

### Notice Regarding Accreditation Status of City College of San Francisco (CCSF)

July 11, 2013 The following announcement has been made by the City College of San Francisco:

*The Accrediting Commission for Community and Junior Colleges (ACCJC) recently announced its decision to terminate City College of San Francisco's accreditation effective July 31, 2014, approximately one year from now. The Commission's decision is not final. City College remains open and accredited while pursuing a review and appeal process, which will take several months.*

Please check the CCSF website for updated information, at [www.ccsf.edu](http://www.ccsf.edu).

The courses on the 2012-13 CCSF/NDNU articulation agreement will transfer to NDNU.

Courses on the 2013-14 articulation agreement will transfer as long as the courses are completed on or before July 31, 2014. They will continue to transfer after this date provided that City College retains WASC accreditation. Otherwise, courses completed after July 31, 2014, may be subject to department review to determine transferability.

## General Education Transfer Credit Agreement 2012-2013 Catalog

This articulation agreement describes how courses taken at City College of San Francisco 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 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 City College of San Francisco:	<b><a href="http://www.ccsf.edu">http://www.ccsf.edu</a></b>

**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

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

### A. FOUNDATION COURSES

<b>LOWER-DIVISION WRITING (3)</b>		<i>Completed</i>
ENGL 1A, 1C		
<b>WORLD HISTORY (6)</b>		
HIST 4A, 4B		
<b>MATHEMATICS (3)</b>		
MATH 70, 75, 80, 90, 95, 97, 100A, 100B, 110A, 110B, 110C, 115, 120, 125, 130		
<b>MODERN LANGUAGE/ CULTURE AND LANGUAGE (6)</b>		
<u>(2) consecutive courses of the same language from:</u>	<u>Or at least (1) course of the same language from:</u>	
AMSL 1A, 1B		
CHIN 1 (or 1A + 1B); 2 (or 2A + 2B)	CHIN 3 (or 3A + 3B); 4 (or 4A + 4B); 22	
FREN 1 (or 1A + 1B); 2 (or 2A + 2B)	FREN 3 (or 3A + 3B); 4; 5; 21	
GERM 1 (or 1A + 1B); 2 (or 2A + 2B)	GERM 3 (or 3A + 3B); 4 (or 4A + 4B)	
ITAL 1 (or 1A + 1B); 2 (or 2A + 2B)	ITAL (3A + 3B); (4A + 4B)	
JAPA 1 (or 1A + 1B); 2 (or 2A + 2B)	JAPA 3 (or 3A + 3B); 4 (or 4A + 4B)	
PIL 1, 2		
RUSS 1 (or 1A + 1B); 2 (or 2A + 2B)	RUSS 3 (or 3A + 3B)	
SPAN 1 (or 1A + 1B); 2 (or 2A + 2B)	SPAN 3 (or 3A + 3B); 5; 5S; 6 (or 6A + 6B)	

**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 (Area Studies) 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 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 of the third year 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**

<b>PHILOSOPHY (3)</b>				Completed
PHIL	2, 4, 25A, 25C	HUM	8	<input type="text"/>
BIOL	55			
<b>RELIGIOUS STUDIES (6)</b>				<input type="text"/>
AFAM	35	HUM	7	<input type="text"/>
ANTH	8	IDST	4, 29	
ENGL	48K, 48L			

