

# General Education Transfer Credit Agreement 2016-17 Catalog

This articulation agreement describes how courses taken at Gavilan 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 http://www.ndnu.edu/catalog			
	Course Descriptions and Major Prerequisites:  More information on Gavilan College:	http://www.gavilan.edu			
egree-	or Awarding Transfer Credit. With the exception of remedial or vocational courses, NDNU accepts or granting regionally-accredited two-year college or four-year college or university. Courses from Calified recommendations for transfer of courses to the California State University system.	credit for courses completed with grade "C		_	
	KEY: C = Completed Course = A requirement that may be satisfied by a course taught				-
	IP = In Progress Course = A requirement for which there is no equivalent course at the	he transfer institution; or, a course that must be to	iken at ND	NU	-
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 uni		
1	Lower-division Writing (3) ENGL 1A, 1C; PHIL 4		LD WRIT	Г	IP
2	World History (6)		HST: A	С	IP
	Section A: World History (3) HIST 4A, 4B		HST: B	С	IP
	<b>Section B:</b> A second course in World History (above) is required for entering freshmen, an students may also satisfy the Section B requirement through one of the following General Histo	•	ſ		
	HIST 1, 2, 3, 5, 6, 12, 21, 22, 23; HUM 12				
	WORLD HISTORY. Entering Freshman may fulfill the World History requirement by taking HS Section A World History courses. Transfer students may fulfill the History requirement by requirements as described in the NDNU catalog. At least (3) of the (6) units required must Western Civilization courses will not satisfy the Section A or Section B requirement, unless agreement with Gavilan College, corresponding to the year and term in which the course was t	satisfying Section A and Section B History be in World History. Starting in Fall 2015 the course appears on a prior articulation	<i>y</i>		
3	Mathematics (3)  MATH 1A, 1B, 1C, 2, 2C, 5, 6, 7, 8B, 12, 14; CSIS 26		MTH	С	IP
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 or higher. All courses used to satisfy the requirement must be in the same language.	at NDNU by successfully completing Level 2	?		
	LEVEL 1: CHN 1A, FRNH 1A, JPN 1A, SPAN 1A		LANG: LEVEL 1		IP
	LEVEL 2: CHN 1B, FRNH 1B, JPN 1B, SPAN 1B		LANG:	c	IP
	<b>LEVEL 3:</b> SPAN 2A; 2B; 12B		LEVEL 2		
	MODERN LANGUAGE/CULTURE AND LANGUAGE. Students who have completed the third-year with a grade of C (2.0) or higher in each term of the third year are exempt from the foreign students must satisfy the Modern Language requirement by completing Level 2 as describe majors leading to a B.S. degree, Foreign Culture and Language courses may be substituted for F.	n language requirement. All B.A. and B.F.A d above, unless eligible for exemption. Fo	. LANG:		IP
B. SC	OCIAL AND PERSONAL RESPONSIBILITY		9 unit		
1	Philosophy (3) AJ 3A; PHL 1, 3A, 3B, 7A, 7B, 9, 12, 15; POLS 12		PHL	С	IP

