

Transfer Guide

University of North Dakota and North Dakota State College of Science

Wahpeton, ND

Degree: Bachelor of Science in Civil Engineering

Major: CIVIL ENGINEERING

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 advisor. Students may call the Advising Office at 1-800-CALL-UND ext. 2180 or (701) 777-2180.

128 credits are required to graduate with a civil engineering degree from UND.

NDSCS	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120 or	3 College Composition II	ENGL 130 or	3 Comp II: Writing for Public Audiences
ENGL 125	3 Intro to Professional Writing	ENGL 130	3 Comp II: Writing for Public Audiences
No Equivalent	3 Must be taken at UND	CE 482	3 Civil Engineering Design I
<u>II. Social Science - SS</u>			
Elective Credit	3 Elective Credit	Elective Credit	3 Elective Credit
Must be taken at UNB	Must be taken at UND	ENGR 460	3 Engineering Economy
Must be taken at UNB	Must be taken at UND	ENGR 340	3 Professional Integrity in Engineering
<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>			
PHYS 251	4/1 University Physics I/Lab	PHYS 251	4 University Physics I
CHEM 121/L	4/1 General Chemistry I/Lab	CHEM 121/L	3/1 General Chemistry I/Lab
MATH 165	4 Calculus I	MATH 165	4 Calculus I
MATH 166	4 Calculus II	MATH 166	4 Calculus II
CHEM 122/L or	4/1 General Chemistry II/Lab	CHEM 122/L or	3/1 General Chemistry II/Lab
BIOL 150/L or	3/1 General Biology I	BIOL 150/L or	3/1 General Biology I
PHYS 252	4/1 University Physics II/Lab	PHYS 252	4 University Physics II
<u>Other Program Requirements</u>			
CAD 120	3 Introduction to AutoCAD	ENGR 101	3 Graphical Communication
MATH 265	4 Calculus III	MATH 265	4 Calculus III
MATH 266	3 Intro to Differential Equations	MATH 266	3 Elementary Differential Equations
CT 113	3 Introduction to Civil Design Applications	Elective Credit or	3 Civil Engineering Technical Elective
CT 113	3 Introduction to Civil Design Applications	CE 202	1 Introduction to Digital Terrain Modeling
CT 122	4 Advanced Surveying	CE 313/313L	2/1 General Surveying with Lab

CT 211	3	Intro to Geographic Information Systems	Elective Credit	3	Civil Engineering Technical Elective
CT 222	4	Advanced Surveying Procedures	Elective Credit	4	Civil Engineering Technical Elective
CT 223	4	Boundary control and Legal Principles	Elective Credit	4	Civil Engineering Technical Elective

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.