

# General Education Transfer Credit Agreement for 2017-2018 Catalog

This transfer agreement describes how courses taken at College of Alameda 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: 650.508.3600 NDNU		_		
	Course Descriptions and Major Prerequisites: http://www.ndnu.edu	•	_		
	More information on College of Alameda: http://www.alameda	a.peraita.edu			
legree-	or Awarding Transfer Credit. With the exception of remedial or vocational courses, NDNU accepts credit for courses complete granting regionally-accredited two-year college or four-year college or university. Courses from California Community Colleges ed recommendations for transfer of courses to the California State University system.			-	-
	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 co	ourse that must be taken	at NDN	IU	
NDN	IU GENERAL EDUCATION REQUIREMENTS				
1	Freshman Seminar (3) Freshmen take the course at NDNU. Waived for students transferring in more than 12 units.	AT NE OR W	ONU; 'AIVED	C	IP
A. F	FOUNDATION COURSES	18	8 unit	S	
1	Lower-division Writing (3)	Ц	D WRIT	С	IP
	ENGL 1A, 5			С	
2	World History (6)	HS	ST: A		IP
	SECTION A: World History (3)  No equivalent course		ICT. D	c	IP
	<b>SECTION B:</b> A second course in World History (above) is required for first-time freshmen, and preferred for transfer students may also satisfy the Section B requirement through one of the following General History courses.		IST: B		
	<b>AFRAM</b> 30, 31, 32; <b>HIST</b> 5, 7A, 7B, 8A, 11, 12, 17, 18, 19, 51, 52, 53A, 53B; <b>M/LAT</b> 18A, 18B				
	WORLD HISTORY. First-time Freshmen: Students entering with no college credit at the time of matriculation to ND. requirement by taking and passing HST 1000 and HST 1010. Transfer Students: Students entering with college cre matriculation to NDNU may transfer a World History course to satisfy the Section A or Section B requirement; or may general history course to satisfy the Section B requirement. At least (3) of the (6) units required must be in World History. A Civilization may not be applied to the World History general education requirement, but may transfer for general elective.	edit at the time of take an approved A course in Western			
3	Mathematics (3)	1	МТН	<u>с</u>	IP
	<b>MATH</b> 2, 3A, 3B, 3C, 3E, 3F, 11, 12, 13, 15, 16A, 50				
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 conhigher. All courses used to satisfy the requirement must be in the same language.	-		С	ID
	<b>LEVEL 1:</b> CHIN 10A; FREN 1A; GERM 1A; SPAN 1A; VIET 1A	L U	ANG: EVEL 1	$\Box$	
	LEVEL 2: CHIN 10B; FREN 1B; GERM 1B; SPAN 1B; VIET 1B		ANC:	С	IP
	<b>LEVEL 3:</b> CHIN 11A; 11B; 12A; 12B; SPAN 2A; 2B; VIET 2A; 2B	L Lf	ANG: EVEL 2		
	MODERN LANGUAGE/CULTURE AND LANGUAGE. Students who have completed the third-year level of one foreign langues 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. of must satisfy the Modern Language requirement by completing Level 2 as described above, unless eligible for exemption. to a B.S. degree, Foreign Culture and Language courses may be substituted for Foreign Language.	and B.F.A. students	ANG: EVEL 3	С	IP
B. S	OCIAL AND PERSONAL RESPONSIBILITY	9	units		
1	Philosophy (3) PHIL 1, 2, 4, 5, 10, 20A, 20B		PHL	С	IP

