



# General Education Transfer Credit Agreement 2014-2015 Catalog

This articulation agreement describes how courses taken at Contra Costa College will transfer to meet NDNU 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 Contra Costa College:	http://www.contracosta.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.

N	DNU GEN	ERAL EDUCATION REQUIREME	NTS	
	FRESHMAN YE	AR SEMINAR (3)	Waived for students transferring in more than 12 units.	
	DISCIPLINE-SP	ECIFIC TECHNOLOGY	Usually taken at NDNU as part of major requirements.	
Α.	. FOUNDA	ATION COURSES		
	LOWER-DIVISION	ON WRITING (3)		Completed
_	ENGL	ENGL 1A, 1C		
	WORLD HISTO	PRY (6)		
	HIST	140, 141		
_				
	MATHEMATIC	s (3)		
_	MATH	164, 170, 171, 180, 185, 190, 191, 200, 290, 292		
	MODERN LANG	GUAGE/ CULTURE AND LANGUAGE (6)		
	Student must de	emonstrate language proficiency equivalent to a minimu	m of one year of study at NDNU by successfully completing	
	Level 2 or highe	er. All courses used to satisfy the requirement must be in t	he same language.	
		CHIN 120; JAPAN 120; SPAN 120		
		CHIN 122; JAPAN 121; SPAN 121		
	Level 3:	SPAN 220; SPAN 221		

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 taken at a transfer school that does not offer World History (effective Fall 2012). Please speak with your transfer counselor if you would like 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 successfully complete Level 2 or higher, unless eligible for exemption. For majors leading to a B.S. degree, Culture and Language courses (usually taken at NDNU) may be substituted for Modern Language.

B. SOCIAL AND PERSONAL RESPONSIBILITY							
PHILOSOPHY	(3)			Completed			
PHILO	100, 110	HUMAN	160, 180				
RELIGIOUS ST	JDIES (6)						
ANTHR	150	PHILO	220				

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.

NATURAL AND	PHYSICAL SCIENCES (3)			Completed
ANTHR	140, 140L*	GEOL	120, 120L*	
ASTRO	120	HED	115	
BIOSC	110, 119, 132, 134, 140, 141, 148, 157, 159*, 160, 172	HHS	212, 221	
CHEM	119, 120, 121, 226, 227	KINS	201	
EMED	130, 230, 240, 255	NURS	210, 260, 261*,	
GEOG	120, 120L*, 126, 130	PHYS	110, 110L*, 120, 120H, 121, 121H, 130, 230, 231	
SOCIAL AND B	EHAVIORAL SCIENCES (3)			
ADJUS	223, 225	LARAZ	113, 190	
AFRAM	110, 120, 125, 226	POLSC	125, 225	
ANTHR	130	PSYCH	118, 120, 126, 128, 130, 132, 140, 220, 222, 237	
ECHD	121, 144, 220	SOSC	140, 296	
ECON	220, 221	SOCIO	220, 221, 225, 234, 236, 245, 250	
GEOG	160	SPCH	122	
HHS	212			

COMP 251, 252, 257, 260, 280

MATH 185, 200

<sup>\*</sup>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. CREATIV	D. CREATIVE ARTS					
LITERATURE (	LITERATURE (3)			Completed		
ENGL	1B, 163?, 210B, 220B, 230B, 250A, 250B, 274	LARAZ	130, 250			
VISUAL AND P	ERFORMING ARTS (3)					
ART	117, 118, 124*, 125*, 132*, 133*, 140*, 158*, 159*,	MEDIA	152, 153, 161			
	161*, 162*, 174*, 175*, 184, 190, 191, 224*, 225*,	MUS	108, 109*, 114, 119, 120, 121, 150*, 150A*, 150B*,			
	232*, 233*, 258*, 259*, 261*, 262*, 274*, 275*		151*, 155*, 155A*, 155B*, 158*, 159*, 163*, 167*,			
DANCE	101, 118*, 161*, 163*, 164*, 166*, 167*, 169*, 170*,		170*, 171*, 175*, 175A*, 175B*, 176*, 177*, 190*,			
	171*, 172*		191*, 195A*, 195B*, 195C*, 195D*, 222, 223, 250*,			
DRAMA	101, 106*, 110, 120, 220*		251*, 258*, 259*, 270*			
ENGL	250A, 250B					
ONE ADDITION	ONE ADDITIONAL COURSE (3)					
From the above	Creative Arts disciplines					

