



## General Education Transfer Credit Agreement 2016-2017 Catalog

This articulation agreement describes how courses taken at De Anza 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 De Anza College:</b>	<a href="http://www.deanza.edu">http://www.deanza.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.

**Conversion of Quarter Units to Semester Units.** Quarter units are based on 30 hours of instruction; semester units on 40 hours. 3 qtr units = 2 sem units; 4 qtr units = 2.67 sem units; 4.5 qtr units = 3.0 sem units; 5 qtr units = 3.33 sem units; 6 qtr units = 4 sem units

<b>KEY:</b>	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

### NDNU GENERAL EDUCATION REQUIREMENTS



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

AT NDNU; OR WAIVED		
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### A. FOUNDATION COURSES



18 semester units

#### 1 Lower-division Writing (3)

LD WRIT		
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EWRT 1A/H, 2/H

#### 2 World History (6)

HST: A		
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**Section A:** World History (3)

HIST 3A, 3B, 3C



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

HIST 2, 5A, 5B, 7A, 7B, 9, 10, 16A, 16B, 17A, 17B, 17C, 18A, 18B, 19A, 19B, 28; ICS 16A, 16B, 18A, 18B, 20, 21, 28, 32, 37, 38A, 38B, 43; INTL 19A, 19B; POLI 16; WMST 9

**WORLD HISTORY.** *Entering Freshman* may fulfill the World History requirement by taking HST 1000 and HST 1010; or by transferring two Section A World History courses. *Transfer students* may fulfill the History requirement by satisfying Section A and Section B History requirements as described in the NDNU catalog. At least (3) of the (6) units required must be in World History. Starting in Fall 2015, Western Civilization courses will not satisfy the Section A or Section B requirement, unless the course appears on a prior articulation agreement with De Anza College, corresponding to the year and term in which the course was taken.

#### 3 Mathematics (3)

MTH		
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

MATH 1A, 1B, 1C, 1D, 2A, 2B, 10, 10H, 11, 12, 22, 23, 42, 43, 44, 46

#### 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

FREN 1, 2; GERM 1, 2; HINDI 1, 2; ITAL 1, 2; JAPN 1, 2; KORE 1, 2; MAND 1, 2; PERS 1, 2; RUSS 1, 2; SIGN 1, 2; SPAN 1, 2; VIET 1, 2

LANG: LEVEL 1		
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

##### LEVEL 2

FREN 3; GERM 3; HINDI 3; ITAL 3; JAPN 3; KORE 3; MAND 3; PERS 3; RUSS 3; SIGN 3; SPAN 3; VIET 3

LANG: LEVEL 2		
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##### LEVEL 3

FREN 4, 5, 6; GERM 4, 5, 6; JAPN 4, 5, 6; KORE 4, 5, 6; MAND 4, 5, 6; SPAN 4, 5, 6; VIET 4, 5, 6

LANG: LEVEL 3		
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**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.*

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

<b>B. SOCIAL AND PERSONAL RESPONSIBILITY</b>	<b>9 semester units</b>
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**1 Philosophy (3)**

ICS 17, 44; PHIL 1, 2, 7, 8, 10, 14A, 14B, 14C, 17, 20A, 20B, 20C, 24, 30, 49; WMST 49

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

**2 Religious Studies (6)**

ELIT 19; HIST 5A, 5B; HUMI 7, 9/H, 10; ICC 44; PHIL 14A, 14B, 14C

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"/>

<b>C. THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT</b>	<b>9 semester units</b>
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**1 Natural and Physical Sciences (3)**

ADMJ 84; ASTR 4, 10, 15L\*; BIOL 5, 6A/H, 6B, 6C/H, 8, 10/H, 11, 13, 15, 26, 40A, 40B, 40C, 45; CHEM 1A, 1B, 1C, 10, 12A, 12B, 12C, 30A, 30B; ESCI 1, 1L\*, 19, 20, 21, 30; ES 1, 2, 3, 6; GEO 1, 5, 10; GEOL 10, 20; MET 10, 10L\*; NUTR 10; PHYS 2A, 2B, 2C, 4A, 4B, 4C, 4D, 10

