

Articulation Agreement

University of North Dakota and Northland Community & Technical College

All locations, MN

Degree: Bachelor of Science

Major: COMPUTER SCIENCE

The following information was updated according to the 2017-2019 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.

Because of language changes and the rapidity of change in Computer Science, transfer students are urged to speak with their adviser at UND to determine their best starting point in UND's Computer Science curriculum.

*An approved two-semester laboratory science course is required in Biology (1111-1112), Chemistry (1121-1122), or Physics (2211-2212).

NCTC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
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 (O)	COMM 110	3 Fundamentals of Public Speaking
<u>II. Social Science - SS</u>			
Elective Credit	9 Credit from at least two depts.	Elective Credit	9 Credit from at least two depts.
<u>III. Arts and Humanities - FA/HUM</u>			
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			
<u>IV. Mathematics, Science & Technology - MST</u>			
Lab Science*	4 Lab Science Course*	Lab Science	4 Lab Science Course
No Equivalent	No equivalent at NCTC	CSCI 161	4 Computer Science II
No Equivalent	No equivalent at NCTC	CSCI 160	4 Computer Science I
<u>Other Program Requirements</u>			
MATH 2231	4 Calculus I	MATH 165	4 Calculus I
MATH 2232	4 Calculus II	MATH 166	4 Calculus II
MATH 2233	4 Calculus III	MATH 265	4 Calculus III

A complete list of approved Essential Studies courses can be found online at <http://und.edu/academics/essential-studies/approved-courses.cfm>

When choosing your Essential Studies (General Education) Courses in Communication, Fine Arts and Humanities, Social Science, and Math, Science and Technology, you will need to consider how you will meet the special emphasis requirements. Courses listed above that meet a special emphasis requirement are marked as follows: Oral Communication requirement (O), Social-Cultural Diversity requirement: United States (U), Social-Cultural Diversity requirement: Global (G), Quantitative Reasoning requirement (Q), and Advanced Communication requirement (A). To learn more please go to <http://und.edu/academics/essential-studies> or check with your adviser.

All students-including transfers-are required to take an Essential Studies upper division Capstone (C) course at UND. Approved Capstone courses are taken in the senior year of a student's undergraduate program.

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.