

Transfer Agreement (2021)

Northwestern Polytechnic University (NPU) & College of San Mateo

Only courses designated for transfer to CSU or UC are acceptable for transfer to NPU.

| NPU Bachelor of Science in Computer Science (BSCS) | | | | |
|---|--|---|---|---------------------------------|
| NPU Degree Requirements | Required NPU course or course category | Specific College of San Mateo Course(s) (2020 – 2021 Catalog) | CSU GE Breadth ¹ equivalent | C-ID ² equivalent |
| English & Communications (12 semester credits) | ENGL 101 Expository Writing | ENGL 100 or ENGL 105 | A2/A3 | ENGL 100/ ENGL 110 |
| | ENGL 115 Public Speaking | COMM 110 | A1 | COMM 110 |
| | ENGL 425 Modern American Literature | LIT 202 | 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 |
| Humanities (6 semester credits) | 6 credits in area | Any course with a CSU GE C1 and/or C2 designator | C1/C2 | n/a |
| Mathematics and Natural Sciences (16 semester credits in BSCS) | MATH 201 Calculus I | MATH 251 | n/a | MATH 210 |
| | MATH 202 Calculus II | MATH 252 | n/a | MATH 220 |
| | MATH 203 Linear Algebra | MATH 270 | n/a | MATH 250 |
| | MATH 208 Probability and Statistics | MATH 200 | n/a | MATH 110 |
| | PHYS 201/201L Physics I with Lab | PHYS 100+101, or PHYS 210+211, or PHYS 250, 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 |

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 (6 semester credits) | SOC 450 Emotional Intelligence | No equivalent courses | n/a | n/a |
| | 3 additional credits in area for BSCS, | 3 semester credits Any course(s) with CSU GE Breadth Area D | D | n/a |
| Major course requirements (65 units BSCS) | CS 200 Discrete Logic | CIS 262 | n/a | COMP 152 |
| | CE305 Computer Organization | CIS 264 | n/a | COMP 142 |
| | CS230/230L Unix/Linux & Shell Scripting/Lab | CIS 121 (Meets CS230 requirement; CS230L not met) | n/a | n/a |
| | CS250/250L Introduction to Programming/Lab | CIS 117 | n/a | n/a |
| | CS350/350L Data Structures/Lab | CIS 256, or CIS 279, or CIS 501 | n/a | n/a |
| | CS360/360L Programming in C and C++/Lab | CIS 278 | n/a | n/a |
| | CS457/457L Data Modeling & Implementation Tech/Database Technologies Lab | CIS 363 | n/a | n/a |
| | CS470 Network Engineering and Management | CIS 151 | n/a | n/a |
| | CS 477 Ethical Hacking & Penetration Testing | CIS 482 | n/a | n/a |
| | CS480/480L Java and Internet Applications/ Java Programming Lab | CIS 255 | n/a | n/a |
| | P450 Career Development | CRER 100 | n/a | n/a |
| | All other major course requirements not listed above (29 units) | No equivalent courses | n/a | n/a |
| Electives | 15 (BSCS) semester credits in area | 15 semester credits Any course identified as transferable to CSU or UC. | n/a | n/a |

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| NPU Bachelor's in Business Administration & Information Sciences (BBAIS) | | | | |
|--|--|--|---|---------------------------------|
| NPU Degree Requirements | Required NPU course or course category | Specific College of San Mateo Course(s) (2020 – 2021 Catalog) | CSU GE Breadth ¹ equivalent | C-ID ² equivalent |
| English & Communications (12 semester credits) | ENGL 101 Expository Writing | ENGL 100 or ENGL 105 | A2/A3 | ENGL 100/ ENGL110 |
| | ENGL 115 Public Speaking | COMM 110 | A1 | COMM 110 |
| | ENGL 425 Modern American Literature | LIT 202 | 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 |
| Humanities (6 semester credits) | 6 credits in area | Any course with a CSU GE C1 and/or C2 designator | C1/C2 | n/a |
| Mathematics and Natural Sciences (9 semester credits in BBAIS) | MATH 208 Probability and Statistics | MATH 200 | n/a | MATH 110 |
| | PHYS 101 Introduction to Physical Sciences | PHYS 210 , or PHYS 202 , or PHYS 250 , 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 |
| Social Sciences (9 semester credits) | SOC 450 Emotional Intelligence | No equivalent courses | n/a | n/a |
| | 6 additional credits in area for BBAIS | 6 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

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|--|---|--|-----|----------|
| Major Requirements (60 trimester credits BBAIS) | ACC 201 Principles of Accounting I | ACTG 121 | n/a | ACT 110 |
| | ACC 202 Principles of Accounting II | ACTG 131 | n/a | ACCT 120 |
| | BAN199 Excel for Finance, Accounting & Analytics | BUSW 418 | n/a | n/a |
| | BLAW310 Introduction to Business Law | BUS 201 | n/a | BUS 125 |
| | ECON 201 Macroeconomics | ECON 100 | n/a | ECON 202 |
| | ECON 202 Microeconomics | ECON 102 | n/a | ECON 201 |
| | IT221 HTML & CSS Web Page Construction | CIS 127 | n/a | n/a |
| | IT223 SQL & Relational Databases | CIS 132 | n/a | ITIS 180 |
| | IT335 Intro to Python for Commerce | CIS 117 | n/a | n/a |
| | IT337 JavaScript | CIS 114 or CIS 129 | n/a | n/a |
| | MKT310 Principles of Marketing | BUS 180 | n/a | n/a |
| | P450 Career Development | CRER 100 | n/a | n/a |
| | All other major course requirements not listed above (27 units) | No equivalent courses | | n/a |
| Electives | 24 (BBAIS) 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, NPU staff is responsible for updating the agreement.

Monica Sinha, Director of Admissions & Special Projects
NPU Staff Member (name, title)

December 2, 2020
Date