<sup>\*</sup>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. COMMUN	E. COMMUNITY ENGAGEMENT AND CULTURAL DIVERSITY							
COMMUNITY E	NGAGEMENT (3)			Completed				
Please see	e transfer counselor for more information.							
<b>CULTURAL DIVE</b>	RSITY (6)							
AFRAM	110, 120, 125, 226	PSYCH	140, 222					
ANTHR	130	SOCSC	140, 245					
ART	118	SPCH	122					
DRAMA	110							
ECHD	144							
ENGL	230B, 274							
GEOG	130, 160							
HHS	222							
HIST	110, 122, 123, 127							
LARAZ	110, 113, 125, 127, 130, 141, 190, 250							
POLSC	225							

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, AFRAM 110 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

HIST 120, 121, 122, 123, 127

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.contracosta.edu

Articulation Agreement Created: May 2014 Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu



# Lower Division Major Preparation: Transfer Credit Agreement 2014-2015 Catalog

Notre Dame de Namur University agrees to accept the Contra Costa 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.

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Course Descriptions and Major Prerequisites:	http://www.ndnu.edu/catalog
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#### ART, B.A.

NDNU LOW	ER-DIVISION MAJOR PREPARATION	CONTRA CO	OSTA COLLEGE TRANSFERABLE COUR	SES		
		Sem.			Sem.	
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed
ART 1001	Drawing I	3	ART 174	Drawing/Composition (Beg I)	3*	
ART 1002	Drawing II	3	ART 175	Drawing/Composition (Beg II)	3*	
ART 1018	Life Drawing I	3		No equivalent course		
ART 1019	Life Drawing II	3		No equivalent course		
ART 1101	Two Dimensional Design	3		No equivalent course		
ART 1109	Color Design	3	ART 184	Pastels and Color Theory	3	
ART 1118	Three Dimensional Design	3	ART 140	Sculpture: Beginning I	3*	
ART 1127	Advanced Design	3		No equivalent course		
ART 1201	Art through Time: Art History Survey	3	ART 190 <b>or</b>	Hist Art: West Art Prehist/Middle Ages (3) or	3	
			ART 191	Hist Art: Ren to Contemp (3)		

<sup>\*</sup> Courses with variable units must meet the 3-unit requirement.

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

NDNU LOWER-DIVISION MAJOR PREPARATION			CONTRA COSTA COLLEGE TRANSFERABLE COURSES					
		Sem.			Sem.			
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed		
ART 1001	Drawing I	3	ART 174	Drawing/Composition (Beg I)	3*			
ART 1010	Drawing with Illustrator	3		No equivalent course				
ART 1018	Life Drawing I	3		No equivalent course				
ART 1019	Life Drawing II	3		No equivalent course				
ART 1101	Two Dimensional Design	3		No equivalent course				
ART 1109	Color Design	3	ART 184	Pastels and Color Theory	3			
ART 1118	Three Dimensional Design	3	ART 140	Sculpture: Beginning I	3*			
ART 1127	Advanced Design	3		No equivalent course				
ART 1201	Art through Time: Art History Survey	3	ART 190 <b>or</b>	Hist Art: West Art Prehist - Middle Ages <b>or</b>	3			
			ART 191	Hist Art: Ren to Contemp	3			
* Courses with variable units must meet the 3-unit requirement.								

### BIOLOGY, B.S.

NDNU LOWER-D	IVISION MAJOR PREPARATION	CONTRA COS	TA COLLEGE TRANSFERABLE COURS	SES		
		Sem.			Sem.	
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed
BIO 1101 / L	General Biology I / Lab	3/1	BIOSC 140	Principles of Biology	4	
BIO 1103 / L	General Biology II / Lab	3/1	BIOSC 141	Principles of Biology	4	
CHE 1202 / L	General Chemistry I / Lab	3/1	CHEM 120	General College Chemistry	5	
CHE 1204 / L	General Chemistry II / Lab	3/1	CHEM 121	General College Chemistry	5	
MTH 1216	Precalculus with Trigonometry *	4		No equivalent course		
One mathematics cou	rse from the following:					
MTH 1320* or	Calculus I* (4) or	3-4	MATH 190* <b>or</b>	Analytic Geometry and Calculus(5)* or	4-5	
MTH 1322* or	Applied Calculus* (4) or		MATH 180* <b>or</b>	Applied Calculus (4)*		
MTH 2502*	Statistics* (3)		MATH 164	Intro Probability and Statistics (4)*		
(2) semesters of College	Physics or (2) semesters of Physics for Scie	ntists:				
PHY 1203 / L plus	College Physics I / Lab (4) plus	8	PHYS 120/H plus	General College Physics I/Honors (4) plus	8-12	
PHY 1205 / L; <b>or</b>	College Physics II / Lab (4); or		PHYS 121/H; <b>or</b>	General College Physics II/Honors (4); or		
PHY 1304 / L <b>plus</b>	Physics for Scientists I / Lab (4) plus		PHYS 130 plus	General Physics I <b>plus</b>		
PHY 1306 / L	Physics for Scientists II /Lab (4)		PHYS 230 <b>or</b>	General Physics II (4) or		
			PHYS 231	General Physics III (4)		
* 2 Math courses req	uired which correspond to level 4 on	the mat	th placement test, o	r higher.		