\*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)**

ADMJ 1, 3, 5, 11, 25, 29, 50, 51, 54, 62, 73; ANTH 2, 4, 6; BUS 21, 56, 60; CD 10G, 10H, 12; ECON 1/H, 2/H; GEO 4, 10; HIST 9, 28 HUMA 10; HUMI 1/H, 5, 6, 13, 16, 18/H; ICS 4, 7, 9, 10, 11, 14, 17, 19, 22, 26, 28, 29, 30, 31, 32, 36, 41, 42; INTL 8, 13; JOUR 2 PARA 25; PHIL 2, 10, 17, 49; POLI 1, 2, 3, 5, 15, 16, 17, 30; PSYC 1, 3, 4, 5, 6, 8, 9, 10G, 10H, 12, 14, 24, 60, 63, 67, 74A; SOC 1, 4, 5, 14, 20, 28, 35, 50, 51, 73; SPCH 7; WMST 1, 8, 9, 12, 24, 25, 26, 27, 28, 30, 49

	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.

CIS 35A (preferred); 27 (2nd choice); 15C, 21J A-B, 22A-C, 26A-B, 27, 28, 29, 35A-B, 36A-B; EDUC 46; MATH 2B, 22, 46

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

<b>D. CREATIVE ARTS</b>	<b>9 semester units</b>
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**1 Literature (3)**

EWRT 1B/H, 1C; ELIT 10, 11, 12, 17, 19, 20, 21, 22, 24, 39, 40, 41, 44, 46A, 46B, 46C, 47B, 48A, 48B, 48C, 58; ICS 12, 24, 35, 46; INTL 11

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

**2 Visual and Performing Arts (3)**

**A) VISUAL ARTS:** ARTS 1A, 1B, 2A, 2B, 2C, 2D, 2F, 2G, 2H, 2J, 2K, 2L, 3TC, 3TD, 4A\*, 4B\*, 4C\*, 4D\*, 8\*, 12\*, 14A\*, 14B\*, 14C\*, 15A\*, 15B\*, 15C\*, 16A\*, 16B\*, 16C\*, 37A\*, 37B\*, 37C\*, 53A\*, 53B\*, 55A\*, 55B\*, 55C\*, 56\*, 57\*, 65\*, 86; F/TV 1, 2A, 2AW, 2B, 2BW, 2C, 2CW, 10, 20, 22, 41, 42, 43, 45, 48, 50, 51A, 52A, 52B, 53, 55A, 57A-B, 58S-U\*, 59, 60A-C, 62, 63A-B\*, 64A-C, 65, 75G, 75K, 80A\*, 80B\*, 85\*, 98G\*, 98H\*, 98J\*; HUMI 1, 2, 7, 15, 16, 20 ICS 5, 14, 33, 45; INTL 10, 21, 22, 23, 24; PHTG 1\*, 2\*, 3\*, 4\*, 5\*, 7, 21, 54\*, 57A\*, 57B\*, 58A\*, 58B\*, 60\*

**B) MUSIC:** MUSI 1A-E, 3A-C, 4A-C, 5A\*, 8\*, 9A-C\*, 10A\*, 12A-C\*, 13A-C\*, 14A-D\*, 15A\*, 15B\*, 16A-B\*, 18A-C\*, 20\*, 21\*, 22\*, 25\*, 25M\*, 25VJ\*, 31\*, 32A-B\*, 34\*, 41\*, 41U-W\*, 41X\*, 42\*, 45\*, 48A-C\*, 51\*, 58A\*, 58B\*, 68C\*

**C) THEATRE AND DANCE:** DANC 22K-M\*; 23A-B\*, 23N\*, H\*, and L-M\*; 24A-C\*, 25A-B\*, 27A-D\*, 37A-C\*, 38A; ELIT 12, 17; THEA 1, 20A-C\*, 48\*, 80A-B\*

\*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
VPA	<input type="checkbox"/>	<input type="checkbox"/>

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

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

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

ICS 80 series; 81 series; 82 series; 83 series. Additional course may transfer upon review.