*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.*

**C. THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT**

<b>NATURAL AND PHYSICAL SCIENCES (3)</b>				Completed
ANAT	14, 25	GEOL	10, 10L*, 11, 18, 220A, 20B, 20C, 1A*, 25	<input type="text"/>
ANTH	1	HLTH	53	
ASTR	1, 4, 14, 17, 18, 19, 20	IDST	9	
BIO	9, 11, 15, 20, 30, 31, 32, 32L*, 40, 55, 100A, 100B	MB	10, 12	
BTEC	115, 120	NUTR	12, 52	
BOT	10	OCAN	1, 1L*	
CHEM	17, 32, 33, 40, 101A, 101B, 101L*, 102L*, 103A, 110, 110L*, 205, 208A, 208L*, 212A, 212B, 212L*	PALE	1	
DMI	51A	PSC	11, 11L*	
ECHO	301	PHTC	101, 103	
EMT-P	120, 123, 126, 127, 128	PHYC	2A, 2AC*, 2AL*, 2B, 2BC*, 2BL*, 4A, 4AL*, 4B, 4BL*, 4C, 4CL*, 4D, 4DL*, 10, 10L*, 40, 41	
ERT	106	PHYS	1, 12, 67	
GEN	10, 11*, 15	VOCN	41E, 42E	
GEOG	1, 1L*, 49	ZOOL	10	
<b>SOCIAL AND BEHAVIORAL SCIENCES (3)</b>				<input type="text"/>
ADMJ	51, 57, 59	IDST	7, 10D, 17, 29, 30, 37	
AFAM	10, 30, 35, 40, 60, 70	LABR	15, 70, 70A, 70B, 88, 100	
AMC	5	LGBT	5, 10, 21, 24, 30, 40, 50, 60, 70	
ANTH	3, 3AC, 4, 8, 11, 12, 15, 20, 25	LALS	1, 10, 11, 14, 15	
ASIA	1, 176	PHST	20, 30	
ASAM	8, 10, 20, 22, 27, 30, 35, 40, 42	POLS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 18, 20, 22, 25, 30, 35, 43, 45, 46, 47, 48	
MRKT	150	PSYC	1, 10, 11, 21, 22, 23, 25, 26, 40	
CDEV	53, 61, 67, 76, 92, 93	SPCH	5	
ECON	1, 3, 6, 10, 25, 30	SOC	1, 2, 3, 25, 30, 35, 50	
GEOG	4, 7	WOMN	25	
HLTH	5, 30, 52, 53, 54, 221, 231			

**ONE ADDITIONAL COURSE (3)**

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

CS 111A plus 111B (preferred); 110A plus 110B MATH 115, 120

*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**

<b>LITERATURE (3)</b>				Completed
ASAM	6	ENGL	1B, 20, 30A, 30B, 32A, 32B, 34A, 34B, 36, 37, 41, 43, 44A, 44B, 46A, 46B, 46C, 48 A-O, 49 A-O, 50, 52, 53, 55, 56A, 56B, 56C, 57, 58A, 59	<input type="text"/>
CLAS	35			
IDST	14, 23, 27A, 27B, 36, 38, 44			

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

<b>VISUAL AND PERFORMING ARTS (3)</b>		
ARCH	29B*	DANC (con't) 151B*,155A*, 155B*, 155C*, 160A* 160B* 160C*,161*,175*
ART	101, 102, 103, 104, 105, 106, 107, 108, 109, 116, 118, 125A, 125B, 126, 130A, 130B, 131A, 131B, 132A, 132B, 136A, 136B, 137, 140A, 140B, 140C, 141, 145A, 145B, 146A, 146B, 150A, 150B,150C, 151A, 151B, 151C, 154, 155, 156, 160A, 160B, 160C, 162A, 162B,170A, 170B, 170C, 180A, 180B, 180C	HUM 11, 12, 20, 25, 35, 41A, 41B, 48 41, 43, 44A, 44B, 46A, 46B, 46C, 48 A-O, 49 A-O, 50, 52, 53, 55, 56A, 56B, 56C, 57, 58A, 59
BCST	100, 101, 102, 103, 104, 105, 106, 110	GRPH 21, 25, 27, 35, 36, 37, 40, 53A, 53B, 67, 98A, 98B, 100A, 100B, 101A, 101B, 110A, 110B, 112, 133, 140
CINE	18, 19, 20A, 20B, 21, 22, 23A, 23B, 24	IDST 38
CLAS	35	LALS 14
DANC	30, 32, 33, 100A,101A*, 101B*, 101C, 102A*, 102B*, 102C, 107A*, 107B*, 107C, 108A*, 108B*, 108C, 109A*, 109B*, 110A*, 110B*, 111A*, 120A*, 120B*, 120C*, 121B*, 122*,125A*, 125B*, 125C*, 126B*, 127*, 130A*, 130B*, 130C*, 132A*, 132B*, 132C*, 135A*, 135B*, 136*, 137A*, 137B*, 140A*, 140B*, 141A*, 141B*, 142A*, 142B*, 145A*, 145B*, 146A*, 146B*, 147A*, 150A*, 150B*, 150C*, 151A*, (con't)	LGBT 20
		MUS 21, 22A, 22B, 22C, 23, 24, 25, 26, 27 A-R, 28
		PHOT 50A, 50B, 51, 52, 53, 55, 57, 60A*, 60B*, 67, 80, 81A, 81B, 82, 83*, 85A, 85B, 86, 89, 90, 93*, 95A, 95B, 101 B-H*, 102A*, 102B*
		TH A 15*, 30, 31, 32, 60, 61*, 62, 63, 71, 72, 73, 107, 150, 151, 153, 154, 155, 160, 163, 164, 165, 200