2	0 0000000000000000000000000000000000000	REL: AT NDNU		IP
	ANTHR 7; HUMAN 13A, 13B, 40, 51A–C  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.	REL	<u>c</u>	IP
Э. Т	HE INVIDUAL, SOCIETY, AND THE ENVIRONMENT	9 unit	S	
1	Natural and Physical Sciences (3)  ANTHR 1, 1L*, 48AD; ASTR 1; BIOL 1A, 1B, 2, 4, 10, 31, 48AG, 48F; BIOSC 48AA; CHEM 1A, 1B, 30A, 30B, 50; GEOG 1, 1L*; GEOL 10; PHYS 4A, 4B, 4C, 10	NSC	С	IP
	*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.			
2	Social and Behavioral Sciences (3)  AFRAM 5, 30, 31, 32; ANTHR 3, 14, 19, 48AA, 48AB, 48AD; ASAME 45A, 45B; BUS 5; COMM 6, 19; ECON 1, 2, 5; GEOG 2; HUMAN 2, 3, 13A, 13B, 15, 51A, 51B, 51C, 60; M/LAT 2A, 2B, 2C, 18A, 18B; POSCI 1, 2, 3, 4, 6, 8, 16, 26, 31, 32, 35, 36, 37; PSYCH 1A, 1B, 3, 7A, 7B, 9A, 9B, 12, 18, 24, 34, 48AA; SOC 1, 2, 3, 5	SOC	С	IP
3	One Additional Course (3) From Natural/Physical Sciences; Social/Behavioral Sciences; or from Computational Science, below.  CIS 36A (preferred); 6, 25, 26, 36B; MATH 3E, 11	NSC, SOC, or COMPL	С	IP
). (	CREATIVE ARTS	9 unit	S	
1	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.	LIT	С	IP
	<b>ENGL 1036</b> : ENGL 1B <b>ENGL 1040</b> : ENGL 27A, 30A, 30B, 31, 32A, 47			
	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.			
2	Visual and Performing Arts (3)	VPA	С	IP
	<b>A) Visual Arts:</b> 1, 2, 3, 4, 20*, 22, 23, 41*, 46, 47, 50, 51*, 52, 53, 60*, 61*, 62, 63, 122			
	<b>B) Music:</b> MUSIC 1A, 1B, 9, 10, 12A, 12B, 15A, 15B, 23*, 25*, 28*, 36*, 38*, 42*, 44*, 46*, 48AA*, 48AB, 48AC, 48AD*, 48AE*, 48AF*, 48AH, 109*, 110*, 111*, 112*, 113*, 114*, 115*, 116*, 117*, 118*, 119*, 120*, 130*, 131*, 132*, 133			
	<b>C)</b> Theatre and Dance: DANCE 12B, 24*, 25*, 26*, 27*, 28*, 29*, 48AB*, 48AD*, 48AE*, 48AF*, 48AG*, 48AH*, 48AI*, 48AK*, 48AN*, 48AO*, 48AP*, 48AQ*, 60*,61*, 62*, 63*, 68*, 69*, 70*, 71*, 92*, 93*, 94*;			
3	One Additional Course (3) From the above Creative Arts disciplines	LIT or VPA	С	IP
	*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	OMMUNITY ENGAGEMENT AND CULTURAL DIVERSITY	9 unit	S	
1	Community Engagement (3) Usually satisfied through the Major requirements POSCI 41	CE	С	IP
	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	<b>Cultural Diversity (6)</b> Generally does not add units; may double-count with a course in the General Education or Major requirements, except Culture and Language.	CDIV	С	IP
	AFRAM 5, 30, 31, 32; ANTHR 2, 3, 14, 19, 48AA, 55; ART 8A, 8B, 122; ASAME 45A, 45B, 48AA; COMM 6; ENGL 31, 32A; GEOG 2; HIST 5, 8A, 8B, 11, 12, 17, 18, 19, 50, 51, 52, 53A, 53B, 56; HUMAN 40, 51A, 51B, 51C, 60; MLAT 2A, 2B, 2C, 3, 18A, 18B, 48AA; MUSIC 9, 15A; PHIL 4: POSCI 3, 37: PSYCH 18, 48AA; SOC 3, 5: SOCSC 48AA		С	IP

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 7A, 7B, 17, 18, 50, 51, 52; AFRAM 30, 31, 32; ASAME 45A, 45B

