

# BISMARCK STATE COLLEGE

## Clinical or Medical Laboratory Technician Curriculum Guide

### Graduation Catalog 2009-2011 Associate in Science

<b>Freshman</b>		<b>CR</b>	<b>GR</b>
CLS 103	Phlebotomy	3	
CLS 100 <b>or</b> BIOL 220/220L <b>and</b> BIOL 221/221L	Human Structure and Function <b>or</b> Anatomy & Physiology I/Lab <b>and</b> Anatomy & Physiology II/Lab	4-8	
CHEM 115/115L <b>or</b> CHEM 121/121L	Introductory Chemistry/Lab <b>or</b> General Chemistry I/Lab	5	
CHEM 116/116L	Introduction to Organic & Biochemistry/Lab	5	
CLS 113	Urinalysis	1	
CLS 115	Clinical Parasitology	1	
*MATH 103	College Algebra	4	
CLS 101	Intro to Medical Laboratory Science	1	
ENGL 110	College Composition I	3	
MICR 202/202L	Introductory Microbiology/Lab	4	
CLS 201	Immunology	4	
CLS 225	Hematology	3	
<b>Total Credits</b>		<b>38-42</b>	

\*Higher level Math may be selected

<b>Summer</b>		<b>CR</b>	<b>GR</b>
CLS 235	Clinical Chemistry I	3	
CLS 245	Clinical Microbiology I	3	
CLS 205	Clinical Internship I	1	
CLS 215	Clinical Internship II	2	
<b>Total Credits</b>		<b>9</b>	

<b>Sophomore</b>		<b>CR</b>	<b>GR</b>
ENGL 125	Introduction to Professional Writing	3	
COMM 110	Fundamentals of Public Speaking	3	
PSYC 111	Introduction to Psychology	3	
CLS 236	Clinical Chemistry II	1	
CLS 240	Immunohematology	3	
CLS 246	Clinical Microbiology II	1	
CLS 255	Clinical Internship III	12	
Enrichment 1.		2	
Arts & Humanities Electives 1.		3	
2.		3	
Social & Behavioral Science Elective 1.		3	
<b>Total Credits</b>		<b>37</b>	

**Diversity Requirement (3 credits)** - If a course is used to fulfill a general education requirement in Arts & Humanities or Social & Behavioral Sciences, it may be used to fulfill the diversity requirement as well. Courses that complete this requirement are listed in the BSC catalog and are marked with a **(D)** on the Curriculum Guide.

**TOTAL CURRICULUM CREDITS**

**84-88**