



NOTRE DAME
DE NAMUR UNIVERSITY

ESTABLISHED 1851

Computer and Information Science (B.S.C.I.S.) Transfer Pathway for College of San Mateo Management Information Systems (M.I.S.) Track

Transferring Made Simple. The Transfer Pathways program eliminates the obstacles with the transition from the Community College to the Bachelor of Science (BS) in STEM (Science, Technology, Engineering and Mathematics) programs at Notre Dame de Namur University (NDNU).

NDNU accepts transfer students for both spring and fall terms with any number of units. Our counselors and advisors will work with you to determine an individualized academic plan to map out and get you into the classes you need to graduate on time. Students seeking a 2 + 2 transfer agreement can use this pathway document as a guide. Please keep in mind that not every course at College of San Mateo needs to be completed prior to coming to NDNU. We will assist you to determine your individual needs.

Articulation Pathway toward a B.S.C.I.S., Management Information Systems Track

The following courses are recommended to streamline the path through prerequisite courses taken at College of San Mateo, and specific upper division courses that must be taken at NDNU for the CIS major. The pathway is a guide to students who enter NDNU during the 2014-15 year. If you will be starting at a later date, please remain in contact with the NDNU CIS department and your advisor, to be aware of any potential changes in the major requirements over time.

General Education Requirements

You should plan to complete at least 28 units from the online Articulation Agreement between College of San Mateo and NDNU, including both required Core Cultural Diversity courses. The total number of units needed to fulfill all Core Curriculum and institutional requirements will vary depending on how requirements for foreign language and US History are met. Please contact us to confirm your intended transfer pathway.

(Over for courses to be taken at NDNU)

Contact Information

NDNU Admissions
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Prerequisites for Courses in the NDNU Major: (Recommended taking at College of San Mateo)

		<u>Units</u>
CIS 255	(CS1) Programming Methods: Java	(4) OR
CIS 278	(CS1) Programming Methods I: C++	(4)
CIS 256	Data Structures: Java	(4) OR
CIS 279	Data Structures: C++	(4)
BUS 100	Contemporary American Business	(3)
MATH 241	Applied Calculus I	(5)
MATH 200	Elementary Probability & Statistics	(4)

Courses Remaining at NDNU

CIS Major Courses: 45-46 Units Total

		<u>Units</u>
BUS 2000	Mgmt. Principles & Org. Behavior	(3)
CIS 2261	Object-Oriented Design & Programming	(3)
MTH 2419	Discrete Mathematics	(4)*
CIS 2233	Database Management Systems	(3)
CIS 2235	Computer Operating Systems	(4)
CIS 2243	Computer Network & Network Programming	(4)
CIS 2245	Software Engineering	(3)
CIS 2277	Web Programming I: Client Side	(3)
CIS 2278	Web Programming II: Server Side	(3)
CIS 2341	Quality Assurance & Testing	(3)
CIS 2885	Senior Project	(3)

** Students who transfer MATH 268 - Discrete Mathematics from CSM will receive content credit for NDNU MTH 2419 in the Management Information Systems track.*

<i>Select three from the following courses: (9-10 units total)</i>		
BUS 2008	Legal Environment of Business	(3)
BUS 2032	Mgmt. Planning & Decision-Making	(3)
BUS 2300	Marketing Principles	(3)
BUS 2372	Bus. to Bus. Advertising in a Tech. Env't.	(3)
BUS 2600	Operations & Info. Tech. Systems	(3)
BUS 2608	Telecommunications Mgmt.	(3)
CIS 2221	Programming Languages & Compiler	(4)
CIS 2255	Computer Graphics	(3)
CIS 2355	Mobile Device Programming	(3)
CIS 2886	Special Topics in Computer Science	(3)

Additional GE Courses:

(9 units minimum)

Upper Division Writing	(3)*
Upper Division Religion	(3)
Community Engagement	(3)*
Cultural Diversity	(6) <i>if not completed at College of San Mateo</i>

Any remaining GE or institutional courses as needed to fulfill all NDNU Requirements.

** The Upper Division Writing requirement and the Community Engagement requirement generally do not add units to a student's program. Rather, they are intended to be fulfilled by choosing courses from the approved list that also satisfy requirements in other areas of the student's program.*