

# General Education Transfer Credit Agreement 2017-2018 Catalog

This articulation agreement describes how courses taken at Ohlone College will transfer to meet Notre Dame de Namur University requirements for General Education and lower division major preparation. Please note: you do not need to complete all of these requirements before transferring to NDNU.

<b>For further information or to make an appointment with a transfer counselor:</b>	650.508.3600 NDNU Admissions Office
<b>Course Descriptions and Major Prerequisites:</b>	<a href="http://www.ndnu.edu/catalog">http://www.ndnu.edu/catalog</a>
<b>More information on Ohlone College:</b>	<a href="http://www.ohlone.edu">http://www.ohlone.edu</a>

**Policy for Awarding Transfer Credit.** With the exception of remedial or vocational courses, NDNU accepts credit for courses completed with grade "C" (2.0) or higher at any degree-granting regionally-accredited two-year college or four-year college or university. Courses from California Community Colleges are generally accepted according to the published recommendations for transfer of courses to the California State University system.

<b>KEY:</b>	C = Completed Course	<input type="checkbox"/> = A requirement that may be satisfied by a course taught at the transfer institution
	IP = In Progress Course	<input checked="" type="checkbox"/> = A requirement for which there is no equivalent course at the transfer institution; or, a course that must be taken at NDNU

## NDNU GENERAL EDUCATION REQUIREMENTS

**3 units**

- 1 Freshman Seminar (3)** *Freshmen take the course at NDNU. Waived for students transferring in more than 12 units.*

	<input checked="" type="checkbox"/> C	<input checked="" type="checkbox"/> IP
AT NDNU; OR WAIVED		

## A. FOUNDATION COURSES

**18 units**

- 1 Lower-division Writing (3)**

	<input type="checkbox"/> C	<input type="checkbox"/> IP
LD WRIT		

ENGL 101A, 101C

- 2 World History (6)**

	<input type="checkbox"/> C	<input type="checkbox"/> IP
HST: A		

**SECTION A:** World History (3)

**HIST** 106A, 106B

	<input type="checkbox"/> C	<input type="checkbox"/> IP
HST: B		

**SECTION B:** A second course in World History (above) is required for first-time freshmen, and preferred for transfer students. Transfer students may also satisfy the Section B requirement through one of the following General History courses.

**CHS** 102A, 102B; **HIST** 102A, 102B, 105, 109, 110, 114A, 114B, 115, 117A, 117B, 118, 119A, 119B, 141, 142, 143; **IS** 142, 143; **MUS** 122, 123, 125

**WORLD HISTORY. First-time Freshmen:** Students entering with no college credit at the time of matriculation to NDNU may fulfill this requirement by taking and passing HST 1000 and HST 1010. **Transfer Students:** Students entering with college credit at the time of matriculation to NDNU may transfer a World History course to satisfy the Section A or Section B requirement; or may take an approved general history course to satisfy the Section B requirement. At least (3) of the (6) units required must be in World History. A course in Western Civilization may not be applied to the World History general education requirement, but may transfer for general elective credit.

- 3 Mathematics (3)**

	<input type="checkbox"/> C	<input type="checkbox"/> IP
MTH		

**MATH** 101A, 101B, 101C, 103, 104, 156, 159, 163, 167, 181, 188

- 4 Modern Language/Culture and Language (6 units and completion of Level 2)**

Student must demonstrate language proficiency equivalent to a minimum of one year of study at NDNU by successfully completing Level 2 or higher. All courses used to satisfy the requirement must be in the same language.

### LEVEL 1

Complete two courses from the following:

ARBC 101A, 101B\*; ASL 101A, 101B; CHIN 101A, 101B; FREN 101A, 101B; JPNS 101A, 101B\*

\* Please note, Level 2 Arabic courses are not currently offered at Ohlone College, and must be completed at another institution.

	<input type="checkbox"/> C	<input type="checkbox"/> IP
LANG: LEVEL 1		

	<input type="checkbox"/> C	<input type="checkbox"/> IP
LANG: LEVEL 2		

### LEVEL 2

Complete two courses from the following:

ASL 102A, 102B; CHIN 102A, 102B; FREN 102A, 102B; JPNS 102A; SPAN 102A, 102B

	<input type="checkbox"/> C	<input type="checkbox"/> IP
LANG: LEVEL 3		

### LEVEL 3

Complete at least one course from the following:

ASL 103A; 103B; 104A; 104B

**MODERN LANGUAGE/CULTURE AND LANGUAGE.** Students who have completed the third-year level of one foreign language in high school with a grade of C (2.0) or higher in each term of the third year are exempt from the foreign language requirement. All B.A. and B.F.A. students must satisfy the Modern Language requirement by completing Level 2 as described above, unless eligible for exemption. For majors leading to a B.S. degree, Foreign Culture and Language courses may be substituted for Foreign Language.

