

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Las Positas 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 Las Positas 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 Critical Reading & Composition <u>or</u> ENG 1AEX Critical Reading & Composition Expanded	A2/A3	ENGL 100/ ENGL 110
		ENGL 115 Public Speaking	CMST 1 Fundamentals of Public Speaking	A1	COMM 110
		ENGL 425 Modern American Literature	ENG 35 Modern American Literature <u>or</u> ENG 44 Literature of The American West	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
	Arts & Humanities (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a
	Mathematics & Natural Sciences (16 semester credits in BSCS)	MATH 201 Calculus I	MATH 1 Calculus I	n/a	MATH 210
		MATH 202 Calculus II	MATH 2 Calculus II	n/a	MATH 220
		MATH 203 Linear Algebra	MATH 7 Elementary Linear Algebra	n/a	MATH 250
		MATH 208 Probability and Statistics	MATH 40 Statistics & Probability	n/a	MATH 110
		PHYS 201/201L Physics I with Lab	PHYS 1A 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
	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	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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Arts & Humanities (6 semester credits)				
Social Sciences (6 semester credits)	6 credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a
Major Course Requirements (65 credits BSCS)				
Core Course Requirements (50 units BSCS)	BUS450 Professional and Technical Writing	CIS 43 Professional Communications, or CNT 43 Professional Communications, or CS 43 Professional Communications	n/a	BUS 115
	CE305 Computer Organization	CS 21 Computer Organization & Assembly Language Programming	n/a	COMP 142
	CS 200 Discrete Logic	CS 17 Discrete Mathematical Structures or MATH 10 Discrete Mathematical Structures	n/a	COMP 152
	CS350/350L Data Structures/Lab	CS 20 Advanced Programming with Data Structures/C++	n/a	COMP 132
	CS360/360L Programming in C and C++/Lab	CS 2 Computing Fundamentals II	n/a	COMP 122
	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	CS 45 Database Programming or (CIS 9001 Database Design Methodology and CIS 9002 Introduction to Database Management)	n/a	n/a
	CS480/480L Java and Internet Applications/ Java Programming Lab	CS 31 Java Programming	n/a	n/a
	P450 Career Development	PCN 10 Career & Educational Planning	n/a	n/a
	All other major course requirements not listed above (20 units)	No equivalent courses	n/a	n/a

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Specialization Course Requirement (15 units BSCS)	CS470 Network Engineering and Management	CIS 66 Networking Fundamentals or CNT 8001 CISCO CCNA1/3 Introduction to Networks (ITN) or CNT 52 Networking Fundamentals	n/a	n/a
	CS 477 Ethical Hacking & Penetration Testing	CNT 7501 Ethical Hacking	n/a	n/a
	CS485 JavaScript & Internet Programing	CIS 59 WEB DEV: HTML/CSS/ JavaScript or CIS 59C Web Programming - JavaScript	n/a	n/a
	Complete two additional Specialization Courses (6 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 Las Positas 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 Las Positas 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 Critical Reading & Composition or ENG 1AEX Critical Reading & Composition Expanded	A2/A3	ENGL 100/ ENGL 110
	ENGL 115 Public Speaking	CMST 1 Fundamentals of Public Speaking		A1	COMM 110
	ENGL 425 Modern American Literature	ENG 35 Modern American Literature or ENG 44 Literature of The American West		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 and Natural Sciences (9 semester credits in BSBA)	MATH 208 Probability and Statistics	MATH 40 Statistics & Probability	n/a	MATH 110
	PHYS 101 Introduction to Physical Sciences	PHYS 2A 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
		6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a

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² Courses without a C-ID designator will be evaluated individually

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Arts & Humanities (6 semester credits)				
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	BUSN 1A Financial Accounting	n/a	ACCT 110
	BAN199 Excel for Finance, Accounting & Analytics	CIS 54 Excel: Intro to Spreadsheets	n/a	n/a
	BLAW310 Introduction to Business Law	BUSN 18 Business Law	n/a	BUS 125
	BUS450 Professional & Technical Writing	CIS 43 Professional Communications, or CNT 43 Professional Communications, or CS 43 Professional Communications	n/a	n/a
	ECON201 Principles of Macroeconomics	ECON 2 Principles of Macroeconomics	n/a	ECON 202
	ECON202 Principles of Microeconomics	ECON 1 Principles of Microeconomics	n/a	ECON 201
	IT221 HTML & CSS Web Page Construction	CIS 59 WEB DEV: HTML/CSS/ JavaScript or GDDM 55 Web Design I	n/a	n/a
	MGT310 Principles of Management	BUSN 56 Introduction to Management	n/a	n/a
	MKT310 Principles of Marketing	MKTG 50 Introduction to Marketing	n/a	n/a
	P450 Career Development	PCN 10 Career & Educational Planning	n/a	n/a
All other major course requirements not listed above (18 units)	No equivalent courses	n/a	n/a	
	ACC120 Managerial Accounting II	BUSN 1B Managerial Accounting	n/a	ACCT 120

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Specialization Course Requirement (15 units BSBA)	IT223 SQL & Relational Databases	CIS 57 Database Concepts or CIS 92 WEB: PHP Programming, MySQL or CIS 9001 Database Design Methodology or CIS 9002 Introduction to Database Management or CIS 9003 Oracle: Database Programming with PL/SQL	n/a	ITIS 180
	IT337 JavaScript	CIS 59 WEB DEV: HTML/CSS/ JavaScript or CIS 59C Web Programming - JavaScript	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 14, 2022

Date

LPC Staff Member (name, title)

Date