

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Madera 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 Madera Community College Course(s) (2021 – 2022 Catalog) | <u>CSU GE Breadth</u>¹ equivalent | <u>C-ID</u>² equivalent | |
| General Education Requirements (40 semester Units) | English Language & Communications & Critical Thinking (12 semester credits) | ENGL 101 Expository Writing | ENGL 1A Reading & Composition <u>or</u> ENGL 1AH Honors Reading & Composition | A2/A3 | ENGL100/ ENGL110 |
| | | ENGL 115 Public Speaking | COMM 1 Public Speaking <u>or</u> COMM 1H Honors Public Speaking | A1 | COMM 110 |
| | | ENGL 425 Modern American Literature | ENGL 43B American Literature: 1877 to 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) | MATH 201 Calculus I | MATH 5A Analysis I | n/a | MATH 210 |
| | | MATH 202 Calculus II | MATH 5B Analysis II | n/a | MATH 220 |
| | | MATH 203 Linear Algebra | MATH 17 Differential Equations & Linear Algebra | n/a | MATH 250 |
| | | MATH 208 Probability and Statistics | MATH 11 Elementary Statistics <u>or</u> MATH 11C Elementary Statistics with Support <u>or</u> STAT 7 Elementary Statistics <u>or</u> PLS 9 Biometrics <u>or</u> PSY 42 Statistics for the Behavioral Sciences | n/a | MATH 110 |
| | | PHYS 201/201L Physics I with Lab | PHYS 4A Physics for Scientists & Engineers, <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 |

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

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

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Madera Community College

| | | | | |
|---|---|--|-----|----------|
| 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 | CSCI 45 Computer Organization & Assembly Language Programming | n/a | COMP 142 |
| | CS 200 Discrete Logic | CSCI 26 Discrete Mathematics for Computer Science | n/a | COMP 152 |
| | CS350/350L Data Structures/Lab | CSCI 41 Programming Concepts & Methodology II | n/a | COMP 132 |
| | CS380 Operating Systems | IS 60 Operating Systems | n/a | n/a |
| | CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab | IS 26A Database Concepts & Design and IS 26B Advanced Database Concepts & Design | n/a | n/a |
| | CS480/480L Java and Internet Applications/ Java Programming Lab | IS 33 Beginning Java Programming or CSCI 5 Java Programming | n/a | n/a |
| | P450 Career Development | COUN 34 Career Awareness | n/a | n/a |
| | All other major course requirements not listed above (31 units) | No equivalent courses | n/a | n/a |
| Specialization Course Requirement (15 units BSCS) | CS470 Network Engineering and Management | IS 63 Computer Networking I | n/a | n/a |
| | CS 477 Ethical Hacking & Penetration Testing | IS 71 Cyber Security: 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 |

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Madera Community College

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 Madera 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 Madera Community College Course(s) (2021 – 2022 Catalog) | CSU GE Breadth¹ equivalent | C-ID² equivalent | |
| General Education Requirements (36 semester Units) | English Language & Communications & Critical Thinking (12 semester credits) | ENGL 101 Expository Writing | ENGL 1A Reading & Composition <u>or</u> ENGL 1AH Honors Reading & Composition | A2/A3 | ENGL100/ ENGL110 |
| | ENGL 115 Public Speaking | COMM 1 Public Speaking <u>or</u> COMM 1H Honors Public Speaking | A1 | COMM 110 | |
| | ENGL 425 Modern American Literature | ENGL 43B American Literature: 1877 to 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) | MATH 208 Probability and Statistics | MATH 11 Elementary Statistics <u>or</u> MATH 11C Elementary Statistics with Support <u>or</u> STAT 7 Elementary Statistics <u>or</u> PLS 9 Biometrics <u>or</u> PSY 42 Statistics for the Behavioral Sciences | n/a | MATH 110 |
| | PHYS 101 Introduction to Physical Sciences | PHYS 2A General 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 | |

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

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

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Madera Community College

| | | | | |
|---|---|---|-------|----------|
| 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) | | | | |
| Core Course Requirements (45 credits BSBA) | ACC 110 Financial Accounting I | ACCTG 4A Financial Accounting | n/a | ACCT 110 |
| | BLAW310 Introduction to Business Law | BA 18 Business Law & The Legal Environment | n/a | BUS 125 |
| | BUS450 Professional & Technical Writing | BA 5 Business Communications | n/a | n/a |
| | ECON201 Principles of Macroeconomics | ECON 1A Principles of Macroeconomics | n/a | ECON 202 |
| | ECON202 Principles of Microeconomics | ECON 1B Principles of Microeconomics | n/a | ECON 201 |
| | IT221 HTML & CSS Web Page Construction | IS 40A Web Development with Html or IS 40B Advanced Web Development | n/a | n/a |
| | MGT310 Principles of Management | BA 15 Introduction to Management | n/a | n/a |
| | MKT310 Principles of Marketing | MKTG 10 Marketing | n/a | n/a |
| | P450 Career Development | COUN 34 Career Awareness | n/a | n/a |
| | All other major course requirements not listed above (20 units) | No equivalent courses | n/a | n/a |
| Specialization Course Requirement (15 units BSBA) | ACC120 Managerial Accounting II | ACCTG 4B Managerial Accounting | n/a | ACCT 120 |
| | IT223 SQL & Relational Databases | IS 26A Database Concepts & Design | n/a | ITIS 180 |
| | Complete three additional Specialization Courses (9 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 |
| | | | | |

Articulation Agreement (2022)

San Francisco Bay University (SFBU) & Madera Community College

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)

January 14, 2022
Date