B. SOCIAL AND PERSONAL RESPONSIBILITY	9 units
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### 1 Philosophy (3)

PHIL 100, 101, 102, 104, 106, 116

	C	IP
PHL	<input type="checkbox"/>	<input type="checkbox"/>

### 2 Religious Studies (6)

ANTH 106; PHIL 109A, 109B, 110, 112, 114

RELIGIOUS STUDIES. Students in day undergraduate programs must take at least three of these units at the upper-division level, and at least one course must be taken at NDNU.

	C	IP
REL: AT NDNU	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
REL	<input type="checkbox"/>	<input type="checkbox"/>

C. THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT	9 units
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### 1 Natural and Physical Sciences (3)

AH 110; ANTH 101; ASTR 101A, 101B, 102\*; BIOL 101A, 101B, 103A, 103B, 104, 105, 106, 107, 109, 114, 130, 140, 141, 142; BIOT 100, 101, 105, 114, 120C; CHEM 101A, 101B, 102, 106A, 106B, 108, 109, 112A, 112B; CFS 106, 109; ENVS 101, 105, 106, 107, 108, 110, 142; GEOG 101; 121 plus 122; GEOL 101, 102, 102L\*, 103, 103L\*, 104, 104L\*; HLTH 101; NUR 301; PHYS 108, 120, 120A\*, 121, 121A\*, 140, 141, 142; PTA 101, 102, 103, 104, 105A, 105B; RT 101

\*NATURAL AND PHYSICAL SCIENCE/SOCIAL AND BEHAVIORAL SCIENCES. Courses with variable units must meet the 3-unit requirement. Laboratory courses with fewer than 3 units must be combined with the appropriate lecture courses to meet the 3-unit requirement.

	C	IP
NSC	<input type="checkbox"/>	<input type="checkbox"/>

### 2 Social and Behavioral Sciences (3)

AJ 101, 108, 119; ANTH 102, 104, 106, 108; ASL 142; BIOT 100; BA 102A, 102B, 139; CHS 101; DEAF 311, 332; ECS 303, 309, 327; GEOG 102, 104, 105; HLTH 160; HIST 105, 114A, 114B, 115, 118, 119A, 119B, 141, 142, 143 IS 110, 120; JOUR 106, 155; PS 102, 103, 104, 105, 106; PSY 101, 104, 105, 106, 108, 112, 115, 139; SOC 101, 102, 105, 106, 142; SPCH 108; WS 101, 108, 120, 150

	C	IP
SOC	<input type="checkbox"/>	<input type="checkbox"/>

### 3 One Additional Course (3) From Natural/Physical Sciences; Social/Behavioral Sciences; or from Computational Science, below.

CS 102, 125 (preferred); 116 (2nd choice); 102 (3rd choice); 113, 118, 124, 170; MATH 103; 163

	C	IP
NSC, SOC, or COMPL	<input type="checkbox"/>	<input type="checkbox"/>

D. CREATIVE ARTS	9 units
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### 1 Literature (3)

ENG 1036 is the requirement for students who matriculate under catalog year 2016-17 and thereafter. ENG 1040 is the requirement for students who matriculate under catalog year 2015-16 or prior; see advisor for additional information before registration in ENG 1040 transfer course.

ENG 1036: ENGL 101B

ENG 1040: ENGL 104, 109, 112, 113, 114, 115, 117, 118, 120A, 120B, 121, 122, 123, 125A, 125B, 129, 130, 131; CHS 106A; ECS 314; WS 115

LITERATURE. **First-time Freshmen:** Students entering as freshmen with no college credit at the time of matriculation to NDNU fulfill this requirement by taking and passing ENG 1036 or an equivalent transfer course. **Transfer Students:** Students entering with college credit at the time of matriculation to NDNU, and nontraditional age students, may satisfy this requirement with an approved transfer course. **All Students** may select from the courses that satisfy ENG 1036 or ENG 1040 to meet the requirement for One Additional Course in the Creative Arts, below. **English Majors** from any catalog year are advised to choose a course that transfers to satisfy the ENG 1036 requirement, above, and two World Literature courses to meet major prerequisite requirements.

