

## Transfer Guide (2022)

### San Francisco Bay University (SFBU) & Victor Valley College

#### SFBU Bachelor of Science in Computer Science (BSCS)

SFBU Degree Requirements	Required SFBU course or course category	Specific Victor Valley College Course(s) (2021 – 2022 Catalog)	<a href="#">CSU GE Breadth<sup>1</sup></a> equivalent	<a href="#">C-ID<sup>2</sup></a> equivalent	
General Education Requirements (40 semester Units)	<b>English Language &amp; Communications &amp; Critical Thinking</b> (12 semester credits)	<b>ENGL101</b> Expository Writing	<b>ENGL 101.0</b> English Composition & Reading <b>or</b> <b>ENGL 101H</b> Honors Composition & Reading	A2	ENGL100
	<b>ENGL115</b> Public Speaking	<b>CMST 109</b> Public Speaking	A1	COMM110	
	<b>ENGL425</b> Modern American Literature	<b>ENGL 231</b> Survey of American Literature 1865 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	
	<b>Mathematics &amp; Natural Sciences</b> (16 semester credits in BSCS)	<b>MATH201</b> Calculus I	<b>MATH 226</b> Analytic Geometry & Calculus I <b>or</b> <b>MATH 226H</b> Honors Analytic Geometry & Calculus I	n/a	MATH 210
	<b>MATH202</b> Calculus II	<b>MATH 227</b> Analytic Geometry & Calculus II <b>or</b> <b>MATH 227H</b> Honors Analytic Geometry & Calculus II	n/a	MATH 220	
	<b>MATH203</b> Linear Algebra	<b>MATH 231</b> Linear Algebra	n/a	MATH 250	
	<b>MATH208</b> Probability and Statistics	<b>MATH 120</b> Introduction to Statistics <b>or</b> <b>MATH 120H</b> Honors Introduction to Statistics <b>or</b> <b>MATH 120S</b> Introduction to Statistics with Skills Support	n/a	MATH 110	
	<b>PHYS201/201L</b> Physics I with Lab	<b>PHYS 201</b> Engineering Physics I-Mechanics <b>or</b> 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	

<sup>1</sup> Courses without a CSU GE Breadth Designator will be evaluated individually

<sup>2</sup> Courses without a C-ID designator will be evaluated individually

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<b>Arts &amp; Humanities</b> (6 semester credits)				
<b>Social Sciences</b> (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)

<b>Core Course Requirements</b> (50 units BSCS)	<b>BUS450</b> Professional and Technical Writing	<b>BADM 144</b> Business Communications
	<b>CE305</b> Computer Organization	<b>CIS 208</b> Computer Architecture & Organization
	<b>CS200</b> Discrete Logic	<b>CIS 264</b> Discrete Structures
	<b>CS230/230L</b> Linux & Shell Scripting/Lab	<b>CIS 190</b> Introduction to the Unix Operating System
	<b>CS250/250L</b> Introduction to Programming/Lab	<b>CIS 201</b> Programming Concepts and Methods I <u>or</u> <b>CIS 221</b> Programming Concepts & Methodology I
	<b>CS350/350L</b> Data Structures/Lab	<b>CIS 202</b> Programming Concepts & Methods II
	<b>CS457/457L</b> Data Modeling & Implementation Tech/Database Technologies Lab	<b>CIS 282</b> Structured Query Language
	<b>CS480/480L</b> Java and Internet Applications/ Java Programming Lab	<b>CIS 206</b> Programming JAVA
	<b>CS487</b> Object-Oriented Design and Implementations	<b>CIS 104</b> Object Oriented Analysis & Design
	All other major course requirements not listed above (18 units)	No equivalent courses
<b>Specialization Course Requirement</b> (15 units BSCS)	<b>CS470</b> Network Engineering and Management	<b>ELCT 78A</b> Network Fundamentals
	<b>CS485</b> JavaScript & Internet Programing	<b>CIS 205</b> JavaScript
	Complete three additional Specialization Courses (9 units)	No equivalent courses

