

## Articulation Agreement (2021)

### Northwestern Polytechnic University (NPU) & Merritt College

#### Introduction:

**Admissions Criteria:** A CGPA of 2.5 or above meets the admissions requirements. Lower CGPA requires an interview with the academic team.

**Scholarship & Grants:** 100% tuition scholarships & 75% tuition grants are available to qualified students.

**Tuition:** \$330/unit

#### Trimester cost comparison chart for qualified NPU Scholarship & Grant recipients:

Full-Time Course Load (12 units)	Regular Tuition	After 100% Tuition Scholarship	After 75% Tuition Grant
Tuition	\$3,960	\$0	\$990
Fees	\$400	\$400	\$400
Total	\$4,360	\$400	\$1,390

**Transfer Policy:** Applications are accepted year-round. There is no minimum credits requirement to transfer from the Merritt College. Up to 75 credits are transferable to NPU's undergraduate programs.

**Programs:** NPU offers the following undergraduate programs:

1. **Bachelor of Science in Business Administration (BSBA)** - A minimum of 120 units are required for graduation. They include the following:

General Education: 36 units

Major Courses: 60 units (Core: 45 Units & Specialization: 15 Units)

Electives: 24 units

2. **Bachelor of Science in Computer Science (BSCS)** - A minimum of 120 units are required for graduation. They include the following:

General Education: 40 units

Major Courses: 65 units (Core: 50 Units & Specialization: 15 Units)

Electives: 15 units

Refer to NPU's catalog for the most current admissions criteria, available at <https://www.npu.edu/academics/npu-catalog>; alternatively, prospective students can call 510-592-9688 (ext. 1) or email [admissions@npu.edu](mailto:admissions@npu.edu) and connect with an admissions representative directly. The catalog also provides detailed information about course transferability, such as minimum grade requirements.

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

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NPU Bachelor of Science in Computer Science (BSCS)					
NPU Degree Requirements	Required NPU course or course category	Specific Merritt College Course(s) (2020 – 2021 Catalog)	CSU GE Breadth <sup>1</sup> equivalent	C-ID <sup>2</sup> equivalent	
<b>General Education Requirements (40 semester Units)</b>	<b>English &amp; Communications</b> (12 semester credits)	<b>ENGL 101</b> Expository Writing	<b>ENGL 1A</b> Composition & Reading	A2/A3	ENGL 100/ ENGL 110
		<b>ENGL 115</b> Public Speaking	<b>COMM 45</b> Public Speaking	A1	COMM 110
		<b>ENGL 425</b> Modern American Literature	No equivalent courses	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
	<b>Humanities</b> (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a
	<b>Mathematics and Natural Sciences</b> (16 semester credits in BSCS)	<b>MATH 201</b> Calculus I	<b>MATH 3A</b> Calculus I	n/a	MATH 210
		<b>MATH 202</b> Calculus II	<b>MATH 3B</b> Calculus II	n/a	MATH 220
		<b>MATH 203</b> Linear Algebra	<b>MATH 3E</b> Linear Algebra	n/a	MATH 250
		<b>MATH 208</b> Probability and Statistics	<b>MATH 13</b> Introduction to Statistics	n/a	MATH 110
		<b>PHYS 201/201L</b> Physics I with Lab	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
	<b>Social Sciences</b> (6 semester credits)	6 credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a

<sup>1</sup> Courses without a CSU GE Breadth Designator will be evaluated individually

<sup>2</sup> Courses without a C-ID designator will be evaluated individually

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Major Course Requirements (65 credits BSCS)				
<b>Core Course Requirements</b> (50 units BSCS)	<b>CE305</b> Computer Organization	<b>CIS 78</b> Digital Architectures for Computation	n/a	COMP 142
	<b>CS 200</b> Discrete Logic	<b>CIS 11</b> Discrete Structures & Logic	n/a	COMP 152
	<b>CS457/457L</b> Data Modeling & Implementation Tech/Database Technologies Lab	<b>CIS 40</b> Database Management	n/a	n/a
	<b>CS487</b> Object-Oriented Design and Implementations	<b>CIS 33</b> Software Architectures & Algorithms	n/a	COMP 132
	<b>P450</b> Career Development	<b>COUN 57</b> Career & Life Planning	n/a	n/a
	All other major course requirements not listed above (32 units)	No equivalent courses	n/a	n/a
<b>Specialization Course Requirement</b> (15 units BSCS)	<b>CS470</b> Network Engineering and Management	<b>CIS 73</b> Networking Concepts <u>and</u> <b>CIS 106A</b> Routing & Switching Networks	n/a	n/a
	<b>CS 477</b> Ethical Hacking & Penetration Testing	<b>CIS 55</b> Hacker Techniques, Exploits & Incident Handling	n/a	n/a
	All other specialization courses not listed above (9 units)	No equivalent courses	n/a	n/a
<b>Electives</b>	15 semester credits in area	15 semester credits Any course identified as transferable to CSU or UC.	n/a	n/a

