

General Education Transfer Credit Agreement 2012-2013 Catalog

This articulation agreement describes how courses taken at Hartnell 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.

For further information or to make an appointment to meet with a transfer counselor:	650.508.3600 NDNU Admissions Office
Course Descriptions and Major Prerequisites:	http://www.ndnu.edu/catalog
More information on Hartnell College:	http://www.hartnell.edu

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.

NDNU GENERAL EDUCATION REQUIREMENTS

FRESHMAN YEAR SEMINAR (3)	<i>Waived for students transferring in more than 12 units</i>	
DISCIPLINE-SPECIFIC TECHNOLOGY	<i>Usually taken at NDNU as part of major requirements</i>	

A. FOUNDATION COURSES

LOWER-DIVISION WRITING (3)		<i>Completed</i>
ENG 1A, 2		
WORLD HISTORY * (6)		
<i>Section A: One course from the following (World History):</i>		
HIS 5A, 5B		
MATHEMATICS (3)		
MAT 2, 3A, 3B, 3C, 4, 5, 10, 12, 13, 16, 24, 25		
MODERN LANGUAGE/ CULTURE AND LANGUAGE (6)		
<u>(2) consecutive courses of the same language from:</u>	<u>Or at least (1) course of the same language from:</u>	
ASL 1, 2	ASL 3	
FRN 1, 2	FRN 3	
JPN 10, 11 (<i>For Culture and Language credit only</i>)		
SPA 1, 2; 1S, 2S; 1X, 2X	SPA 3, 3S, 4, 4S, 35	

WORLD HISTORY. Transfer students (30 or more transferable units) may fulfill the History requirement by satisfying Section A and Section B History requirements as described in the NDNU catalog. Note: History coursework taken by any student prior to matriculation at NDNU may be transferred in to satisfy NDNU's World History requirement, provided course content meets the criteria for Section A (World History) and/or Section B (General History) requirements. After matriculation, only World History coursework may be transferred in by any student to satisfy this requirement. The only exception to the World History requirement for transfer courses taken after matriculation is for courses from a transfer school that does not offer World History (effective Fall 2012 catalog). Please speak with your transfer counselor for more information.

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 are exempt from the foreign language requirement. All B.A. and B.F.A. students must take two semesters of the same Modern Language unless eligible for exemption. For majors leading to a B.S. degree, Foreign Culture and Language courses (usually taken at NDNU) may be substituted for Foreign Language.

B. SOCIAL AND PERSONAL RESPONSIBILITY

PHILOSOPHY (3)		<i>Completed</i>
PHL 2, 6, 8, 10		
RELIGION (6)		
HIS 47		

RELIGIOUS STUDIES. Students in day undergraduate programs who have not completed the (6) unit Religious Studies requirement prior to matriculation must take at least three of these units at the upper-division level, and at least one course must be taken at NDNU.

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

C. THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT**NATURAL AND PHYSICAL SCIENCES (3)**

ABT	92
AOD	2
ANT	1
AST	1, 1L*
BIO	1, 2, 3, 5, 6, 6L*, 7, 10, 11, 12, 13, 18, 20, 27, 30, 42, 47, 48, 48L*
CHM	1A, 1B, 12A, 12B, 22, 23, 60
EGN	3, 4, 6

FCS	22, 23
GEG	1
GEL	1, 2, 6, 25, 36
MET	1
NVN	131
OCN	1
PHY	2A, 2B, 4A, 4B, 4C, 10

Completed

SOCIAL AND BEHAVIORAL SCIENCES (3)

ADJ	1, 2, 3, 4, 5, 8, 10, 11, 12, 21A, 25, 30, 33, 34, 36, 50, 51, 61
ANT	2, 10, 15, 20
COM	35
COU	35
ECE	2, 11, 23, 53
ECO	1, 5
EDU	1
ETH	1, 2, 3, 4, 5, 6, 12, 25

FCS	14
GEG	2
HED	6, 7
HIS	6, 10, 21, 40, 46A, 46B, 47, 48, 49A, 49B, 51
POL	1, 2, 3, 5, 6
PSY	2, 6, 12, 14, 15, 22, 25, 30, 33, 36, 41, 42
SOC	1, 5, 41, 42

ONE ADDITIONAL COURSE (3)

From the above Individual, Society, and the Environment disciplines or from Computational Science below:

CSS	1, 2A, 2B, 4, 31, 41, 60A, 60B, 66, 121A, 121B, 122, 123	MAT	4, 5
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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 companion lecture courses to meet the 3-unit requirement.