# BIOCHEMISTRY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CONTRA CO	STA COLLEGE TRANSFERABLE COUR	SES	_
		Sem.			Sem.	
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed
BIO 1101 / L	General Biology I / Lab	3/1	BIOSC 140	Principles of Biology	4	
BIO 1103 / L	General Biology II / Lab	3/1	BIOSC 141	Principles of Biology	4	
CHE 1202 / L	General Chemistry I / Lab	3/1	CHEM 120	General College Chemistry	5	
CHE 1204 / L	General Chemistry II / Lab	3/1	CHEM 121	General College Chemistry	5	
MTH 1320*	Calculus I*	4	MATH 190	Analytic Geometry and Calculus	5	
MTH 1321*	Calculus II* (recommended) (4)		MATH 191	Analytic Geometry and Calculus	4	
MTH 2502	Statistics	3	MATH 164	Introduction Probability and Statistics	4	
PHY 1304 / L <b>plus</b>	Physics for Scientists I / Lab (4) plus		PHYS 130 plus	General Physics I (4) plus	8	
PHY 1306 / L	Physics for Scientists II /Lab (4)		PHYS 230 or	General Physics II (4) or		
			PHYS 231	General Physics III (4)		

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

# BUSINESS ADMINISTRATION, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CONTRA CO	OSTA COLLEGE TRANSFERABLE COUF	RSES	
		Sem.			Sem.	
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed
BUS 1000	Foundations of Business	3	BUS 109	Introduction to Business	3	
BUS 1008	<b>Building Business Values</b>	3		No equivalent course		
BUS 1100	Macroeconomics	3	ECON 220	Intro to Macroeconomics Principles	3	
BUS 1108	Microeconomics	3	ECON 221	Intro to Microeconomics Principles	3	
BUS 1220	Introduction to Financial Accounting	3	BUS 186	Principles of Accounting I	4	
BUS 1232	Managerial Accounting	3	BUS 187	Principles of Accounting II	4	
BUS 1300	Community Based Research/Stats	3		No equivalent course		

### COMMUNICATION, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			CONTRA C	OSTA COLLEGE TRANSFERAB	LE COURSES		
		Sem.			Sem.		
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed	
COM 1000	Introduction to Communication	3	JRNAL 130	Mass Communication	3		
COM 1008	Oral Communication	3	SPCH 120	Public Speaking	3		
COM 1458L	Media Production Lab	3	Complete 3 unit	s from the following:	3		
			JRNAL 110 (1), JRNAL 120 (3), JRNAL 122 (3), JRNAL 123 (3), JRNAL 124 (2),				
			JRNAL 161 (3), JRNAL 222 (3), or JRNAL 223 (3)				

# COMPUTER AND INFORMATION SCIENCE, B.S.

**Emphasis in Software Engineering** 

NDNU LOW	ER-DIVISION MAJOR PREPARATION		CONTRA CO	OSTA COLLEGE TRANSFERABLE COURS	SES	
		Sem.			Sem.	
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed
CIS 1130	Foundations / Computer Science	4	COMP 257 <b>or</b>	JAVA with Object-Oriented Programming (4) or	4	
			COMP 251	Fundamentals of Computer Science C++ (4)		
CIS 1130 L	Programming Laboratory	1		No equivalent course		
CIS 1140	Data Structure and Abstraction	4	COMP 252	Data Structures and Algorithms	4	
MTH 1320	Calculus I	4	MATH 190	Analytic Geometry and Calculus	5	
MTH 1321	Calculus II	4	MATH 191	Analytic Geometry and Calculus	4	
MTH 2522	Probability and Statistics	4		No equivalent course		
CIS 1150*	Computer Organization * (4)		COMP 280	Computer Structure and Organization	4	

