

Transfer Guide

University of North Dakota and Northland Community & Technical College

All locations, MN

Degree: Bachelor of Science

Major: MEDICAL LABORATORY SCI

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. 2634 or (701) 777-2634.

BIOL 2252, 2254 and 2256 must be completed in order to take the place of UND's ANAT 204/L & PHY 301/L; department review is required.

Students consult with advisors at NCTC as well as UND to ensure consistent planning for degree completion.

*Indicates a course which must be taken at UND.

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	COMM 110	3 Fundamentals of Public Speaking
<u>II. Social Science - SS</u>			
ANTH 2202	3 Cultural Anthropology	ANTH 171	3 Introduction to Cultural Anthology
PSYC 1105	4 Introduction to Psychology	PSYC 111	3 Introduction to Psychology
PSYC 2201	3 Developmental Psychology	PSYC 250	4 Developmental Psychology
SOCI 1101	3 Introduction to Sociology	SOC 110	9 Introduction to Sociology
<u>III. Arts and Humanities - FA/HUM</u>			
Elective Credit	6* Credit from at least two depts.	Elective Credit	6* Credit from at least two depts.
*Must include 3 credits designated as Fine Arts and 3 credits designated as Humanities.			
PHIL 1102 or	3 Intro to Ethics	PHIL 120 or	3 Introduction to Ethics
PHIL 2210	3 Morals and Medicine	PHIL 120	3 Introduction to Ethics
<u>IV. Mathematics, Science & Technology - MST</u>			
BIOL 1111	4 Biological Principles I	BIOL 150/L	3/1 General Biology I/Lab
CHEM 1121	5 General Chemistry I	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 1122	5 General Chemistry II	CHEM 122/L	3/1 General Chemistry II/Lab
CHEM 2205	4 Survey of Chemistry	CHEM 110	3 Survey of Chemistry
MATH 1110	3 College Algebra	MATH 103	3 College Algebra
<u>Other Program Requirements</u>			
BIOL 2252 and	3 Anatomy & Physiology I (++)	ANAT 204/L	3/2 Anatomy for Paramedical Personnel/Lab
BIOL 2254 and	3 Anatomy & Physiology II (++)	PPT 301	4 Human Physiology
BIOL 2256	2 Advanced Physiology (++)		
BIOL 2221	3 Microbiology	MBIO 202	3 Intro to Medical Microbiology
CHEM 2211	4/1 Organic Chemistry I	CHEM 340/L	4/1 Survey of Organic Chemistry/Lab
HLTH 2208	3 Pathophysiology	BIOL 151/L	3/1 General Biology II/Lab)program Substitut
BUSN 2210	3 Prin of Management	MGMT 300	3 Principles of Management

Other Requirements

			MLS 490*	3	Fin. & Quality Mgmt of the Clinical Lab
			MLS 394*	2	Medical Microbiology
			MLS 471*	2	Clinical Chemistry I
			MLS 380	1	Professional Issues in CLS
			MLS 336*	1	Laboratory Calculations
			MLS 325/L*	3/2	Hematology/Lab
			MLS 478*	2	Clinical Microbiology I
SPSCH 2205	3	Intercultural Communications	COMM 212	3	Interpersonal Communication
			MLS 487*	1	Medical Mycology
			MLS 301*	3	Immunology
			MLS 480	2	Clinical Immunohematology II
			BMB 301	3	Biochemistry
			MLS 101	2	Orientation to MLS
			MLS 498	2	Clinical Hematology III
			MLS 494	1	Clinical Immunology
			MLS 489*	1	Clinical Body Fluids
			MLS 488	2	Clinical Hematology II
			MLS 485	1	Clinical Urinalysis II
			MLS 484	2	Clinical Microbiology II
			MLS 495	2	Clinical Microbiology III
			MLS 481	2	Clinical Chemistry II
			MLS 491	2	Clinical Chemistry III
			MLS 479*	2	Clinical Hematology I
			MLS 474*	2	Clinical Urinalysis I
			MLS 340/L*	2/1	Molecular Diagnostics/Lab
			MLS 234/L*	2/1	Human Parasitology/Lab
			MLS 477/L*	1/1	Clinical Immunohematology I
			MLS 472*	1	Pre-Analytical Skills
			MLS 473*	2	Clinical Hemostasis
			MLS 492*	2	Clinical Immunohematology III
			MLS 483*	1	Clinical Hemostasis 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.