Transfer Guide (2022)

San Francisco Bay University (SFBU) & Solano College

SFBU Bachelor of Science in Computer Science (BSCS)				
SFBU Degree Requirements	**Required SFBU course or course category**	**Specific Solano College Course(s) (2021 – 2022 Catalog)**	**CSU GE Breadth[1] equivalent**	**C-ID[2] equivalent**
English Language & Communications & Critical Thinking (12 semester credits)	**ENGL101** Expository Writing	**ENGL 001** College Composition	A2/A3	ENGL100/ ENGL110
	ENGL115 Public Speaking	**COMM 001** Introduction to Public Speaking	A1	COMM 110
	ENGL425 Modern American Literature	**ENGL 031** 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)	**MATH201** Calculus I	**MATH 020** Analytic Geometry & Calculus I	n/a	MATH 210
	MATH202 Calculus II	**MATH 021** Analytic Geometry & Calculus II	n/a	MATH 220
	MATH203 Linear Algebra	**MATH 040** Introduction to Linear Algebra	n/a	MATH 250
	MATH208 Probability and Statistics	**MATH 011** Elementary Statistics	n/a	MATH 110
	PHYS201/201L Physics I with Lab	**PHYS 006** Physics for Science & Engineering **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 semester credits)	6 credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a

General Education Requirements (40 semester Units)

[1] Courses without a CSU GE Breadth Designator will be evaluated individually

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

San Francisco Bay University (SFBU) & Solano College

Major Course Requirements (65 credits BSCS)				
Core Course Requirements (50 units BSCS)	**BUS450** Professional and Technical Writing	**ENGL 400** Advanced Technical Writing: Writing In The Scientific Professions	n/a	BUS 115
	CE305 Computer Organization	**CIS 020** Assembly Programming	n/a	COMP 142
	CS 200 Discrete Logic	**CIS 021** Discrete Structures for Computer Science	n/a	COMP 152
	CS230/230L Linux & Shell Scripting/Lab	**CIS 052** UNIX Operating System *(Meets CS230 requirement; CS230L not met)*	n/a	n/a
	CS250/250L Introduction to Programming/Lab	**CS 120** Python 1: Fundamentals **or** **CIS 022** Introduction to Programming *(Meets CS250L requirement; NPU lecture course needed for hour deficiency)*	n/a	n/a
	CS350/350L Data Structures/Lab	**CIS 023** Data Structures & Algorithms **or** **CS 112** C++ 2: Program Design & Data Structures **or** **CS 122** Python 2: Program Design & Data Structures *(Meets CS350L requirement; NPU lecture course needed for hour deficiency)*	n/a	COMP 132
	CS360/360L Programming in C and C++/Lab	**CS 110** C++ 1: Fundamentals *(Meets CS360L requirement; NPU lecture course needed for hour deficiency)*	n/a	COMP 122
	CS380 Operating Systems	**CIS 164** A+ Computer Operating Systems Technology	n/a	n/a
	CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab	**CIS 080** SQL Database Management Systems *(Meets CS457 requirement; CS457L not met)*	n/a	n/a
	CS480/480L Java and Internet Applications/ Java Programming Lab	**CIS 035** Introduction to Java Programming **or** **CS 130** Java 1: Fundamentals *(Meets CS360L requirement; NPU lecture course needed for hour deficiency)*	n/a	n/a
	All other major course requirements not listed above (20 units)	No equivalent courses	n/a	n/a

Transfer Guide (2022)

San Francisco Bay University (SFBU) & Solano College

Specialization Course Requirement (15 units BSCS)	**CS470** Network Engineering and Management	**CIS 089** Essential Networking Technologies **or** **CIS 166** Computer Network+ Technology	n/a	n/a
	Complete four additional Specialization Courses (12 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

Transfer Guide (2022)

San Francisco Bay University (SFBU) & Solano College

SFBU Bachelor of Science in Business Administration (BSBA)				
SFBU Degree Requirements	**Required SFBU course or course category**	**Specific Solano 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)	**ENGL101** Expository Writing	**ENGL 001** College Composition	A2/A3	ENGL100/ ENGL110
	ENGL115 Public Speaking	**COMM 001** Introduction to Public Speaking	A1	COMM110
	ENGL425 Modern American Literature	**ENGL 031** 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)	**MATH208** Probability and Statistics	**MATH 011** Elementary Statistics	n/a	MATH 110
	PHYS101 Introduction to Physical Sciences	**PHYS 002 GENERAL PHYSICS (NON-CALCULUS),** 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

---

[1] Courses without a CSU GE Breadth Designator will be evaluated individually

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

Transfer Guide (2022)

San Francisco Bay University (SFBU) & Solano College

Major Course Requirements (60 credits BSBA)				
Core Course Requirements (45 credits BSBA)	**ACC110** Financial Accounting I	**ACCT 001** Principles of Accounting – Financial **or** **ACCT 180** Introduction to Accounting	n/a	ACCT 110
	BAN199 Excel for Finance, Accounting & Analytics	**CIS 073** Microsoft Excel	n/a	n/a
	BLAW310 Introduction to Business Law	**BUS 018** Legal Environment of Business	n/a	BUS 125
	BUS450 Professional & Technical Writing	**ENGL 400** Advanced Technical Writing: Writing in The Scientific Professions	n/a	n/a
	ECON201 Principles of Macroeconomics	**ECON 001** Principles of Economics (Macroeconomics)	n/a	ECON 202
	ECON202 Principles of Microeconomics	**ECON 002** Principles of Economics (Microeconomics)	n/a	ECON 201
	IT221 HTML & CSS Web Page Construction	**CIS 061** Creating Web Pages	n/a	n/a
	MGT310 Principles of Management	**MGMT 050** Principles of Management	n/a	n/a
	MKT310 Principles of Marketing	**MKT 171** Introduction to Marketing	n/a	n/a
	All other major course requirements not listed above (19 units)	No equivalent courses	n/a	n/a
Specialization Course Requirement (15 units BSBA)	**ACC120** Managerial Accounting II	**ACCT 002** Principles of Accounting - Managerial	n/a	ACCT 120
	CPT401 Curricular Practicum	**OCED 090** Occupational Work Experience	n/a	n/a
	CPT402 Curricular Practicum	**OCED 090** Occupational Work Experience	n/a	n/a
	IT223 SQL & Relational Databases	**CIS 078** Access - Database Management System **or** **CIS 080** SQL Database Management Systems	n/a	ITIS 180
	IT335 Python Introduction for Commerce	**CS 120** Python 1: Fundamentals **or** **CS 122** Python 2: Program Design & Data Structures	n/a	ITIS 180
	Complete one additional Specialization Course (3 units)	No equivalent courses	n/a	n/a

Transfer Guide (2022)

San Francisco Bay University (SFBU) & Solano College

Electives	24 semester credits in area	24 semester credits Any course identified as transferable to CSU or UC.	n/a	n/a