

Transfer Guide (2022)

San Francisco Bay University (SFBU) & College of the Redwoods

SFBU Bachelor of Science in Computer Science (BSCS)

SFBU Degree Requirements	Required SFBU course or course category	Specific College of the Redwoods Course(s) (2021 – 2022 Catalog)	CSU GE Breadth¹ equivalent	C-ID² equivalent
English Language & Communications & Critical Thinking (12 semester credits)	ENGL101 Expository Writing	ENGL-1A College Composition	A2/A3	ENGL100/ ENGL110
	ENGL115 Public Speaking	COMM-1 Public Speaking or COMM-1H Public Speaking – Honors or COMM-1V Public Speaking - Virtual	A1	COMM 110
	ENGL425 Modern American Literature	ENGL-18 American Literature: Civil War II - 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-50A Differential Calculus	n/a	MATH 210
	MATH202 Calculus II	MATH-50B Integral Calculus	n/a	MATH 220
	MATH203 Linear Algebra	MATH-45 Linear Algebra	n/a	MATH 250
	MATH208 Probability and Statistics	MATH-15 Introduction to Statistics	n/a	MATH 110
	PHYS201/201L Physics I with Lab	PHYS-4A Calculus-Based Physics: Mechanics 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

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	(6 semester credits)			
Major Course Requirements (65 credits BSCS)				
Core Course Requirements (50 units BSCS)	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	CIS-50 Introduction to Data Base Management Systems	n/a	n/a
	CS480/480L Java and Internet Applications/ Java Programming Lab	CIS-12 Programming Fundamentals or CIS-18 Object Oriented Programming - Java	n/a	n/a
	P450 Career Development	GUID-8 Career Planning	n/a	n/a
	All other major course requirements not listed above (41 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSCS)	CS470 Network Engineering and Management	CIS-30 CCNA: Computer Network Fundamentals	n/a	n/a
	CS477 Ethical Hacking & Penetration Testing	CIS-37 Principles of Ethical Hacking	n/a	n/a
	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

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San Francisco Bay University (SFBU) & College of the Redwoods

SFBU Bachelor of Science in Business Administration (BSBA)

SFBU Degree Requirements	Required SFBU course or course category	Specific College of the Redwoods Course(s) (2021 – 2022 Catalog)	CSU GE Breadth¹ equivalent	C-ID² equivalent		
General Education Requirements (36 semester Units)	English Language & Communications & Critical Thinking (12 semester credits)	ENGL101 Expository Writing	ENGL-1A College Composition	A2/A3	ENGL100/ ENGL110	
		ENGL115 Public Speaking	COMM-1 Public Speaking or COMM-1H Public Speaking – Honors or COMM-1V Public Speaking - Virtual	A1	COMM 110	
		ENGL425 Modern American Literature	ENGL-18 American Literature: Civil War II - 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-15 Introduction to Statistics	n/a	MATH 110
			PHYS101 Introduction to Physical Sciences	PHYS-2A General Physics I 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
		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

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Major Course Requirements (60 credits BSBA)				
Core Course Requirements (45 credits BSBA)	ACC110 Financial Accounting I	BUS-1A Financial Accounting	n/a	ACCT 110
	BAN199 Excel for Finance, Accounting & Analytics	BT-51 Spreadsheet Applications	n/a	n/a
	BLAW310 Introduction to Business Law	BSU-18 Business Law	n/a	BUS 125
	ECON201 Principles of Macroeconomics	ECON-1 Macroeconomics	n/a	ECON 202
	ECON202 Principles of Microeconomics	ECON-10 Microeconomics	n/a	ECON 201
	MGT310 Principles of Management	BUS-68 Introduction to Management	n/a	n/a
	MKT310 Principles of Marketing	BUS-35 Strategic Marketing	n/a	n/a
	P450 Career Development	GUID-8 Career Planning	n/a	n/a
	All other major course requirements not listed above (24 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSBA)	ACC120 Managerial Accounting II	BUS-1B Managerial Accounting	n/a	ACCT 120
	CPT401 Curricular Practicum	BUS-42 Business Cooperative Work Experience Education	n/a	n/a
	CPT402 Curricular Practicum	BUS-42 Business Cooperative Work Experience Education	n/a	n/a
	IT223 SQL & Relational Databases	BT-50 Introduction to Database Management Systems	n/a	ITIS 180
	IT335 Python Introduction for Commerce	MATH-3 Introduction to Computational Methods Using Python & Fortran	n/a	ITIS 180
	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