350L</b> Data Structures/Lab	<b>CSCI 20</b> Introduction to Data Structures	n/a	COMP 132
	<b>CS360/360L</b> Programming in C & C++/Lab	<b>CSCI 14</b> Introduction to Structured Programming in C++	n/a	COMP 122
	<b>CS480/480L</b> Java and Internet Applications/ Java Programming Lab	<b>CSCI 19A</b> Object-Oriented Programming Methods in Java	n/a	n/a
	<b>P450</b> Career Development	<b>PSCN 10</b> Career & Educational Planning	n/a	n/a
	All other major course requirements not listed above (26 units)	No equivalent courses	n/a	n/a
<b>Specialization Course Requirement</b> (15 units BSCS)	<b>CS470</b> Network Engineering & Management	<b>CAS 92B</b> Routing & Switching Essentials	n/a	n/a
	<b>CS 477</b> Ethical Hacking & Penetration Testing	<b>CAS 75</b> Introduction to Cybersecurity: Ethical Hacking (Whitehat Hacker)	n/a	n/a

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	<b>CS485</b> JavaScript & Internet Programing	<b>DIGM 17</b> JavaScript for Designers	n/a	n/a
	Complete two additional Specialization Courses (6 units)	No equivalent courses	n/a	n/a
<b>Electives</b>	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 Chabot 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 Chabot College Course(s) (2021 – 2022 Catalog)	CSU GE Breadth <sup>1</sup> equivalent	C-ID <sup>2</sup> equivalent	
General Education Requirements (36 semester Units)	<b>English Language &amp; Communications &amp; Critical Thinking</b> (12 semester credits)	<b>ENGL 101</b> Expository Writing	<b>ENGL 1</b> Critical Reading & Composition <u>or</u> <b>ENGL 1A</b> Critical Reading & Composition	A2/A3	ENGL100/ ENGL110
	<b>ENGL 115</b> Public Speaking	<b>COMM 1</b> Fundamentals of Speech Communication	A1	COMM 110	
	<b>ENGL 425</b> Modern American Literature	<b>ENGL 35</b> Modern & Contemporary U.S. Literature	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)	<b>MATH 208</b> Probability and Statistics	<b>MTH 43</b> Introduction to Probability & Statistics <u>or</u> <b>MTH 43S</b> Introduction to Probability & Statistics with Support <u>or</u> <b>BUS 19</b> Business Statistics <u>or</u> <b>PSY 5</b> Introductory Statistics for the Behavioral & Social Sciences	n/a	MATH 110
	<b>PHYS 101</b> Introduction to Physical Sciences	<b>PHYS 11</b> Descriptive 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	

<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

## Articulation Agreement (2022)

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

<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
<b>Major Course Requirements (60 credits BSBA)</b>				
<b>Core Course Requirements</b> (45 credits BSBA)	<b>ACC 110</b> Financial Accounting I	<b>BUS 1A</b> Financial Accounting	n/a	ACCT 110
	<b>BAN199</b> Excel for Finance, Accounting & Analytics	<b>BUS 92</b> Excel Spreadsheets for Accounting <b>or</b> <b>CAS 54</b> Microsoft Excel	n/a	n/a
	<b>BLAW310</b> Introduction to Business Law	<b>BUS 10</b> Business Law	n/a	BUS 125
	<b>BUS450</b> Professional & Technical Writing	<b>ENGL 70</b> Report Writing	n/a	n/a
	<b>ECON201</b> Principles of Macroeconomics	<b>ECN 2</b> Principles of Macroeconomics	n/a	ECON 202
	<b>ECON202</b> Principles of Microeconomics	<b>ECN 1</b> Principles of Microeconomics	n/a	ECON 201
	<b>IT221</b> HTML & CSS Web Page Construction	<b>DIGM 16</b> HTML & CSS for Designers	n/a	n/a
	<b>MGT310</b> Principles of Management	<b>BUS 22</b> Introduction to Management	n/a	n/a
	<b>MKT310</b> Principles of Marketing	<b>BUS 36</b> Introduction to Marketing	n/a	n/a
	<b>P450</b> Career Development	<b>PSCN 10</b> Career & Educational Planning	n/a	n/a
	All other major course requirements not listed above (15 units)	No equivalent courses	n/a	n/a
<b>Specialization Course Requirement</b> (15 units BSBA)	<b>ACC120</b> Managerial Accounting II	<b>BUS 1B</b> Managerial Accounting	n/a	ACCT 120
	<b>IT337</b> JavaScript	<b>DIGM 17</b> JavaScript for Designers	n/a	n/a
	Complete three additional Specialization Courses (9 units)	No equivalent courses	n/a	n/a

## Articulation Agreement (2022)

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

<b>Electives</b>	24 semester credits in area	24 semester credits Any course identified as transferable to CSU or UC.	n/a	n/a
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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.

\_\_\_\_\_  
SFBU Staff Member (name, title)

\_\_\_\_\_  
Date