	C	IP
LIT	<input type="checkbox"/>	<input type="checkbox"/>

### 2 Visual and Performing Arts (3)

**A) VISUAL ARTS:** ART 101, 103A, 103B, 103C, 103L, 104A, 104B, 105A, 105B, 105C, 104C, 107A, 107B, 108, 109A, 109B, 110A, 110B, 111A, 111B, 116A, 116B, 116C, 117A, 117B, 119A, 119B, 119C, 120, 131, 133A, 133B, 133C, 135A, 138A, 139A, 139B, 145, 151, 161A\*, 161B\*, 162, 163; BRDC 151; DEAF 167; GA 109A, 109B, 110A, 110B, 161A\*, 161B\*, 162, 163, 169A, 169B

**B) MUSIC:** MUS 101, 102, 103, 104, 106, 108\*, 110A, 110B, 110C, 110D, 111A\*, 111B\*, 111C\*, 111D\*, 112A, 121, 122, 123, 125, 160A\*, 160B\*, 160C\*, 160D\*, 160E\*, 160F\*, 161A\*, 161B\*, 161C\*, 161D\*, 161E\*, 161F\*, 161D, 162A\*, 162B\*, 162C\*, 162D\*, 162E\*, 162F\*, 166A, 169A\*, 169B\*, 351\*, 352\*, 352B\*, 354A\*, 355\*, 356\*, 358\*, 369\*, 370\*, 371\*, 374\*, 380\*, 381\*, 382\*, 394\*

**C) THEATRE AND DANCE:** ENGL 118; SPCH 114A1\*, 114A2\*, 114A3\*, 130; TD 102, 107, 109, 110, 111, 112, 114, 115A, 116\*, 118, 119, 120A3, 120B4, 121A\*, 121B, 121C, 124, 125, 126, 129, 130, 132, 134, 141A\*, 142A\*, 142B\*, 142C\*, 143A\*, 143B\*, 143C\*, 144A\*, 147A\*, 147B\*, 148A2, 148A3\*, 148B2\*, 148B3\*, 149\*, 150, 152, 153, 154\*, 155A, 155B, 156\*, 159, 160A2\*, 161\*, 162\*, 163, 164, 170, 171, 172, 173\*, 174\*, 175, 176, 179, 181

	C	IP
VPA	<input type="checkbox"/>	<input type="checkbox"/>

### 3 One Additional Course (3) From the above Creative Arts disciplines

\*VISUAL AND PERFORMING ARTS. Students may transfer in one 3-unit course, or a combination of 1- or 2- unit courses to meet the 3-unit VPA requirement. Courses combined to meet the requirement must be in the same genre and must have been completed within a 4-semester period.

	C	IP
LIT or VPA	<input type="checkbox"/>	<input type="checkbox"/>

**E. COMMUNITY ENGAGEMENT AND CULTURAL DIVERSITY****9 units****1 Community Engagement (3)** Usually satisfied through the Major requirements

	<b>C</b>	<b>IP</b>
CE	<input type="checkbox"/>	<input type="checkbox"/>

**CHS** 109; **DEAF** 332; **INT** 145

**COMMUNITY ENGAGEMENT.** Additional courses, such as internships, may transfer upon review of the syllabus and other requested documentation. A Community Engagement Course engages faculty, students, and community in mutually beneficial and respectful collaboration, and requires students to complete at least 15 hours of community work. The Community Engagement Requirement may be double counted with courses from the approved list that also satisfy requirements in other areas of the student's program. This double counting of a class may only be done with the Community Engagement or Cultural Diversity requirements.

**2 Cultural Diversity (6)** Generally does not add units; may double-count with a course in the General Education or Major requirements, except Culture and Language.

	<b>C</b>	<b>IP</b>
CDIV	<input type="checkbox"/>	<input type="checkbox"/>
	<b>C</b>	<b>IP</b>
CDIV	<input type="checkbox"/>	<input type="checkbox"/>

ASL 142; ANTH 102, 104, 106; CHS 112; ENGL 123, 130; GEOG 102, 105; HIST 105, 109, 110, 114A, 114B, 115, 118, 119A, 119B; IS 120; MUS 104; PHIL 110, 112, 114; SOC 102, 106; SPCH 105; WS 120, 150

**CULTURAL DIVERSITY.** The Cultural Diversity Requirement generally does not add units to a student's program. Rather, it is intended to be fulfilled by choosing courses from the approved list that also satisfy requirements in other areas of the student's program; the exception is that Cultural Diversity courses may not satisfy Culture and Language Requirements for B.S. students. This double counting of a class may only be done with the Community Engagement or Cultural Diversity requirements.

