

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Reedley 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 Reedley 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)	ENGL101 Expository Writing	ENGL 1A Reading & Composition <u>or</u> ENGL 1AH Honors Reading & Composition	A2/A3	ENGL100/ ENGL110
		ENGL115 Public Speaking	COMM 1 Public Speaking <u>or</u> COMM 1H Honors Public Speaking	A1	COMM 110
		ENGL425 Modern American Literature	ENGL 43B American Literature: 1877 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)	MATH201 Calculus I	MATH 5A Calculus I	n/a	MATH 210
		MATH202 Calculus II	MATH 5B Calculus II	n/a	MATH 220
		MATH203 Linear Algebra	MATH 17 Differential Equations & Linear Algebra	n/a	MATH 250
		MATH208 Probability and Statistics	MATH 11 Introduction to Statistics <u>or</u> MATH 11C Introduction to Statistics with Support <u>or</u> STAT 7 Elementary Statistics	n/a	MATH 110
		PHYS201/201L Physics I with Lab	PHYS 4A Physics for Scientists & Engineers, 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 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

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Reedley College

(6 semester credits)				
Major Course Requirements (65 credits BSCS)				
Core Course Requirements (50 units BSCS)	CE305 Computer Organization	CSCI 45 Computer Organization & Assembly Language Programming	n/a	COMP 142
	CS200 Discrete Logic	CSCI 26 Discrete Mathematics for Computer Science	n/a	COMP 152
	CS250/250L Introduction to Programming/Lab	CSCI 58 Programming Essentials in Python <i>(Meets CS250L requirement; SFBU lecture course needed for hour deficiency)</i>	n/a	n/a
	CS350/350L Data Structures/Lab	CSCI 41 Programming Concepts & Methodology II	n/a	COMP 132
	CS360/360L Programming in C and C++/Lab	ENGR 40 Programming for Scientists & Engineers or CSCI 40 Programming Concepts & Methodology I	n/a	COMP 122
	CS380 Operating Systems	IS 60 Operating Systems	n/a	n/a
	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	IS 26A Database Concepts & Design and IS 26B Advanced Database Concepts & Design	n/a	n/a
	CS480/480L Java and Internet Applications/ Java Programming Lab	CSCI 5 Java Programming or IS 33 Beginning Java Programming <i>(Either meets CS480L requirement; SFBU lecture course needed for hour deficiency)</i>	n/a	n/a
	P450 Career Development	IS 59 Careers in Computing	n/a	n/a
	All other major course requirements not listed above (20 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSCS)	CS470 Network Engineering and Management	IS 54 Enterprise Networking, Security, & Automation	n/a	n/a
	CS477 Ethical Hacking & Penetration Testing	IS 71 Cyber Security: Ethical Hacking	n/a	n/a

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Reedley College

	Complete three additional Specialization Courses (9 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

Articulation Agreement (2022)

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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 Reedley 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 Reedley College Course(s) (2021 – 2022 Catalog)	CSU GE Breadth ¹ equivalent	C-ID ² equivalent
English Language & Communications & Critical Thinking (12 semester credits)	ENGL101 Expository Writing	ENGL 1A Reading & Composition <u>or</u> ENGL 1AH Honors Reading & Composition	A2/A3	ENGL100/ ENGL110
	ENGL115 Public Speaking	COMM 1 Public Speaking <u>or</u> COMM 1H Honors Public Speaking	A1	COMM 110
	ENGL425 Modern American Literature	ENGL 43B American Literature: 1877 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 (9 semester credits in BSBA)	MATH208 Probability and Statistics	MATH 11 Introduction to Statistics <u>or</u> MATH 11C Introduction to Statistics with Support <u>or</u> STAT 7 Elementary Statistics	n/a	MATH 110
	PHYS101 Introduction to Physical Sciences	PHYS 2A General Physics I, <u>or</u> 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
Arts & Humanities (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a

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Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Reedley College

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)	ACC110 Financial Accounting I	ACCTG 4A Financial Accounting	n/a	ACCT 110
	BAN199 Excel for Finance, Accounting & Analytics	OT 12C Spreadsheet Projects and (IS 18 Spreadsheet Fundamentals or OT 12A Microsoft Excel Essentials)	n/a	n/a
	BLAW310 Introduction to Business Law	BA 18 Business Law & The Legal Environment	n/a	BUS 125
	ECON201 Principles of Macroeconomics	ECON 1A Principles of Macroeconomics	n/a	ECON 202
	ECON202 Principles of Microeconomics	ECON 1B Principles of Microeconomics	n/a	ECON 201
	IT221 HTML & CSS Web Page Construction	IS 40B Advanced Web Development (HTML/CSS) or IS 42A Web Graphics & UI Design	n/a	n/a
	MGT310 Principles of Management	BA 15 Introduction to Management	n/a	n/a
	MKT310 Principles of Marketing	MKTG 10 Marketing	n/a	n/a
	P450 Career Development	BA 47 Careers-Business	n/a	n/a
	All other major course requirements not listed above (21 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSBA)	ACC120 Managerial Accounting II	ACCTG 4B Managerial Accounting	n/a	ACCT 120
	CPT401 Curricular Practicum	BA 19V Cooperative Work Experience, Business	n/a	ITIS 180
	CPT402 Curricular Practicum	BA 19V Cooperative Work Experience, Business	n/a	ITIS 180
	IT223 SQL & Relational Databases	IS 26A Database Concepts & Design	n/a	n/a
	Complete two additional Specialization Course (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

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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)

March 30, 2022

Date