

Transfer Guide

University of North Dakota and MN West Community & Technical College

All locations, MN

**Degree: Bachelor of Science in Clinical
Laboratory 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.

*Indicates a course which must be taken at UND.

++Program approval required. BIOL 2201 and BIOL 2202 must be completed in order to take the place of UND's ANAT 204/L & PPT 301.

Students must complete all MN West Community & Technical College MLT program requirements in order to meet program specific (MLS prefix) course transfer credit equivalencies.

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

MWCTC Course/Credits/Title

UND

Course/Credits/Title

I. Communication - COM

ENGL 1101	3	Composition I	ENGL 110	3	College Composition I
ENGL 1102	3	Composition II	ENGL 130	3	Comp II: Writing for Public Audiences
SPCH 1101	3	Introduction to Speech	COMM 110	3	Fundamentals of Public Speaking

II. Social Science - SS

Elective Credit	3	Social Science Elective Credit	Elective Credit	3	Social Science Elective Credit
PSYC 1101	4	Introduction to Psychology	PSYC 111	3	Introduction to Psychology
SOC 1101	3	Introduction to Sociology	SOC 110	3	Introduction to Sociology

III. Arts and Humanities - FA/HUM

Elective Credit	9*	Credit from at least two depts.	Elective Credit	9*	Credit from at least two depts.
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*Must include 3 credits designated as Fine Arts and 3 credits designated as Humanities.

IV. Mathematics, Science & Technology - MST

BIOL 1110	4	Principles of Biology	BIOL 150/L	3/1	General Biology/Lab
CHEM 1101	5	General Inorganic Chemistry I	CHEM 121/L	3/1	General Chemistry I/Lab
CHEM 1102	5	General Inorganic Chemistry II	CHEM 122/L	3/1	General Chemistry II/Lab
MATH 1111	3	College Algebra	MATH 103	3	College Algebra

Other Program Requirements

BIOL 2201 and	4	Human Anatomy (++)	ANAT 204	3	Anatomy for Paramedical Personnel/Lab
BIOL 2202	5	Human Physiology (++)	PPT 301	4	Human Physiology
BIOL 2220 or BIOL 2230	3	Animal Biology or Plant Biology (++)	BIOL 151	3	General Biology II
BIOL 2270	4	Microbiology (++)	MBIO 202	3/2	Intro to Medical Microbiology/Lab
CHEM 2201	5	Organic Chemistry I (++)	CHEM 340/L	4/1	Survey of Organic Chemistry/Lab

Other Requirements

			MLS 490*	3	Fin. & Quality Mgmt of the Clinical Lab
			MLS 394*	2	Medical Microbiology
			MLS 471*	2	Clinical Chemistry I
MDLT 1100	3	Introduction to Laboratory Science	MLS 380	1	Professional Issues in CLS
			MLS 336*	1	Laboratory Calculations
			MLS 325	3	Hematology
MDLT 1130	3	Hematology I	MLS 325L	2	Hematology Lab
			MLS 478*	2	Clinical Microbiology I
			COMM 212	3	Interpersonal Communication
			MLS 487*	1	Medical Mycology
			MLS 301*	3	Immunology
			MLS 480	2	Clinical Immunohematology II
			BMB 301	3	Biochemistry
MDLT 1100	3	Intro to Laboratory Science	MLS 101	2	Orientation to MLS
MDLT 2320	4	Clinical-Hematology and Hemostasis	MLS 498	2	Clinical Hematology III
MDLT 1120	3	Immunology	MLS 494	1	Clinical Immunology
			MLS 489*	1	Clinical Body Fluids
MDLT 2120	3	Hematology II	MLS 488	2	Clinical Hematology II
MDLT 1115	3	Biological Fluids	MLS 485	1	Clinical Urinalysis II
			MLS 484	2	Clinical Microbiology II
			MLS 495	2	Clinical Microbiology III
MDLT 2110	2	Clinical Chemistry	MLS 481	2	Clinical Chemistry II
MDLT 2340	3	Clinical: Chemistry and Immunology	MLS 491	2	Clinical Chemistry III
			MLS 479*	2	Clinical Hematology I
			MLS 474*	2	Clinical Urinalysis I
			MLS 340*	2	Molecular Diagnostics
MDLT 1105	3	Microbiology	MLS 340L	1	Molecular Diagnostics Lab
			MGMT 300	3	Principles of Management
			MLS 234*	2	Human Parasitology
MDLT 1105	3	Microbiology	MLS 234L	1	Human Parasitology Lab
			MLS 477*/L*	1/1	Clinical Immunohematology I
MDLT 1115	3	Biological Fluids	MLS 472	1	Pre-Analytical Skills
			MLS 473*	2	Clinical Hemostasis
			MLS 492	2	Clinical Immunohematology III
MDLT 2320	4	Clinical-Hematology and Hemostasis	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.