

## Articulation Agreement (2022-2023)

### San Francisco Bay University (SFBU) & San Jose City College

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

SFBU Degree Requirements	Required SFBU course or course category	Specific San Jose City College Course(s) (2022 – 2023 Catalog)	<a href="#">CSU GE Breadth<sup>1</sup></a> equivalent	<a href="#">C-ID<sup>2</sup></a> equivalent	
General Education Requirements (40 semester Units)	English Language & Communications & Critical Thinking (12 semester credits)	ENGL 101 Expository Writing	ENGL 001A English Composition	A2	ENGL 100
		ENGL 115 Public Speaking	COMS 020 Oral Communication	A1	COMM110
		ENGL 425 Modern American Literature	ENGL 084B 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	MATH 071 Calculus I with Analytic Geometry <b>or</b> MATH 071 Honors Calculus I with Analytic Geometry	B4	MATH 210
		MATH 202 Calculus II	Math 072 Calculus II with Analytic Geometry	B4	MATH 220
		MATH 203 Linear Algebra	MATH 079 Linear Algebra	B4	MATH 250
		MATH 208 Probability and Statistics	MATH 063 Elementary Statistics <b>or</b> BUS 060 Fundamentals of Business Statistics	B4	MATH 110 n/a
		PHYS 201/201L Physics I with Lab	PHYS 004A General Physics <b>or</b> a CSU GE Breadth designator B1 or B2 course (with a B3 lab) earning 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

<sup>3</sup> Courses combined to meet unit requirement will be evaluated individually

## Articulation Agreement (2022-2023)

### San Francisco Bay University (SFBU) & San Jose City College

Major Course Requirements (65 credits BSCS)		
SFBU Degree Requirements	Required SFBU course or course category	Specific San Jose City College Course(s) (2022 – 2023 Catalog)
<b>Core Course Requirements</b> (50 units BSCS)	CS 200 Discrete Logic	<b>MATH 070</b> Discrete Mathematics <u>or</u> <b>MATH 080</b> Discrete Structures for Computer Science
	CS230/230L Linux & Shell Scripting/Lab	<b>CIS 157</b> Introduction to Unix/Linux <u>and</u> <b>CIS 158</b> Linux System Administration
	CS250/250L Introduction to Programming/Lab	<b>CIS 024C</b> Python Programming <i>(Meets 250L requirement; SFBU lecture course needed for unit difference)</i>
	CS350/350L Data Structures/Lab	<b>CIS 055</b> Data Structures <u>and</u> a relevant data organization course/lab <sup>3</sup>
	CS360/360L Programming in C & C++/Lab	<b>CIS 054</b> C/C++ Programming <u>and</u> a relevant programing language course/lab <sup>3</sup>
	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	<b>CIS 022</b> Database Technology <u>and</u> <b>CIS 068</b> Administering Microsoft SQL Server
	CS480/480L Java & Internet Applications/ Java Programming Lab	<b>CIS 084</b> Java Programming <u>and</u> a relevant programing language course/lab <sup>3</sup>
	CS487 Object-Oriented Design & Implementations	<b>CIS 059</b> Object Oriented Design & Programming
	P450 Career Development	<b>GUIDE 096</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)	CS 477 Ethical Hacking & Penetration Testing	<b>CIS 164</b> Introduction to Cybersecurity: Ethical Hacking
	CS485 JavaScript & Internet Programing	<b>CIS 023</b> JavaScript Programming <u>or</u> <b>CIS 023A</b> Advanced JavaScript
	Complete four additional Specialization Courses (12 units)	No equivalent courses

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<b>Electives</b>	15 semester credits in area	15 semester credits Any course identified as transferable to CSU or UC.
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## Articulation Agreement (2022-2023)

### San Francisco Bay University (SFBU) & San Jose City 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 San Jose City 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 College of San Jose City College Course(s) (2022 – 2023 Catalog)	<a href="#">CSU GE Breadth<sup>1</sup></a> equivalent	<a href="#">C-ID<sup>2</sup></a> equivalent	
General Education Requirements (36 semester Units)	English Language & Communications & Critical Thinking (12 semester credits)	ENGL 101 Expository Writing	ENGL 001A English Composition	A2	ENGL 100
		ENGL 115 Public Speaking	COMS 020 Oral Communication	A1	COMM110
		ENGL 425 Modern American Literature	ENGL 084B 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	MATH 063 Elementary Statistics <u>or</u> BUS 060 Fundamentals of Business Statistics	B4 B4	MATH 110 n/a
		PHYS 101 Introduction to Physical Sciences	Physical Sciences or Biological Science courses (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

<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 (2022-2023)

### San Francisco Bay University (SFBU) & San Jose City College

Major Course Requirements (60 credits BSBA)		
SFBU Degree Requirements	Required SFBU course or course category	Specific San Jose City College Course(s) (2022 – 2023 Catalog)
<b>Core Course Requirements</b> (45 credits BSBA)	ACC 110 Financial Accounting I	ACCTG 020 Financial Accounting
	BAN199 Excel for Finance, Accounting & Analytics	CA 050D Microsoft Excel Level 1 <b>and</b> CA 055D Microsoft Excel Level 2
	BLAW310 Introduction to Business Law	BUS 071 Legal Environment of Business
	BUS450 Professional & Technical Writing	BUS 008 Business English & Writing
	ECON201 Principles of Macroeconomics	ECON 010A Principles of Macroeconomic Theory
	ECON202 Principles of Microeconomics	ECON 010B Introduction to Microeconomic Theory
	IT221 HTML & CSS Web Page Construction	CIS 132 Creating Web Pages with Html & CSS <b>or</b> DMA 004 Fundamentals of Web Design
	MGT310 Principles of Management	BUS 113 Principles of Management
	MKT310 Principles of Marketing	BUS 120 Marketing Principles
	P450 Career Development	GUIDE 096 Career & Life Planning
	All other major course requirements not listed above (21 units)	No equivalent courses
<b>Specialization Course Requirement</b> (15 units BSBA)	ACC120 Managerial Accounting II	ACCTG 021 Managerial Accounting
	CPT401 Curricular Practicum	BUS 138 Work Experience
	CPT402 Curricular Practicum	BUS 138 Work Experience
	IT223 SQL & Relational Databases	CIS 037 SQL Fundamentals <b>or</b> CIS 122 SQL for Data Analytics
	IT335 Python Introduction for Commerce	CIS 024C Python Programming <b>or</b> CIS 106 TechNest 1: Introduction to Computer Coding (Python)

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### San Francisco Bay University (SFBU) & San Jose City College

	IT337 JavaScript	CIS 023 JavaScript Programming <b>or</b> CIS 023A Advanced JavaScript
	Complete one additional Specialization Course (3 units)	No equivalent courses
<b>Electives</b>	24 semester credits in area	24 semester credits Any course identified as transferable to CSU or UC.

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