



NOTRE DAME  
DE NAMUR UNIVERSITY

ESTABLISHED 1851

## Biology Transfer Pathway for Cañada College

**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.

### STEM Articulation Pathway toward a B.S. In Biology

The following classes outline prerequisite courses taken at Cañada, and specific upper division courses that must be taken at NDNU for the Biology major.

### General Education Requirements

You should plan to complete at least 28 units from the online Articulation Agreement between Cañada College 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](mailto:admiss@ndnu.edu)  
[ndnu.edu/STEMpathways](http://ndnu.edu/STEMpathways)

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**Prerequisites for Courses in the Major: (Recommended taking at Cañada)**

		<u>Units</u>
BIO 230	Cell and Molecular Biology	(5)
BIO 225	Biology of Organisms	(5)
CHEM 210	General Chemistry I	(5)
CHEM 220	General Chemistry II	(5)
PHY 210	General Physics I	(4)
PHY 211	Calculus Supplement for Physics I	(1) (optional but recommended)
PHY 220	General Physics II	(4)
PHY 221	Calculus Supplement for Physics II	(1) (optional but recommended)
MATH 222	Pre-Calculus	(5) <b>OR</b>
<i>MATH 251</i>	<i>Analytical Geometry and Calculus I</i>	(5)
MATH 252	Analytical Geometry and Calculus II	(5) (optional but recommended)

**Courses Remaining at NDNU****Biology Major Courses: 42 Units Total**

	<u>Units</u>			
Organic Chemistry I with Lab	(4)	CHE 2203 <i>plus</i>	CHE 2203L	(3+1)
Organic Chemistry II with Lab	(4)	CHE 2205 <i>plus</i>	CHE 2205L	(3+1)
Physiology with Lab	(5)	BIO 2210 <i>plus</i>	BIO 2210L	(3+2)
Genetics with Lab	(4)	BIO 2215 <i>plus</i>	BIO 2215L	(3+1)
Microbiology with Lab	(5)	BIO 2275 <i>plus</i>	BIO 2275L	(3+2)
Developmental Biology with Lab	(4)	BIO 2200 <i>plus</i>	BIO 2200L	(3+1)
Statistics	(4)	MTH 2502 <i>plus</i>	MTH 2502L	(3+1)
Upper Division BIO electives	(8)	various		
<b><i>Choose one:</i></b>				
Immunology with Lab	(4)	BIO 2277 <i>plus</i>	BIO 2277L	(3+1)
Biochemistry with Lab	(4)	CHE 2370 <i>plus</i>	CHE 2370L	(3+1)

**Additional GE Courses:** 9 Units Minimum

Upper Division Writing (3)\*

Upper Division Religion (3)

Community Engagement (3)\*

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

*\*The Upper Division Writing requirement and 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.*