PROGRAM REQUIREMENTS – MEDICAL LABORATORY SCIENCE

MEDICAL LABORATORY SCIENCE COURSES

MLSC 301 Phlebotomy/Safety	2
MLSC 310 Intro to Hematology/Hemostasis	2
MLSC 311 Intro to Clinical Chemistry	3
MLSC 314 Intro to Immunohematology	2
MLSC 315 Fundamentals of MLS	2
MLSC 317 Mycology/Parasit/Virology	4
MLSC 320 Preclinical seminar	1
MLSC 321 Clinical Seminar I Education	1
MLSC 322 Clinical Seminar II Mgmt	1
MLSC 332 Medical Bacteriology	4
MLSC 380 Phlebotomy rotation	1
MLSC 410 Advanced Hematology	2
MLSC 411 Advanced Clinical Chemistry	2
MLSC 414 Advanced Immunohematology	2
MLSC 420 Clinical Heme Lab Rotation	4
MLSC 421 Clinical Chem Lab Rotation	5
MLSC 422 Clinical Micro Lab Rotation	4
MLSC 424 Clinical Immunohematology Laboratory Rotation	3
MLSC 431 Clinical Correlations	2
MLSC 432 Research	1
MLSC 441 Immunology	4

SCIENCE FOUNDATION COURSES

BIOL 102	General Biology II	4
BIOL 211	General Physiology	4
BIOL 320	Microbiology	4
BIOL 380	Molecular Diagnostics	3
BIOL 443	Molecular Biology	3
MATH 203/203B	Biostatistics	4
CHEM 205	Organic Chemistry I	4
CHEM 206	Organic Chemistry II	4
CHEM 302	Analytical Methods	4
CHEM 360	Biochemistry	3
CHEM 380	Physiologic Chem	3
.		
		40

GENERAL EDUCATION REQUIREMENTS

ENGL 101	English Composition	3
FYS 101	First Year Seminar	3
MATH 109	Precalculus	4
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
PHIL 110	Healthcare Ethics	3
HUM	Humanities Core	3
PSYC 380SS	Biological Psychology	3
SOSC	Social Science Core	3
FA	Fine Arts Core	3
CAPS 390	Capstone	3
		36

Total Semester Hours_____ 128