

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 City College of San Francisco 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 City College of San Francisco: <http://www.ccsf.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

Emphasis in Software Engineering

NDNU LOWER-DIVISION MAJOR PREPARATION			CITY COLLEGE OF SAN FRANCISCO EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
CIS 1130	Foundations / Computer Science (4) plus	5	CS 111A plus	Introduction to Programming: Java (4) plus	8	<input type="checkbox"/>	<input type="checkbox"/>
CIS 1130/L	Programming Laboratory (1)		CS 111B; or	Programming Fundamentals (4); or		<input type="checkbox"/>	<input type="checkbox"/>
			CS 110A plus	Introduction to Programming C++ (4) plus			
			CS 110B	Programming Fundamentals: C++ (4)			
CIS 1140	Data Structure and Abstraction	4	CS 111C or	Data Structure and Algorithms: Java (4) or	4	<input type="checkbox"/>	<input type="checkbox"/>
			CS 110C	Data Structure and Algorithms: C++ (4)			
MTH1320	Calculus I	4	MATH 110A	Calculus I	5	<input type="checkbox"/>	<input type="checkbox"/>
MTH1321	Calculus II	4	MATH 110B	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)*		CS 270	Computer Arch with 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.

Emphasis in Management Information Systems

NDNU LOWER-DIVISION MAJOR PREPARATION			CITY COLLEGE OF SAN FRANCISCO EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
CIS 1130	Foundations / Computer Science (4) plus	5	CS 111A plus	Introduction to Programming: Java (4) plus	8	<input type="checkbox"/>	<input type="checkbox"/>
CIS 1130/L	Programming Laboratory (1)		CS 111B; or	Programming Fundamentals (4); or		<input type="checkbox"/>	<input type="checkbox"/>
			CS 110A plus	Introduction to Programming C++ (4) plus			
			CS 110B	Programming Fundamentals: C++ (4)			
CIS 1140	Data Structure and Abstraction	4	CS 111C or	Data Structure and Algorithms: Java (4) or	4	<input type="checkbox"/>	<input type="checkbox"/>
			CS 110C	Data Structure and Algorithms: C++ (4)			
BUS 1000	Foundations of Business	3	GNBS 119	Introduction to Business	3	<input type="checkbox"/>	<input type="checkbox"/>
MTH1322	Applied Calculus	4	MATH 100A	Short Calculus I	3	<input type="checkbox"/>	<input type="checkbox"/>
MTH2502	Statistics	3	MATH 80	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"/>

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

Careers in Computer and Information Science

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.ccsf.edu>

Articulation Agreement Updated: September 29, 2016

Approved by: Galen Anne Corson, Articulation Officer, gcorson@ndnu.edu