**U.S. HISTORY INSTITUTIONAL REQUIREMENT****3 units****1 HIST** 102A, 102B, 114A, 114B, 115, 117A, 117B, 118, 119A, 119B; **CHS** 102A, 102B

	<b>C</b>	<b>IP</b>
US HST	<input type="checkbox"/>	<input type="checkbox"/>

Students who have not completed a United States history course with grade "C" (2.0) or higher for each term in an American high school or an American international school are required to pass one 3-unit course in United States History. Please see catalog for more information.

650.508.3600 NDNU Admissions Office

<http://www.ndnu.edu> <http://www.ohlone.edu>

Articulation Agreement Updated: November 2017

Approved by: Galen Anne Corson, Articulation Officer, [gcorson@ndnu.edu](mailto:gcorson@ndnu.edu)

## Lower Division Major Preparation: Transfer Credit Agreement 2017-2018 Catalog

Notre Dame de Namur University agrees to accept the Ohlone College courses listed below in satisfaction of Lower Division Preparation in the following majors. Please note: You do not need to complete all of these requirements before transferring to Notre Dame de Namur University.

**Lower-division Preparation for the Major.** The undergraduate degree program requires 124 semester units of course credit. The courses shown below constitute lower-division coursework required for the following majors for this catalog year. For a complete description of lower- and upper-division requirements for the major, please refer to the Notre Dame de Namur University Catalog.

**For further information or to make an appointment with a transfer counselor:** 650.508.3600 NDNU Admissions Office

**Course Descriptions and Major Prerequisites:** <http://www.ndnu.edu/catalog>

**More information on Ohlone College:** <http://www.ohlone.edu>

**KEY:** C = Completed Course ☐ = A requirement that may be satisfied by a course taught at the transfer institution  
 IP = In Progress Course ☒ = A requirement for which there is no equivalent course at the transfer institution; or, a course that must be taken at NDNU

### ACCOUNTING, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES					
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP	
ACC 1216	Accounting Procedures	3	N/A	No equivalent course		<input type="checkbox"/>	<input type="checkbox"/>	
ACC 1224	Financial Accounting	3	BA 101A	Financial Accounting	5	<input type="checkbox"/>	<input type="checkbox"/>	
ACC 1232	Managerial Accounting	3	BA 101B	Managerial Accounting	5	<input type="checkbox"/>	<input type="checkbox"/>	
BUS 1000	Foundations of Business	3	BA 125	Introduction to Business	3	<input type="checkbox"/>	<input type="checkbox"/>	
BUS 1100	Macroeconomics	3	BA 102A	Principles of Economics - Macroeconomics	3	<input type="checkbox"/>	<input type="checkbox"/>	
BUS 1108	Microeconomics	3	BA 102B	Principles of Economics - Microeconomics	3	<input type="checkbox"/>	<input type="checkbox"/>	
<i>The following is a prerequisite to enrollment in the following courses to satisfy Accounting major requirements: BUS 2224 – Corporate Finance I; BUS 2980 or BUS 2980W – Business Policies/Strategies.</i>								
MTH 2502	Statistics (3)		MATH 159	Introduction to Statistics (5)		<input type="checkbox"/>	<input type="checkbox"/>	

### ART, B.A. and ART, B.F.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES					
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP	
ART 1001	Drawing I	3	ART 106A	Descriptive Drawing	3	<input type="checkbox"/>	<input type="checkbox"/>	
ART 1002	Drawing II	3	ART 106B	Intermediate Descriptive Drawing	3	<input type="checkbox"/>	<input type="checkbox"/>	
ART 1018	Life Drawing I	3	ART 107A	Life Drawing	3	<input type="checkbox"/>	<input type="checkbox"/>	
ART 1019	Life Drawing II	3	ART 107B	Life Drawing	3	<input type="checkbox"/>	<input type="checkbox"/>	
ART 1101	Two Dimensional Design	3	ART 104A	2D Design	3	<input type="checkbox"/>	<input type="checkbox"/>	
ART 1109	Color and Design	3	ART 104C	Color	3	<input type="checkbox"/>	<input type="checkbox"/>	
ART 1118	Three Dimensional Design	3	ART 104B	3D Design	3	<input type="checkbox"/>	<input type="checkbox"/>	
ART 1127	Advanced Design	3	N/A	No equivalent course		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
ART 1201	Art History Survey	3	ART 103A or	Survey Wld Art Hist: Prehist - 1300 C.E. (4) or	4	<input type="checkbox"/>	<input type="checkbox"/>	
			ART 103B	Surv Wld Art Hist: 14th C Through 20th C (4)		<input type="checkbox"/>	<input type="checkbox"/>	