2	Religious Studies (6) ANTH 5; PHIL 6	REL: AT NDNU	<u> </u>	IP IP
	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		
C. TI	HE INVIDUAL, SOCIETY, AND THE ENVIRONMENT	9 unit	S	
1	Natural and Physical Sciences (3)  AH 8, 9, 11, 15; ANTH 1, 1L*; ASTR 1; BIO 1, 4, 5, 7, 8, 9, 10, 11, 12, 13, 15, 21*; BIOT 103, 105; CHEM 1A, 1B, 12A, 12B, 30A, 30B; ECOL 1; ENGR 2, 3, 4; ES 1; GEOG 1; GEOL 1, 13; HE 2; HORT 20; PSCI 1, 2, 3; PHYS 1, 2A, 2B, 4A, 4B, 4C  *NATURAL AND PHYSICAL SCIENCE/SOCIAL AND BEHAVIORAL SCIENCES. Courses with variable units must meet the 3-unit requirement.	NSC	С	IP
	Laboratory courses with fewer than 3 units must be combined with the appropriate lecture courses to meet the 3-unit requirement.		С	ID
2	Social and Behavioral Sciences (3)  AJ 5, 10, 12, 14, 16, 18, 19, 20, 21, 32, 173, 176, 179P, 184; AH 3; ANTH 3, 5, 6 CD 2, 3, 5, 7, 8A; CD 2, 3; CMUN 4, 6; ECON 1, 2; ENGL 2B; GEOG 2; HE 2; HIST 3, 5, 6, 12; HUM 12; JOUR 10; POLS 1, 3, 4, 5, 6, 7, 9, 10, 27*; PSYC 2, 3, 6, 7, 10, 27*; SOC 1A, 1B, 3, 4, 9, 10, 21	SOC		
3	One Additional Course (3) From Natural/Physical Sciences; Social/Behavioral Sciences; or from Computational Science, below.  CSIS 5, 12, 24, 26, 27, 43, 45, 46; MATH 2, 2C	NSC, SOC, or COMPL	С	IP
D. C	REATIVE ARTS	9 unit	s	
1	Literature (3) ENGL 1B, 2B, 2C, 2E, 2F, 2J, 4A, 4B, 5A, 5B	LIT	С	IP
2	Visual and Performing Arts (3)	VPA	С	IP
	<b>A)</b> Visual Arts: ART 1A, 1B, 2A, 3A, 3B, 6, 8A, 12A, 12B, 12C, 13, 14, 15A, 15B, 21, 25A, 25B, 34A, 34B, 75; <b>CD</b> 25A, 25B; <b>CGD</b> 2, 8, 9, 110*, 160; <b>CSIS</b> 73, 74, 75, 76, 77, 80, 85*, 107*, 108*, 110, 113, 114*, 117, 140*; <b>DM</b> 73, 74, 75, 76, 77, 80, 85*, 107*, 108*, 110, 113, 114*, 117, 140*			
	B) Music: MUS 1A-B, 2, 3A-D, 4A, 4B*, 5A-D*, 6, 7, 8A-D*, 9A-B*, 11A-B*, 12*, 14A-D*, 15, 16A, 21			
	C) Theatre and Dance: KIN 66A*, 66B*, 66C*; 88A*, 88B*; THEA 1, 2A, 2B, 3, 4, 6, 7, 11A-C*, 12A, 12B, 13A*, 13B*, 13C*, 13D*, 14*, 15, 20, 21*, 25, 26, 27, 29, 30			
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.			
E. CO	DMMUNITY ENGAGEMENT AND CULTURAL DIVERSITY	9 unit		ID.
1	Community Engagement (3) Usually satisfied through the Major requirements CD 22, 97; CHEM 22; ENGL 22; HIST 22	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	<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 С	IP IP
	ANTH 6; CD 7; ENGL 2B, 2E; GEOG 2; HIST 5,6,12; HUM 12; MUS 6; PHIL 6, 15; PSYC 7; SOC 3, 4, 9; THEA 3	CDIV		
	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, COMM 6 – 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 unit		
1	HIST 1, 2, 5, 6, 12; HUM 12	US HST	c	IP
	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.gavilan.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 Gavilan 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 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 counse		650.508.3600 NDNU Admissions Office
	Course Descriptions and M	lajor Prerequisites:	http://www.ndnu.edu/catalog
	More information on Gavi	lan College:	http://www.gavilan.edu
KEY:	C = Completed Course  IP = In Progress Course	= A requirement that may be satisfied by a course tau	ght at the transfer institution t the transfer institution; or, a course that must be taken at NDNU

