



NOTRE DAME
DE NAMUR UNIVERSITY

ESTABLISHED 1851

Computer and Information Science (B.S.C.I.S.) Transfer Pathway for City College of San Francisco

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) programs 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 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 needs to be completed. 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 City College of San Francisco, 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 2015-16 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 City College of San Francisco 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
(650) 508-3600
admiss@ndnu.edu
ndnu.edu/STEMpathways

Dr. Eugen Radian
Chair, Math & Computer
Science Dept.
(650) 508-3539
eradian@ndnu.edu

Dr. John Youssefi
Professor and Program
Director,
Computer Science
(650) 508-3450
jyoussefi@ndnu.edu

Jeff Day
Admin. Coordinator
Math & Computer
Science Dept.
(650) 508-3472
jday@ndnu.edu

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

CS 111A	Introduction to Programming: Java	(3) PLUS
CS 111B;	Programming Fundamentals	(3)
		OR
CS 110A	Introduction to Programming: C++	(3) PLUS
CS 110B	Programming Fundamentals: C++	(3)
CS 111C OR	Data Structure and Algorithms: Java	(3) OR
CS 110C	Data Structure and Algorithms:C++	(3)
GNBS 119	Introduction to Business	(3)
MATH 100A	Short Calculus I	(3)
MATH 80	Probability and Statistics	(4)

Courses Remaining at NDNU

CIS Major Courses: 45-46 Units Total

		Units
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 115 - Discrete Mathematics from CCSF will receive content credit for NDNU MTH 2419 in the Management Information Systems track.

Select three from the following courses: (9-10 units total)

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) if not completed at CCSF

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.