COMMUNITY ENGAGEMENT. Additional courses may transfer upon review of the syllabus and other requested documentation. Freshman Year Seminar courses include a community engagement component; in addition, all students must take a 3-unit lower or upper division course designated as a Community Engagement Course. Such a course engages faculty, students, and community in mutually beneficial and respectful collaboration, and requires students to complete at least 15 hours of community work. These interactions address community-identified needs, deepen students' civic and academic learning, enhance community well-being, and enrich the scholarship of the institution.

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

**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.

ADMJ 25, 29, 51; ANTH 2, 4, 6; ARTS 2F, 2G, 2H, 2J, 2K, 2L, 3TC; ELIT 6, 21, 24, 40, 41, 44, 47B; F/TV 2C, 2CW, 48; GEO 4, 10; HIST 7A, 7B, 9, 16A, 16B, 18A, 18B, 19A, 19B; HUMI 9/H, 10, 13, 16, 18H; ICS 4, 5, 7, 9, 10, 11, 12, 14, 16A, 16B, 17, 18A, 18B, 20, 21, 22, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35, 36, 37, 38A, 38B, 41, 42, 43, 44, 45, 46, 55; INTL 5, 8, 10, 11, 13, 15, 19A, 19B, 21, 22, 23, 24; INTL 5, 8, 10, 11, 13, 15, 19A, 19B, 21, 22, 23, 24; JOUR 2; MUSI 1C; PARA 25; PHIL 14A, 14B, 14C, 17, 49; POLI 15, 16, 17, 30; PSYC 12; SOC 4, 5, 28, 51; SPCH 7; WMST 1, 3C, 8, 9, 12, 24, 25, 26, 27, 28, 30, 49

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

*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, ICS 7 – Intercultural Communication, 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

3 semester units

**1** HIST 9, 17A, 17B, 17C, 18A, 18B ICS 18A, 18B, 20, 32, 43; WMST 9

US HST ☐ <sup>C</sup> ☐ <sup>IP</sup>

*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.deanza.edu>

Articulation Agreement Updated: September 29, 2016

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



## *Lower Division Major Preparation: Transfer Credit Agreement 2016-2017 Catalog*

Notre Dame de Namur University agrees to accept the De Anza 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.

<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>
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
























**Conversion of Quarter Units to Semester Units.** Quarter units are based on 30 hours of instruction; semester units on 40 hours. 3 qtr units = 2 sem units; 4 qtr units = 2.67 sem units; 4.5 qtr units = 3.0 sem units; 5 qtr units = 3.33 sem units; 6 qtr units = 4 sem units

<b>KEY:</b>	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			DE ANZA COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C IP
ACC 1220	Introduction to Financial Accounting	3	ACCT 1B or 1BH	Financial Accounting II / Honors	5	 
ACC 1232	Managerial Accounting	3	ACCT 1C or 1CH	Managerial Accounting / Honors	5	 
BUS 1000	Foundations of Business	3	BUS 10	Introduction to Business	5	 
BUS 1100	Macroeconomics	3	ECON 1/H	Principles of Macroeconomics	4	 
BUS 1108	Microeconomics	3	ECON 2/H	Principles of Microeconomics	4	 
BUS 1300	Community-Based Research and Statistical Analysis	3	N/A	No equivalent course		 

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

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C IP
ART 1001	Drawing I	3	ARTS 4A plus	Beginning Drawing plus	4	 
			ARTS 4B	Intermediate Drawing	4	 
ART 1002	Drawing II	3	N/A	No equivalent course		 
ART 1018	Life Drawing I	3	ARTS 4C plus	Life Drawing plus	4	 
			ARTS 4D	Representational Drawing	3	 
ART 1019	Life Drawing II	3	N/A	No equivalent course		 
ART 1101	Two Dimensional Design	3	ARTS 8 plus	Two-Dimensional Design plus	4	 
ART 1118	Three Dimensional Design	3	ARTS 10A plus	Three-Dimensional Design plus	3	 
			ARTS 10B	Intermediate 3-Dimensional Design	3	 
ART 1109	Color and Design	3	N/A	No equivalent course		 
ART 1127	Advanced Design	3	N/A	No equivalent course		 
ART 1201	Art History Survey	3	ARTS 2A or	History of Art (Europe: Prehistory) (4) or	4	 
			ARTS 2B	History of Art (Europe: Middle/Ren) (4)		 