### ACCOUNTING, B.S.

NDNU LO	WER-DIVISION MAJOR PREPARATION		GAVILAN	COLLEGE EQUIVALENT COURSES	
Course Code	Course Title	Units	Course Code	Course Title	Units C IP
ACC 1220	Introduction to Financial Accounting	3	ACCT 20	Financial Accounting	4
ACC 1232	Managerial Accounting	3	ACCT 21	Managerial Accounting	4
BUS 1000	Foundations of Business	3	BUS 1	Fundamentals of Business	3
BUS 1100	Macroeconomics	3	ECON 1	Principles of Macroeconomics	3
BUS 1108	Microeconomics	3	ECON 2	Principles of Microeconomics	3
BUS 1300	Community-Based Research and Statistical Analysis	3	N/A	No equivalent course	

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

NDNU LO	WER-DIVISION MAJOR PREPARATION		GAVILAN (	COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
ART 1001	Drawing I	3	ART 3A	Drawing and Composition	3		
ART 1002	Drawing II	3	ART 3B	Drawing and Composition	3		
ART 1018	Life Drawing I	3	ART 34A	Life Drawing	3		
ART 1019	Life Drawing II	3	ART 34B	Life Drawing	3		
ART 1101	Two Dimensional Design	3	ART 2A	Two Dimensional Design	3		
ART 1109	Color and Design	3	N/A	No equivalent course			
ART 1118	Three Dimensional Design	3	ART 13	Three-Dimensional Design	3		
ART 1127	Advanced Design	3	N/A	No equivalent course			
ART 1201	Art History Survey	3	ART 1A	Art History	3		

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

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NDNU LO	WER-DIVISION MAJOR PREPARATION		GAVILAN COLLEGE EQUIVALENT COURSES		
Course Code	Course Title	Units	Course Code Course Title Units C	c .	IP
ART 1001	Drawing I	3	ART 3A Drawing and Composition 3		
ART 1010	Drawing with Illustrator	3	CSIS 76 <b>or</b> DM 76 Digital Illustration 3		
ART 1018	Life Drawing I	3	ART 34A Life Drawing 3		
ART 1101	Two Dimensional Design	3	ART 2A Two Dimensional Design 3		
ART 1109	Color and Design	3	N/A No equivalent course		
ART 1118	Three Dimensional Design	3	ART 13 Three-Dimensional Design 3		
ART 1127	Advanced Design	3	N/A No equivalent course		
ART 1201	Art History Survey	3	ART 1A Art History 3		

### **BIOLOGICAL SCIENCES**

NDNU LO	NDNU LOWER-DIVISION MAJOR PREPARATION			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			
BIO 1101/L	General Biology I/Lab	3 + 1	BIO 1	General Biology	4		
BIO 1103/L	General Biology II/Lab	3 + 1	BIO 4	General Zoology	4		
CHE 1204/L	General Chemistry II/Lab	3 + 1	CHEM 1B	General Chemistry	5		
MTH 1216	Precalculus with Trigonometry	4	MATH 8A plus	First Half of Precalculus (4) plus	8		
MTH 2502/L	Statistics (3)		MATH 8B	Second Half of Precalculus (4)			
One of the foll	lowing courses with lab:		One of the follo	wing courses with lab:			
CHE 1200/ L	General, Organic, and Bio Chemistry (3+1)	4	N/A	No equivalent course			
CHE 1202/L	General Chemistry I/Lab (3+1)		CHEM 1A	General Chemistry	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	General Physics	4		
PHY 1205/L	College Physics II/Lab	3 + 1	PHYS 2B	General Physics	4		
MTH 1320	Calculus I	4	MATH 1A	Single-Variable Calc/Analytic Geometry	4		

## BUSINESS ADMINISTRATION, B.S.

	Basin	VESS HERVIN	11011111	J11, <b>D</b> .D.			
NDNU	LOWER-DIVISION MAJOR PREPARATION		GAVILAN	COLLEGE EQUIVALENT COURSES			
Course Code	e Course Title	Units	Course Code	Course Title	Units	С	IP
BUS 1000	Foundations of Business	3	BUS 1	Fundamentals of Business	3		
BUS 1008	Building Business Values	3	N/A	No equivalent course			
BUS 1100	Macroeconomics	3	ECON 1	Principles of Macroeconomics	3		
BUS 1108	Microeconomics	3	ECON 2	Principles of Microeconomics	3		
BUS 1220	Introduction to Financial Accounting	3	ACCT 20	Financial Accounting	4		
BUS 1232	Managerial Accounting	3	ACCT 21	Managerial Accounting	4		
BUS 1300	Community Based Research/Statistics	3	N/A	No equivalent course			

