

Lower Division Major Preparation: Transfer Credit Agreement 2016-2017 Catalog
STEM MAJORS (Science, Technology, Engineering, and Mathematics)

Notre Dame de Namur University agrees to accept the Cañada 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 Cañada College: <http://www.canadacollege.edu>

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 course that must be taken at NDNU

BIOLOGICAL SCIENCES

NDNU LOWER-DIVISION MAJOR PREPARATION			CAÑADA 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.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
BIO 1101/L	General Biology I/Lab	3 + 1	BIOL 230	Molecular Biology	5	<input type="checkbox"/>	<input type="checkbox"/>
BIO 1103/L	General Biology II/Lab	3 + 1	BIOL 225	Biology of Organisms	5	<input type="checkbox"/>	<input type="checkbox"/>
CHE 1204/L	General Chemistry II/Lab	3 + 1	CHEM 220	General Chemistry II	5	<input type="checkbox"/>	<input type="checkbox"/>
MTH 1216	Precalculus with Trigonometry	4	MATH 222 or	Precalculus College Algebra/Trig (5) or	5-6	<input type="checkbox"/>	<input type="checkbox"/>
			MATH 225	Fast Track to Calculus (6)		<input type="checkbox"/>	<input type="checkbox"/>
MTH 2502/L	Statistics (3)		MATH 200	Elementary Probability and Statistics	4	<input type="checkbox"/>	<input type="checkbox"/>
One of the following courses with lab:			One of the following courses with lab:				
CHE 1200/ L	General, Organic, and Bio Chem	3 + 1	N/A	No equivalent course		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CHE 1202/L	General Chemistry I/Lab	3 + 1	CHEM 210	General Chemistry I	5	<input type="checkbox"/>	<input type="checkbox"/>
Additional coursework highly recommended for future medical, dental, veterinary medicine, or future graduate students			Additional coursework highly recommended for future medical, dental, veterinary medicine, or future graduate students				
PHY 1203/L	College Physics I/Lab	3 + 1	PHY 210	General Physics I	4	<input type="checkbox"/>	<input type="checkbox"/>
PHY 1205/L	College Physics II/Lab	3 + 1	PHY 220	General Physics II	4	<input type="checkbox"/>	<input type="checkbox"/>
MTH 1320	Calculus I	4	MATH 251	Calculus w/ Analytic Geometry I	5	<input type="checkbox"/>	<input type="checkbox"/>

COMPUTER AND INFORMATION SCIENCE, B.S.

With Emphasis in Software Engineering

NDNU LOWER-DIVISION MAJOR PREPARATION			CAÑADA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
CIS 1130	Foundations / Computer Science	4	CIS 284 or	Programming Methods I: Java (3) or	3	<input type="checkbox"/>	<input type="checkbox"/>
			CIS 250	Programming Methods I: C++ (3)		<input type="checkbox"/>	<input type="checkbox"/>
CIS 1130/L	Programming Laboratory	1	N/A	No equivalent course		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CIS 1140	Data Structure and Abstraction	4	CIS 286	Intro to Data Structures – Java	3	<input type="checkbox"/>	<input type="checkbox"/>
MTH1320	Calculus I	4	MATH 251	Analytical Geometry and Calculus I	5	<input type="checkbox"/>	<input type="checkbox"/>
MTH1321	Calculus II	4	MATH 252	Analytical Geometry and Calculus II	5	<input type="checkbox"/>	<input type="checkbox"/>
MTH2522	Probability and Statistics	4	N/A	No equivalent course		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CIS1150*	Computer Organization (4)*		CIS 242	Comp Architecture/Assembly Language	3	<input type="checkbox"/>	<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 CIS 1150.

