Articulation Agreement (2022)

San Francisco Bay University (SFBU) & American River College

SFBU Bachelor of Science in Computer Science (BSCS)				
SFBU Degree Requirements	Required SFBU course or course category	Specific American River 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	**ENGWR 300** College Composition **or** **ENGWR 480** Honors College Composition	A2/A3	ENGL100
	ENGL115 Public Speaking	**COMM 301** Public Speaking	A1	COMM110
	ENGL425 Modern American Literature	**ENGLT 321** 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)	**MATH201** Calculus I	**MATH 400** Calculus I	B4	MATH 210
	MATH202 Calculus II	**MATH 401** Calculus II	B4	MATH 220
	MATH203 Linear Algebra	**MATH 410** Introduction to Linear Algebra	B4	MATH 250
	MATH208 Probability and Statistics	**STAT 300** Introduction to Probability & Statistics **or** **STAT 480** Introduction to Probability & Statistics - Honors	B4	MATH 110
	PHYS201/201L Physics I with Lab	**PHYS 410** Mechanics of Solids & Fluids **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 semester credits)	6 credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a

General Education Requirements (40 semester Units)

[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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San Francisco Bay University (SFBU) & American River College

Major Course Requirements (65 credits BSCS)				
Core Course Requirements (50 units BSCS)	**BUS450** Professional and Technical Writing	**TECCOM 300** Introduction to Technical/ Professional Communication	n/a	n/a
	CE305 Computer Organization	**CISP 310** Assembly Language Programming for Microcomputers	n/a	COMP 142
	CS200 Discrete Logic	**CISP 440** Discrete Structures for Computer Science	n/a	COMP 152
	CS230/230L Linux & Shell Scripting/Lab	**CISC 324** Intermediate Linux Operating System **and** **CISC 323** Linux Operating System *(Meets CS230L requirement; SFBU lecture course needed for unit deficiency)*	n/a	n/a
	CS250/250L Introduction to Programming/Lab	**CISP 360** Introduction to Structured Programming **or** **CISP 480** Honors Introduction to Structured Programming	n/a	COMP 112 CISP 480 Pending Approval
	CS350/350L Data Structures/Lab	**CISP 430** Data Structures	n/a	COMP 132
	CS360/360L Programming in C and C++/Lab	**CISP 400** Object Oriented Programming with C++	n/a	COMP 122
	CS455 Algorithms & Structured Programming	**CISP 300** Algorithm Design/Problem Solving	n/a	n/a
	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	**CISP 350** Database Programming	n/a	n/a
	CS480/480L Java and Internet Applications/ Java Programming Lab	**CISP 401** Object Oriented Programming with Java	n/a	n/a
	P450 Career Development	**HCD 331** Career & Job Search Strategies	n/a	n/a
	All other major course requirements not listed above (15 units)	No equivalent courses	n/a	n/a

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San Francisco Bay University (SFBU) & American River College

Specialization Course Requirement (15 units BSCS)	**CS470** Network Engineering and Management	**CISN 140** CISCO Networking Academy (CCNA)TM: Networking Fundamentals	n/a	n/a
	CS477 Ethical Hacking & Penetration Testing	**CISS 315** Ethical Hacking	n/a	ITIS 164
	CS485 JavaScript & Internet Programing	**CISW 310** Advanced Web Publishing **or** **CISW 400** Client-Side Web Scripting	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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San Francisco Bay University (SFBU) & American River 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 American River 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 American River 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	**ENGWR 300** College Composition **or** **ENGWR 480** Honors College Composition	A2/A3	ENGL100/ ENGL110
	ENGL115 Public Speaking	**COMM 301** Public Speaking	A1	COMM110
	ENGL425 Modern American Literature	**ENGLT 321** 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)	**MATH208** Probability and Statistics	**STAT 300** Introduction to Probability & Statistics **or** **STAT 480** Introduction to Probability & Statistics - Honors	B4	MATH 110
	PHYS 101 Introduction to Physical Sciences	**PHYS 310** Conceptual Physics **or PHYS 350** General 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 PHYS 105
	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

General Education Requirements (36 semester Units)

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[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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San Francisco Bay University (SFBU) & American River 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	**ACCT 301** Financial Accounting	n/a	ACCT 110
	BAN199 Excel for Finance, Accounting & Analytics	**CISA 315** Introduction to Electronic Spreadsheets	n/a	n/a
	BLAW310 Introduction to Business Law	**BUS 340** Business Law	n/a	BUS 125
	BUS450 Professional & Technical Writing	**TECCOM 300** Introduction to Technical/ Professional Communication	n/a	n/a
	ECON201 Principles of Macroeconomics	**ECON 302** Principles of Macroeconomics	n/a	ECON 202
	ECON202 Principles of Microeconomics	**ECON 304** Principles of Microeconomics	n/a	ECON 201
	IT221 HTML & CSS Web Page Construction	**ARTNM 401** Introduction to Web Design **or** **CISW 300** Web Publishing	n/a	n/a
	MGT310 Principles of Management	**MGMT 304** Principles of Management **or** **MGMT 362** Techniques of Management	n/a	n/a
	MKT310 Principles of Marketing	**MKT 300** Principles of Marketing	n/a	n/a
	P450 Career Development	**HCD 331** Career & Job Search Strategies	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 BSBA)	**ACC120** Managerial Accounting II	**ACCT 311** Managerial Accounting	n/a	ACCT 120
	CPT401 Curricular Practicum	**ACCT 498** Work Experience in Accounting **or** **BUS498** Work Experience in Business **or** **MKT 498** Work Experience in Marketing,	n/a	n/a
	CPT402 Curricular Practicum	**ACCT 498** Work Experience in Accounting **or** **BUS498** Work Experience in Business **or** **MKT 498** Work Experience in Marketing,	n/a	n/a

San Francisco Bay University (SFBU) & American River College

	IT223 SQL & Relational Databases	**CISP 350** Database Programming	n/a	n/a
	IT337 JavaScript	**CISW 310** Advanced Web Publishing **or** **CISW 400** Client-Side Web Scripting	n/a	n/a
	Complete one additional Specialization Course (3 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   **May 27, 2022___**
SFBU Staff Member (name, title)   Date