## COMMUNICATION, B.A.

NDNU LO	WER-DIVISION MAJOR PREPARATION		GAVILAN	COLLEGE EQUIVALENT COURSES	
Course Code	Course Title	Units	Course Code	Course Title	Units C IP
COM 1000	Introduction to Communication	3	JOUR 10*	Mass Media and Society	3
COM 1008	Oral Communication	3	CMUN 1A	Introduction to Public Speaking	3
COM 1458L	Media Production Lab	3	JOUR 18*	Working on the Newspaper	3

<sup>\*</sup> Note: JOUR 10 is crosslisted with SOC 10. JOUR 18 must be taken for 3 units to meet the requirement.

lower-division CIS 1150.

# COMPUTER AND INFORMATION SCIENCE, B.S.

**Emphasis** in Software Engineering

NDNU LOWER-DIVISION MAJOR PREPARATION		GAVILAN	COLLEGE EQUIVALENT COURSES		
Course Code Course Title	Units	Course Code	Course Title	Units C	IP
CIS 1130 plus Foundations / Computer Science plus	4	CSIS 24 or	Java Programming I (3) or	3	
CIS 1130/L Programming Laboratory	1	CSIS 45	C++ Programming I (3)		
CIS 1140 Data Structure and Abstraction	4	N/A	No equivalent course		
MTH1320 Calculus I	4	MATH 1A	Single-Variable Calculus/Analytic Geometry	4	J∟
MTH1321 Calculus II	4	MATH 1B	Single-Variable Calculus/Analytic Geometry	4	]
MTH2522 Probability and Statistics	4	N/A	No equivalent course		
CIS1150* Computer Organization (4)*		N/A	No equivalent course		1 6

# Emphasis in Management Information Systems

NDNU LO	WER-DIVISION MAJOR PREPARATION		GAVILAN	COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units	С	IP
CIS 1130 plus	Foundations / Computer Science plus	4	CSIS 24 or	Java Programming I (3) or	3		
CIS 1130/L	Programming Laboratory	1	CSIS 45	C++ Programming I (3)			
CIS 1140	Data Structure and Abstraction	4	N/A	No equivalent course			
BUS 1000	Foundations of Business	3	BUS 1	Fundamentals of Business	3		
MTH1322	Applied Calculus	4	MATH 6	Calculus for Business/Social Science	3		
MTH2502	Statistics	3	MATH 5	Introduction to Statistics	3		
MTH2502/L	Excel for Statistics	1	N/A	No equivalent course			

# **HEALTH SCIENCES**

NDNU LOV	WER-DIVISION MAJOR PREPARATION		GAVILAN	COLLEGE 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	Elementary Chemistry <b>plus</b>	4		
			CHEM 30B	Elementary Organic and Biochemistry	4		
HSC 1000	Introduction to Health Sciences	3	KIN 2	Introduction to Kinesiology	3		
HSC 1002	Microbes and Diseases	3	BIO 8	General Microbiology	5		
			Choose two o	ut of the three following courses:	9-10		
HSC 1005/L	Anatomy and Physiology I / Lab (3 + 1) plus	4	BIO 7	Human Anatomy (4)			
HSC 1006/L	Anatomy and Physiology II / Lab (3 + 1)	4	BIO 9	Human Physiology (5)			
			BIO 15*	Survey of Anatomy and Physiology (5)*			
PSY 1001	Introduction to Psychology	3	PSYC 10	Introduction to Psychology	3		
MTH 2502	Statistics	3	MATH 5	Introduction to Statistics	3		
MTH 2502L, <b>or</b>	Excel for Statistics (1), or	1	N/A	No equivalent course			
MTH 2503L	SPSS for Statistics (1)						

<sup>\*</sup> BIO 15 (Survey of Anatomy and Physiology) is crosslisted with AH 15.