D. CREATIVE ARTS**LITERATURE (3)**

ENG	1B, 17, 22, 24, 26, 41, 44A, 44B, 46A, 46B, 47A, 47B, 48
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ETH	25
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Completed

VISUAL AND PERFORMING ARTS (3)

ART	1A, 1B, 1W, 3, 6A, 6B, 6C, 10, 12A, 15A, 15B, 33, 34, 41A, 41B, 70, 71, 72, 73, 77, 80
MUS	1A, 1B, 2, 5, 7, 10*, 13A*, 13B*, 14*, 15*, 17A*, 17B*, 17C*, 17D*, 20*, 21*, 23.1*, 23.2*, 23.3*, 23.4*, 23.5*, 25*, 26*, 29.1*, 29.2*, 29.3*, 29.4*, 29.5*, 34.1*, 34.2*, 34.3*, 34.4*, 34.5*, 42*, 43*, 50A, 50B, 51A*, 51B*, 52A, 52B, 53A*, 53B*

PHO	1, 2, 3
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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.

E. COMMUNITY ENGAGEMENT AND CULTURAL DIVERSITY**COMMUNITY ENGAGEMENT (3)**

Please see transfer counselor.

CULTURAL DIVERSITY (6)

ART	1W
COU	35
COM	35
ECE	53
ETH	1, 2, 3, 4, 5, 6, 12, 25, 30, 31

HED	6
HIS	47, 48, 49A, 49B
POL	5
SOC	42
SPA	35

Completed

COMMUNITY ENGAGEMENT. Freshman Year Seminar courses include a community engagement component; in addition, all undergraduates must take a 3-unit lower or upper division course designated as a Community Engagement Course.

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

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. For example, Sociology 42 can fulfill (3) units of the Behavioral Science requirement and (3) units of the Cultural Diversity requirement. This double counting of a class may only be done with the Cultural Diversity requirement. Courses in Cultural Diversity may be taken at the lower-division or upper-division level.

U.S. HISTORY INSTITUTIONAL REQUIREMENT	
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HIS	17A, 17B, 21, 40, 46A, 48, 49A, 49B, 51
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U.S. HISTORY INSITUTIONAL REQUIREMENT. Students who have not completed a United States history course with grade "C" (2.0) or higher in an American high school or an American international school are required to pass (1) three-unit course in United States History. NDNU does not accept a C- or lower. An official high school, college, or university transcript is required. Further limitations on transfer may exist for specific programs; please consult with your transfer counselor.

MAJOR REQUIREMENTS: For information on lower-division preparation for NDNU majors, please contact the Admissions Department.

650.508.3600 NDNU Admissions Office

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

Articulation Agreement Approved: September 2012 Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu

Lower Division Major Preparation: Transfer Credit Agreement 2012-2013 Catalog

Notre Dame de Namur University agrees to accept the Hartnell 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 all 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:

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More information on Hartnell College:

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BIOLOGY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			HARTNELL TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
BIO 1101 / L	General Biology I / Lab	3/1	BIO 1	Fundamental Biological Concepts	5	<input type="checkbox"/>
BIO 1103 / L	General Biology II / Lab	3/1	BIO 2	General Zoology	5	<input type="checkbox"/>
CHE 1202 / L	General Chemistry I / Lab	3/1	CHM 1A	General Chemistry I	5	<input type="checkbox"/>
CHE 1204 / L	General Chemistry II / Lab	3/1	CHM 1B	General Chemistry II	5	<input type="checkbox"/>
MTH 1216	Precalculus with Trigonometry*	4	MAT 25	Pre-Calculus Mathematics	4	<input type="checkbox"/>
<i>One mathematics course from the following:</i>						
MTH 1320* or	Calculus I* (4) or	3-4	MAT 3A* or	Analytic Geometry and Calculus I	4	
MTH 1322* or	Applied Calculus* (4) or		MAT 2* or	Calculus for Managerial, Life, Social Sciences	4	
MTH 2502*	Statistics* (3)		MAT 13*	Elementary Statistics	5	
<i>(2) semesters of College Physics or (2) semesters of Physics for Scientists:</i>						
PHY 1203 / L plus	College Physics I / Lab (4) plus	8	PHY 2A plus	College Physics I (4) plus		
PHY 1205 / L; or	College Physics II / Lab (4); or		PHY 2B; or	College Physics II (4) ; or		
				General Physics/Waves, Heat, Light &		
PHY 1304 / L plus	Physics for Scientists I / Lab (4) plus		PHY 4C plus	Modern Physics (4) plus		
PHY 1306 / L	Physics for Scientists II / Lab (4)		PHY 4B	General Physics/Electricity, Magnetism (4)		

* 2 Math courses required which correspond to level 4 on the math placement test, or higher.