## ART AND GRAPHIC DESIGN, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
ART 1001	Drawing I	3	ART 106A	Descriptive Drawing	3	<input type="checkbox"/> <input type="checkbox"/>
ART 1010	Drawing with Illustrator	3	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
ART 1018	Life Drawing I	3	ART 107A	Life Drawing	3	<input type="checkbox"/> <input type="checkbox"/>
ART 1101	Two Dimensional Design	3	ART 104A	2D Design	3	<input type="checkbox"/> <input type="checkbox"/>
ART 1109	Color and Design	3	ART 104C	Color	3	<input type="checkbox"/> <input type="checkbox"/>
ART 1118	Three Dimensional Design	3	ART 104B	3D Design	3	<input type="checkbox"/> <input type="checkbox"/>
ART 1127	Advanced Design	3	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
ART 1201	Art History Survey	3	ART 103A or ART 103B	Survey Wld Art Hist: Prehist - 1300 C.E. (4) or Surv Wld Art Hist: 14th C Through 20th C (4)	4	<input type="checkbox"/> <input type="checkbox"/>

## BIOLOGICAL SCIENCES

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
BIO 1000	Science Success Seminar	2	N/A	Requirement waived for transfer students		<input type="checkbox"/> <input type="checkbox"/>
BIO 1101/L	General Biology I/Lab	3 + 1	BIOL 101A	Princ of Biology – Molecular/ Cellular	5	<input type="checkbox"/> <input type="checkbox"/>
BIO 1103/L	General Biology II/Lab	3 + 1	BIOL 101B	Princ of Biology – Organisms/ Systems	5	<input type="checkbox"/> <input type="checkbox"/>
CHE 1202/L	General Chemistry I/Lab	3 + 1	CHEM 101A	General Chemistry	5	<input type="checkbox"/> <input type="checkbox"/>
CHE 1204/L	General Chemistry II/Lab	3 + 1	CHEM 101B	General Chemistry	5	<input type="checkbox"/> <input type="checkbox"/>
MTH 1216	Precalculus with Trigonometry	4	MATH 188	Pre-Calculus	5	<input type="checkbox"/> <input type="checkbox"/>
MTH 2502/L	Statistics (3)		MATH 159	Introduction to Statistics	5	<input type="checkbox"/> <input type="checkbox"/>
Additional coursework highly recommended for future medical, dental, veterinary medicine, or future graduate students			Additional coursework highly recommended for future medical, dental, veterinary medicine, or future graduate students			<input type="checkbox"/> <input type="checkbox"/>
PHY 1203/L	College Physics I/Lab (3 + 1)		PHYS 120	Introduction to Physics I (4)		<input type="checkbox"/> <input type="checkbox"/>
PHY 1205/L	College Physics II/Lab (3 + 1)		PHYS 121	Introduction to Physics II (4)		<input type="checkbox"/> <input type="checkbox"/>
MTH 1320	Calculus I (4)		MATH 101A	Calculus with Analytic Geometry (5)		<input type="checkbox"/> <input type="checkbox"/>

## BUSINESS ADMINISTRATION, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
BUS 1000	Foundations of Business	3	BA 125	Introduction to Business	3	<input type="checkbox"/> <input type="checkbox"/>
BUS 1008	Building Business Values	3	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
BUS 1100	Macroeconomics	3	BA 102A	Principles of Economics - Macroeconomics	3	<input type="checkbox"/> <input type="checkbox"/>
BUS 1108	Microeconomics	3	BA 102B	Principles of Economics - Microeconomics	3	<input type="checkbox"/> <input type="checkbox"/>
ACC 1216	Accounting Procedures	3	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
ACC 1224	Financial Accounting	3	BA 101A	Financial Accounting	5	<input type="checkbox"/> <input type="checkbox"/>
ACC 1232	Managerial Accounting	3	BA 101B	Managerial Accounting	5	<input type="checkbox"/> <input type="checkbox"/>
The following is a prerequisite to enrollment in the following courses to satisfy Business Administration major requirements: BUS 2224 – Corporate Finance I; BUS 2305C – Community-Based Research and Statistical Analysis; BUS 2980 or BUS 2980W – Business Policies/Strategies.						<input type="checkbox"/> <input type="checkbox"/>
MTH 2502	Statistics (3)		MATH 159	Introduction to Statistics (5)		<input type="checkbox"/> <input type="checkbox"/>

