

# Transfer Guide

## University of North Dakota and MN State 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.

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\*Indicates a course which must be taken at UND.

++Program approval required. [BIOL2230 and BIOL2232 must be completed in order to take the place of UND's ANAT204/L & PPT301]

Students must complete all MN State Community and Technical College program requirements in order to meet program specific (MLS prefix) course transfer equivalencies.

Students are encouraged to consult with advisors at MN State Community & Technical Colleges as well as UND to ensure consistent planning for degree completion.

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### MSCTC Course/Credits/Title

### UND Course/Credits/Title

#### I. Communication - COM

COMM 1100	3	Introduction to Public Speaking	COMM 110	3	Fundamentals of Public Speaking
ENGL 1101	3	College Writing I	ENGL 110	3	College Composition I
ENGL 1102	3	College Writing II	ENGL 130	3	Comp II: Writing for Public Audiences

#### II. Social Science - SS

Elective Credit**	6	Credit from at least two depts.	Elective Credit	3	Credit from at least two depts.
PSYC 1200	3	General Psychology	PSYC 111	3	Introduction to Psychology
SOC 1111	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

CHEM 1111	4	General Inorganic Chemistry I	CHEM 121/L	3/1	General Chemistry I/Lab
CHEM 1112	4	General Inorganic Chemistry II	CHEM 122/L	3/1	General Chemistry II/Lab
MATH 1114	4	College Algebra	MATH 103	3	College Algebra

#### Other Program Requirements

BIOL 1122	4	General Biology I	BIOL 150/L	3/1	General Biology I/Lab
BIOL 1123	4	General Biology II	BIOL 151/L	3/1	General Biology II/lab
BIOL 2260/2261	3/1	Human Anatomy & Physiology I/Lab (++)	ANAT 204/L	3/2	Anatomy for Paramedical Personnel/Lab
BIOL 2262/2263	3/1	Human Anatomy & Physiology II/Lab(++)	PPT 301	4	Human Physiology
BIOL 2267	3	Medical Microbiology	MBIO 202/L	3/2	Intro to Medical Microbiology/Lab
			MLS 301*	3	Immunology
			MLS 325*	3	Hematology
MLT 1215	3	Hematology	MLS 325L	2	Hematology Lab
			MLS 336*	1	Laboratory Calculations

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.

COMM 1140	3	Interpersonal Communication	COMM 212	3	Interpersonal Communication
MLT 2227	3	Clinical Chemistry and Immunology	MLS 491	2	Clinical Chemistry III
			MLS 489*	1	Clinical Body Fluids
MLT 2350	2	Professional Issues in MLT	MLS 380	1	Professional Issues in CLS
			MLS 394*	2	Medical Microbiology
			MLS 490*	3	Fin. & Quality Mgmt of the Clinical Lab
			MLS 471*	2	Clinical Chemistry I
			MLS 478*	2	Clinical Microbiology I
			MLS 479*	2	Clinical Hematology I
			BMB 301	3	Biochemistry
MLT 2232	3	Clinical Hematology & Coagulation	MLS 498	2	Clinical Hematology III
MLT 1225	2	Biological Fluids	MLS 472	1	Pre-Analytical Skills
			CHEM 340/L	4/1	Survey of Organic Chemistry/Lab
			MLS 340	2	Molecular Diagnostics
MLT 2150	2	Introduction to Molecular Diagnostics	MLS 340L	1	Molecular Diagnostics Lab
MLT 1115	2	Basic Laboratory Techniques	MLS 101	2	Orientation to MLS
			MLS 474*	2	Clinical Urinalysis I
MLT 1214	3	Hematology	MLS 483	1	Clinical Hemostasis II
MLT 2232	3	Clinical Hematology and Coagulation	MLS 488	2	Clinical Hematology II
MLT 2223	2	Clinical Urinalysis and Body Fluids	MLS 485	1	Clinical Urinalysis II
MLT 2227	3	Clinical Chemistry and Immunology	MLS 481	2	Clinical Chemistry II
			MLS 492*	2	Clinical Immunochemistry III
	3	Clinical Microbiology	MLS 484	2	Clinical Microbiology II
MLT 2315	2	Basic Immunology	MLS 494	1	Clinical Immunology
			MLS 480	2	Clinical Immunochemistry II
BUSN 2204	3	Principles of Management	MGMT 300	3	Principles of Management (program subs
			MLS 234	2	Human Parasitology
MLT 2265	4	Diagnostic Microbiology	MLS 234L	1	Human Parasitology Lab
			MLS 477*/L*	1/1	Clinical Immunochemistry I/Lab
			MLS 487*	1	Medical Mycology
			MLS 473*	2	Clinical Hemostasis
			MLS 495*	2	Clinical Microbiology III

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