

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Berkeley City 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 Berkeley City 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	ENGL 1A , Composition & Reading	A2/A3	ENGL 100/ ENGL 110
		ENGL 115 Public Speaking	COMM 45 , Public Speaking	A1	COMM 110
		ENGL 425 Modern American Literature	No equivalent courses	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 3A , Calculus I	n/a	MATH 210
		MATH 202 Calculus II	MATH 3B , Calculus II	n/a	MATH 220
		MATH 203 Linear Algebra	MATH 3E , Linear Algebra	n/a	MATH 250
		MATH 208 Probability and Statistics	MATH 13 , Introduction to Statistics	n/a	MATH 110
		PHYS 201/201L Physics I with Lab	PHYS 4A , General Physics with Calculus <u>or</u> 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	BIOL 32 , Scientific Literature & Writing	n/a	BUS 115
	CE305 Computer Organization	CIS 20 , Microcomputer Assembly	n/a	COMP 142
	CS250/250L Introduction to Programming/Lab	CIS 6 , Introduction to Computer Programming	n/a	n/a
	CS350/350L Data Structures/Lab	CIS 27 , Data Structures & Algorithms	n/a	COMP 132
	CS360/360L Programming in C and C++/Lab	CIS 25 , Object-Oriented Programming Using C++	n/a	COMP 122
	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	CIS 84 , Database Programming for The Web	n/a	n/a
	CS480/480L Java and Internet Applications/ Java Programming Lab	CIS 36B , Java Programming Language II	n/a	n/a
	CS487 Object-Oriented Design and Implementations	CIS 82 , Design Patterns	n/a	COMP 132
	P450 Career Development	COUN 57 , Career & Life Planning	n/a	n/a
	All other major course requirements not listed above (18 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSCS)	Complete Five courses in the Specialization course requirement (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 Berkeley 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 Berkeley City College Course(s) (2021 – 2022 Catalog)	CSU GE Breadth¹ equivalent	C-ID² equivalent
English Language & Communications & Critical Thinking (12 semester credits)	ENGL 101 Expository Writing	ENGL 1A , Composition & Reading	A2/A3	ENGL 100/ ENGL110
	ENGL 115 Public Speaking	COMM 45 , Public Speaking	A1	COMM 110
	ENGL 425 Modern American Literature	No equivalent courses	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 13 , Introduction to Statistics	n/a	MATH 110
	PHYS 101 Introduction to Physical Sciences	PHYS 3A , General Physics or PHYS 10 , Introduction to 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

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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
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
	BAN199 Excel for Finance, Accounting & Analytics	CIS 42B , Spreadsheet Applications II	n/a	n/a
	BLAW310 Introduction to Business Law	BUS 2 , Introduction to Business Law <u>or</u> BUS 7 , Entrepreneurial Law	n/a	BUS 125
	BUS450 Professional & Technical Writing	BIOL 32 , Scientific Literature & Writing	n/a	n/a
	ECON201 Principles of Macroeconomics	ECON 1 , Principles of Economics (Macro-Economics)	n/a	ECON 202
	ECON202 Principles of Microeconomics	ECON 2 , Principles of Economics (Micro-Economics)	n/a	ECON 201
	IT221 HTML & CSS Web Page Construction	CIS 104 , Survey of Programming Languages for The Web <u>or</u> (MM/MW 1A, Introduction to Web Design <u>and</u> MM/MW 1LA, Introduction to Web Design Lab)	n/a	n/a
	MGT310 Principles of Management	BUS 9 , Introduction to Management	n/a	n/a
	MKT310 Principles of Marketing	BUS 70 , Introduction to Marketing	n/a	n/a
	P450 Career Development	COUN 57 , Career & Life Planning	n/a	n/a
	All other major course requirements not listed above (18 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement	ACC120 Managerial Accounting II	BUS 1B , Managerial Accounting	n/a	ACCT 120
	IT223 SQL & Relational Databases	CIS 84 , Database Programming for The Web	n/a	ITIS 180

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(15 units BSBA)	IT337 JavaScript	CIS 103 , Survey of Programming Languages for the Web–Continuation	n/a	n/a
	Complete two additional Specialization Courses (6 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 18, 2021
Date