

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

Fall Trimester

Course	Course Name	Hours
BIO 110/201	General Biology I or Anat and Phy I	4
ENG 101	English Composition I	3
MAT 110/240	College Algebra/Elements of Calculus	3
PSY 201	General Psychology	3
HSC 104	Baptist College Experience	1
Total Credit Hours		14

Spring Trimester

Course	Course Name	Hours
BIO 120/202	General Biology II or Anat & Phy II	4
ENG 102	English Composition II	3
CHE 115	General Chemistry I	4
COM 211/220	Speech/Intercultural Communication	3
Total Credit Hours		14

Summer Trimester

Course	Course Name	Hours
BIO 390	Immunology	3
ENG	Literature Elective	3
HUM/Fine Arts	Humanities or Fine Arts Elective	3
CHE 125	General Chemistry II	4
Total Credit Hours		13

Fall Trimester

Course	Course Name	Hours
BIO 205	Microbiology	4
PHI	Philosophy Elective	3
CHE 210	Organic Chemistry I	4
SOC 201	Medical Sociology	3
Total Credit Hours		14

Spring Trimester

Course	Course Name	Hours
HSC 301	U.S. Health Care Systems	3
PSY/SOC	Social Science or Psychology Elective	3
CHE 220	Organic Chem II or Higher Lev Chem	4
REL	Religion Elective	3
BIO 401	Special Topics in Biology**	1
Total Credit Hours		14

Fall Trimester

Course	Course Name	Hours
MLS 301	Urinalysis	2
MLS 306	Clinical Immunology	2
MLS 311	Coagulation	2
MLS 315	Hematology I	3
MLS 320	Clinical Laboratory Techniques	1
MLS 340	Introduction to Clinical Practicum	3
Total Credit Hours		13

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

Spring Trimester

Course	Course Name	Hours
MLS 326	Clinical Microbiology	5
MLS 330	Hematology II	3
MLS 335	Immunohematology	6
Total Credit Hours		14

Summer Trimester

Course	Course Name	Hours
MLS 400	Molecular Diagnostics	2
MLS 405	Clinical Chemistry	6
MLS 410	Clinical Practicum I	5
Total Credit Hours		13

Fall Trimester

Course	Course Name	Hours
MLS 416	Simulated Methods	2
MLS 421	Clinical Seminar	2
MLS 426	Lab Management and Research	2
MLS 430	Clinical Practicum II	5
MLS 435	Clinical Parasitology/Mycology	2
Total Credit Hours		14