## ART AND GRAPHIC DESIGN, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
ART 1001	Drawing I	3	ARTS 4A <b>plus</b>	Beginning Drawing <b>plus</b>	4		
			ARTS 4B	Intermediate Drawing	4		
ART 1010	Drawing with Illustrator	3	N/A	No equivalent course			
ART 1018	Life Drawing I	3	ARTS 4C <b>plus</b>	Life Drawing <b>plus</b>	4		
			ARTS 4D	Representational Drawing	3		
ART 1101	Two Dimensional Design	3	ARTS 8 <b>plus</b>	Two-Dimensional Design <b>plus</b>	4		
ART 1118	Three Dimensional Design	3	ARTS 10A <b>plus</b>	Three-Dimensional Design <b>plus</b>	3		
			ARTS 10B	Intermediate 3-Dimensional Design	3		
ART 1109	Color and Design	3	N/A	No equivalent course			
ART 1127	Advanced Design	3	N/A	No equivalent course			
ART 1201	Art History Survey	3	ARTS 2A <b>or</b>	History of Art (Europe: Prehistory) (4) <b>or</b>	4		
			ARTS 2B	History of Art (Europe: Middle/Ren) (4)			

## BIOLOGICAL SCIENCES

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
BIO 1000	Science Success Seminar	2	N/A	Requirement waived for transfer students			
BIO 1101/L	General Biology I/Lab	3 + 1	BIOL 6B	Cell and Molecular Biology	6		
BIO 1103/L	General Biology II/Lab	3 + 1	BIOL 6A	Form/ Function Biological World	6		
CHE 1204/L	General Chemistry II/Lab	3 + 1	CHEM 1C	General Chemistry/Quant Analysis	5		
MTH 1216	Precalculus with Trigonometry	4	MATH 42	Precalculus II: Trig Functions	5		
MTH 2502/L	Statistics (3)		MATH 10	Elementary Statistics and Probability	5		
One of the following courses with lab:			One of the following courses with lab:				
CHE 1200/ L	General, Organic, and Bio Chem/Lab	3 + 1	N/A	No equivalent course			
CHE 1202/L	General Chemistry I/Lab	3 + 1	CHEM 1A <b>plus</b>	General Chemistry 1A <b>plus</b>	5		
			CHEM 1B	General Chemistry 1B	5		
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				
PHY 1203/L	College Physics I/Lab	3 + 1	PHYS 2A <b>plus</b>	General Introductory Physics (5) <b>plus</b>	5		
PHY 1205/L	College Physics II/Lab	3 + 1	PHYS 2B <b>plus</b>	General Introductory Physics (5) <b>plus</b>	5		
			PHYS 2C	General Introductory Physics (5)	5		
MTH 1320	Calculus I	4	MATH 1A <b>plus</b>	Calculus 1A* (5) <b>plus</b>	5		
			MATH 1B	Calculus 1B* (5)	5		

## BUSINESS ADMINISTRATION, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
BUS 1000	Foundations of Business	3	BUS 10	Introduction to Business	5		
BUS 1008	Building Business Values	3	N/A	No equivalent course			
BUS 1100	Macroeconomics	3	ECON 1/H	Principles of Macroeconomics	4		
BUS 1108	Microeconomics	3	ECON 2/H	Principles of Microeconomics	4		
BUS 1220	Introduction to Financial Accounting	3	ACCT 1B/H	Financial Accounting II	5		
BUS 1232	Managerial Accounting	3	ACCT 1C/H	Managerial Accounting	5		
BUS 1300	Community Based Research/Stats	3	N/A	No equivalent course			