## COMMUNICATION, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
COM 1000	Introduction to Communication	3	JOUR 155*	Mass Media and Society*	3	<input type="checkbox"/> <input type="checkbox"/>
COM 1001	Public Relations Principles	3	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
COM 1008	Oral Communication	3	SPCH 101	Introduction to Public Speaking	3	<input type="checkbox"/> <input type="checkbox"/>
COM 1456L	Media Production Lab	3	JOUR 172	Newspaper Writing and Editing Staff	3	<input type="checkbox"/> <input type="checkbox"/>

\*Crosslisted with BRDC 155.

# COMPUTER AND INFORMATION SCIENCE, B.S.

## Track 1: Software Engineering

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
CIS 1130	Foundations / Computer Science	4	CS 102 or	Intro to Comp Program Using C++ (3) or	3-4	<input type="checkbox"/> <input type="checkbox"/>
			CS 125 or	Intro to Programming Using Java (4) or		
			CS 116	Object-Oriented Programming Using C++ (4)		
CIS 1130/L	Programming Laboratory	1	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
CIS 1140	Data Structure and Abstraction	4	CS 124	Programming with Data Structures	4	<input type="checkbox"/> <input type="checkbox"/>
MTH1320	Calculus I	4	MATH 101A	Calculus with Analytic Geometry	5	<input type="checkbox"/> <input type="checkbox"/>
MTH1321	Calculus II	4	MATH 101B	Calculus with Analytic Geometry	5	<input type="checkbox"/> <input type="checkbox"/>
MTH2522	Probability and Statistics	4	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
CIS1150*	Computer Organization (4)*		CS 118	Intro Assembly Lang Programming	4	<input type="checkbox"/> <input type="checkbox"/>

\* Select four additional courses from the list of approved Computer and Information Science courses in the NDNU catalog; among these courses, one option is the lower-division CIS 1150.

## Track 2: Management Information Systems

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
CIS 1130	Foundations / Computer Science	4	CS 102 or	Intro to Comp Program Using C++ (3) or	3-4	<input type="checkbox"/> <input type="checkbox"/>
			CS 125 or	Intro to Programming Using Java (4) or		
			CS 116	Object-Oriented Programming Using C++ (4)		
CIS 1130/L	Programming Laboratory	1	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
CIS 1140	Data Structure and Abstraction	4	CS 124	Programming with Data Structures	4	<input type="checkbox"/> <input type="checkbox"/>
BUS 1000	Foundations of Business	3	BA 125	Introduction to Business	3	<input type="checkbox"/> <input type="checkbox"/>
MTH1322	Applied Calculus	4	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
MTH2502	Statistics	3	MATH 159	Introduction to Statistics	5	<input type="checkbox"/> <input type="checkbox"/>
MTH2502/L	Excel for Statistics	1	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>

# ENGLISH, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
ENG 1030	First Year Composition	3	ENGL 101A or	Reading and Written Composition (4)	3-4	<input type="checkbox"/> <input type="checkbox"/>
			ENGL 101C	Critical Thinking and Composition (3)		<input type="checkbox"/> <input type="checkbox"/>
ENG 1036	Literary Engagements	3	ENGL 101B	Reading and Composition (Intro to Literature)	4	<input type="checkbox"/> <input type="checkbox"/>
ENG 1040	Classics of World Literature I	3	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
ENG 1041	Classics of World Literature II	3	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>

# HEALTH SCIENCES, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
BIO 1000	Science Success Seminar	2	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
CHE 1200/L	General, Organic, and Biological Chemistry / Lab	4	CHEM 106A or	Principles of Chemistry I (4) or	4	<input type="checkbox"/> <input type="checkbox"/>
			CHEM 106B	Principles of Chemistry II (4)		<input type="checkbox"/> <input type="checkbox"/>
HSC 1000	Introduction to Health Sciences	3	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
HSC 1002	Microbes and Diseases	3	BIOL 106	Microbiology	5	<input type="checkbox"/> <input type="checkbox"/>
HSC 1005/L	Anatomy and Physiology I / Lab (3 + 1) plus	4	BIOL 103A plus	Human Anatomy and Physiology plus	4	<input type="checkbox"/> <input type="checkbox"/>
HSC 1006/L	Anatomy and Physiology II / Lab (3 + 1)	4	BIOL 103B	Human Anatomy and Physiology	4	<input type="checkbox"/> <input type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSY 101	General Psychology	3	<input type="checkbox"/> <input type="checkbox"/>
MTH 2502	Statistics	3	MATH 159	Introduction to Statistics	5	<input type="checkbox"/> <input type="checkbox"/>
MTH 2502L or	Excel for Statistics (1), or	1	N/A	No equivalent course		<input type="checkbox"/> <input type="checkbox"/>
MTH 2503L	SPSS for Statistics (1)					<input type="checkbox"/> <input type="checkbox"/>

You do not need to complete all of these GE or Major Requirements before transferring to Notre Dame de Namur University.

