

Transfer Guide

University of North Dakota and Anoka-Ramsey Community College

All locations, MN

Degree: Bachelor of Science

Major: CHEMISTRY

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.

Students planning a professional program in health sciences should call UND's Health Science advisor at the number above and also access the UND Web Page: www.und.edu (Under A-Z Index, click on "P" for Pre-Health and other headings.)

Students must have completed a full year of calculus-based physics and three semesters of calculus before beginning their junior (third) year chemistry classes.

ARCC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
ENGL 1104	3 Technical Writing	ENGL 130	3 Comp II: Writing for Public Audiences
ENGL 1121	4 College Writing & Critical Reading	ENGL 110	3 College Composition I
SPCH 2215	3 Public Speaking	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	3 Fine Arts Elective	Elective Credit	3 Fine Arts Elective
LANG 1101	4 CHIN, FREN, GERM, SPAN, SWED	LANG 101	4 First Year Language I
LANG 1102	4 CHIN, FREN, GERM, SPAN, SWED	LANG 102	4 First Year Language II
<u>IV. Mathematics, Science & Technology - MST</u>			
CHEM 1061	4 Principles of Chemistry I	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 1062	4 Principles of Chemistry II	CHEM 122/L	3/1 General Chemistry II/Lab
MATH 1400	5 Calculus I	MATH 165	4 Calculus I
MATH 1401	5 Calculus II	MATH 166	4 Calculus II
<u>Other Program Requirements</u>			
CHEM 2041	4 Quantitative Analysis	CHEM 333	3/1 Analytical Chemistry/Lab
CHEM 2061	5 Organic Chemistry I	CHEM 341/L	4/1 Organic Chemistry I/Lab
CHEM 2062	5 Organic Chemistry II	CHEM 342/L	4/1 Organic Chemistry II/Lab
MATH 2220	5 Multivariable Calc & Vector Analysis	MATH 265	4 Calculus III
PHYS 1327	6 College Physics I/Lab	PHYS 251/L	4 University Physics I/Lab
PHYS 1328	6 College Physics II/Lab	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.