

Lower Division Major Preparation: Transfer Credit Agreement 2011-2012 Catalog

Notre Dame de Namur University agrees to accept the College of San Mateo 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 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 College of San Mateo: **<http://gocsm.net>**

ART, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
ART 1001	Drawing I	3	ART 201	Drawing And Composition I	3	
ART 1002	Drawing II	3	ART 202	Drawing and Composition II	3	
ART 1018	Life Drawing I	3	ART 206	Figure Drawing and Portraiture	3	
ART 1019	Life Drawing II	3	ART 207	Life Drawing	3	
ART 1201	Art History Survey	3	ART 101 or ART 102	Art/Architecture Ancient/Medieval(3) or Art/ Architecture Ren/ Baroque (3)	3	
ART 1101	Design: Two Dimensional	3	ART 301	Design	3	
ART 1109	Design: Color	3	ART 214	Color	3	
ART 1118	Design: Three Dimensional	3		<i>No courses meet this requirement</i>		
ART 1127	Design: Advanced	3		<i>No courses meet this requirement</i>		

ART AND GRAPHIC DESIGN, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
	<i>Six units of drawing from the following:</i>	6			6	
ART 1001	Drawing I (3) or		ART 201 or	Drawing And Composition I (3) or		
ART 1002	Drawing II (3) or		ART 202 or	Drawing and Composition II (3) or		
ART 1010	Drawing with Illustrator (3)		DGME 211	Media Design I: Adobe Illustrator (3)		
ART 1018	Life Drawing I	3	ART 202	Drawing and Composition II	3	
ART 1019	Life Drawing II	3	ART 206	Figure Drawing and Portraiture	3	
ART 1201	Art History Survey	3	ART 101 or ART 102	Art/Architecture Ancient to Med (3) or Art/ Architecture Ren and Baroque (3)	3	
ART 1101	Design: Two Dimensional	3	ART 301	Design	3	
ART 1109	Design: Color	3	ART 214	Color	3	
ART 1118	Design: Three Dimensional	3		<i>No courses meet this requirement</i>		
ART 1127	Design: Advanced	3		<i>No courses meet this requirement</i>		

BIOLOGY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
BIO 1101 / L	General Biology I / Lab	3/1	BIOL 230	Introductory Cell Biology	4	<input type="checkbox"/>
BIO 1103 / L	General Biology II / Lab	3/1	BIOL 210	General Zoology	5	<input type="checkbox"/>
			BIOL 220	General Botany	5	<input type="checkbox"/>
CHE 1202 / L	General Chemistry I / Lab	3/1	CHEM 210	General Chemistry I	5	<input type="checkbox"/>
CHE 1204 / L	General Chemistry II / Lab	3/1	CHEM 220	General Chemistry II	5	<input type="checkbox"/>
MTH 1216	Precalculus / Trigonometry *	4	MATH 222*	Precalculus	5	<input type="checkbox"/>
<i>One mathematics course from the following:</i>						
MTH 1320* or	Calculus I* (4) or	3-4	MATH 251	Calculus with Analytic Geometry I (5) or	4-5	
MTH 1322* or	Applied Calculus* (4) or		MATH 241	Applied Calculus I (5) or		
MTH 2502*	Statistics* (3)		MATH 200	Elementary Probability/Statistics (4)		
PHY 1203 / L plus	College Physics I (4) plus	8	PHYS 210 plus	General Physics I (4) plus	8	<input type="checkbox"/>
PHY 1205 / L; or	College Physics II (4); or		PHYS 220; or	General Physics II (4); or		<input type="checkbox"/>
PHY 1304 / L plus	Physics for Scientists I (4) plus		PHYS 250 plus	Physics with Calculus I (4) plus		
PHY 1306 / L	Physics for Scientists II (4)		PHYS 260	Physics with Calculus II (4)		

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

BIOCHEMISTRY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
BIO 1101 / L	General Biology I / Lab	3/1	BIOL 230	Introductory Cell Biology	4	<input type="checkbox"/>
BIO 1103 / L	General Biology II / Lab	3/1	BIOL 210	General Zoology	5	<input type="checkbox"/>
			BIOL 220	General Botany	5	<input type="checkbox"/>
CHE 1202 / L	General Chemistry I / Lab	3/1	CHEM 210	General Chemistry I	5	<input type="checkbox"/>
CHE 1204 / L	General Chemistry II / Lab	3/1	CHEM 220	General Chemistry II	5	<input type="checkbox"/>
MTH 1320*	Calculus I*	4	MATH 251	Calculus with Analytic Geometry I	5	<input type="checkbox"/>
MTH 1321*	Calculus II* (recommended) (4)		MATH 252	Calculus with Analytic Geometry II	5	<input type="checkbox"/>
MTH 2502	Statistics	3	MATH 200	Elementary Probability/Statistics	4	<input type="checkbox"/>
PHY 1304 / L	Physics for Scientists I / Lab	3/1	PHYS 250	Physics with Calculus I	4	<input type="checkbox"/>
PHY 1306 / L	Physics for Scientists II / Lab	3/1	PHYS 260	Physics with Calculus II	4	<input type="checkbox"/>