## HISTORY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
HST 1000	World History I	3	HIST 106A	World History to 1500	3	<input type="checkbox"/> <input type="checkbox"/>
HST 1010	World History II	3	HIST 106B	World History since 1500	3	<input type="checkbox"/> <input type="checkbox"/>
PSC 1000	Introduction to American Government	3	PS 102	American Government	3	<input type="checkbox"/> <input type="checkbox"/>
PSC 1100	Introduction to Comparative Government	3	PS 105	Comparative Government	3	<input type="checkbox"/> <input type="checkbox"/>

## HUMAN SERVICES, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
PSY 1001	Introduction to Psychology	3	PSY 101	General Psychology	3	<input type="checkbox"/> <input type="checkbox"/>
SOC 1001	Introduction to Sociology	3	SOC 101	Introduction to Sociology	3	<input type="checkbox"/> <input type="checkbox"/>

## KINESIOLOGY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
BIO 1101/L	General Biology I/Lab	3 + 1	BIOL 101A	Principles of Biology – Molecular/ Cellular	5	<input type="checkbox"/> <input type="checkbox"/>
BIO 1103/L	General Biology II/Lab	3 + 1	BIOL 101B	Principles of Biology – Organisms/ Systems	5	<input type="checkbox"/> <input type="checkbox"/>
MTH 2502	Statistics	3	MATH 159	Introduction to Statistics	5	<input type="checkbox"/> <input type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSY 101	General Psychology	3	<input type="checkbox"/> <input type="checkbox"/>
<i>One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional.</i>			<i>One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional.</i>			
CHE 1101	Introductory Chemistry (3)	3-4	CHEM 108	Survey of Chemistry	3	<input type="checkbox"/> <input type="checkbox"/>
CHE 1200	General, Organic, and Biological Chemistry (3)		CHEM 106A or CHEM 106B	Principles of Chemistry I (4) or Principles of Chemistry II (4)	4	<input type="checkbox"/> <input type="checkbox"/>
CHE 1200L	General, Organic, and Biological Chemistry Lab (3) (optional)					<input type="checkbox"/> <input type="checkbox"/>
CHE 1202	General Chemistry I (3)		CHEM 101A	General Chemistry (5)		<input type="checkbox"/> <input type="checkbox"/>
CHE 1202 L	General Chemistry I Lab (1) (optional)					<input type="checkbox"/> <input type="checkbox"/>
CHE 1204	General Chemistry II		CHEM 101B	General Chemistry (5)		<input type="checkbox"/> <input type="checkbox"/>
CHE 1204 L	General Chemistry II Lab (1) (optional)					<input type="checkbox"/> <input type="checkbox"/>

\*Note: CHE 1202, CHE 1202L, CHE 1204, CHE 1204L: recommended for students interested in graduate Physical Therapy and Kinesiology programs.

## LIBERAL ARTS, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
BIO 1009	Introduction to Biology	3	BIOL 130	Introduction to Biology	4	<input type="checkbox"/> <input type="checkbox"/>
PHY 1109	Introduction to Physical Science	3	N/A	No equivalent course		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
PSC 1000	Introduction American Government	3	PS 102	American Government	3	<input type="checkbox"/> <input type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSY 101	General Psychology	3	<input type="checkbox"/> <input type="checkbox"/>

## LIBERAL STUDIES, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	C IP
BIO 1009/1109L	Introduction to Biology with Lab	3.5	BIOL 130	Introduction to Biology (with lab)	4	<input type="checkbox"/> <input type="checkbox"/>
PSC 1000	Introduction American Government	3	PS 102	American Government	3	<input type="checkbox"/> <input type="checkbox"/>
For Credential students, one course from the following:			For Credential students, one course from the following:			
ART 2605 or THE 2151	Art Education Concepts (3) or Children's Theatre (3)		N/A	Must be taken at NDNU		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
For Non-Credential Students:			For Non-Credential Students:			
Three units within the Visual and Performing Arts meeting one of the following criteria: One 3-unit content course, or 3 units in studio/performance or concepts.			Three units within the Visual and Performing Arts meeting one of the following criteria: One 3-unit content course, or 3 units in studio/performance or concepts.			
REL 1250	World Religions	3	N/A	No equivalent course		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSY 101	General Psychology	3	<input type="checkbox"/> <input type="checkbox"/>

You do not need to complete all of these GE or Major Requirements before transferring to Notre Dame de Namur University.

