

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.

	For further information or to make an appointment with a transfer counselor: 650.508.3600 NDNU Admissions Office	:e		
	Course Descriptions and Major Prerequisites: http://www.ndnu.edu/catalog More information on De Anza College: http://www.deanza.edu			
degree oublish Conver	for Awarding Transfer Credit. With the exception of remedial or vocational courses, NDNU accepts credit for courses completed with grade a granting regionally-accredited two-year college or four-year college or university. Courses from California Community Colleges are generally a ed recommendations for transfer of courses to the California State University system. sion 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 its; 4.5 qtr units = 3.0 sem units; 5 qtr units = 3.33 sem units; 6 qtr units = 4 sem units KEY: C = Completed Course = A requirement that may be satisfied by a course taught at the transfer institution	ccepted a	ccording	g to the
	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 NI	DNU	_
NDN	LI CENEDAL EDUCATION REQUIREMENTS			
NDN	U 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	c	IP ////
A. F	OUNDATION COURSES	18 seme	ester u	nits
1	Lower-division Writing (3)	LD WRIT		IP
	EWRT 1A/H, 2/H		С	IP
2	World History (6)	HST: A		
	Section A: World History (3)		С	IP
	HIST 3A, 3B, 3C	HST: E	}	
	Section B: A second course in World History (above) is required for entering freshmen, and preferred for transfer students. Trans students may also satisfy the Section B requirement through one of the following General History courses.	rer		
	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, 4 INTL 19A, 19B; POLI 16; WMST 9	l 3 ;		
	WORLD HISTORY. Entering Freshman may fulfill the World History requirement by taking HST 1000 and HST 1010; or by transferring to 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, Wester Civilization courses will not satisfy the Section A or Section B requirement, unless the course appears on a prior articulation agreement with Anza College, corresponding to the year and term in which the course was taken.	ory ern		
3	Mathematics (3)	МТН	С	IP
	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 or higher. All courses used to satisfy the requirement must be in the same language. LEVEL 1	el 2 LANG: LEVEL:		IP
	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	LEVEL	·	ID.
	LEVEL 2	LANG: LEVEL	$\dot{\Box}$	15
	FREN 3; GERM 3; HINDI 3; ITAL 3; JAPN 3; KORE 3; MAND 3; PERS 3; RUSS 3; SIGN 3; SPAN 3; VIET 3	LLVLL	² 📖	IP
	LEVEL 3	LANG: LEVEL:		
	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			
	MODERN LANGUAGE/CULTURE AND LANGUAGE. Students who have completed the third-year level of one foreign language in high sch 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 students must satisfy the Modern Language requirement by completing Level 2 as described above, unless eligible for exemption. I majors leading to a B.S. degree, Foreign Culture and Language courses may be substituted for Foreign Language.	.A.		

2 Religious Studies (6) ELIT 19; HIST 5A, 5B; HUMI 7, 9/H, 10; ICC 44; PHIL 14 RELIGIOUS STUDIES. Students in day undergraduate progra one course must be taken at NDNU. C. THE INVIDUAL, SOCIETY, AND THE ENVIRONME 1 Natural and Physical Sciences (3) ADMJ 84; ASTR 4, 10, 15L*; BIOL 5, 6A/H, 6B, 6C/H, 8, 10/ ESCI 1, 1L*, 19, 20, 21, 30; ES 1, 2, 3, 6; GEO 1, 5, 10; GEC *NATURAL AND PHYSICAL SCIENCE/SOCIAL AND BEHAVIC Laboratory courses with fewer than 3 units must be combin 2 Social and Behavioral Sciences (3) ADMJ 1, 3, 5, 11, 25, 29, 50, 51, 54, 62, 73; ANTH 2, 4, 6 HUMA 10; HUMI 1/H, 5, 6, 13, 16, 18/H; ICS 4, 7, 9, 10 25; PHIL 2, 10, 17, 49; POIL 1, 2, 3, 5, 15, 16, 17, 30; PSI 35, 50, 51, 73; SPCH 7; WMST 1, 8, 9, 12, 24, 25, 26, 27, 20 3 One Additional Course (3) From Natural/Physical Science CIS 35A (preferred); 27 (2nd choice); 15C, 21J A-B, 22A-C, 26A D. CREATIVE ARTS 1 Literature (3) EWRT 18/H, 1C; ELIT 10, 11, 12, 17, 19, 20, 21, 22, 24, 39, 40 2 Visual and Performing Arts (3) A) VISUAL ARTS: ARTS 1A, 1B, 2A, 2B, 2C, 2D, 2F, 2G, 2H, 15C*, 16A*, 16B*, 16C*, 37A*, 37B*, 37C*, 53A*, 53B*, 53 22, 41, 42, 43, 45, 48, 50, 51A, 52A, 52B, 53, 55A, 57A-B, 51 981*; HUMI 1, 2, 7, 15, 16, 20 ICS 5, 14, 33, 45; INT1 10, 2 8) MUSIC: MUSI 1A-E, 3A-C, 4A-C, 5A*, 8*, 9A-C*, 10A*, 12/ 31*, 32A-B*, 34*, 41*, 41U-W*, 41X*, 42*, 45*, 48A-C*, 51*, 5 C) THEATRE AND DANCE: DANC 22K-M*; 23A-B*, 23N*, H*, and *VISUAL AND PERFORMING ARTS. Students may transfer in requirement. Courses combined to meet the requirement must 3 One Additional Course (3) From the above Creative A E. COMMUNITY ENGAGEMENT. Additional courses may tr Year Seminar courses include a community engagement con designated as a Community Engagement (3) COMMUNITY ENGAGEMENT. Additional courses may tr Year Seminar courses include a community engagement con designated as a Community Engagement course. Such a couclaboration, and requires students to complete at least 15 deepen students' civic and academic learning, enhance commerce except Culture a	OCIAL AND PERSONAL RESPONSIBILITY	9 semester					
1	Philosophy (3) ICS 17, 44; PHIL 1, 2, 7, 8, 10, 14A, 14B, 14C, 17, 20A, 20B, 20C, 24, 30, 49; WMST 49	PHL	С	IP			
	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.	REL: AT NDNU REL	C C	IP IP			
C. TI	HE INVIDUAL, SOCIETY, AND THE ENVIRONMENT	9 sem	ester u c	units			
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	NSC					
	*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) 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	SOC	С	IP			
3		NSC, SOC, or COMPL					
D. C	REATIVE ARTS	9 sem	ester u	· .			
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	LIT	С	IP			
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*	VPA	С	IP			
	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.						
3	One Additional Course (3) From the above Creative Arts disciplines	LIT or VPA	С	IP			
E. C	OMMUNITY ENGAGEMENT AND CULTURAL DIVERSITY	9 sem	ester u	units			
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.	CE	С	IP			
	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.						
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.	CDIV	С	IP			
	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; 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	CDIV	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. 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