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<b>Electives</b>	15 semester credits in area	15 semester credits Any course identified as transferable to CSU or UC.
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### San Francisco Bay University (SFBU) & Victor Valley College

#### SFBU Bachelor of Science in Business Administration (BSBA)

SFBU Degree Requirements	Required SFBU course or course category	Specific Victor Valley College Course(s) (2021 – 2022 Catalog)	<a href="#">CSU GE Breadth</a> <sup>1</sup> equivalent	<a href="#">C-ID</a> <sup>2</sup> equivalent	
<b>General Education Requirements (36 semester Units)</b>	<b>English Language &amp; Communications &amp; Critical Thinking</b> (12 semester credits)	<b>ENGL101</b> Expository Writing	<b>ENGL 101.0</b> English Composition & Reading <b>or</b> <b>ENGL 101H</b> Honors Composition & Reading	A2	ENGL100
		<b>ENGL115</b> Public Speaking	<b>CMST 109</b> Public Speaking	A1	COMM110
		<b>ENGL425</b> Modern American Literature	<b>ENGL 231</b> Survey of American Literature 1865 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
	<b>Mathematics &amp; Natural Sciences</b> (9 semester credits in BSBA)	<b>MATH208</b> Probability and Statistics	<b>MATH 120</b> Introduction to Statistics <b>or</b> <b>MATH 120H</b> Honors Introduction to Statistics <b>or</b> <b>MATH 120S</b> Introduction to Statistics with Skills Support	n/a	MATH 110
		<b>PHYS 101</b> Introduction to Physical Sciences	<b>PHYS 221</b> General Physics I <b>or</b> <b>PHYS 150</b> College Physics I <b>or</b> 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
	<b>Arts &amp; Humanities</b> (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a
	<b>Social Sciences</b> (9 semester credits)	9 credits in area	9 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a

<sup>1</sup> Courses without a CSU GE Breadth Designator will be evaluated individually

<sup>2</sup> Courses without a C-ID designator will be evaluated individually

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### San Francisco Bay University (SFBU) & Victor Valley College

<b>Major Course Requirements (60 credits BSBA)</b>		
<b>Core Course Requirements</b> (45 credits BSBA)	<b>ACC110</b> Financial Accounting I	<b>BADM 103</b> Financial Accounting Fundamentals
	<b>BAN199</b> Excel for Finance, Accounting & Analytics	<b>BET 112</b> Spreadsheet: Excel for Windows A/B/C
	<b>BLAW310</b> Introduction to Business Law	<b>BADM 117</b> Legal Environment of Business <b>or</b> <b>BADM 118</b> Business Law
	<b>BUS450</b> Professional & Technical Writing	<b>BADM 144</b> Business Communications
	<b>ECON201</b> Principles of Macroeconomics	<b>ECON 101</b> Principles of Economics: Macro
	<b>ECON202</b> Principles of Microeconomics	<b>ECON 102</b> Principles of Economics: Micro
	<b>IT221</b> HTML & CSS Web Page Construction	<b>CIS 137</b> Introduction to HTML
	<b>MGT310</b> Principles of Management	<b>BADM 110</b> Principles of Management
	<b>MKT310</b> Principles of Marketing	<b>BADM 112</b> Introduction to Marketing
	All other major course requirements not listed above (19 units)	No equivalent courses
<b>Specialization Course Requirement</b> (15 units BSBA)	<b>ACC120</b> Managerial Accounting II	<b>BADM 104</b> Managerial Accounting
	<b>CPT401</b> Curricular Practicum	<b>BAD 138</b> Coop Ed Bus Admin.
	<b>CPT402</b> Curricular Practicum	<b>BAD 138</b> Coop Ed Bus Admin.
	<b>IT223</b> SQL & Relational Databases	<b>CIS 280</b> Fundamentals of Database Management Systems
	<b>IT337</b> JavaScript	<b>CIS 205</b> JavaScript
	Complete one additional Specialization Course (3 units)	No equivalent courses
<b>Electives</b>	24 semester credits in area	24 semester credits Any course identified as transferable to CSU or UC.