

**Clinical Laboratory Sciences: Medical Technology Option
(For Students entering Fall 2010 and beyond)**

Freshman Year/Fall Semester			Cr.	Freshman Year/Spring Semester			Cr.
___35.101	Human Anatomy & Physiology I	3		___31.201	Community Health & Environment	3	
___35.103	Human Anatomy & Phys. I Lab	1		___35.102	Human Anatomy & Phys. II	3	
___42.101	College Writing I (Gen. Ed.)	3		___35.104	Human Anatomy & Phys. II Lab	1	
___47.101	General Psychology (Gen. Ed.) SS	3		___36.273	Intro. to Clinical Lab Sciences	2	
___48.101	Intro. to Sociology (Gen. Ed.) SS, D, E	3		___42.102	College Writing II (Gen. Ed.)	3	
___92.121	Pre-calculus Math (Gen. Ed.) Math	OR 3		___ . . .	(Gen. Ed.) Arts/Humanities Elec.	<u>3</u>	
___92.131	Calculus I	<u>4</u>				15	
		16/17					

Sophomore Year/Fall Semester			Cr.	Sophomore Year/Spring Semester			Cr.
___35.211	Basic Clinical Micro. & Pathology	3		___35.252	Physiological Chem. II	3	
___35.213	Basic Clinical Micro. & Path. Lab	1		___35.254	Physiological Chem. II Lab	1	
___35.251	Physiological Chemistry I	3		___36.241	Clinical Laboratory Theory	3	
___35.253	Physiological Chemistry I Lab	1		___36.243	Clinical Laboratory Theory Lab	1	
___ . . .	(Gen. Ed.) Arts/Humanities Elec.	3		___36.341	Organic React. & Structures	3	
___ . . .	(Gen. Ed.) Social Science Elec.	<u>3</u>		___36.343	Org. React. & Structures Lab	1	
		14		___ . . .	(Gen. Ed.) Arts/Humanities Elec.	<u>3</u>	
						15	

Junior Year/Fall Semester			Cr.	Junior Year/Spring Semester			Cr.
___36.321	Clinical Hematology	3		___36.311	Medical Bacteriology	3	
___36.323	Clinical Hematology Lab	2		___36.313	Medical Bacteriology Lab	2	
___36.350	Human Biochemistry	3		___36.331	Clinical Immunology	3	
___36.361	Clinical Lab Instrumentation	3		___36.351	Clinical Chemistry I	3	
___36.363	Clinical Lab Instrumentation Lab	2		___36.353	Clinical Chemistry I Lab	2	
___36.373	Clinical Lab Science Seminar	<u>1</u>		___36.420	Clinical Hematology Practicum	<u>2</u>	
		14				15	

Senior Year/Fall Semester			Cr.	Senior Year/Spring Semester			Cr.
___36.410	Clinical Micro. Practicum	2		___36.415	Clinical Virology/ Serology Lab	2	
___36.411	Medical Mycology & Parasitology	3		___36.416	Molecular Diagnostics Lab	1	
___36.413	Medical Mycology & Parasitology Lab	2		___36.430	Clinical Immunochem. Practicum	2	
___36.431	Clinical Immunochemistry	3		___36.450	Clinical Chemistry Practicum	2	
___36.433	Clinical Immunochemistry lab	2		___36.453	Lab Management and Ethics	2	
___36.434	Adv. Topics in Hemostasis	1		___36.474	Clinical Lab Science Seminar	1	
___36.451	Clinical Urinalysis Practicum	0		___35.435	Medical & Clinical Genetics	<u>3</u>	
___36.452	Clinical Chemistry II	3				13	
___36.454	Clinical Chemistry II Lab	<u>2</u>					
		18					

Minimum Total Credits = 120

Consult the General Education Program Course Website: <http://www.unl.edu/gened> for General Education requirements. The General Education Electives may be taken in any order.

- All students must come for **Pre-registration Advising** every semester.
- All students must have **transportation** for off-campus practicum during junior and senior year.
- All students must have current **CPR certification and immunization** documentation report on file with department prior to the beginning of their junior year.