### 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 for more information.

### CULTURAL DIVERSITY (6)

ADMJ	59	HUM	7, 8, 25, 35, 48	Completed
AFAM	10, 30, 31, 35, 40, 50, 51, 55, 60, 70	IDST	4, 10D, 14, 23, 27A, 27B, 27C, 28A, 28B, 28C, 28D, 28E, 28F, 28G, 29, 30, 36, 37, 40, 42, 44, 45, 70, 100A	
ANTH	3, 3AC, 4, 5, 8, 11, 12, 15, 20, 25			
ART	104, 105, 106, 107, 108	INTR	176	
ASAM	6, 8, 10, 20, 22, 27, 30, 35, 40, 42	JAPA	39, 49	
ASIA	1, 12, 176	LABR	15, 70, 70A, 70B, 80, 81, 88, 100	
BCST	104, 105, 106	LALS	1, 10, 11, 14, 15	
CDEV	76, 93	LGST	5, 10, 11, 12, 15, 20, 21, 24, 25, 30, 40, 50, 55, 60, 70, 75	
CHIN	29A, 29B, 39, 49	MUS	21, 23, 24, 25, 26, 27C, 27T	
DSPS	1	PHST	20, 30	
ECON	25, 30	POLS	7, 8, 12, 18, 35, 45, 47, 48	
ENGL	32A, 32B, 34A, 34B, 36, 37, 48E, 48I, 48L, 48N, 49E, 49I, 49L, 55, 56A, 56B, 56C, 57, 58A, 60	PSYC	22, 23	
FASH	23	SOC	25	
GEOG	4	SPCH	5	
HLTH	52	THA	163	
HIST	9, 12A, 12B, 15A, 15B, 18A, 18B, 20, 21, 33, 34, 35A, 35B, 36, 37, 38, 41A, 41B, 44, 45, 48	WOMN	10, 25	

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.

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, Anthropology 3 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.

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

<b>U.S. HISTORY INSTITUTIONAL REQUIREMENT</b>	
HIST	1, 9, 12A, 12B, 15A, 15B, 17A, 17B, 21, 41A, 41B, 45

*U.S. HISTORY INSTITUTIONAL 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.*

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**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.ccsf.edu>

Articulation Agreement Updated: September 2012   Approved by: Galen Anne Corson, Articulation Officer, [gcorson@ndnu.edu](mailto:gcorson@ndnu.edu)

Amendment to Articulation Agreement:

July 22, 2013 Notice added regarding accreditation status.

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

Notre Dame de Namur University agrees to accept the City College of San Francisco 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:

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

More information on City College of San Francisco:

<http://www.ccsf.edu>

### ART, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
ART 1001	Drawing I	3	ART 130A	Basic Drawing	3	
ART 1002	Drawing II	3	ART 130B	Intermediate Drawing	3	
ART 1018	Life Drawing I	3	ART 132A	Beginning Figure Drawing	3	
ART 1019	Life Drawing II	3	ART 132B	Advanced Figure Drawing	3	
ART 1101	Design: Two Dimensional	3	ART 125A	Basic Design	3	
ART 1109	Design: Color	3	ART 126	Color	3	
ART 1118	Design: Three Dimensional	3	ART 125B	Advanced Design	3	
ART 1127	Design: Advanced	3	No equivalent course			
ART 1201	Art History Survey	3	ART 101 or	Western Art History (to 500 A.D.) (3) or	3	
			ART 102	Western Art History (6 <sup>th</sup> -18 <sup>th</sup> C) (3)		

