

# Transfer Guide

## University of North Dakota and Northland Community & Technical College

All locations, MN

**Degree: Bachelor of Science**

**Major: PHYSICS**

The following information was updated according to the 2019-2020 UND CATALOG - Students satisfactorily completing the courses below may transfer them to UND in fulfillment of the corresponding course requirements for this degree. Essential Studies equivalencies, courses, and major requirements may change. An official evaluation of transfer credit will be done upon admission to the university. Transfer credits will be evaluated and applied according to the current catalog and the approved Essential Studies list at the first semester of enrollment at UND.

Students planning to transfer to UND are encouraged to have phone or email contact with a UND adviser. Students may call the Advising Office at 1-800-CALL-UND ext. 4974 or (701) 777-4974.

---

NCTC	Course/Credits/Title	UND	Course/Credits/Title
<b><u>I. Communication - COM</u></b>			
ENGL 1111	3 Composition I	ENGL 110	3 College Composition I
ENGL 1112	3 Composition II	ENGL 130	3 Comp II: Writing for Public Audiences
SPCH 1101	3 Intro to Public Speaking	COMM 110	3 Fundamentals of Public Speaking
<b><u>II. Social Science - SS</u></b>			
Elective Credit	9 Credit from at least two depts.	Elective Credit	9 Credit from at least two depts.
<b><u>III. Arts and Humanities - FA/HUM</u></b>			
Elective Credit	9* Credit from at least two depts.	Elective Credit	9* Credit from at least two depts.
*Must include 3 credits designated as Fine Arts and 3 credits designated as Humanities.			
<b><u>IV. Mathematics, Science &amp; Technology - MST</u></b>			
CHEM 1121	5 General Chemistry I	CHEM 121/L	3/1 General Chemistry I/Lab
MATH 2231	4 Calculus I	MATH 165	4 Calculus I
MATH 2232	4 Calculus II	MATH 166	4 Calculus II
<b><u>Other Program Requirements</u></b>			
CHEM 1122	5 General Chemistry II	CHEM 122/L	3/1 General Chemistry II/Lab
MATH 2233	4 Calculus III	MATH 265	4 Calculus III
PHYS 2211	5 Engineering Physics I	PHYS 251/L	4 University Physics I/Lab
PHYS 2212	5 Engineering Physics II	PHYS 252/L	4 University Physics II/Lab

A complete list of approved Essential Studies courses can be found online at: [Essential Studies Approved Courses](#).

Additional classes will be required to earn the above degree; a minimum of 120 credits is required to graduate from UND. A complete listing of program requirements can be found in the [Academic Catalog](#) and [Four Year Plans](#).

Transfer credit for courses other than those listed above will be evaluated on a course-by-course basis.