

## Transfer Guide

### San Francisco Bay University (SFBU) & College of the Desert

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

SFBU Degree Requirements	Required SFBU course or course category	Specific College of the Desert Course(s)	CSU GE Breadth <sup>1</sup> equivalent	C-ID <sup>2</sup> equivalent	
General Education Requirements (40 semester Units)	<b>English Language &amp; Communications &amp; Critical Thinking</b> (12 semester credits)	ENGL101 Expository Writing	ENG 001A Composition	A2	ENGL100
		ENGL115 Public Speaking	COMM 001 Introduction to Public Speaking	A1	COMM110
		ENGL425 Modern American Literature	ENG 010B 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
	<b>Mathematics &amp; Natural Sciences</b> (16 semester credits in BSCS)	MATH201 Calculus I	MATH 001A Calculus	n/a	MATH 210
		MATH202 Calculus II	MATH 001B Calculus	n/a	MATH 220
		MATH203 Linear Algebra	MATH 002B Linear Algebra	n/a	MATH 250
		MATH208 Probability and Statistics	MATH 014 Statistical Methods	n/a	MATH 110
		PHYS201/201L Physics I with Lab	PH 003A Engineering Physics <u>or</u> 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
	<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> (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)

<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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SFBU Degree Requirements	Required SFBU course or course category	Specific College of the Desert Course(s)
<b>Core Course Requirements</b> (50 units BSCS)	<b>BUS450</b> Professional and Technical Writing	<b>BUMA 094</b> Business Communications
	<b>CE305</b> Computer Organization	<b>CS 008</b> Computer Architecture & Organization
	<b>CS200</b> Discrete Logic	<b>MATH 015</b> Discrete Mathematics for Computers
	<b>CS230/230L</b> Linux & Shell Scripting/Lab	<b>CIS 030</b> Introduction to Linux Operating System <i>(Meets requirement for CS230L; SFBU Lecture course required for unit difference)</i>
	<b>CS250/250L</b> Introduction to Programming/Lab	<b>CIS 087</b> Introduction to Programming Using Python <i>(Meets requirement for CS250L; SFBU Lecture course required for unit difference)</i>
	<b>CS350/350L</b> Data Structures/Lab	<b>CS 009</b> Data Structures & Algorithms
	<b>CS360/360L</b> Programming in C and C++/Lab	<b>CS 007A</b> Computer Science I <b>and</b> <b>CS 007B</b> Computer Science II
	<b>CS457/457L</b> Data Modeling & Implementation Tech/Database Technologies Lab	<b>CIS 080</b> Database Management Systems <i>(Meets requirement for CS457L; SFBU Lecture course required for unit difference)</i>
	All other major course requirements not listed above (24 units)	No equivalent courses
<b>Specialization Course Requirement</b> (15 units BSCS)	<b>CS470</b> Network Engineering and Management	<b>CIS 053</b> Computer Network Fundamentals
	<b>CS477</b> Ethical Hacking & Penetration Testing	<b>CIS 064</b> Intro to Cybersecurity: Ethical Hacking
	<b>CS485</b> JavaScript & Internet Programing	<b>CIS 085C</b> Dynamic Website Design
	Complete two additional Specialization Courses (6 units)	No equivalent courses
<b>Electives</b>	15 semester credits in area	15 semester credits Any course identified as transferable to CSU or UC.

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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 College of the Desert 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 the Desert Course(s)	CSU GE Breadth <sup>1</sup> equivalent	C-ID <sup>2</sup> equivalent	
General Education Requirements (36 semester Units)	<b>English Language &amp; Communications &amp; Critical Thinking</b> (12 semester credits)	ENGL101 Expository Writing	ENG 001A Composition	A2	ENGL100
		ENGL115 Public Speaking	COMM 001 Introduction to Public Speaking	A1	COMM110
		ENGL425 Modern American Literature	ENG 010B 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
	<b>Mathematics &amp; Natural Sciences</b> (9 semester credits in BSBA)	MATH208 Probability & Statistics	MATH 014 Statistical Methods <u>or</u> BUMA 003 Business Statistics	n/a	MATH 110
		PHYS 101 Introduction to Physical Sciences	PH 002A College 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
	<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) & College of the Desert

Major Course Requirements (60 credits BSBA)		
SFBU Degree Requirements	Required SFBU course or course category	Specific College of the Desert Course(s)
<b>Core Course Requirements</b> (45 credits BSBA)	ACC110 Financial Accounting I	BUAC 020A Financial Accounting
	BAN199 Excel for Finance, Accounting & Analytics	AIS 007B Advanced Excel <u>or</u> BUAC 019 Excel Spreadsheets for Accounting
	BLAW310 Introduction to Business Law	BUMA 020A Business Law I
	BUS450 Professional & Technical Writing	BUMA 094 Business Communications
	ECON201 Principles of Macroeconomics	ECON 001 Principles of Macroeconomics
	ECON202 Principles of Microeconomics	ECON 002 Principles of Microeconomics
	MGT310 Principles of Management	BUMA 001 Principles of Management
	MKT221 HTML & CSS Web Page Construction	CIS 082C Front End Web Development
	MKT310 Principles of Marketing	BUMA 027 Marketing
	All other major course requirements not listed above (19 units)	No equivalent courses
<b>Specialization Course Requirement</b> (15 units BSBA)	ACC110L Financial Accounting Lab <u>and</u> ACC120L Managerial Accounting Lab	BUAC 010 Accounting with QuickBooks
	ACC120 Managerial Accounting II	BUAC 020B Managerial Accounting
	CPT401 Curricular Practicum	BUMA 095A Business Management Work Experience <u>or</u> BUAC 095A Accounting Work Experience
	CPT402 Curricular Practicum	BUMA 095A Business Management Work Experience <u>or</u> BUAC 095A Accounting Work Experience
	BAN223 SQL & Relational Databases	CIS 080 Database Management Systems
	BAN335 Python Introduction for Commerce	CIS 087 Introduction to Programming Using Python
	BAN337 JavaScript	CIS 085C Dynamic Website Design

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### San Francisco Bay University (SFBU) & College of the Desert

	Complete Five Specialization Courses from above	Equivalent courses listed above
<b>Electives</b>	24 semester credits in area	24 semester credits Any course identified as transferable to CSU or UC.