BIOCHEMISTRY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			HARTNELL TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
BIO 1101 / L	General Biology I / Lab	3/1	BIO 1	Fundamental Biological Concepts	5	<input type="checkbox"/>
BIO 1103 / L	General Biology II / Lab	3/1	BIO 2	General Zoology	5	<input type="checkbox"/>
CHE 1202 / L	General Chemistry I / Lab	3/1	CHM 1A	General Chemistry I	5	<input type="checkbox"/>
CHE 1204 / L	General Chemistry II / Lab	3/1	CHM 1B	General Chemistry II	5	<input type="checkbox"/>
MTH 1320*	Calculus I*	4	MAT 3A*	Analytic Geometry and Calculus I	4	<input type="checkbox"/>
MTH 1321*	Calculus II* (recommended) (4)		MAT 3B*	Analytic Geometry and Calculus II (recommended) (4)		<input type="checkbox"/>
MTH 2502	Statistics	3	MAT 13*	Elementary Statistics	5	<input type="checkbox"/>
PHY 1304 / L	Physics for Scientists I / Lab	3/1	PHY 4C	General Physics/Waves, Heat, Light & Modern Physics	4	<input type="checkbox"/>
PHY 1306 / L	Physics for Scientists II / Lab	3/1	PHY 4B	General Physics/Electricity, Magnetism	4	<input type="checkbox"/>

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* 2 Math courses required which correspond to level 4 on the math placement test, or higher.

COMPUTER AND INFORMATION SCIENCE, B.S.

Major Requirements with Emphasis in Software Engineering

NDNU LOWER-DIVISION MAJOR PREPARATION			HARTNELL TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
CIS 1130 plus	Foundations/Computer Science plus	4	CSS 1	Introduction to Computer Science and	4	
CIS 1130 L	Programming Laboratory	1		Programming Fundamentals		
CIS 1140	Data Structure and Abstraction	4	CSS 2B	Data Structures and Algorithms	4	
MTH 1320	Calculus I	4	MAT 3A	Analytic Geometry and Calculus I	4	
MTH 1321	Calculus II	4	MAT 3B	Analytic Geometry and Calculus II	4	
MTH 2522	Probability and Statistics	4		No equivalent course		
CIS 1150*	Computer Organization (4)*			No equivalent course		

* 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.

Emphasis in Management Information Systems

NDNU LOWER-DIVISION MAJOR PREPARATION			HARTNELL TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
CIS 1130 plus	Foundations/Computer Science plus	4	CSS 1	Introduction to Computer Science and	4	
CIS 1130 L	Programming Laboratory	1		Programming Fundamentals		
CIS 1140	Data Structure and Abstraction	4	CSS 2B	Data Structures and Algorithms	4	
BUS 1000	Foundations of Business	3	BUS 32	Introduction to Business	3	
MTH 1322	Applied Calculus	4	MAT 2	Calculus, Managerial/Life/ Social Sciences	4	
MTH 2502	Statistics	3	MAT 13	Elementary Statistics	5	
MTH 2502 L	Excel for Statistics	1	CSS 4	Introduction to Scientific Programming	4	

KINESIOLOGY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			HARTNELL TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
BIO 1101 / L	General Biology I / Lab	3/1	BIO 1	Fundamental Biological Concepts	5	
BIOL 1103 / L	General Biology II / Lab	3/1	BIO 2	General Zoology	5	
One Chemistry course from the following:						
CHE 1101 or	Introductory Chemistry (3) or		CHM 22	The Science of Chemistry (4) or		
CHE 1202/ L or	General Chemistry I/Lab (3/1) or		CHM 1A	General Chemistry I (5) or		
CHE 1204 / L	General Chemistry II/Lab (3/1)		CHM 1B	General Chemistry II (5)		
MTH 2502	Statistics	3	MAT 13*	Elementary Statistics	5	
PSY 1001	Introduction to Psychology	3	PSY 2	General Psychology	3	

NDNU recommends that students complete a course in Human Anatomy prior to enrollment in upper-division courses for the Kinesiology major.

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