Lower Division Major Preparation: Transfer Credit Agreement 2016-2017 Catalog

COMPUTER AND INFORMATION SCIENCE, B.S.

Notre Dame de Namur University agrees to accept the Foothill 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 Foothill College:	http://www.foothill.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	▨ = A requirement for which there is no equivalent course at the transfer institution; or, a course that must be taken at NDNU

COMPUTER AND INFORMATION SCIENCE, B.S.

Emphasis in Software Engineering

NDNU LOWER-DIVISION MAJOR PREPARATION			FOOTHILL COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
CIS 1130	Foundations / Computer Science	4	CS 1B **or**	Intermediate Software Design JAVA (5) **or**	5	☐	☐
			CS 2B	Intermediate Software Design C++ (5)			
CIS 1130/L	Programming Laboratory	1	N/A	No equivalent course			
CIS 1140	Data Structure and Abstraction	4	CS 1C **or**	Adv Data Struct/Algorithims JAVA (5) **or**	5	☐	☐
			CS 2C	Adv Data Struct/Algorithims C++ (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		▨	▨
CIS1150*	Computer Organization (4)*		CS 10**	Computer Architecture and Organization	5	☐	☐

* 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.   ** ENGR 12 is crosslisted with CS 10

Emphasis in Management Information Systems

NDNU LOWER-DIVISION MAJOR PREPARATION			FOOTHILL COLLEGE EQUIVALENT COURSES				
Course Code	Course Title	SEM	Course Code	Course Title	QTR	C	IP
CIS 1130	Foundations / Computer Science	4	CS 1B **or**	Intermediate Software Design JAVA (5) **or**	5	☐	☐
			CS 2B	Intermediate Software Design C++ (5)			
CIS 1130/L	Programming Laboratory	1	N/A	No equivalent course			
CIS 1140	Data Structure and Abstraction	4	CS 1C **or**	Adv Data Struct/Algorithims JAVA (5) **or**	5	☐	☐
			CS 2C	Adv Data Struct/Algorithims C++ (5)			
BUS 1000	Foundations of Business	3	BUSI 22	Principles of Business	5	☐	☐
MTH1322	Applied Calculus	4	MATH 12	Calculus for Business and Economics	5	☐	☐
MTH2502	Statistics	3	MATH 10	Elementary Statistics	5	☐	☐
MTH2502/L	Excel for Statistics	1	N/A	No equivalent course		▨	▨

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 at NDNU

The Computer Science Program offers a Bachelor of Science in Computer and Information Science. The Computer and Information Science major provides sound preparation for a career as a computer professional or for graduate study. It combines a comprehensive theoretical foundation with the pragmatic aspect of designing and implementing computer-based solutions to practical problems. The program also emphasizes the current trends in software engineering through an object-oriented approach and Internet/networking applications using Java, Perl, C++ and other Web-related software systems, tools and technologies.

650.508.3600 NDNU Admissions Office
http://www.ndnu.edu   http://www.foothill.edu

Articulation Agreement Updated: November 1, 2016
Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu

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