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### Northwestern Polytechnic University (NPU) & Merritt College

NPU Bachelor of Science in Business Administration (BSBA)					
NPU Degree Requirements	Required NPU course or course category	Specific College of Merritt College Course(s) (2020 – 2021 Catalog)	CSU GE Breadth <sup>1</sup> equivalent	C-ID <sup>2</sup> equivalent	
<b>General Education Requirements (36 semester Units)</b>	<b>English &amp; Communications</b> (12 semester credits)	<b>ENGL 101</b> Expository Writing	<b>ENGL 1A</b> Composition & Reading	A2/A3	ENGL 100/ ENGL110
		<b>ENGL 115</b> Public Speaking	<b>COMM 45</b> Public Speaking	A1	COMM 110
		<b>ENGL 425</b> Modern American Literature	No equivalent courses	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
	<b>Humanities</b> (6 semester credits)	6 credits in area	Any course with a CSU GE C1 and/or C2 designator	C1/C2	n/a
	<b>Mathematics and Natural Sciences</b> (9 semester credits in BSBA)	<b>MATH 208</b> Probability and Statistics	<b>MATH 13</b> Introduction to Statistics	n/a	MATH 110
		<b>PHYS 101</b> Introduction to Physical Sciences	<b>PHYS 4A</b> General Physics with Calculus, <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
	<b>Social Sciences</b> (9 semester credits)	9 credits in area	9 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a

<sup>1</sup> Courses without a CSU GE Breadth Designator will be evaluated individually

<sup>2</sup> Courses without a C-ID designator will be evaluated individually

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### Northwestern Polytechnic University (NPU) & Merritt College

Major Course Requirements (60 credits BSBA)				
<b>Core Course Requirements</b> (45 credits BSBA)	<b>ACC 201</b> Principles of Accounting I	<b>BUS 1A</b> Financial Accounting <u>or</u> <b>BUS 20</b> General Accounting	n/a	ACCT 110
	<b>BAN199</b> Excel for Finance, Accounting & Analytics	<b>CIS 42</b> Spreadsheet Applications	n/a	n/a
	<b>BLAW310</b> Introduction to Business Law	<b>BUS 2</b> Introduction to Business Law	n/a	BUS 125
	<b>ECON 201</b> Macroeconomics	<b>ECON 1</b> Principles of Economics (Macro-Economics)	n/a	ECON 202
	<b>ECON 202</b> Microeconomics	<b>ECON 2</b> Principles of Economics (Micro-Economics)	n/a	ECON 201
	<b>IT221</b> HTML & CSS Web Page Construction	<b>CS 43</b> High Performance Web Applications & Services	n/a	n/a
	<b>MGT 310</b> Principles of Management	<b>BUS 50</b> Principles of Management	n/a	n/a
	<b>MGT 451</b> Agile Project Management	<b>CIS 51</b> Introduction to Information Technology Project Management <u>or</u> <b>CIS 179</b> Agile Software Management & Project Automation	n/a	n/a
	<b>MKT310</b> Principles of Marketing	<b>BUS 70</b> Introduction to Marketing	n/a	n/a
	<b>P450</b> Career Development	<b>COUN 57</b> Career & Life Planning	n/a	n/a
	All other major course requirements not listed above (18 units)	No equivalent courses	n/a	n/a
<b>Specialization Course Requirement</b> (15 units BSBA)	<b>ACC202</b> Principles of Accounting II	<b>BUS 1B</b> Managerial Accounting	n/a	ACCT 120
	<b>IT223</b> SQL & Relational Databases	<b>CIS 40</b> Database Management	n/a	ITIS 180
	<b>IT335</b> Python Introduction for Commerce	<b>CS 20</b> Python Application Programming	n/a	ITIS 180
	<b>IT337</b> JavaScript	<b>CIS 56</b> Secure Coding in Java & .NET	n/a	n/a

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	All other specialization courses not listed above (3 units)	No equivalent courses	n/a	n/a
<b>Electives</b>	24 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 and Special Projects**

NPU Staff Member (name, title)

**May 18, 2021**

Date