San Francisco Bay University (SFBU) & Evergreen Valley College

SFBU Bachelor of Science in Computer Science (BSCS)				
SFBU Degree Requirements	**Required SFBU course or course category**	**Specific Evergreen Valley College Course(s) (2021-2022 Catalog)**	**CSU GE Breadth[1] equivalent**	**C-ID[2] equivalent**
English Language & Communications & Critical Thinking (12 semester credits)	**ENGL 101** Expository Writing	**ENGL 001A** English Composition	A2/A3	ENGL100/ ENGL110
	ENGL 115 Public Speaking	**COMS 020** Oral Communication	A1	COMM 110
	ENGL 425 Modern American Literature	**ENGL 084B** Survey of 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)	**MATH 201** Calculus I	**MATH 066** Calculus I Late Transcendentals for Stem **or MATH 071** Calculus I with Analytic Geometry	n/a	MATH 210
	MATH 202 Calculus II	**MATH 067** Calculus II Late Transcendentals for Stem **or MATH 072** Calculus II with Analytic Geometry	n/a	MATH 220
	MATH 203 Linear Algebra	**MATH 079** Linear Algebra	n/a	MATH 250
	MATH 208 Probability and Statistics	**MATH 063** Elementary Statistics **or** **BUS 060** Fundamentals of Business Statistics	n/a	MATH 110
	PHYS 201/201L Physics I with Lab	**PHYS 004A** General Physics **or PHYS 007A** Calculus-Based General Physics for Scientists & Engineers – I **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

General Education Requirements (40 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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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
Major Course Requirements (65 credits BSCS)				
Core Course Requirements (50 units BSCS)	**CE305** Computer Organization	**COMSC 077** Introduction to Computer Systems	n/a	COMP 142
	CS 200 Discrete Logic	**COMSC 072** Discrete Mathematics **or** **COMSC 080** Discrete Structures	n/a	COMP 152
	CS230/230L Linux & Shell Scripting/Lab	**CIT 050** Introduction to UNIX/LINUX **and** **CIT 052** UNIX/LINUX Shell Programming	n/a	n/a
	CS250/250L Introduction to Programming/Lab	**COMSC 075** Computer Science I: Introduction to Program Structures **and** **CIT 134A** Programming in Python	n/a	n/a
	CS360/360L Programming in C and C++/Lab	**COMSC 079C** Programming in C **and** (**CIT 130A** Introduction to Programming Concepts & Methodologies in C++ **or** **ENGR 050** Introduction to Computing)	n/a	COMP 122
	CS480/480L Java and Internet Applications/ Java Programming Lab	**CIT 132** Advanced Java Programming	n/a	n/a
	P450 Career Development	**COUNS 013** Career Planning	n/a	n/a
	All other major course requirements not listed above (27 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSCS)	**CS470** Network Engineering and Management	**CIT 073** Fundamentals of Data Communications & Networking **and** **CIT 076** Introduction to Wide Area Networks, Network Security & IP Addressing Services (CCNA)	n/a	n/a

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	CS 477 Ethical Hacking & Penetration Testing	**CIT 164** Introduction to Cybersecurity: Ethical Hacking	n/a	n/a
	CS485 JavaScript & Internet Programing	**CIT 041J** JavaScript/Dynamic HTML	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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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 Evergreen Valley 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 are 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 Evergreen Valley College Course(s) (2021 – 2022 Catalog)	CSU GE Breadth[1] equivalent	C-ID[2] equivalent
General Education Requirements (36 semester Units)	**English Language & Communications & Critical Thinking** (12 semester credits)	**ENGL 101** Expository Writing	**ENGL 001A** English Composition	A2/A3	ENGL100/ ENGL110
		ENGL 115 Public Speaking	**COMS 020** Oral Communication	A1	COMM 110
		ENGL 425 Modern American Literature	**ENGL 084B** Survey of 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)	**MATH 208** Probability and Statistics	**MATH 063** Elementary Statistics **or** **BUS 060** Fundamentals of Business Statistics	n/a	MATH 110
		PHYS 101 Introduction to Physical Sciences	Any course in 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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[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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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)	**ACC 110** Financial Accounting I	**ACCTG 001A** Principles of Financial Accounting	n/a	ACCT 110
	BAN199 Excel for Finance, Accounting & Analytics	**BIS 102** Microsoft Excel	n/a	n/a
	BLAW310 Introduction to Business Law	**BUS 071** Legal Environment of Business **or** **AJ 117** Introduction to Cybercrime	n/a	BUS 125
	ECON201 Principles of Macroeconomics	**ECON 010A** Principles of Macroeconomic Theory	n/a	ECON 202
	ECON202 Principles of Microeconomics	**ECON 010B** Introduction to Microeconomic Theory	n/a	ECON 201
	IT221 HTML & CSS Web Page Construction	**CIT 041X** Introduction to XML	n/a	n/a
	MGT310 Principles of Management	**BUS 065** Concepts of Management	n/a	n/a
	MKT310 Principles of Marketing	**BUS 084** Introduction to Marketing Principles	n/a	n/a
	P450 Career Development	**COUNS 013** Career Planning	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 001B** Managerial Accounting	n/a	ACCT 120
	IT223 SQL & Relational Databases	**CIT 043A** PHP & MYSQL	n/a	ITIS 180
	IT335 Python Introduction for Commerce	**CIT 134A** Programming in Python **or** **CIT 134B** Advanced Python Programming	n/a	ITIS 180
	IT337 JavaScript	**CIT 041J** JavaScript/Dynamic HTML	n/a	n/a
	Complete Five Specialization Courses from above (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   **January 14, 2022**
SFBU Staff Member (name, title)   Date