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

BUSINESS ADMINISTRATION, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
BUS 1100	Macroeconomics	3	ECON 100	Principles of Macro Economics	3	<input type="checkbox"/>
BUS 1108	Microeconomics	3	ECON 102	Principles of Micro Economics	3	<input type="checkbox"/>
BUS 1224	Financial Accounting	3	ACTG 121	Financial Accounting	4-5	<input type="checkbox"/>
MTH 2502	Statistics	3	MATH 200	Elementary Probability/Statistics	4	<input type="checkbox"/>

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

COMPUTER AND INFORMATION SCIENCE, B.S

Major Requirements with Emphasis in Software Engineering

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
CS1130 + 1330L	Foundations Computer Science,	4	CS255 or 278	Programming Methods: Java, or	4	<input type="checkbox"/>
	plus Programming Laboratory	1		Programming Methods I: C++	4	<input type="checkbox"/>
CS1140	Data Structure and Abstraction	4	CS 256 or 279	Data Struct: Java or Data Struct: C++	4	<input type="checkbox"/>
MTH1320	Calculus I	4	MATH 251	Calculus with Analytic Geometry I	5	<input type="checkbox"/>
MTH1321	Calculus II	4	MATH 252	Calculus with Analytic Geometry II	5	<input type="checkbox"/>
MTH2522	Probability and Statistics	4		<i>No courses meet this requirement</i>		<input type="checkbox"/>
CS1150*	Computer Organization (4)*			<i>No courses meet this requirement</i>		<input type="checkbox"/>

* 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 CS1150.

Emphasis in Management Information Systems

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
CS1130 + 1330L	Foundations Computer Science,	4	CS255 or 278	Programming Methods: Java, or	4	<input type="checkbox"/>
	plus Programming Laboratory	1		Programming Methods I: C++	4	<input type="checkbox"/>
CS1140	Data Structure and Abstraction	4	CS 256 or 279	Data Struct: Java or Data Struct: C++	4	<input type="checkbox"/>
BUS1000	Foundations of Business	3	BUS100	Contemporary American Business	3	<input type="checkbox"/>
MTH1322	Applied Calculus	4	MATH 241	Applied Calculus I	5	<input type="checkbox"/>
MTH2502	Statistics	3	MATH 200	Elementary Probability/Statistics	4	<input type="checkbox"/>
MTH2502 L	Excel for Statistics	1		<i>No course meets this requirement</i>		<input type="checkbox"/>

COMMUNICATION, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
COM 1000	Introduction to Communication	3	DGME 100	Media in Society	3	<input type="checkbox"/>
COM 1008	Oral Communication	3	COMM 110	Public Speaking	3	<input type="checkbox"/>
COM 1416	Communication Technology	3	DGME 230	Publication Design/Prod InDesign	3	<input type="checkbox"/>
BUS1000	Foundations of Business	3	BUS100	Contemporary American Business	3	<input type="checkbox"/>

HUMAN SERVICES, B.S

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
PSY 1001	Introduction to Psychology	3	PSYC 100	General Psychology	3	<input type="checkbox"/>
SOC 1001	Introduction to Sociology	3	SOC 100	Introduction to Sociology	3	<input type="checkbox"/>

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KINESIOLOGY, B.S

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
BIO 1101 / L	General Biology I / Lab	3/1	BIOL 230	Introductory Cell Biology	4	<input type="checkbox"/>
BIOL 1103 / L	General Biology II / Lab	3/1	BIOL 210	General Zoology	5	<input type="checkbox"/>
			BIOL 220	General Botany	5	<input type="checkbox"/>
<i>One Chemistry course from the following:</i>						
CHE 1101 or	Introductory Chemistry (3) or	3	CHEM 192 or	Elementary Chemistry (4) or	4-5	<input type="checkbox"/>
CHE 1202 / L or	General Chemistry I / Lab (3/1) or		CHEM 210 or	General Chemistry I (5) or		
CHE 1204 / L	General Chemistry II / Lab (3/1)		CHEM 220	General Chemistry II (5)		
MTH 2502	Statistics	3	MATH 200	Elementary Probability/Statistics	4	<input type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSYC 100	General Psychology	3	<input type="checkbox"/>
<i>NDNU recommends that students complete a course in Human Anatomy prior to enrollment in upper-division courses for the Kinesiology major.</i>						

LIBERAL STUDIES B.A.