<sup>\*</sup> 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 LOW	NDNU LOWER-DIVISION MAJOR PREPARATION			CONTRA COSTA COLLEGE TRANSFERABLE COURSES				
		Sem.			Sem.			
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed		
CIS 1130	Foundations / Computer Science	4	COMP 257 <b>or</b>	JAVA with Object-Oriented Programming (4) or	4			
			COMP 251	Fundamentals of Computer Science C++ (4)				
CIS 1130 L	Programming Laboratory	1		No equivalent course				
CIS 1140	Data Structure and Abstraction	4	COMP 252	Data Structures and Algorithms	4			
BUS 1000	Foundations of Business	3	BUS 109	Introduction to Business	3			
MTH 1322	Applied Calculus	4	MATH 180	Applied Calculus	4			
MTH 2502	Statistics	3	MATH 164	Introduction Probability and Statistics	4			
MTH 2502 L	Excel for Statistics	1		No equivalent course				

### HUMAN SERVICES, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CONTRA C	OSTA COLLEGE TRANSFERABLE	COURSES	
		Sem.			Sem.	
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed
PSY 1001	Introduction to Psychology	3	PSYCH 220	General Psychology	3	
SOC 1001	Introduction to Sociology	3	SOCIO 220	Introduction to Sociology	3	

#### KINESIOLOGY, B.S.

NDNU LOWER	NDNU LOWER-DIVISION MAJOR PREPARATION			CONTRA COSTA COLLEGE TRANSFERABLE COURSES				
		Sem.			Sem.			
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed		
BIO 1101 / L	General Biology I / Lab	3/1	BIOSC 140	Principles of Biology	4			
BIOL 1103 / L	General Biology II / Lab	3/1	BIOSC 141	Principles of Biology	4			
One Chemistry coul	rse from the following:							
CHE 1101 or	Introductory Chemistry (3) or	3-4	CHEM 119 <b>or</b>	Introductory Chemistry (4) or	4-5			
CHE 1202 /L or	General Chemistry I/Lab (3/1) or		CHEM 120 <b>or</b>	General College Chemistry (5) or				
CHE 1204 /L	General Chemistry II/Lab (3/1)		CHEM 121	General College Chemistry (5)				
MTH 2502	Statistics	3	MATH 164	Introduction to Probability and Statistics	4			
PSY 1001	Introduction to Psychology	3	PSYCH 220	General Psychology	3			
NDNU recommer	nds that students complete a course in F	<del>T</del> uman Ai	natomy prior to e	enrollment in upper-division courses for the Ki	nesioloa	v maior.		

### LIBERAL STUDIES, B.A.

NDNU LOWE	R-DIVISION MAJOR PREPARATION		CONTRA C	OSTA COLLEGE TRANSFERABLE COU	IRSES	
		Sem.			Sem.	
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed
BIO 1009/1109L	Introduction to Biology with Lab	3.5	BIOSC 110	Intro to Biological Science (with lab)	4	
PSC 1000	Introduction American Government	3	POLSC 125	Government of the United States	3	
For Credential st	udents, one course from the following:	3				
ART 2605 <b>or</b>	Art Education Concepts (3) or			Must be taken at NDNU		
THE 2151	Children's Theatre (3)			Must be taken at NDNU		
For Non-Credent	ial Students:					
Three units within t	the Visual and Performing Arts meeting	3		Three units as described		
one of the following	g criteria: One 3-unit content course, or					
3 units in studio/pe	rformance or concepts					
PSY 1001	Introduction to Psychology	3	PSYCH 220	General Psychology	3	
REL 1250	Religions of the World	3	PHILO 220	Comparative Religion	3	

<sup>8/12/14</sup> Amendment to Articulation Agreement: a course in Oral Communication/Introduction to Oral Interpretation is no longer required for the Liberal Studies major prerequisites, for students entering NDNU in 2014-15 or thereafter. The courses have been removed from the articulation agreement.

#### PSYCHOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			CONTRA C	OSTA COLLEGE TRANSFERABLE COUR	SES	
		Sem.			Sem.	
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed
PSY 1001	Introduction to Psychology	3	PSYCH 220	General Psychology	3	
MTH 2502	Statistics	3	MATH 164	Introduction Probability and Statistics (4) or		
			SOCIO 234*	Intro to Statistics in the Social Sciences* (3)		

<sup>\*</sup> Note: SOCIO 234 does not satisfy the Mathematics General Education requirement at NDNU.

### SOCIOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			CONTRA C	OSTA COLLEGE TRANSFERABLE	COURSES	
		Sem.			Sem.	
Course Code	Course Title	Units	Course Code	Course Title	Units	Completed
SOC 1001	Introduction to Sociology	3	SOCIO 220	Introduction to Sociology	3	
SOC 1009	Cultural Anthropology	3	ANTHR 130	Cultural Anthropology	3	

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