C IP

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

US HST US

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, gcorson@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.

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 De Anza College:	http://www.deanza.edu

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

KEY:	C = Completed Course		= A requirement that may be satisfied by a course taught at the transfer institution
	IP = In Progress Course	1/1	= 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 LO	WER DIVISION MAJOR PREPARATION		DE ANZA COLLEGE EQUIVALENT COURSES					
Course Code	Course Title	SEM	Course Code Course Title QT	R	С	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	1				
BUS 1300	Community-Based Research and Statistical Analysis	3	N/A No equivalent course	Ī				

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

NDNU LO	WER DIVISION MAJOR PREPARATION		DE ANZA (COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR	С	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	s 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 LO	WER DIVISION MAJOR PREPARATION		DE ANZA (COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR	С	IP
ART 1001	Drawing I	3	ARTS 4A plus	Beginning Drawing plus	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 plus	Life Drawing plus	4		
			ARTS 4D	Representational Drawing	3		
ART 1101	Two Dimensional Design	3	ARTS 8 plus	Two-Dimensional Design plus	4		
ART 1118	Three Dimensional Design	3	ARTS 10A plus	s 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)			

BIOLOGICAL SCIENCES

NDNU LO	WER DIVISION MAJOR PREPARATION		DE ANZA (COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR	С	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 fol	lowing courses with lab:		One of the follo	wing 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 plus	General Chemistry 1A plus	5		
			CHEM 1B	General Chemistry 1B	5		
	ursework highly recommended for future medical, dental, dicine, or future graduate students			rsework highly recommended for future medical, icine, or future graduate students	, dental	,	
PHY 1203/L	College Physics I/Lab	3 + 1	PHYS 2A plus	General Introductory Physics (5) plus	5		
PHY 1205/L	College Physics II/Lab	3 + 1	PHYS 2B plus	General Introductory Physics (5) plus	5		
			PHYS 2C	General Introductory Physics (5)	5		
MTH 1320	Calculus I	4	MATH 1A plus	Calculus 1A* (5) plus	5		
			MATH 1B	Calculus 1B* (5)	5		

BUSINESS ADMINISTRATION, B.S.

NDNU LO	WER DIVISION MAJOR PREPARATION		DE ANZA	COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	С	_	IP
BUS 1000	Foundations of Business	3	BUS 10	Introduction to Business	5]	
BUS 1008	Building Business Values	3	N/A	No equivalent course]	W.
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				W

COMMUNICATION, B.A.

NDNU LOWER DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES					
Course Code	Course Title	SEM	Course Code	Course Title	QTR	С	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, 61	B, 61C, 62A*, 62B*, 62C*, 62D*, 62E*, 62F				

COMPUTER AND INFORMATION SCIENCE, B.S.