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

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
Language Studies						
ENG 2108	Advanced Writing	3		<i>Must be taken at NDNU</i>		<input type="checkbox"/>
ENG 2164	Linguistics	3		<i>No course meets this requirement</i>		<input type="checkbox"/>
	<i>Plus one of the following courses:</i>	3				<input type="checkbox"/>
COM 1008 or	Oral Communication (3) or		COMM 110	Public Speaking	3	<input type="checkbox"/>
THE 1005	Intro to Oral Interpretation (3)			<i>Must be taken at NDNU</i>		<input type="checkbox"/>
Mathematics						
MTH 2606	Math for Elementary Teachers I	3		<i>No course meets this requirement</i>		<input type="checkbox"/>
MTH 2607	Math for Elementary Teachers II	3		<i>No course meets this requirement</i>		<input type="checkbox"/>
Natural Science and Technology						
BIO 1009/1109L	Introduction to Biology (3.5)	7	BIOL 100	Introduction to the Life Sciences	3	<input type="checkbox"/>
	<i>Plus one Physical Science course from the following:</i>					
PHY 1109 / L	Physical Science (3.5) or	3.5-4	PHYS 100; or	Descriptive Introduction: Physics (3); or	3*	
				Teaching Science I: K-5 Classroom		
PHY 2000	Science in Action (4)		PHYS 126 plus	Exp/Seminar (1) plus		
				Teaching Science II: Middle School		
			PHYS 127 plus	Classroom Exp/Seminar (1) plus		
				Teaching Science III: High School		
			PHYS 128	Classroom Exp/Seminar (1)		
Social Science						
PSC 1000	American Government	3	PLSC 210	American Politics	3	<input type="checkbox"/>
PSC 2120	World Geography	3	GEOG 100	Physical Geography	3	<input type="checkbox"/>
History						
HST 2300	American History: 1607-1877	3	HIST 201	United States History I	3	<input type="checkbox"/>
HST 2350	California History	3	HIST 310	California History (3)		<input type="checkbox"/>
Humanities						
ENG 2624	Children's Literature	3		<i>No course meets this requirement</i>		<input type="checkbox"/>
REL 2250	Religions of the World	3		<i>Must be taken at NDNU</i>		<input type="checkbox"/>

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The Arts <i>For Credential students, one course from the following:</i> ART 2605 or Art Education Concepts (3) or MUS2067 or Music Education Concepts (3) or THE2151 Children's Theatre (3) <i>For Non-Credential Students:</i> Three units within the Visual and Performing Arts meeting one of the following criteria: One 3-unit content course, or 3 units in studio/performance or concepts	3		3	<input type="checkbox"/>
		No course meets this requirement No course meets this requirement No course meets this requirement		
		(3) units as described for Non-credential Students	3	<input type="checkbox"/>
Human Development				
EDU 2006 Intro to Education: Practicum	3	Must be taken at NDNU		<input type="checkbox"/>
EDU 2080 Senior Seminar	3	Must be taken at NDNU		<input type="checkbox"/>
PSY 1001 Introduction to Psychology	3	PSYC 100 General Psychology	3	<input type="checkbox"/>
PSY 2141 Develop Psychology: Child/Adol	3	PSYC 200 Developmental Psychology	3	<input type="checkbox"/>
<i>Plus one course from the following:</i>	3		3	<input type="checkbox"/>
EDU 2003 or Physical Education in Elem. School (3) or	3	No course meets this requirement		<input type="checkbox"/>
SOC 2617 Teach/Learn/Heal through Animals (3)		No course meets this requirement		<input type="checkbox"/>
* Three (3) units will transfer to meet the 3.5-4 unit Physical Science requirement, with .5-1.5 units remaining.				

PSYCHOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
PSY 1001	Introduction to Psychology	3	PSYC 100	General Psychology	3	<input type="checkbox"/>
MTH 2502	Statistics	3	MATH 200 or	Elementary Probability/ Statistics (4) or	3-4	<input type="checkbox"/>
			PSYC 121	Basic Statistical Concepts (3)		<input type="checkbox"/>

SOCIOLOGY, B.A.

NDNU LOWER-DIVISION MAJOR PREPARATION			COLLEGE OF SAN MATEO TRANSFERABLE COURSES			
Course Code	Course Title	Sem. Units	Course Code	Course Title	Sem. Units	Completed
PSY 1001	Introduction to Psychology* (3)		PSYC 100	General Psychology	3	<input type="checkbox"/>
SOC 1001	Introduction to Sociology	3	SOC 100	Introduction to Sociology	3	<input type="checkbox"/>
SOC 1009	Cultural Anthropology	3	ANTH 110	Cultural Anthropology	3	<input type="checkbox"/>

* Required for Animals in Human Society concentration.

650.508.3600 NDNU Admissions Office

<http://www.ndnu.edu> <http://gocsm.net>

Articulation Agreement Updated: September 2011 Approved by: Galen Corson, Articulation Officer, goorson@ndnu.edu

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