C IP
US HST

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.alameda.peralta.edu

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



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

Notre Dame de Namur University agrees to accept the College of Alameda 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 M	ajor Prerequisites:	http://www.ndnu.edu/catalog
	More information on Colle	ge of Alameda:	http://www.alameda.peralta.edu
KEY:	C = Completed Course	= A requirement that may be satisfied by a course tau	ight 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 L	OWER-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA EQUIVALENT COURS	ES		
Course					Units	c	1
Code	Course Title	Units	Course Code	Course Title	Ē		
ACC 1216	Accounting Procedures	3	N/A	No equivalent course			ıL
ACC 1224	Financial Accounting	3	BUS 1A	Financial Accounting	4		ıL
ACC 1232	Managerial Accounting	3	BUS 1B	Managerial Accounting	4		ıL
BUS 1000	Foundations of Business	3	BUS 10	Introduction to Business	3		ı
BUS 1100	Macroeconomics	3	ECON 1	Macroeconomics	3		ıΓ
BUS 1108	Microeconomics	3	ECON 2	MIcroeconomics	3		ı
The followi	ng is a prerequisite to enrollment in the following courses	to satisfy A	Accounting ma	jor requirements: BUS 2224 – Corpora	te Finance I; BUS 298	30 o	r E
2980W – B	usiness Policies/Strategies.						
MTH 2502	Statistics (3)		MATH 13	Introduction to Statistics (4)			l

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

NDNU LO	WER-DIVISION MAJOR PREPARATION		COLLEGE (	OF ALAMEDA EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
ART 1001	Drawing I	3	ART 20	Beginning Drawing/Composition	3		
ART 1002	Drawing II	3	ART 22	Intermediate Drawing/Composition	3		
ART 1018	Life Drawing I	3	N/A	No equivalent course			
ART 1019	Life Drawing II	3	N/A	No equivalent course			
ART 1101	Two Dimensional Design	3	ART 46	Two Dimensional Visual Design	3		
ART 1109	Color and Design	3	ART 42 plus	Intermediate Design: Color (2) plus	2		
			ART 43	Advanced Design: Color (2)	2		
ART 1118	Three Dimensional Design	3	ART 47	Three-Dimensional Design	3		
ART 1127	Advanced Design	3	N/A	No equivalent course			
ART 1201	Art History Survey	3	ART 3	History Medieval /Ren/Baroque Art: 1100-1800 A.D.	3		

## ART AND GRAPHIC DESIGN, B.A.

NDNU LC	OWER-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
ART 1001	Drawing I	3	ART 20	Beginning Drawing/Composition	3		
ART 1010	Drawing with Illustrator	3	N/A	No equivalent course			
ART 1018	Life Drawing I	3	N/A	No equivalent course			
ART 1101	Two Dimensional Design	3	ART 46	Two Dimensional Visual Design	3		
ART 1109	Color and Design	3	ART 42 plus	Intermediate Design: Color (2) plus	2		
			ART 43	Advanced Design: Color (2)	2		
ART 1118	Three Dimensional Design	3	ART 47	Three-Dimensional Design	3		
ART 1127	Advanced Design	3	N/A	No equivalent course			
ART 1201	Art History Survey	3	ART 3	History Medieval /Ren/Baroque Art: 1100-1800 A.D.	3		

### BIOLOGICAL SCIENCES

NDNU LO	WER-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
BIO 1000	Science Success Seminar	2	N/A	Requirement waived for transfer students.			
BIO 1101/L	General Biology I/Lab	3 + 1	BIO 1A	General Biology	5		
BIO 1103/L	General Biology II/Lab	3 + 1	BIO 1B	General Biology	5		. L
CHE 1202/L	General Chemistry I/Lab	3 + 1	CHEM 1A	General Chemistry	5		,
CHE 1204/L	General Chemistry II/Lab	3 + 1	CHEM 1B	General Chemistry	5		
MTH 1216	Precalculus with Trigonometry	4	MATH 2	Pre-Calculus with Analytic Geometry	5		L
MTH 2502/L	Statistics	3	MATH 13	Introduction to Statistics	4		
	ursework highly recommended for future medical, dental, dicine, or future graduate students			ursework highly recommended for future medical, licine, or future graduate students	dental,		
PHY 1203/L	College Physics I/Lab (3 + 1)		N/A	No equivalent course			
PHY 1205/L	College Physics II/Lab (3 + 1)		N/A	No equivalent course			
MTH 1320	Calculus I (4)		MATH 3A	Calculus I (5)			.

