

Transfer Guide

University of North Dakota and Bismarck State College

Bismarck, ND

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 advisor. Students may call the Advising Office at 1-800-CALL-UND ext. 2634 or (701) 777-2634.

BIOL 220 and 221 must be completed in order to take the place of UND's ANAT 204/L and PPT 301/L.

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

BSC

Course/Credits/Title

UND

Course/Credits/Title

I. Communication - COM

COMM 110	3	Fundamentals of Public Speaking	COMM 110	3	Fundamentals of Public Speaking
ENGL 110	3	College Composition I	ENGL 110	3	College Composition I
ENGL 120	3	College Composition II	ENGL 130	3	Comp II: Writing for Public Audiences

II. Social Science - SS

ECON 201	3	Principles of Microeconomics	ECON 201	3	Principles of Microeconomics
PSY 111	3	Introduction to Psychology	PSYC 111	3	Introduction to Psychology
SOC 110	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 150/L	3/1	General Biology I/Lab	BIOL 150/L	3/1	General Biology I/Lab
BIOL 151/L	3/1	General Biology II/Lab	BIOL 151/L	3/1	General Biology II/Lab
CHEM 121/L	4/1	General Chemistry I/Lab	CHEM 121/L	3/1	General Chemistry I/Lab
CHEM 122/L	4/1	General Chemistry II/Lab	CHEM 122/L	3/1	General Chemistry II/Lab
MATH 103	4	College Algebra	MATH 103	3	College Algebra

Other Program Requirements

MLS 336	1	Laboratory Calculations
MLS 325/L	3/2	Hematology/Lab
MLS 301	3	Immunology
MLS 490	3	Financial & Quality Mgmt of the Clinical L
MLS 498	2	Clinical Hematology III
MLS 234/L	2/1	Human Parasitology/Lab
MLS 477/L	1/1	Clinical Immunohematology I/Lab
MLS 471	2	Clinical Chemistry I
MLS 478	2	Clinical Microbiology I
MLS 488	2	Clinical Hematology II

			MLS 481	2	Clinical Chemistry II
			MLS 492	2	Clinical Immunohematology III
			MLS 484	2	Clinical Microbiology II
			MLS 489	1	Clinical Body Fluids
			MLS 473	1	Clinical Hemostasis
			MLS 479	2	Clinical Hematology I
			MLS 487	1	Medical Mycology
			MLS 495	1	Clinical Microbiology
			MLS 480	2	Clinical Immunohematology II
			MLS 494	1	Clinical Immunology
			MLS 483	1	Clinical Hemostasis II
			MLS 474	2	Clinical Urinalysis I
			MLS 472	1	Pre-Analytical Skills
			BMB 301	3	Biochemistry
			MLS 340/L	2/1	Molecular Diagnostics/Lab
			MLS 380	1	Professional Issues in Clinical Lab Scien
			MLS 491	2	Clinical Chemistry III
			MLS 394	2	Medical Microbiology
BIOL 220/L	3/1	Anatomy & Physiology I	ANAT 204/L	3/2	Anatomy for Paramedical Personnel/Lab
BIOL 221/L	3/1	Anatomy & Physiology II	PPT 301	4	Human Physiology
BADM 202	3	Principles of Management	MGMT 300	3	Principles of Management
CHEM 241/L	5	Organic Chemistry I/Lab	CHEM 340/L	4/1	Survey of Organic Chemistry/Lab
COMM 212	3	Interpersonal Communication	COMM 212	3	Interpersonal Communication
MBIO 202	3	Microbiology	MBIO 202/L	3	Intro to Medical Microbiology
MLS 101	1	Intro to MLS	MLS 101	2	Orientation to Medical Laboratory Scienc

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.

Transfer Guide

University of North Dakota and Bismarck State College

Bismarck, ND

Degree: Bachelor of Science

Major: MEDICAL LABORATORY SCI for students who compete the MLT program at BSC

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Articulation Agreement is for students who complete the Medical Laboratory Technician program at BSC,

BIOL 220 and 221 must be completed in order to take the place of UND's ANAT 204/L and PPT 301.