### ART AND GRAPHIC DESIGN, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
ART 1001	Drawing I	3	ART 130A	Basic Drawing	3	
ART 1010	Drawing with Illustrator	3	GRPH 100A	Beginning Adobe Illustrator	3	
ART 1018	Life Drawing I	3	ART 132A	Beginning Figure Drawing	3	
ART 1019	Life Drawing II	3	ART 132B	Advanced Figure Drawing	3	
ART 1101	Design: Two Dimensional	3	ART 125A	Basic Design	3	
ART 1109	Design: Color	3	ART 126	Color	3	
ART 1118	Design: Three Dimensional	3	ART 125B	Advanced Design	3	
ART 1127	Design: Advanced	3	No equivalent course			
ART 1201	Art History Survey	3	ART 101 or	Western Art History (to 500 A.D.) (3) or	3	
			ART 102	Western Art History (6 <sup>th</sup> -18 <sup>th</sup> C) (3)		

## BIOLOGY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF 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 100B	General Biology	5 <input type="checkbox"/>
BIO 1103 / L	General Biology II / Lab	3/1	BIO 100A	General Biology	5 <input type="checkbox"/>
CHE 1202 / L	General Chemistry I / Lab	3/1	CHEM 101A	General College Chemistry	5 <input type="checkbox"/>
CHE 1204 / L	General Chemistry II / Lab	3/1	CHEM 101B	General College Chemistry	5 <input type="checkbox"/>
MTH 1216	Precalculus / Trigonometry *	4	MATH 97	Precalculus	5 <input type="checkbox"/>
<i>One mathematics course from the following:</i>					
MTH 1320* <b>or</b>	Calculus I* (4) <b>or</b>	3-4	MATH 110A <b>or</b>	Calculus I (4) <b>or</b>	3-4 <input type="checkbox"/>
MTH 1322* <b>or</b>	Applied Calculus* (4) <b>or</b>		MATH 100A <b>or</b>	Short Calculus I (3) <b>or</b>	
MTH 2502*	Statistics* (3)		MATH 80	Probability and Statistics (4)	
<i>(2) semesters of College Physics or (2) semesters of Physics for Scientists:</i>					
PHY 1203 / L <b>plus</b>	College Physics I / Lab (4) <b>plus</b>	8	PHYC 2A / L <b>plus</b>	Introductory Physics (3/1) <b>plus</b>	8 <input type="checkbox"/>
PHY 1205 / L; <b>or</b>	College Physics II / Lab (4); <b>or</b>		PHYC 2B; <b>or</b>	Introductory Physics (3/1); <b>or</b>	<input type="checkbox"/>
PHY 1304 / L <b>plus</b>	Physics for Scientists I / Lab (4) <b>plus</b>		PHYC 4A / L <b>plus</b>	Physics for Scientists/Engineers (3/1) <b>plus</b>	
PHY 1306 / L	Physics for Scientists II (4)		PHYC 4B / L	Physics for Scientists/Engineers (3/1)	

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

## BIOCHEMISTRY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF 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 100B	General Biology	5 <input type="checkbox"/>
BIO 1103 / L	General Biology II / Lab	3/1	BIO 100A	General Biology	5 <input type="checkbox"/>
CHE 1202 / L	General Chemistry I / Lab	3/1	CHEM 101A	General College Chemistry	5 <input type="checkbox"/>
CHE 1204 / L	General Chemistry II / Lab	3/1	CHEM 101B	General College Chemistry	5 <input type="checkbox"/>
MTH 1320*	Calculus I*	4	MATH 110A	Calculus I	4 <input type="checkbox"/>
MTH 1321*	Calculus II* (recommended) (4)		MATH 110B	Calculus II (recommended) (4)	<input type="checkbox"/>
MTH 2502	Statistics	3	MATH 80	Probability and Statistics	4 <input type="checkbox"/>
PHY 1304 / L	Physics for Scientists I	3/1	PHYC 4A / L	Physics for Scientists/Engineers	3/1 <input type="checkbox"/>
PHY 1306 / L	Physics for Scientists II	3/1	PHYC 4B / L	Physics for Scientists/Engineers	3/1 <input type="checkbox"/>

