

Medical Laboratory Technician A.A.S. to Medical Laboratory Science B.H.S. 4-year degree plan Sample Curriculum Plan 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	SPE 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	ENG/PHI	Philosophy/Humanities/Fine Arts	3
HUM/Fine Arts	Humanities/Fine Arts Elective	3	CHE 210	Organic Chemistry I	4
CHE 125	General Chemistry II	4	SOC 201	Intro to Medical Sociology	3
Term 3	13 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 301	Urinalysis	2
SOC	Social Science Elective	3	MLS 306	Clinical Immunology	2
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 320	Clinical Lab Tech	1
			MLS 340	Intro to Clinical Practicum	3
			MLS 410	Clinical Practicum I	5
Term 5	14 Total credit hours		Term 6	Block credit-18 Total credit hours	
				Block credit awarded if eligible	

^{**}Optional-Students must complete 16 hours in Natural Sciences

Course	Spring Trimester	Hours	Course	Summer Trimester	Hours
MLS 326	Clinical Microbiology	5	MLS 400	Molecular Diagnostics	2
MLS 330	Hematology II	3	MLS 405	Clinical Chemistry	6
MLS 335	Immunohematology	6			
Term 7	14 Total credit hours		Term 8	8 Total credit hours	

Course	Fall Trimester	Hours	
MLS 416	Simulated Methods	2	
MLS 421	Clinical Seminar	2	
MLS 426	Lab Mgmt and Research	2	
MLS 430	Clinical Practicum II	5	
MLS 436	Clinical Parasitology/Mycology	2	
Term 9	13 Total credit hours		

Degree Plan Subject to Change