

**Curriculum for Medical Laboratory Science
Clinical Laboratory Science area of emphasis**

Junior Year—Fall

Fall Semester	Hrs.
PATH 300 Introduction to Pathology	3
PATH 320 Basic Clinical Biochemistry	3
PSIO 441 Mechanisms of Body Function	4
PATH 380 Introduction to Immunology	1
PATH 303 Laboratory Applications	2
GEF	3
Total	16

Junior Year—Spring

Spring Semester	Hrs
PATH 340 Introduction to Hematology	3
IMMB 327 Microbial Parasitology	2
MICB 323 Microbiology	5
PATH 310 Clinical Laboratory Mycology	1
PATH 329 Basic Clinical Chemistry	2
PATH 381 Research, Educational Methodology	2
PATH 470 Clinical Microscopy	1
PATH 472 Urinalysis/Body Fluids Laboratory	1
Total	17

Senior Year—Summer

	Hrs
PATH 440 Hematology	3 (with lab)
Total	3

Senior Year—Fall

	Hrs
PATH 450 Clinical Microbiology*	3 (with lab)
PATH 420 Immunohematology and Bld. Banking*	3 (with lab)
PATH 430 Clinical Chemistry*	3 (with lab)
PATH 480 Clinical Immunology*	2
PATH 465 Laboratory Management*	2
Total	13

Senior Year—Spring

	Hrs
PATH 403 Community Service Practicum	1
PATH 475 Medical Relevance	3
PATH 421 Immunochem. & Blood Bank Lab.	3
PATH 451 Clinical Microbiology Laboratory	3
PATH 431 Clinical Chemistry Laboratory	3
PATH 441 Clinical Hem./Microscopy Lab	3
PATH 401 Phlebotomy	1
PATH 481 Immunology Laboratory	1
Total	18

TOTAL 67 Hours

Core MLS courses are highlighted in yellow.