### BUSINESS ADMINISTRATION, B.S.

NDNU LOV	WER-DIVISION MAJOR PREPARATION		COLLEGE OF ALAMEDA EQUIVALENT COURSES							
Course Code	Course Title	Units	Course Code	Course Title	Units <u>(</u>	c	IP			
BUS 1000	Foundations of Business	3	BUS 10	Introduction to Business	3					
BUS 1100	Macroeconomics	3	ECON 1	Macroeconomics	3					
BUS 1108	Microeconomics	3	ECON 2	MIcroeconomics	3					
ACC 1216	Accounting Procedures	3	N/A	No equivalent course						
ACC 1224	Financial Accounting	3	BUS 1A	Financial Accounting	4					
ACC 1232	Managerial Accounting	3	BUS 1B	Managerial Accounting	4					
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.										
MTH 2502	Statistics (3)		MATH 13	Introduction to Statistics (4)						

### COMMUNICATION, B.A.

	NDNU LO	WER-DIVISION MAJOR PREPARATION	COLLEGE OF ALAMEDA EQUIVALENT COURSES					
	Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
	COM 1000	Introduction to Communication	3	COMM 19	Survey of Mass Media	3	,,,,	
	COM 1001	Public Relations Principles	3	N/A	No equivalent course			
	COM 1008	Oral Communication	3	COMM 45	Public Speaking	3		
_	COM 1456L	Media Production Lab	3	N/A	No equivalent course			

### COMPUTER AND INFORMATION SCIENCE, B.S.

### Track 1: Software Engineering

NDNU LOV	WER-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
CIS 1130	Foundations / Computer Science	4	CIS 36A or	Java Programming Language I (4) or	4		
			CIS 25	Object-Oriented Programming C++ (4)			
CIS 1130/L	Programming Laboratory	1	N/A	No equivalent course			
CIS 1140	Data Structure and Abstraction	4	N/A	No equivalent course			
MTH1320	Calculus I	4	MATH 3A	Calculus I	5		
MTH1321	Calculus II	4	MATH 3B	Calculus II	5		,,,,,,,,
MTH2522	Probability and Statistics	4	N/A	No equivalent course			
CIS1150*	Computer Organization (4)*		N/A	No equivalent course			
* Select four a	dditional courses from the list of approved Computer ar	nd Information	Science courses	in the NDNU catalog; among these courses, one	e option is the		

Track 2: Management Information Systems

lower-division CIS 1150.

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NDNU LO	WER-DIVISION MAJOR PREPARATION		COLLEGE (	OF ALAMEDA EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
CIS 1130	Foundations / Computer Science	4	CIS 36A or	Java Programming Language I (4) or	4		
			CIS 25	Object-Oriented Programming C++ (4)			
CIS 1130/L	Programming Laboratory	1	N/A	No equivalent course			
CIS 1140	Data Structure and Abstraction	4	N/A	No equivalent course			
BUS 1000	Foundations of Business	3	BUS 10	Introduction to Business	3		
MTH1322	Applied Calculus	4	MATH 16A	Calculus for Business/Life/Social Sciences (3)	3		
MTH2502	Statistics	3	MATH 13	Introduction to Statistics	4		
MTH2502/L	Excel for Statistics	1	N/A	No equivalent course			

### ENGLISH, B.A.

NDNU LC	WER-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA EQUIVALENT COURSES	
Course Code	Course Title	Units	Course Code	Course Title	Units C IP
ENG 1030	First Year Composition	3	ENGL 1A or	Composition and Reading (3) or	3-4
			ENGL 5	Critical Thinking in Reading and Writing (4)	
ENG 1036	Literary Engagements	3	ENGL 1B	Composition and Reading	4
ENG 1040	Classics of World Literature I	3	N/A	No equivalent course	
ENG 1041	Classics of World Literature II	3	N/A	No equivalent course	

#### HEALTH SCIENCES, B.S.

NDNU LOV	WER-DIVISION MAJOR PREPARATION		COLLEGE (	OF ALAMEDA EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
BIO 1000	Science Success Seminar	2	N/A	Requirement waived for transfer students			
CHE 1200/L	General, Organic, and Biological Chemistry / Lab (3 + 1)	4	CHEM 30A plus	Introductory General Chemistry plus	4		
			CHEM 30B	Introductory Organic and Biochemistry	4		
HSC 1000	Introduction to Health Sciences	3	KIN 150	Introduction to Kinesiology	3		
HSC 1002	Microbes and Diseases	3	BIOL 48AG	Microbiology and Infectious Diseases	3		
HSC 1005/L	Anatomy and Physiology I / Lab (3 + 1) plus	4	BIOL 2 plus	Human Anatomy <b>plus</b>	5		
HSC 1006/L	Anatomy and Physiology II / Lab (3 + 1)	4	BIOL 4	Human Physiology	5		
PSY 1001	Introduction to Psychology	3	PSYCH 1A	Introduction to General Psychology	3		
MTH 2502	Statistics	3	MATH 13	Introduction to Statistics	4		
MTH 2502L, or	Excel for Statistics (1), or	1	N/A	No equivalent course			
MTH 2503L	SPSS for Statistics (1)		N/A	No equivalent course			

