



**Medical Laboratory Science Sample Curriculum Plan  
Bachelor of Health Science degree  
122 Total Degree Hours**

Course	Fall Trimester	Hours	Course	Spring Trimester	Hours
BIO 110	General Biology I (or A &P)	4	BIO 120	General Biology II (or A & P)	4
ENG 101	English Composition I	3	ENG 102	English Composition II	3
MAT 110	College Algebra	3	CHE 115	General Chemistry I	4
PSY 201	General Psychology	3	COM 211	Speech Fundamentals or	
HSC 104	Baptist College Experience	1		COM 220 Intercultural Communication	3
<b>Term 1</b>	<b>14 Total credit hours</b>		<b>Term 2</b>	<b>14 Total credit hours</b>	

Course	Summer Trimester	Hours	Course	Fall Trimester	Hours
BIO 390	Immunology	3	BIO 205	Microbiology	4
ENG	Literature Elective	3	PHI	Philosophy	3
			CHE 210	Organic Chemistry I	4
CHE 125	General Chemistry II	4	SOC 201	Medical Sociology	3
<b>Term 3</b>	<b>10 Total credit hours</b>		<b>Term 4</b>	<b>14 Total credit hours</b>	

Course	Spring Trimester	Hours	Course	Fall Trimester	Hours
HSC 301	US Health Care Systems	3	MLS 302	Urinalysis	3
AHS 202	Medical Terminology	2	MLS 307	Clinical Immunology	3
CHE 220	Organic Chem II or Biochem	4	MLS 311	Coagulation	2
REL	Religion Elective	3	MLS 315	Hematology I	3
BIO 401	Special Topics in Biology**	1	MLS 322	Clinical Lab Tech	2
			MLS 340	Intro to Clinical Practicum	3
<b>Term 5</b>	<b>13 Total credit hours</b>		<b>Term 6</b>	<b>16 Total credit hours</b>	

\*\*Optional-Students must complete 16 hours in Natural Sciences

Course	Spring Trimester	Hours	Course	Summer Trimester	Hours
MLS 327	Clinical Microbiology	6	MLS 400	Molecular Diagnostics	2
MLS 330	Hematology II	3	MLS 405	Clinical Chemistry	6
MLS 335	Immunoematology	6	MLS 410	Clinical Practicum I	5
			MLS 437	Clinical Parasitology/Mycology/Virology	3
<b>Term 7</b>	<b>15 Total credit hours</b>		<b>Term 8</b>	<b>16 Total credit hours</b>	

Course	Fall Trimester	Hours
MLS 417	Senior Seminar	2
MLS 427	Lab Mgmt and Research	3
MLS 430	Clinical Practicum II	5
<b>Term 9</b>	<b>10 Total credit hours</b>	