## COMMUNICATION, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
COM 1000	Introduction to Communication	3	JOUR 2	Mass Communication and Society	4		
COM 1008	Oral Communication	3	SPCH 1/H	Public Speaking	4		
COM 1458L	Media Production Lab	3	Complete 4 quarter units from the following group of courses:				
			JOUR 61A, 61B, 61C, 62A*, 62B*, 62C*, 62D*, 62E*, 62F				

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

# COMPUTER AND INFORMATION SCIENCE, B.S.

## Emphasis in Software Engineering

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C IP
CIS 1130	Foundations / Computer Science <b>plus</b>	4	CIS 35B <b>or</b>	Adv Java Programming (4.5) <b>or</b>	4.5	<input type="checkbox"/> <input type="checkbox"/>
CIS 1130/L	Programming Laboratory	1	CIS 28	Object Oriented Analysis/Design C++ (4.5)		
CIS 1140	Data Structure and Abstraction	4	CIS 22C	Data Abstractions and Structures	4.5	<input type="checkbox"/> <input type="checkbox"/>
MTH1320	Calculus I	4	MATH 1A	Calculus 1A	5	<input type="checkbox"/> <input type="checkbox"/>
MTH1321	Calculus II	4	MATH 1B	Calculus 1B	5	<input type="checkbox"/> <input type="checkbox"/>
MTH2522	Probability and Statistics	4	N/A	No equivalent course		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
CIS1150*	Computer Organization (4)*		N/A	No equivalent course		<input checked="" type="checkbox"/> <input checked="" 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.

## Emphasis in Management Information Systems

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C IP
CIS 1130	Foundations / Computer Science <b>plus</b>	4	CIS 35B <b>or</b>	Adv Java Programming (4.5) <b>or</b>	4.5	<input type="checkbox"/> <input type="checkbox"/>
CIS 1130/L	Programming Laboratory	1	CIS 28	Object Oriented Analysis/Design C++ (4.5)		
BUS 1000	Foundations of Business	3	BUS 10	Introduction to Business	5	<input type="checkbox"/> <input type="checkbox"/>
MTH1322	Applied Calculus	4	MATH 12	Introductory Calculus for Bus/Soc Sci	5	<input type="checkbox"/> <input type="checkbox"/>
MTH2502	Statistics	3	MATH 10	Elementary Statistics and Probability	5	<input type="checkbox"/> <input type="checkbox"/>
MTH2502/L	Excel for Statistics	1	N/A	No equivalent course		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

## HEALTH SCIENCES, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA 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 checked="" type="checkbox"/> <input checked="" type="checkbox"/>
CHE 1200/L	General, Organic, and Biological Chemistry / Lab (3 + 1)	4	CHEM 30A <b>plus</b>	Introduction to Chemistry <b>plus</b>	3	<input type="checkbox"/> <input type="checkbox"/>
			CHEM 30B	Introduction to Chemistry	3	<input type="checkbox"/> <input type="checkbox"/>
HSC 1000	Introduction to Health Sciences	3	KNES 45	Introduction to Kinesiology	4	<input type="checkbox"/> <input type="checkbox"/>
HSC 1002	Microbes and Diseases	3	BIOL 26	Introductory Microbiology	6	<input type="checkbox"/> <input type="checkbox"/>
HSC 1005/L	Anatomy and Physiology I / Lab (3 + 1)	4	BIOL 40A <b>plus</b>	Human Anatomy and Physiology <b>plus</b>	5	<input type="checkbox"/> <input type="checkbox"/>
			BIOL 40B	Human Anatomy and Physiology	5	<input type="checkbox"/> <input type="checkbox"/>
HSC 1006/L	Anatomy and Physiology II / Lab (3 + 1)	4	BIOL 40C	Human Anatomy and Physiology	5	<input type="checkbox"/> <input type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	4	<input type="checkbox"/> <input type="checkbox"/>
MTH 2502	Statistics	3	MATH 10	Elementary Statistics and Probability	5	<input type="checkbox"/> <input type="checkbox"/>
MTH 2502L, <b>or</b>	Excel for Statistics (1), <b>or</b>	1	N/A	No equivalent course		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
MTH 2503L	SPSS for Statistics (1)		N/A	No equivalent course		<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