### HISTORY, B.A.

NDNU LOV	WER-DIVISION MAJOR PREPARATION		COLLEGE (	OF ALAMEDA EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP	,,,,,
HST 1000	World History I	3	N/A	No equivalent course				
HST 1010	World History II	3	N/A	No equivalent course				
PSC 1000	Introduction to American Government	3	POSCI 1	Government and Politics in the U.S.	3		ıL	
PSC 1100	Introduction to Comparative Government	3	POSCI 2	Comparative Government	3		1	

### HUMAN SERVICES, B.S.

NDNU LO	WER-DIVISION MAJOR PREPARATION		COLLEGE (	OF ALAMEDA EQUIVALENT COURSES	
Course Code	Course Title	Units	Course Code	Course Title	Units c IP
PSY 1001	Introduction to Psychology	3	PSYCH 1A	Introduction to General Psychology	3
SOC 1001	Introduction to Sociology	3	SOC 1	Introduction to Sociology	3

### KINESIOLOGY, B.S.

NDNU LOV	WER-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
BIO 1101/L	General Biology I/Lab	3 + 1	BIO 1A	General Biology	5		
BIO 1103/L	General Biology II/Lab	3 + 1	BIO 1B	General Biology	5		
MTH 2502	Statistics	3	MATH 13	Introduction to Statistics	4		
PSY 1001	Introduction to Psychology	3	PSYCH 1A	Introduction to General Psychology	3		
•	y course from the following. In the case that a lecture c the lab course is optional.	ourse has a		y course from the following. In the case tha the lab course is optional.	nt a lecture cou	rse h	as a
CHE 1101	Introductory Chemistry (3)	3-4	CHEM 30A	Introductory General Chemistry (4)	4-5		
CHE 1200	General, Organic, and Biological Chemistry (3)		N/A	No equivalent course			
CHE 1200L	General, Organic, and Biological Chemistry Lab (3) (optional	1)	N/A	No equivalent course			
CHE 1202*	General Chemistry I* (3)		CHEM 1A*	General Chemistry* (5)			
CHE 1202 L*	General Chemistry I Lab (1)* (optional)						
CHE 1204*	General Chemistry II* (3)		CHEM 1B*	General Chemistry* (5)			
CHE 1204 L*	General Chemistry II Lab (1)* (optional)						

<sup>\*</sup>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 LO	WER-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
BIO 1009	Introduction to Biology	3	BIOL 10	Introduction to Biology (with lab)	4		
PHY 1109	Introduction to Physical Science	3	N/A	No equivalent course			
PSC 1000	Introduction American Government	3	POSCI 1	Government and Politics in the U.S.	3		
PSY 1001	Introduction to Psychology	3	PSYCH 1A	Introduction to General Psychology	3		

### LIBERAL STUDIES, B.A.

NDNU LOWER-	-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA 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 10	Introduction to Biology (with lab)	4
PSC 1000	Introduction American Government	3	POSCI 1	Government and Politics in the U.S.	3
For Credential stud	dents, one course from the following:	3	For Credenti	al students, one course from the following:	
ART 2605 <b>or</b>	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-Credentia	al Students:	3	For Non-Cred	lential 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.				within the Visual and Performing Arts meet. 3-unit content course, or 3 units in studio/perf	
REL 1250	World Religions	3	HUMAN 40	Religions of the World	3
PSY 1001	Introduction to Psychology	3	PSYCH 1A	Introduction to General Psychology	3

