

Transfer Guide

University of North Dakota and Alexandria Technical & Community College

Alexandria, 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.

*Indicates a course which must be taken at UND. ++ Program approval required.

(BIOL 1417 and BIOL 1419 must be completed in order to take the place of UND's ANAT 204/L & PPT 301; BIOL 1451 & BIOL 1452 must be completed in order to take the place of UND's BIOL 150/L & BIOL 151/L)

Students must complete all Alexandria Technical College MLT program requirements in order to meet program specific (MLS prefix) course transfer credit eq.

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

ATCC		Course/Credits/Title	UND		Course/Credits/Title
<u>I. Communication - COM</u>					
COMM 1415 or	3	Public Speaking	COMM 110	3	Fundamentals of Public Speaking
COMM 1425	3	Advanced Public Speaking	COMM 110	3	Fundamentals of Public Speaking
ENGL 1410	3	Composition I	ENGL 110	3	College Composition I
ENGL 1420	3	Composition II	ENGL 130	3	Comp II: Writing for Public Audiences
<u>II. Social Science - SS</u>					
Elective Credit	6	Credit from at least two depts.	Elective Credit	6	Credit from at least two depts.
PSYC 1445	3	General Psychology	PSYC 111	3	Introduction to Psychology
<u>III. Arts and Humanities - FA/HUM</u>					
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.					
<u>IV. Mathematics, Science & Technology - MST</u>					
BIOL 1450	4	General Biology I	BIOL 150/L	3/1	General Biology/Lab
BIOL 1452	4	General Biology II	BIOL 151/L	3/1	General Biology II/Lab
CHEM 1500	4	General Chemistry I	CHEM 121/L	3/1	General Chemistry I/Lab
CHEM 1505	4	General Chemistry II	CHEM 122/L	3/1	General Chemistry II/Lab
MATH 1420	3	College Algebra	MATH 103	3	College Algebra
<u>Other Program Requirements</u>					
BIOL 1417	4	Human Anatomy & Physiology I	ANAT 204	3	Anatomy for Paramedical Personnel
BIOL 1419	4	Human Anatomy & Physiology II	PPT 301	4	Human Physiology
			CHEM 340/L	4/1	Survey of Organic Chemistry/Lab
BIOL 2225 ++	3	Microbiology	MBIO 202	3	Intro to Medical Microbiology
<u>Other Requirements</u>					
			MLS 473*	2	Clinical Hemostasis I
			MLS 471*	2	Clinical Chemistry I

			MLS 490*	3	Financial and Quality Management
			MLS 478*	2	Clinical Microbiology I
MELT 2742	2	Clinical Chemistry	MLS 491	2	Clinical Chemistry III
MELT 2740	5	MLT Clinical Internship I	MLS 380	1	Professional Issues in CLS
			MLS 495	2	Clinical Microbiology III
			MLS 487*	1	Medical Mycology
			MLS 477*/L*	1/1	Clinical Immunohematology I
			MGMT 300	3	Principles of Management
			MLS 489*	1	Clinical Body Fluids
MELT 2740	5	MLT Clinical Internship I	MLS 498*	2	Clinical Hematology III
			MLS 325*	3	Hematology
MELT 1631	6	Hematology	MLS 325L	2	Hematology Lab
			MLS 234*	2	Human Parasitology
MELT 2601	5	Diagnostic Microbiology	MLS 234L	1	Human Parasitology Lab
			MLS 492	2	Clinical Immunohematology III
			MLS 474*	2	Clinical Urinalysis I
			MLS 340*	2	Molecular Diagnostics
MELT 2601	5	Diagnostic Microbiology	MLS 340L	1	Molecular Diagnostics Lab
			MLS 301*	3	Immunology
			BMB 301	3	Biochemistry
			COMM 212	3	Interpersonal Communication
MELT 1602	2	Basic Laboratory Techniques	MLS 101	2	Orientation to MLS
MELT 1606	2	Phlebotomy Skills	MLS 472	1	Pre Analytical Skills
			MLS 336	1	Laboratory Calculations
			MLS 394	2	Medical Microbiology
			MLS 480	2	Clinical Immunohematology II
MELT 2615	5	Diagnostic Chemistry	MLS 481	2	Clinical Chemistry II
MELT 1631	6	Hematology	MLS 483	1	Clinical Hemostasis II
			MLS 484	2	Clinical Microbiology II
MELT 2744	2	Clinical Hematology	MLS 488	2	Clinical Hematology II
MELT 1630	3	Biological Fluids	MLS 485	1	Clinical Urinalysis II
MELT 2607	3	Immunology	MLS 494	1	Clinical Immunology

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.