

Articulation Agreement

San Francisco Bay University (SFBU) & Glendale Community College

SFBU Bachelor of Science in Computer Science (BSCS)

SFBU Bachelor of Science in Computer Science (BSCS)					
SFBU Degree Requirements	Required SFBU course or course category	Specific Glendale Community College Course(s)	<u>CSU GE Breadth¹</u> equivalent	<u>C-ID²</u> equivalent	
General Education Requirements (40 semester Units)	English Language & Communications & Critical Thinking (12 semester credits)	ENGL101 Expository Writing	ENGL 101 Introduction to College Reading & Composition or ENGL 101+ Introduction to College Reading & Composition or ENGL 101H HONORS Introduction to College Reading & Composition	A2	ENGL100
		ENGL115 Public Speaking	SPCH 101 Public Speaking	A1	COMM110
		ENGL425 Modern American Literature	ENGL 123 American Literature From 1865 To the 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 103E Calculus & Analytic Geometry I or MATH 103EH Honors Calculus & Analytic Geometry I	n/a	MATH 210
		MATH202 Calculus II	MATH 104E Calculus & Analytic Geometry II or MATH 104EH Honors Calculus & Analytic Geometry II	n/a	MATH 220
		MATH203 Linear Algebra	MATH 107 Linear Algebra or MATH 107H Honors Linear Algebra	n/a	MATH 250

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² Courses without a C-ID designator will be evaluated individually

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		MATH208 Probability and Statistics	MATH 136 Statistics <u>or</u> MATH 136H Honors Statistics <u>or</u> MATH 136+ Statistics with Support <u>or</u> ECON 127 Introductory Statistics for Economics & Business	n/a	MATH 110
		PHYS201/201L Physics I with Lab	PHY 101 Physics for Scientists & Engineers: A <u>or</u> PHY 101H Honors Physics for Scientists & Engineers: A <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
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)

SFBU Degree Requirements	Required SFBU course or course category	Specific Glendale Community College Course(s)
Core Course Requirements (50 units BSCS)	BUS450 Professional and Technical Writing	BUSAD 106 Written Business Communications <u>or</u> T ED 140 Fundamentals of Technical Documentation & Communication
	CE305 Computer Organization	CS/IS 165 Computer Architecture & Assembly Language
	CS200 Discrete Logic	CS/IS 125 Discrete Structures for Computing
	CS230/230L Linux & Shell Scripting/Lab	CS/IS 172 UNIX/LINUX Operating System <u>or</u> CS/IS 174 UNIX/LINUX System Administration
	CS250/250L Introduction to Programming/Lab	CS/IS 151 Python Programming <i>(Meets CS250 requirements; CS250L not met)</i>
	CS350/350L Data Structures/Lab	CS/IS 211 Data Structures

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	CS360/360L Programming in C and C++/Lab	CS/IS 135 Programming in C/C++ and (CS/IS 137 C++ & Advanced Topics or SFBU lecture course to meet unit difference requirement)
	CS455 Algorithms & Structured Programming	CS/IS 130 Introduction to Algorithms
	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	CS/IS 234 Introduction to Databases & SQL (Meets CS457 requirements; CS457L not met)
	CS480/480L Java and Internet Applications/ Java Programming Lab	CS/IS 112 Introduction to Programming Using Java (Meets CS480L; SFBU lecture course to meet unit difference) or CS/IS 139 Java (Meets CS480L; SFBU lecture course to meet unit difference)
	P450 Career Development	ST DV 125 Career Planning
	All other major course requirements not listed above (17 units)	No equivalent courses
Specialization Course Requirement (15 units BSCS)	CS470 Network Engineering and Management	CS/IS 190 Introduction to Computer Networks
	CS477 Ethical Hacking & Penetration Testing	CS/IS 193 Introduction to Cybersecurity: Ethical Hacking
	CS485 JavaScript & Internet Programing	CS/IS 262 JavaScript & jQuery
	Complete two additional Specialization Courses (6 units)	No equivalent courses
Electives	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 Glendale Community 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 Glendale Community College Course(s)	CSU GE Breadth ¹ equivalent	C-ID ² equivalent	
General Education Requirements (36 semester Units)	English Language & Communications & Critical Thinking (12 semester credits)	ENGL101 Expository Writing	ENGL 101 Introduction to College Reading & Composition <u>or</u> ENGL 101+ Introduction to College Reading & Composition <u>or</u> ENGL 101H HONORS Introduction to College Reading & Composition	A2	ENGL100
		ENGL115 Public Speaking	SPCH 101 Public Speaking	A1	COMM110
		ENGL425 Modern American Literature	ENGL 123 American Literature From 1865 To the 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 & Statistics	MATH 136 Statistics <u>or</u> MATH 136H Honors Statistics <u>or</u> MATH 136+ Statistics with Support <u>or</u> ECON 127 Introductory Statistics for Economics & Business	n/a	MATH 110
		PHYS 101 Introduction to Physical Sciences	PHY 105 Algebra-Based Physics: A <u>or</u> PHY 110 Introduction to Physics <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

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	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

Major Course Requirements (60 credits BSBA)

SFBU Degree Requirements	Required SFBU course or course category	Specific Glendale Community College Course(s)
Core Course Requirements (45 credits BSBA)	ACC110 Financial Accounting	ACCTG 101 Financial Accounting
	BAN199 Excel for Finance, Accounting & Analytics	CABOT 270 Microsoft Excel I
	BLAW310 Introduction to Business Law	BUSAD 120 Business Law I
	BUS450 Professional & Technical Writing	BUSAD 106 Written Business Communications
	ECON201 Principles of Macroeconomics	ECON 102 Principles of Macroeconomics or ECON 102H Honors Principles of Macroeconomics
	ECON202 Principles of Microeconomics	ECON 101 Principles of Microeconomics
	FIN310 Fundamentals of Finance	BUSAD 131 Introduction to Finance
	MGT310 Principles of Management	BUSAD 141 Introduction to Management
	MKT221 HTML & CSS Web Page Construction	CS/IS 260 Introduction to Web Site Development
	MKT310 Principles of Marketing	BUSAD 162 Principles of Marketing
	P450 Career Development	ST DV 125 Career Planning or ST DV 130 Professional Career Paths - Business
All other major course requirements not listed above (15 units)	No equivalent courses	

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Specialization Course Requirement (15 units BSBA)	ACC110 Financial Accounting Lab and ACC120L Managerial Accounting Lab	ACCTG 120 Computerized Accounting Systems
	ACC120 Managerial Accounting II	ACCTG 102 Managerial Accounting
	CPT401 Curricular Practicum	BUSAD 50 Business Internship or ACCTG 50 Accounting Internship
	CPT402 Curricular Practicum	BUSAD 50 Business Internship or ACCTG 50 Accounting Internship
	BAN223 SQL & Relational Databases	CS/IS 234 Introduction to Databases & SQL
	BAN335 Python Introduction for Commerce	CS/IS 151 Python Programming
	BAN337 JavaScript	CS/IS 262 JavaScript & jQuery
	Complete Five Specialization Courses from above	Equivalent courses listed above
Electives	24 semester credits in area	24 semester credits Any course identified as transferable to CSU or UC.

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
SFBU Staff Member (name, title)

August 25, 2023
Date