

## Articulation Agreement (2021)

### Northwestern Polytechnic University (NPU) & West Valley College

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 West Valley College Course(s) (2020 – 2021 Catalog)	CSU GE Breadth <sup>1</sup> equivalent	C-ID <sup>2</sup> equivalent	
General Education Requirements (40 semester Units)	English & Communications (12 semester credits)	ENGL 101 Expository Writing	ENGL 001A or ESLW 065GW	A2/A3	ENGL 100/ ENGL 110
		ENGL 115 Public Speaking	COMM 001	A1	COMM 110
		ENGL 425 Modern American Literature	ENGL 007B	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 003A or MATH 003AH	n/a	MATH 210
		MATH 202 Calculus II	MATH 003B or MATH 003BH	n/a	MATH 220
		MATH 203 Linear Algebra	MATH 004C	n/a	MATH 250
		MATH 208 Probability and Statistics	MATH 010 or MATH 010H	n/a	MATH 110
		PHYS 201/201L Physics I with Lab	PHYS 004A, 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
Social Sciences	SOC 450 Emotional Intelligence	No equivalent courses	n/a	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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(6 semester credits)	3 additional credits in area	3 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a
Major course requirements (65 units BSCS)	<b>CS 200</b> Discrete Logic	<b>MATH 019</b>	n/a	COMP 152
	<b>CS230/230L</b> Linux & Shell Scripting/Lab	<b>CIST 046B</b>	n/a	n/a
	<b>CS250/250L</b> Introduction to Programming/Lab	<b>CIST 005A</b>	n/a	n/a
	<b>CS350/350L</b> Data Structures/Lab	<b>CIST 005B</b>	n/a	COMP 132
	<b>CS360/360L</b> Programming in C and C++/Lab	<b>CIST 004A and CIST 037</b>	n/a	COMP 122
	<b>CS480/480L</b> Java and Internet Applications/ Java Programming Lab	<b>CIST 004B1</b>	n/a	n/a
	<b>P450</b> Career Development	<b>COUN 012C</b>	n/a	n/a
	All other major course requirements not listed above (41 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

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### Northwestern Polytechnic University (NPU) & West Valley College

NPU Bachelor's in Business Administration & Information Sciences (BBAIS)					
NPU Degree Requirements	Required NPU course or course category	Specific College of West Valley 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 006</b> or <b>ESLW 065GW</b>	A2/A3	ENGL 100/ ENGL110
		<b>ENGL 115</b> Public Speaking	<b>COMM 001</b>	A1	COMM 110
		<b>ENGL 425</b> Modern American Literature	<b>ENGL 007B</b>	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 BBAIS)	<b>MATH 208</b> Probability and Statistics	<b>MATH 010</b> or <b>MATH 010H</b>	n/a	MATH 110
		<b>PHYS 101</b> Introduction to Physical Sciences	<b>PHYS 002A</b> or <b>PHYS 002B</b> , 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
	<b>Social Sciences</b> (9 semester credits)	<b>SOC 450</b> Emotional Intelligence	No equivalent courses	n/a	n/a
		6 additional credits in area	6 semester credits Any course(s) with CSU GE Breadth Area D	D	n/a
	<b>ACC 201</b> Principles of Accounting I	<b>ACCT 010</b>	n/a	ACCT 110	

<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) & West Valley College

<b>Major Requirements</b> (60 trimester credits BBAIS)	<b>ACC 202</b> Principles of Accounting II	<b>ACCT 011</b>	n/a	ACCT 120
	<b>BAN199</b> Excel for Finance, Accounting & Analytics	<b>BUSN 046</b>	n/a	n/a
	<b>BLAW310</b> Introduction to Business Law	<b>BUSN 028</b> or <b>BUSN 028H</b>	n/a	BUS 125
	<b>ECON 201</b> Macroeconomics	<b>ECON 001A</b> or <b>ECON 001AH</b>	n/a	ECON 202
	<b>ECON 202</b> Microeconomics	<b>ECON 001B</b> or <b>ECON 001BH</b>	n/a	ECON 201
	<b>IT221</b> HTML & CSS Web Page Construction	<b>DIGM 021A</b>	n/a	n/a
	<b>IT335</b> Python Introduction for Commerce	<b>CIST 005A</b> or <b>CIST 005B</b>	n/a	ITIS 180
	<b>MGT 450</b> Organizational Behavior and Management	<b>BUSN 068</b>	n/a	n/a
	<b>MGT 480</b> Entrepreneurship	<b>BUSN 015</b>	n/a	n/a
	<b>MKT310</b> Principles of Marketing	<b>BUSN 056</b>	n/a	n/a
	<b>P450</b> Career Development	<b>COUN 012C</b>	n/a	n/a
	All other major course requirements not listed above (27 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 & Special Projects**

NPU Staff Member (name, title)

**January 11, 2021**

Date