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

## BUSINESS ADMINISTRATION, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF TRANSFERABLE COURSES		
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units    Completed
BUS 1000	Foundations of Business	3	GNBS 119	Introduction to Business	3 <input type="checkbox"/>
BUS 1008	Building Business Values	3	GNBS 120	Business Ethics	3 <input type="checkbox"/>
BUS 1100	Macroeconomics	3	ECON 1	Principles of Macroeconomics	3 <input type="checkbox"/>
BUS 1108	Microeconomics	3	ECON 3	Principles of Microeconomics	3 <input type="checkbox"/>
BUS 1220	Introduction to Financial Accounting	3	ACCT 1	Financial Accounting	4 <input type="checkbox"/>
BUS 1232	Managerial Accounting	3	ACCT 2	Managerial Accounting	4 <input type="checkbox"/>
BUS 1300	Community Based Research/Stats	3		<i>No equivalent course</i>	<input type="checkbox"/>

## COMMUNICATION, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF TRANSFERABLE COURSES		
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units    Completed
COM 1000	Introduction to Communication	3	BCST 103	Mass Media and Society	3 <input type="checkbox"/>
COM 1008	Oral Communication	3	SPCH 1A	Elements of Public Speaking	3 <input type="checkbox"/>
COM 1458L	Media Production Lab	3	JOUR 24	Newspaper Laboratory	4 <input type="checkbox"/>

*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.

## Major Requirements with Emphasis in Software Engineering

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
CIS 1130	Foundations / Computer Science	4	CS 111A <b>plus</b>	Introduction to Programming: Java	3	
			CS 111B; <b>or</b>	Programming Fundamentals	3	
			CS 110A <b>plus</b>	Introduction to Programming C++	3	
			CS 110B	Programming Fundamentals: C++	3	
CIS 1130 / L	Programming Laboratory	1	No equivalent course			
CIS 1140	Data Structure and Abstraction	4	CS 111C <b>or</b>	Data Structure and Algorithms: Java	3	
			CS 110C	Data Structure and Algorithms: C++	3	
MTH1320	Calculus I	4	MATH 110A	Calculus I	4	
MTH1321	Calculus II	4	MATH 110B	Calculus II	4	
MTH2522	Probability and Statistics	4	No equivalent course			
CIS1150*	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			CCSF TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
CIS 1130	Foundations / Computer Science	4	CS 111A <b>plus</b>	Introduction to Programming: Java	3	
			CS 111B; <b>or</b>	Programming Fundamentals	3	
			CS 110A <b>plus</b>	Introduction to Programming C++	3	
			CS 110B	Programming Fundamentals: C++	3	
CIS 1130 / L	Programming Laboratory	1	No equivalent course			
CIS 1140	Data Structure and Abstraction	4	CS 111C <b>or</b>	Data Structure and Algorithms: Java	3	
			CS 110C	Data Structure and Algorithms: C++	3	
BUS 1000	Foundations of Business	3	GNBS 119	Introduction to Business	3	
MTH1322	Applied Calculus	4	MATH 100A	Short Calculus I	3	
MTH2502	Statistics	3	MATH 80	Probability and Statistics	4	
MTH2502 / L	Excel for Statistics	1	No equivalent course			

## HUMAN SERVICES, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	3	
SOC 1001	Introduction to Sociology	3	SOC 1	Introduction to Sociology	3	

## KINESIOLOGY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF 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 100B	General Biology	5	
BIOL 1103 / L	General Biology II / Lab	3/1	BIO 100A	General Biology	5	
One Chemistry course from the following:						
CHE 1101 <b>or</b>	Introductory Chemistry (3) <b>or</b>	3	CHEM 40 <b>or</b>	Introduction Chemical Principles (4) <b>or</b>	3	
CHE 1202 / L <b>or</b>	General Chemistry I/Lab (3/1) <b>or</b>		CHEM 101A <b>or</b>	General College Chemistry (5) <b>or</b>		
CHE 1204 / L	General Chemistry II/Lab (3/1)		CHEM 101B	General College Chemistry (5)		
MTH 2502	Statistics	3	MATH 80	Probability and Statistics	4	
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	3	

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

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



## LIBERAL STUDIES, B.A.

*All coursework at a community college is considered lower-division. Approved lower-division course content may be accepted in lieu of upper-division requirements at Notre Dame de Namur University. Students must still satisfy upper-division major and graduation unit requirements.*