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

BSC	Course/Credits/Title	UND	Course/Credits/Title
<u>I. Communication - COM</u>			
ENGL 110	3 College Composition I	ENGL 110	3 College Composition I
ENGL 120 or 125	3 College Composition II	ENGL 130	3 Comp II: Writing for Public Audiences
COMM 110	3 Fundamentals of Public Speaking	COMM 110	3 Fundamentals of Public Speaking
<u>II. Social Science - SS</u>			
ECON 201	3 Principles of Microeconomics	ECON 201	3 Principles of Microeconomics
PSY 111	3 Introduction to Psychology	PSYC 111	3 Introduction to Psychology
SOC 110	3 Introduction to Sociology	SOC 110	3 Introduction to Sociology
<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 150/L	4 General Biology I/Lab	BIOL 150/L	3/1 General Biology I/Lab
BIOL 151/L	4 General Biology II/Lab	BIOL 151/L	3/1 General Biology II/Lab
CHEM 121/L	4 General Chemistry I/Lab	CHEM 121/L	3/1 General Chemistry I/Lab
CHEM 122/L	4 General Chemistry II/Lab	CHEM 122/L	3/1 General Chemistry II/Lab
MATH 103	3 College Algebra	MATH 103	3 College Algebra
<u>Other Program Requirements</u>			
		MLS 480	2 Clinical Immunohematology II
		MLS 301	3 Immunology
		MLS 484	2 Clinical Microbiology II
		MLS 492	2 Clinical Immunohematology III
		MLS 479	2 Clinical Hematology I
		MLS 325L	2 Hematology Lab
		MLS 495	22 Clinical Microbiology III

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			MLS 474	2	Clinical Urinalysis I
			BMB 301	3	Biochemistry
			MLS 394	2	Medical Microbiology
			MLS 473	1	Clinical Hemostasis
			MLS 489	1	Clinical Body Fluids
			MLS 487	1	Medical Mycology
			MLS 477/L	1/1	Clinical Immunohematology I/Lab
			MLS 471	2	Clinical Chemistry I
			MLS 478	2	Clinical Microbiology I
			MLS 490	3	Financial & Quality Mgmt of the Clinical L
BADM 202	3	Principles of Management	MGMT 300	3	Principles of Management
BIOL 220/L	4	Anatomy & Physiology I	ANAT 204/L	3/2	Anatomy for Paramedical Personnel/Lab
BIOL 221/L	4	Anatomy & Physiology II	PPT 301	4	Human Physiology
MICR 202/L	3	Intro to Microbiology	MBIO 202	3	Intro to Medical Microbiology
BADM 202	3	Principles of Management	MGMT 300	3	Principles of Management
CHEM 241/241L	5	Organic Chemistry I/Lab	CHEM 340/L	4/1	Survey of Organic Chemistry /Lab
COMM 212	3	Interpersonal Communication	COMM 212	3	Interpersonal Communication
MLS 101	1	Introduction to MLS	MLS 101	2	Orientation to Medical Laboratory Scienc
MLS 103	3	Phlebotomy	MLS 472	1	Pre-Analytical Skills
MLS 115	1	Clinical Parasitology	MLS 234/L	2/1	Human Parasitology/Lab
MLS 201	4	Immunology	MLS 494	1	Clinical Immunology
MLS 205	1	Clinical Internship I	MLS 380	1	Professional Issues in Clinical Lab Scien
MLS 225	3	Hematology	MLS 325	3	Hematology
MLS 235	3	Clinical Chemistry I	MLS 481	2	Clinical Chemistry III
MLS 236	1	Clinical Chemistry II	MLS 336	1	Laboratory Calculations
MLS 245	3	Clinical Microbiology I	MLS 340/L	2/1	Molecular Diagnostics/Lab
MLS 255	12	Clinical Internship III	MLS 491	2	Clinical Chemistry III
MLS 255	12	Clinical Internship III	MLS 498	2	Clinical Hematology III
MLS 255	12	Clinical Internship III	MLS 488	3	Clinical Hematology II
MSL 255	12	Clinical Internship II	MLS 483	1	Clinical Hemostasis II

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