Emphasis in Software Engineering

NDNU LO	IDNU LOWER DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR	С	IP
CIS 1130	Foundations / Computer Science plus	4	CIS 35B or	Adv Java Programming (4.5) or	4.5		
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		
MTH1320	Calculus I	4	MATH 1A	Calculus 1A	5		
MTH1321	Calculus II	4	MATH 1B	Calculus 1B	5		
MTH2522	Probability and Statistics	4	N/A	No equivalent course			1
CIS1150*	Computer Organization (4)*		N/A	No equivalent course			1
* Select four o	additional courses from the list of approved Compu	ter and Information	Science courses	in the NDNU catalog; among these courses, one	option is the		

^{*} 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 LO	NDNU LOWER DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	SEM	Course Code	Course Title	QTR _	С	IP
CIS 1130	Foundations / Computer Science plus	4	CIS 35B or	Adv Java Programming (4.5) or	4.5		
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		
MTH1322	Applied Calculus	4	MATH 12	Introductory Calculus for Bus/Soc Sci	5		
MTH2502	Statistics	3	MATH 10	Elementary Statistics and Probability	5		
MTH2502/L	Excel for Statistics	1	N/A	No equivalent course			1/1

HEALTH SCIENCES, B.S.

THE THE COLL (CEG, B.C.								
NDNU LO	WER 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				
CHE 1200/L	General, Organic, and Biological Chemistry / Lab (3 + 1)	4	CHEM 30A plus	Introduction to Chemistry plus	3			
			CHEM 30B	Introduction to Chemistry	3			
HSC 1000	Introduction to Health Sciences	3	KNES 45	Introduction to Kinesiology	4			
HSC 1002	Microbes and Diseases	3	BIOL 26	Introductory Microbiology	6			
HSC 1005/L	Anatomy and Physiology I / Lab (3 + 1)	4	BIOL 40A plus	Human Anatomy and Physiology plus	5			
			BIOL 40B	Human Anatomy and Physiology	5			
HSC 1006/L	Anatomy and Physiology II / Lab (3 + 1)	4	BIOL 40C	Human Anatomy and Physiology	5			
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	4			
MTH 2502	Statistics	3	MATH 10	Elementary Statistics and Probability	5			
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				

HUMAN SERVICES, B.S.

NDNU LOV	WER 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
SOC 1001	Introduction to Sociology	3	SOC 1	Introduction to Sociology	4

KINESIOLOGY, B.S.

KIIVESIOLOGI, B.S.								
NDNU LOV	WER 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			
BIO 1103/L	General Biology II/Lab	3 + 1	BIOL 6A	Form/ Function Biological World	6			
MTH 2502	Statistics	3	MATH 10	Elementary Statistics and Probability	5			
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	4			
	y course from the following. In the case that a lecture cou the lab course is optional.	rse has a		y course from the following. In the case that a lect the lab course is optional.	ture coui	rse has a		
CHE 1101	Introductory Chemistry (3)	3	CHEM 10	Introductory Chemistry	5			
CHE 1202	General Chemistry I (3)	3-4	CHEM 1A or	Survey of Chemistry 1A (5) or	5			
			CHEM 1B or	Survey of Chemistry 1B (5) or				
			CHEM 1C	Survey of Chemistry 1A (5)				
CHE 1202 L	General Chemistry I Lab (1) (optional)							
CHE 1204	General Chemistry II	3-4	CHEM 30A or	General Chemistry 30A (5) or	5			
			CHEM 30B	General Chemistry 30B (5)				
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	С	IP
BIO 100	9 Introduction to Biology	3	BIOL 10	Introductory Biology	5		
PHY 11	19 Introduction to Physical Science	3	N/A	No equivalent course			
PSC 100	00 Introduction American Government	3	POLI 1	American Government and Politics	4		
PSY 100	1 Introduction to Psychology	3	PSYC 1	General Psychology	4		

LIBERAL STUDIES, B.A.

NDNU LOWER DIVISION MAJOR PREPARATION				DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	IP		
BIO 1009/1109L	Introduction to Biology with Lab	3.5	BIOL 10	Introductory Biology	5			
PSC 1000	Introduction American Government	3	POLI 1	American Government and Politics	4			
For Credential students, one course from the following: 3			For Credenti	al students, one course from the following:				
ART 2605 or	Art Education Concepts (3) or		N/A	Must be taken at NDNU		W		
THE 2151	Children's Theatre (3)		N/A	Must be taken at NDNU		1/2		
For Non-Credentia	al Students:	3	For Non-Cre	dential 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 meeting 3-unit content course, or 3 units in studio/perfor		ing		
REL 1250	World Religions	3	HUMI 9	Introduction to Comparative Religion	4			
PSY 1001	Introduction to Psychology	3	PSYC 1	General Psychology	4			

PSYCHOLOGY, B.A.

NDNU LOWER DIVISION MAJOR PREPARATION			DE ANZA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	С	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	С	IP
SOC 1001	Introduction to Sociology	3	SOC 1	Introduction to Sociology	4		
SOC 1009	Cultural Anthropology	3	ANTH 2	Cultural Anthropology	4		

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, gcorson@ndnu.edu