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
<b>Language Studies</b>						
ENG 2108	Advanced Writing	3		<i>Must be taken at NDNU</i>		<input type="text"/>
ENG 2164	Linguistics	3		<i>Must be taken at NDNU</i>		<input type="text"/>
<i>Plus one of the following courses:</i>		3				
COM 1008 or	Oral Communication (3) or		SPCH 1A	Elements of Public Speaking (3)	3	<input type="text"/>
THE 1005	Intro to Oral Interpretation (3)			<i>Must be taken at NDNU</i>		
<b>Mathematics</b>						
MTH 2606	Math for Elementary Teachers I	3		<i>Must be taken at NDNU</i>		<input type="text"/>
MTH 2607	Math for Elementary Teachers II	3		<i>Must be taken at NDNU</i>		<input type="text"/>
<b>Natural Science and Technology</b>						
BIO 1009/1109L	Introduction to Biology (3.5)	7	BIO 11	Intro Science of Living Organisms	4	<input type="text"/>
<i>Plus one Physical Science course from the following:</i>						
PHY 1109 / L or	Introduction Physical Science (3.5) or		P SC 11 / L	Physical Science / L (3/1)	4	<input type="text"/>
PHY2000	Science in Action (4)			<i>Must be taken at NDNU</i>		
<b>Social Science</b>						
PSC 1000	Introduction American Government	3	POLS 1	American Government	3	<input type="text"/>
PSC 2120	World Geography	3		<i>Must be taken at NDNU</i>		<input type="text"/>
<b>History</b>						
HST 2300	American History: 1607-1877	3		<i>Must be taken at NDNU</i>		<input type="text"/>
HST 2350	California History	3		<i>Must be taken at NDNU</i>		<input type="text"/>
<b>Humanities</b>						
ENG 2624	Children's Literature	3		<i>Must be taken at NDNU</i>		<input type="text"/>
REL Course	<i>Upper-division Religious Studies</i>	3		<i>Must be taken at NDNU</i>		<input type="text"/>
<b>The Arts</b>						
For Credential students, one course from the following:		3				<input type="text"/>
ART 2605 or	Art Education Concepts (3) or			<i>No equivalent course</i>		
THE 2151	Children's Theatre (3)			<i>No equivalent course</i>		
For Non-Credential Students:						
<i>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</i>		3		<i>Three units as described</i>	3	<input type="text"/>
<b>Human Development</b>						
EDU 2006	Intro to Education: Practicum	3		<i>Must be taken at NDNU</i>		<input type="text"/>
EDU 2080	Senior Seminar in Liberal Studies	3		<i>Must be taken at NDNU</i>		<input type="text"/>
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	3	<input type="text"/>
PSY 2141	Developmtl Psychology: Child/Adol	3		<i>Must be taken at NDNU</i>	3	<input type="text"/>
<i>Plus one course from the following:</i>		3				
EDU 2003 or	Physical Education in Elem School (3) or			<i>Must be taken at NDNU</i>		<input type="text"/>
SOC 2617	Teach/Learn/Heal through Animals (3)			<i>Must be taken at NDNU</i>		

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

## PSYCHOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF TRANSFERABLE COURSES		
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units    Completed
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	3 <input type="checkbox"/>
MTH 2502	Statistics	3	MATH 80 or	Probability and Statistics or	4 <input type="checkbox"/>
			PSYC 5*	Statistics for Behavioral Sciences*	4 <input type="checkbox"/>

\* Note: this course does not satisfy the Mathematics General Education requirement.

11/15/12 Amendment to 2012-13 Articulation Agreement: PSYC 5 course and explanatory comment added, at department request.

## SOCIOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			CCSF TRANSFERABLE COURSES		
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units    Completed
SOC 1001	Introduction to Sociology	3	SOC 1	Introduction to Sociology	3 <input type="checkbox"/>
SOC 1009	Cultural Anthropology	3	ANTH 3	Intro Social/Cultural Anthropology	3 <input type="checkbox"/>

650.508.3600 NDNU Admissions Office

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

Articulation Agreement Updated: September 2012    Approved by: Galen Anne Corson, Articulation Officer, [gcorsen@ndnu.edu](mailto:gcorsen@ndnu.edu)

Amendment to Articulation Agreement:  
July 22, 2013 Notice added regarding accreditation status.

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