

MEDICAL LABORATORY TECHNOLOGY ARTICULATION AGREEMENT FOR
GRADUATES FROM ROCHESTER COMMUNITY COLLEGE WITH THE
UNIVERSITY OF NORTH DAKOTA
Rochester, MN

BC - Block credit for MLT Clinicals plus experience

- - Completed

⊗ - UND Correspondence, Winona State, U of Wyoming, or other accredited College

DL - UND (test out or distance learning)

SR – Clinical rotation

IL – Intensive Student lab/lecture

	FRESHMAN – Fall Semester		Credits
BC	Biol 150/150L	General Biology and Laboratory	4
-	Chem 121/121L	General Chemistry and Laboratory	4
-	Engl 110	College Composition	3
-	Math 103 or 104	College Algebra or Finite Math or calculus	<u>3</u>
		Credits	14
	FRESHMAN – Spring Semester		
BC	Bio 151	General Biology II	3
-	Chem 122/122L	General Chemistry II and Laboratory	4
-	Comm 110	Fundamentals of public Speaking	3
-	Engl 120 or 125	College Composition II or Technical and Business Writing	<u>3</u>
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		Credits	13
	SOPHOMORE – Fall Semester		Credits
BC	CLS 101	Orientation to Medical Laboratory Science	2
-	Anat 204	Anatomy for Paramedical Personnel	3
BC	Comm 210	Interpersonal Communications	3
-	Psy 111	Introduction to Psychology	3
⊗	Soc 110	Introduction to Sociology	3
⊗	Humanities	Elective (World Cultures)	<u>3</u>
		Credits	17
	SOPHOMORE – Spring Semester		
DL	CLS 234	Human Parasitology	1
DL	CLS 234L	Human Parasitology Laboratory	1
BC	CLS 238	Computer and statistical Application in Clinical Laboratory Science	2
⊗	Chem 240 and 240L	Survey Organic Chemistry and Laboratory	5
⊗	Econ 201	Principles of Microeconomics	3
⊗	Humanities	Elective	<u>3</u>
		Credits	15
	JUNIOR – Fall Semester		Credits
DL	CLS 325	Hematology	3
BC	CLS 325L	Hematology Laboratory	2
DL	CLS 336	Laboratory Calculation	1
-	MBio 202	Introductory Medical Microbiology Lecture	3
-	Phy 301	Human Physiology or Anatomy & Physiology 3-4 cr.	4
⊗	Phil XXX	Ethics or Contemporary Moral Issues	<u>3</u>
		Credits	16
	JUNIOR – Spring Semester		
	CLS 301	Immunology	2
BC	CLS 380	Professional Issues in Clinical Laboratory Science	1
BC	CLS 393	Immunohematology/Immunology Laboratory	2
DL	CLS 394	Medical Microbiology	2
⊗	Bich 301	Biochemistry (U of Wyoming Correspondence)	3
BC	Bich 303	Biochemistry Laboratory	3
⊗	Mgmt 300 or 305	Principles of Management or equivalent course	<u>3</u>
		Credits	16

CLINICAL LABORATORYSCIENCE PROGRAM (CLS) CURRICULUM CONTINUED...

SENIOR – Summer Semester			Credits
IL	CLS 470	Clinical Immunohematology I	1
IL	CLS 471	Clinical Chemistry Theory	2
IL	CLS 472	Clinical Laboratory	1
IL	CLS 473	Clinical Hemostasis	2
IL	CLS 474	Clinical Microscopy and Urinalysis	2
IL	CLS 475	Clinical Body Fluids	1
IL	CLS 477	Clinical Immunohematology Theory	1
IL	CLS 478	Clinical Microbiology Theory and Laboratory	2
		Credits	12

SENIOR – Fall Semester			Credits
BC	CLS 480	Clinical Immunohematology II	2
BC	CLS 481	Clinical Chemistry	3
IL	CLS 482	Clinical Hematology I	2
BC	CLS 483	Clinical Laboratory	1
BC	CLS 484	Clinical Microbiology I	2
BC	CLS 485	Clinical Laboratory III	1
BC	CLS 486	Clinical Immunology	1
IL	CLS 487	Medical Mycology	1
		Credits	13

SENIOR – Fall Semester			Credits
DL	CLS 490	Financial and Quality Management of the Clinical Laboratory	3
SR	CLS 491	Clinical Chemistry II	2
SR	CLS 492	Clinical Immunohematology III	2
SR	CLS 493	Clinical Hematology II	3
SR	CLS 495	Clinical Microbiology II	2
		Credits	12

TOTAL CREDITS130