

**Medical Laboratory Science Sample Curriculum Plan
Bachelor of Health Science degree
120 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
Term 1	14 Total credit hours		Term 2	14 Total credit hours	

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
Term 3	10 Total credit hours		Term 4	14 Total credit hours	

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 310	Coagulation	3
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
Term 5	13 Total credit hours		Term 6	17 Total credit hours	

**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 331	Hematology II	4	MLS 405	Clinical Chemistry	6
MLS 335	Immunohematology	6	MLS 411	Clinical Practicum I	3
			MLS 437	Clinical Parasitology/Mycology/Virology	3
Term 7	16 Total credit hours		Term 8	14 Total credit hours	

Course	Fall Trimester	Hours
MLS 417	Senior Seminar	2
MLS 427	Lab Mgmt and Research	3
MLS 431	Clinical Practicum II	3
Term 9	8 Total credit hours	

Degree Plan Subject to Change

Revised 5.4.16, 7.19.17, 2.6.18, 11.4.19, 5.4.22-Effective 2022

NOTE: All General Education courses except HSC 104, HSC 301, and SOC 201 are required to be completed prior to beginning MLS professional courses. All courses have to be successfully completed to be granted the B.H.S. degree