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

With Emphasis in Management Information Systems

NDNU LOWER-DIVISION MAJOR PREPARATION			CAÑADA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
CIS 1130	Foundations / Computer Science	4	CIS 284 or CIS 250	Programming Methods I: Java (3) or Programming Methods I: C++ (3)	3	<input type="checkbox"/>	<input type="checkbox"/>
CIS 1130/L	Programming Laboratory	1	N/A	No equivalent course		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CIS 1140	Data Structure and Abstraction	4	CIS 286	Intro to Data Structures – Java	3	<input type="checkbox"/>	<input type="checkbox"/>
BUS 1000	Foundations of Business	3	BUS 100	Introduction to Business	3	<input type="checkbox"/>	<input type="checkbox"/>
MTH1322	Applied Calculus	4	MATH 241	Applied Calculus I	5	<input type="checkbox"/>	<input type="checkbox"/>
MTH2502	Statistics	3	MATH 200	Elementary Probability and Statistics	4	<input type="checkbox"/>	<input type="checkbox"/>
MTH2502/L	Excel for Statistics	1	N/A	No equivalent course		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

HEALTH SCIENCES, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CANADA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
BIO 1000	Science Success Seminar	2	N/A	No equivalent course		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CHE 1200/L	General, Organic, and Biological Chemistry / Lab (3 + 1)	4	CHEM 410	Chemistry for Health Sciences (4)	3-4	<input type="checkbox"/>	<input type="checkbox"/>
HSC 1000	Introduction to Health Sciences	3	HSCI 115 or KINE 101 or MEDA 100 or RADT 400	Intro to Health Care and Health Professions (3) or Introduction to Kinesiology (3) or Introduction to Medical Assisting (3) or Orientation to Radiologic Technology (2)	2-3	<input type="checkbox"/>	<input type="checkbox"/>
HSC 1002	Microbes and Diseases	3	BIOL 240	General Microbiology	4	<input type="checkbox"/>	<input type="checkbox"/>
HSC 1005/L plus	Anatomy and Physiology I / Lab (3 + 1) plus	4	BIOL 250 plus	Human Anatomy plus	4	<input type="checkbox"/>	<input type="checkbox"/>
HSC 1006/L	Anatomy and Physiology II / Lab (3 + 1)	4	BIOL 260	Human Physiology	5	<input type="checkbox"/>	<input type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSYC 100	General Psychology	3	<input type="checkbox"/>	<input type="checkbox"/>
MTH 2502	Statistics	3	MATH 200	Elementary Probability and Statistics	4	<input type="checkbox"/>	<input type="checkbox"/>
MTH 2502L, or	Excel for Statistics (1), or	1	N/A	No equivalent course		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MTH 2503L	SPSS for Statistics (1)		N/A	No equivalent course		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

KINESIOLOGY, B.S.

NDNU LOWER-DIVISION MAJOR PREPARATION			CAÑADA COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
BIO 1101/L	General Biology I/Lab	3 + 1	BIOL 230	Molecular Biology	5	<input type="checkbox"/>	<input type="checkbox"/>
BIO 1103/L	General Biology II/Lab	3 + 1	BIOL 225	Biology of Organisms	5	<input type="checkbox"/>	<input type="checkbox"/>
MTH 2502	Statistics	3	MATH 200	Elementary Probability and Statistics	4	<input type="checkbox"/>	<input type="checkbox"/>
PSY 1001	Introduction to Psychology	3	PSYC 100	General Psychology	3	<input type="checkbox"/>	<input type="checkbox"/>
One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional.			One Chemistry course from the following. In the case that a lecture course has a separate lab, the lab course is optional.				
CHE 1101	Introductory Chemistry (3)	3-4	CHEM 192	Elementary Chemistry (4)	4-5	<input type="checkbox"/>	<input type="checkbox"/>
CHE 1202	General Chemistry I (3)		CHEM 210	General Chemistry I (5)		<input type="checkbox"/>	<input type="checkbox"/>
CHE 1202 L	General Chemistry I Lab (1) (optional)					<input type="checkbox"/>	<input type="checkbox"/>
CHE 1204	General Chemistry II		CHEM 220	General Chemistry II (5)		<input type="checkbox"/>	<input type="checkbox"/>
CHE 1204 L	General Chemistry II Lab (1) (optional)					<input type="checkbox"/>	<input type="checkbox"/>

650.508.3600 NDNU Admissions Office
<http://www.ndnu.edu> <http://www.canadacollege.edu>

Articulation Agreement Updated: September 29, 2016
 Approved by: Galen Anne Corson, Articulation Officer, gcorsan@ndnu.edu