ADIAO TO	WER-DIVISION MAJOR PREPARATION		COLLEGE O	F ALAMEDA EQUIVALENT COURSES		
Course Code	Course Title	Units	Course Code	Course Title	Units c	
Applied Perfo	ormance		Applied Perfor	mance		
	units of major instrument and/or vocal coaching, determined b required. The lower-division courses that may satisfy the require.	•	. ,	s of major instrument and/or vocal coaching, determined l d. The lower-division courses that may satisfy the requiren	•	
MUS 1600	Individual Instruction: Voice	1-4	MUS 117 – 120	Voice I, II, III, or IV	1-4	
MUS 1605	Individual Instruction: Piano	.5-4	Mus 130-133	Elementary Piano I, II, III, or IV	1-4	
MUS 1607	Individual Instruction: Collaborative Piano	1-4	N/A	No equivalent course		
MUS 1610	Individual Instruction: Instrument	1-4	MUS 109-112 <b>or</b>	Beginning Winds I, II, III or IV or	1-4	
			MUS 113-116	Beginning Percussion I, II, III, or IV	1-4	
MUS 1615	Vocal Coaching	.5-1	N/A	No equivalent course		
	and Repertoire f performance and repertoire courses, determined by advi	isement and	Performance and Eight units of pe	d Repertoire rformance and repertoire courses, determined by advisen	nent and track	
rack are requ	ired. The lower-division courses that may satisfy the require	ement are:	required. The low	ver-division courses that may satisfy the requirement are:		
MUS 1000	Piano/Instrumental Performance and Repertoire	1	N/A	No equivalent course		
MUS 1005	Vocal Performance and Repertoire	1	N/A	No equivalent course		
Ensembles/W	•		Ensembles/Workshop			
Fiaht units r						
-	of ensembles/workshop, determined by advisement and lower-division courses that may satisfy the requirement of			sembles/workshop, determined by advisement and track	are required.	
required. The	lower-division courses that may satisfy the requirement a	are:	lower-division co	urses that may satisfy the requirement are:	are required.	
required. The MUS 1050	lower-division courses that may satisfy the requirement a Opera Workshop		lower-division co	urses that may satisfy the requirement are: No equivalent course	are required.	
required. The MUS 1050 MUS 1063	lower-division courses that may satisfy the requirement a Opera Workshop Chanteurs Concert Choir	1-3 1	lower-division co N/A N/A	urses that may satisfy the requirement are: No equivalent course No equivalent course	c are required.	
mequired. The MUS 1050 MUS 1063 MUS 1065	lower-division courses that may satisfy the requirement a Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble	1-3 1 1	lower-division co N/A N/A N/A	urses that may satisfy the requirement are: No equivalent course No equivalent course No equivalent course	c are required.	
required. The MUS 1050 MUS 1063 MUS 1065 MUS 1070	lower-division courses that may satisfy the requirement a Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble Orchestra	1-3 1 1 1	lower-division co N/A N/A N/A N/A	urses that may satisfy the requirement are: No equivalent course No equivalent course No equivalent course No equivalent course	c are required.	
required. The MUS 1050 MUS 1063 MUS 1065 MUS 1070 MUS 1120	lower-division courses that may satisfy the requirement a Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble Orchestra Musical Theatre Workshop	1-3 1 1 1 1 1-4	lower-division co N/A N/A N/A N/A	urses that may satisfy the requirement are: No equivalent course No equivalent course No equivalent course No equivalent course No equivalent course		
required. The MUS 1050 MUS 1063 MUS 1065 MUS 1070 MUS 1120 MUS 1730	lower-division courses that may satisfy the requirement a Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble Orchestra Musical Theatre Workshop Ensemble	1-3 1 1 1	lower-division co N/A N/A N/A N/A N/A Rehearsal and P	urses that may satisfy the requirement are: No equivalent course No equivalent course No equivalent course No equivalent course		
required. The MUS 1050 MUS 1063 MUS 1065 MUS 1070 MUS 1120 MUS 1730 Musicianship	lower-division courses that may satisfy the requirement a Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble Orchestra Musical Theatre Workshop Ensemble	1-3 1 1 1 1 1-4	lower-division co N/A N/A N/A N/A N/A N/A MA Rehearsal and P Musicianship	urses that may satisfy the requirement are:  No equivalent course  erformance course(s) in the student's area of emphasis		
required. The MUS 1050 MUS 1063 MUS 1065 MUS 1070 MUS 1120 MUS 1730	lower-division courses that may satisfy the requirement a Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble Orchestra Musical Theatre Workshop Ensemble	1-3 1 1 1 1 1-4 1-3	lower-division co N/A N/A N/A N/A N/A N/A Rehearsal and P Musicianship N/A	urses that may satisfy the requirement are: No equivalent course No equivalent course No equivalent course No equivalent course No equivalent course		
required. The MUS 1050 MUS 1063 MUS 1065 MUS 1070 MUS 1120 MUS 1730 MUS 1730 MUS 1150	lower-division courses that may satisfy the requirement of Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble Orchestra Musical Theatre Workshop Ensemble Computer Applications in Music	1-3 1 1 1 1 1-4 1-3	lower-division co N/A N/A N/A N/A N/A N/A Rehearsal and P Musicianship N/A MUS 1A	urses that may satisfy the requirement are:  No equivalent course  erformance course(s) in the student's area of emphasis	1-3	
required. The MUS 1050 MUS 1063 MUS 1065 MUS 1070 MUS 1120 MUS 1730 Musicianship MUS 1150 MUS 1200	lower-division courses that may satisfy the requirement a Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble Orchestra Musical Theatre Workshop Ensemble  Computer Applications in Music Music Theory I	1-3 1 1 1 1 1-4 1-3	lower-division co N/A N/A N/A N/A N/A N/A Rehearsal and P Musicianship N/A MUS 1A N/A	urses that may satisfy the requirement are:  No equivalent course  erformance course(s) in the student's area of emphasis  No equivalent course  Musicianship	1-3	
required. The MUS 1050 MUS 1063 MUS 1065 MUS 1070 MUS 1120 MUS 1730 MUSicianship MUS 1150 MUS 1200 MUS 1201	lower-division courses that may satisfy the requirement of Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble Orchestra Musical Theatre Workshop Ensemble  Computer Applications in Music Music Theory I Musicianship	1-3 1 1 1 1 1-4 1-3 3 3 1	lower-division co N/A N/A N/A N/A N/A N/A Rehearsal and P Musicianship N/A MUS 1A N/A MUS 1B	urses that may satisfy the requirement are:  No equivalent course  erformance course(s) in the student's area of emphasis  No equivalent course  Musicianship  No equivalent course	1-3	
required. The MUS 1050 MUS 1063 MUS 1065 MUS 1070 MUS 1120 MUS 1730 MUSicianship MUS 1150 MUS 1200 MUS 1201 MUS 1205	lower-division courses that may satisfy the requirement of Opera Workshop Chanteurs Concert Choir Camerata Chamber Ensemble Orchestra Musical Theatre Workshop Ensemble  Computer Applications in Music Music Theory I Musicianship Music Theory II	1-3 1 1 1 1-4 1-3 3 3 1 3 1	lower-division co N/A N/A N/A N/A N/A Rehearsal and P Musicianship N/A MUS 1A N/A MUS 1B N/A	urses that may satisfy the requirement are:  No equivalent course  terformance course(s) in the student's area of emphasis  No equivalent course  Musicianship  No equivalent course  Musicianship	1-3	