# HUMAN SERVICES, B.S.

NDNU LO	WER-DIVISION MAJOR PREPARATION		GAVILAN	COLLEGE EQUIVALENT COURSES	
Course Code	Course Title	Units	Course Code	Course Title	Units C IP
PSY 1001	Introduction to Psychology	3	PSYC 10	Introduction to Psychology	3
SOC 1001	Introduction to Sociology	3	SOC 1A	Introduction to Sociology	3

# KINESIOLOGY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			GAVILAN COLLEGE EQUIVALENT COURSES					
Course Code	Course Title	Units	Course Code	Course Title	Units c	IP		
BIO 1101/L	General Biology I/Lab	3 + 1	BIO 1	General Biology	4			
BIO 1103/L	General Biology II/Lab	3 + 1	BIO 4	General Zoology	4			
MTH 2502	Statistics	3	MATH 5	Introduction to Statistics	3			
PSY 1001	Introduction to Psychology	3	PSYC 10	Introduction to Psychology	3			
One Chemisti	One Chemistry course from the following. In the case that a lecture course has a			One Chemistry course from the following. In the case that a lecture course has a				
separate lab,	the lab course is optional.		separate lab,	the lab course is optional.				
CHE 1101	Introductory Chemistry (3)	3-4	CHEM 30A	Elementary Chemistry	4			
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		CHEM 1B	General Chemistry	5			
CHE 1204 L	General Chemistry II Lab (1) (optional)							

## LIBERAL ARTS, B.A.

NDNU LO	NDNU LOWER-DIVISION MAJOR PREPARATION			GAVILAN COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	С		IP
BIO 1009	Introduction to Biology	3	BIO 10	Principles of Biology	4			
PHY 1109	Introduction to Physical Science	3	PSCI 1	Principles of Physical Science	3			
PSC 1000	Introduction American Government	3	POLS 1	Introduction to American Government	3		Ĺ	
PSY 1001	Introduction to Psychology	3	PSYC 10	Introduction to Psychology	3	l		

# LIBERAL STUDIES, B.A.

NDNU LOWER	-DIVISION MAJOR PREPARATION		GAVILAN COLLEGE EQUIVALENT COURSES			
Course Code Cod	urse Title	Units	Course Code	Course Title	Units C IP	
BIO 1009/1109L	Introduction to Biology with Lab	3.5	BIO 10	Principles of Biology (with lab)	4	
PSC 1000	Introduction American Government	3	POLS 1	Introduction to American Government	3	
For Credential stu	dents, one course from the following:	3	For Creden	tial students, one course from the following		
ART 2605 or	Art Education Concepts (3) or		N/A	Must be taken at NDNU		
THE 2151	Children's Theatre (3)		N/A	Must be taken at NDNU		
For Non-Credentia	al Students:	3	For Non-Cre	dential Students:	3	
	Three units within the Visual and Performing Arts meeting one of the following			within the Visual and Performing Arts mee		
criteria: One 3-un	it content course, or 3 units in studio/performance	or concepts.	criteria: One	3-unit content course, or 3 units in studio/per	formance or concepts.	
REL 1250	World Religions	3	PHIL 6	Comparative Religions	3	
PSY 1001	Introduction to Psychology	3	PSYC 10	Introduction to Psychology	3	

## PSYCHOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			GAVILAN COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code Course Title	Units C IP			
PSY 1001	Introduction to Psychology	3	PSYC 10 Introduction to Psychology	3			
MTH 2502	Statistics	3	MATH 5 Statistics	3			

# SOCIOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			GAVILAN COLLEGE EQUIVALENT COURSES			
Course Code	Course Title	Units	Course Code	Course Title	Units C IP	
SOC 1001	Introduction to Sociology	3	SOC 1A	Introduction to Sociology	3	
SOC 1009	Cultural Anthropology	3	ANTH 3	Introduction to Cultural Anthropology	3	

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