## HUMAN SERVICES, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C IP
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	4	<input type="checkbox"/> <input type="checkbox"/>
SOC 1001	Introduction to Sociology	3	SOC 1	Introduction to Sociology	4	<input type="checkbox"/> <input type="checkbox"/>





## KINESIOLOGY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
BIO 1101/L	General Biology I/Lab	3 + 1	BIOL 6B	Cell and Molecular Biology	6	<input type="checkbox"/>	<input type="checkbox"/>
BIO 1103/L	General Biology II/Lab	3 + 1	BIOL 6A	Form/ Function Biological World	6	<input type="checkbox"/>	<input type="checkbox"/>
MTH 2502	Statistics	3	MATH 10	Elementary Statistics and Probability	5	<input type="checkbox"/>	<input type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	4	<input type="checkbox"/>	<input type="checkbox"/>
One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional.			One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional.				
CHE 1101	Introductory Chemistry (3)	3	CHEM 10	Introductory Chemistry	5	<input type="checkbox"/>	<input type="checkbox"/>
CHE 1202	General Chemistry I (3)	3-4	CHEM 1A or CHEM 1B or CHEM 1C	Survey of Chemistry 1A (5) or Survey of Chemistry 1B (5) or Survey of Chemistry 1A (5)	5	<input type="checkbox"/>	<input type="checkbox"/>
CHE 1202 L	General Chemistry I Lab (1) (optional)						
CHE 1204	General Chemistry II	3-4	CHEM 30A or CHEM 30B	General Chemistry 30A (5) or General Chemistry 30B (5)	5	<input type="checkbox"/>	<input type="checkbox"/>
CHE 1204 L	General Chemistry II Lab (1) (optional)						

## LIBERAL ARTS, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
BIO 1009	Introduction to Biology	3	BIOL 10	Introductory Biology	5	<div></div>	<div></div>
PHY 1109	Introduction to Physical Science	3	N/A	No equivalent course		<div></div>	<div></div>
PSC 1000	Introduction American Government	3	POLI 1	American Government and Politics	4	<div></div>	<div></div>
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	4	<div></div>	<div></div>

## LIBERAL STUDIES, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
BIO 1009/1109L	Introduction to Biology with Lab	3.5	BIOL 10	Introductory Biology	5	<input type="checkbox"/>	<input type="checkbox"/>
PSC 1000	Introduction American Government	3	POLI 1	American Government and Politics	4	<input type="checkbox"/>	<input type="checkbox"/>
For Credential students, one course from the following:		3	For Credential students, one course from the following:				
ART 2605 or	Art Education Concepts (3) or		N/A	Must be taken at NDNU			
THE 2151	Children’s Theatre (3)		N/A	Must be taken at NDNU			
For Non-Credential Students:		3	For Non-Credential Students:		3		
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	HUMI 9	Introduction to Comparative Religion	4	<input type="checkbox"/>	<input type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	4	<input type="checkbox"/>	<input type="checkbox"/>

## PSYCHOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	4		
MTH 2502	Statistics	3	MATH 10 or	Elementary Statistics/Probability (5) or	4-5		
			PSYC 15* or	Basic Stats/Research Meth Soc/Beh Sci* (4) or			
			SOC 15*	Basic Stats/Research Meth Soc/Beh Sci* (4)			

\* Note: PSYC 15 and SOC 15 do not satisfy the Mathematics General Education requirement at NDNU.

## SOCIOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
SOC 1001	Introduction to Sociology	3	SOC 1	Introduction to Sociology	4	<input type="checkbox"/>	<input type="checkbox"/>
SOC 1009	Cultural Anthropology	3	ANTH 2	Cultural Anthropology	4	<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.

Articulation Agreement Updated: September 29, 2016  
Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu