

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 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 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 College of San Mateo: <http://www.collegeofsanmateo.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			COLLEGE OF SAN MATEO EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
CIS 1130 plus	Foundations / Computer Science plus	4	CIS 255 or	Programming Methods: Java (4), or	4	<input type="checkbox"/>	<input type="checkbox"/>
CIS 1130/L	Programming Laboratory	1	CIS 278	Programming Methods I: C++ (4)		<input type="checkbox"/>	<input type="checkbox"/>
CIS 1140	Data Structure and Abstraction	4	CIS 256 or	Data Struct: Java (4) or	4	<input type="checkbox"/>	<input type="checkbox"/>
			CIS 279	Data Struct: C++ (4)		<input type="checkbox"/>	<input type="checkbox"/>
MTH1320	Calculus I	4	MATH 251	Calculus with Analytic Geometry I	5	<input type="checkbox"/>	<input type="checkbox"/>
MTH1321	Calculus II	4	MATH 252	Calculus with Analytic Geometry II	5	<input type="checkbox"/>	<input type="checkbox"/>
MTH2522	Probability and Statistics	4	N/A	No equivalent course		<input type="checkbox"/>	<input checked="" type="checkbox"/>
CIS1150*	Computer Organization (4)*		CIS 264*	Computer Architecture and 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			COLLEGE OF SAN MATEO EQUIVALENT COURSES				
Course Code	Course Title	Units	Course Code	Course Title	Units	C	IP
CIS 1130 plus	Foundations / Computer Science plus	4	CIS 255 or	Programming Methods: Java (4), or	4	<input type="checkbox"/>	<input type="checkbox"/>
CIS 1130/L	Programming Laboratory	1	CIS 278	Programming Methods I: C++ (4)		<input type="checkbox"/>	<input type="checkbox"/>
CIS 1140	Data Structure and Abstraction	4	CIS 256 or	Data Struct: Java (4) or	4	<input type="checkbox"/>	<input type="checkbox"/>
			CIS 279	Data Struct: C++ (4)		<input type="checkbox"/>	<input type="checkbox"/>
BUS 1000	Foundations of Business	3	BUS 100	Contemporary American 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/Statistics	4	<input type="checkbox"/>	<input type="checkbox"/>
MTH2502/L	Excel for Statistics	1	N/A	No equivalent course		<input type="checkbox"/>	<input checked="" type="checkbox"/>

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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