Transfer Guide (2022)

San Francisco Bay University (SFBU) & Los Medanos College

SFBU Bachelor of Science in Computer Science (BSCS)				
SFBU Degree Requirements	**Required SFBU course or course category**	**Specific Los Medanos 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-100** College Composition	A2/A3	ENGL100/ ENGL110
	ENGL 115 Public Speaking	**ENGL-100E** Enhanced College Composition	A1	COMM 110
	ENGL 425 Modern American Literature	**SPCH-110** Speech Communication	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-210** Calculus & Analytic Geometry I	n/a	MATH 210
	MATH 202 Calculus II	**MATH-220** Calculus & Analytic Geometry II	n/a	MATH 220
	MATH 203 Linear Algebra	**MATH-250** Linear Algebra	n/a	MATH 250
	MATH 208 Probability and Statistics	**MATH-110** Introduction to Statistics	n/a	MATH 110
	PHYS 201/201L Physics I with Lab	**PHYS-040** 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
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)

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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

San Francisco Bay University (SFBU) & Los Medanos College

Major Course Requirements (65 credits BSCS)				
Core Course Requirements (50 units BSCS)	**CE305** Computer Organization	**COMSC-142** Computer Architecture & Organization	n/a	COMP 142
	CS 200 Discrete Logic	**MATH-160** Discrete Math	n/a	COMP 152
	CS250/250L Introduction to Programming/Lab	**COMSC-122** Programming Concepts & Methodologies I *(Meets CS250 requirement; CS250L not met)*	n/a	n/a
	CS350/350L Data Structures/Lab	**COMSC-132** Programming Concepts & Methodologies II *(Meets CS350 requirement; CS350L not met)*	n/a	COMP 132
	CS360/360L Programming in C and C++/Lab	**COMSC-044** Introduction to C++ Programming *(Meets CS360 requirement; CS360L not met)* **or** **ENGIN-020** Programming with C++ For Engineers & Scientists	n/a	COMP 122
	CS480/480L Java and Internet Applications/ Java Programming Lab	**COMSC-051** Java for Programmers *(Meets CS480L requirement; SFBU lecture course needed for hour deficiency)*	n/a	n/a
	P450 Career Development	**COUNS-036** Career & Life 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	**COMSC-010** Computer Network Fundamentals	n/a	n/a
	CS 477 Ethical Hacking & Penetration Testing	**COMSC-121** Introduction to Cybersecurity –Ethical Hacking	n/a	n/a
	Complete three additional Specialization Courses (9 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) & Los Medanos College

SFBU Bachelor of Science in Business Administration (BSBA)				
SFBU Degree Requirements	Required SFBU course or course category	Specific Los Medanos 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-100** College Composition	A2/A3	ENGL100/ ENGL110
	ENGL 115 Public Speaking	**ENGL-100E** Enhanced College Composition	A1	COMM 110
	ENGL 425 Modern American Literature	**SPCH-110** Speech Communication	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-110** Introduction to Statistics	n/a	MATH 110
	PHYS 101 Introduction to Physical Sciences	**PHYS-035** College Physics I, **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
Major Course Requirements (60 credits BSBA)				
	ACC 110 Financial Accounting I	**BUS-186** Financial Accounting	n/a	ACCT 110

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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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San Francisco Bay University (SFBU) & Los Medanos College

Core Course Requirements (45 credits BSBA)	**BAN199** Excel for Finance, Accounting & Analytics	**BUS-019** Intermediate MS Excel 3	n/a	n/a
	BLAW310 Introduction to Business Law	**BUS-294** Business Law	n/a	BUS 125
	ECON201 Principles of Macroeconomics	**ECON-011** Principles of Macroeconomics	n/a	ECON 202
	ECON202 Principles of Microeconomics	**ECON-010** Principles of Microeconomics	n/a	ECON 201
	IT221 HTML & CSS Web Page Construction	**COMSC-030** Web Site Development-Part I **and** **COMSC-031** Web Site Development - Part II	n/a	n/a
	MGT310 Principles of Management	**MANGT-050** Introduction to Management	n/a	n/a
	P450 Career Development	**COUNS-036** Career & Life 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	**BUS-187** Managerial Accounting	n/a	ACCT 120
	CPT401 Curricular Practicum*	**BUS-180** Internship in Business **or** MANGT-180 Internship in Management & Supervision	n/a	ITIS 180
	CPT402 Curricular Practicum*	**BUS-180** Internship in Business **or** MANGT-180 Internship in Management & Supervision	n/a	ITIS 180
	Complete two additional Specialization Courses (6 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

* Note: CPT carries a variable unit LMC; remainder units must go to SFBU electives if the course allows 4 units for transfer.