#### POLITICAL SCIENCE, B.A.

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NDNU LO	WER-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP	
HST 1000	World History I	3	N/A	No equivalent course				
HST 1010	World History II	3	N/A	No equivalent course				
PSC 1000	Introduction to American Government	3	POSCI 1	Government and Politics in the U.S.	3		L	
PSC 1100	Introduction to Comparative Government	3	POSCI 2	Comparative Government	3			

### PSYCHOLOGY, B.A.

NDNU LOV	WER-DIVISION MAJOR PREPARATION		COLLEGE OF ALAMEDA EQUIVALENT COURSES		
Course Code	Course Title	Units	Course Code Course Title	Units c	IP
PSY 1001	Introduction to Psychology	3	PSYCH 1A Introduction to General Psychology	3	
MTH 2502	Statistics	3	MATH 13 Introduction to Statistics	4	

## SOCIOLOGY, B.A.

NDNU LOV	WER-DIVISION MAJOR PREPARATION		COLLEGE	OF ALAMEDA EQUIVALENT COURSES	
Course Code	Course Title	Units	Course Code	Course Title	Units c IP
SOC 1001	Introduction to Sociology	3	SOC 1	Introduction to Sociology	3
SOC 1009	Cultural Anthropology	3	ANTHR 3	Intro to Social and Cultural Anthropology	3

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