

# Transfer Guide

## University of North Dakota and North Dakota State College of Science

Wahpeton, ND

**Degree: Bachelor of Science in Electrical Engineering**

**Major: ELECTRICAL 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.

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135 credits are required to graduate with an electrical engineering degree from UND.

\*Computer Science classes count towards the B.S.E.E with a Computer Science Focus program only.

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NDSCS	Course/Credits/Title	UND	Course/Credits/Title		
<b><u>I. Communication - COM</u></b>					
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
<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 121/L	4/1	General Chemistry I/Lab	CHEM 121/L	3/1	General Chemistry I/Lab
CHEM 122/L	4/1	General Chemistry II/Lab	CHEM 122/L	3/1	General Chemistry II/Lab
MATH 165	4	Calculus I	MATH 165	4	Calculus I
MATH 166	4	Calculus II	MATH 166	4	Calculus II
<b><u>Other Program Requirements</u></b>					
CSCI 160	4	Computer Science I	*CSCI 160	4	Computer Science I
CSCI 161	4	Computer Science II	*CSCI 161	4	Computer Science II
ELEC 181/182	4/4	Digital Circuits I/Lab; Digital Circuits II/La	EE 201/202	2/1	Intro to Digital Electronics/Lab
MATH 210	3	Elementary Statistics	EE 318	3	Engineering Data Analysis
MATH 265	4	Calculus III	MATH 265	4	Calculus III
MATH 266	3	Intro to Differential Equations	MATH 266	3	Elementary Differential Equations
PHYS 251/L	4/1	University Physics I/Lab	PHYS 251	4	University Physics I
PHYS 252/L	4/1	University Physics II/Lab	PHYS 252	4	University Physics II

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.