## MUSICAL PERFORMANCE, B.F.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
<b>Applied Performance</b> 14 units of major instrument and/or vocal coaching, determined by advisement and track are required. Lower-division courses that may satisfy the requirement are:			<b>Applied Performance</b> 14 units of major instrument and/or vocal coaching, determined by advisement and track are required. Lower-division courses that may satisfy the requirement are:				
MUS 1600	Individual Instruction: Voice	1-4	MUS 166A	Applied Music (as allowed for repeatable courses)	1-3		
MUS 1605	Individual Instruction: Piano	.5-4	MUS 166A	Applied Music (as allowed for repeatable courses)	1-3		
MUS 1607	Individual Instruction: Collaborative Piano	1-4	MUS 166A	Applied Music (as allowed for repeatable courses)	1-3		
MUS 1610	Individual Instruction: Instrument	1-4	MUS 166A	Applied Music (as allowed for repeatable courses)	1-3		
MUS 1615	Vocal Coaching	.5-1	N/A	No equivalent course			
<b>Performance and Repertoire</b> Eight units of performance and repertoire courses, determined by advisement and track are required. The lower-division courses that may satisfy the requirement are:			<b>Performance and Repertoire</b> Eight units of performance and repertoire courses, determined by advisement and track are required. The lower-division courses that may satisfy the requirement are:				
MUS 1000	Piano/Instrumental Performance and Repertoire	1	MUS 160E	Piano Repertoire	1		
MUS 1005	Vocal Performance and Repertoire	1	MUS 162E	Vocal Repertoire	1		
<b>Ensembles/Workshop</b> Eight units of ensembles/workshop, determined by advisement and track are required. The lower-division courses that may satisfy the requirement are:			<b>Ensembles/Workshop</b> Eight units of ensembles/workshop, determined by advisement and track are required. The lower-division courses that may satisfy the requirement are:				
MUS 1050	Opera Workshop	1-3	N/A	No equivalent course			
MUS 1063	Chanteurs Concert Choir	1	MUS 356	Chamber Singers	1		
MUS 1065	Camerata Chamber Ensemble	1	N/A	No equivalent course			
MUS 1070	Orchestra	1	MUS 374	Community Orchestra	.5-2		
MUS 1120	Musical Theatre Workshop	1-4	MUS 380 - 82	Musical Theatre Workshop (various)	1-4		
MUS 1730	Ensemble	1-3	MUS 351	Performance Ensembles	1-3		
<b>Musicianship</b>			<b>Musicianship</b>				
MUS 1150	Computer Applications in Music	3	MUS 112A	Pro Tools 101	3		
MUS 1201	Musicianship	1	MUS 111A	Musicianship I	1		
MUS 1200	Music Theory I	3	MUS 110A	Music Theory and Harmony	3		
MUS 1205	Music Theory II	3	MUS 110B	Harmony	3		
MUS 1210	Music Theory III	3	MUS 110C	Advanced Harmony	3		
MUS 1215	Music Theory IV	3	MUS 110D	Advanced Harmony	3		
MUS 1614	Indiv Instruct: Music Theory	1-4	N/A	No equivalent course			

## POLITICAL SCIENCE, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
HST 1000	World History I	3	HIST 106A	World History to 1500	3		
HST 1010	World History II	3	HIST 106B	World History since 1500	3		
PSC 1000	Introduction to American Government	3	PS 102	American Government	3		
PSC 1100	Introduction to Comparative Government	3	PS 105	Comparative Government	3		

## PSYCHOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
PSY 1001	Introduction to Psychology	3	PSY 101	General Psychology	3		
MTH 2502	Statistics	3	MATH 159	Introduction to Statistics	5		

## SOCIOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			OHLONE COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
SOC 1001	Introduction to Sociology	3	SOC 101	Introduction to Sociology	3		
SOC 1009	Cultural Anthropology	3	ANTH 102	Cultural Anthropology	3		

650.508.3600 NDNU Admissions Office

<http://www.ndnu.edu> <http://www.ohlone.edu>

Articulation Agreement Updated: November 2017    Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu

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