

Bachelor of Science.....Major Code ML00

Medical Lab Science Applicant Code ML01

Medical Laboratory Science

General Education CORE 42 Requirements 42* 32

UE 100 First Year Experience** 1

Biology Requirements 25-27

BIO 121 Human Anatomy and Physiology I* 4

BIO 221 Human Anatomy and Physiology II*** 5

BIO 231 General and Medical Microbiology*** 5

BIO 305 Genetics*** 4

BIO 456 Immunology*** 4

And one of the following three courses:..... 3-5

BIO 362 Virology*** (3)

BIO 442 Pathogenic Bacteriology*** (5)

BIO 308 Pathophysiology*** (4)

Chemistry Requirements 24

CHEM 140 General Chemistry I* 3 ... was CHEM 151

CHEM 141 General Chemistry I Lab 1

CHEM 142 General Chemistry II 5 ... was CHEM 152

CHEM 201 Analytical Chemistry I*** 5

CHEM 301 Organic Chemistry I*** 5

CHEM 350 Biochemistry*** 3

CHEM 355 Biochemical Techniques 2

Other Requirements 9

PHYS 160 Elementary College Physics I* 4 ... was PHYS 151 5 cr hrs

MATH 140 Algebra and Trigonometry* 5

400 Level Medical Lab Science Courses (at Hospital)..... **32**

Total Hours..... 123-125

*BIO 121 and CHEM 140 or PHYS 160 satisfy CORE 42 area 3A&B (7 hours), MATH 140 satisfies CORE 42 area 4 (3 hours)

**Degree Requirement H, may also be met by HNRS 101 (2 credit hours)

***See course descriptions for prerequisites.

Updated 4/6/18 to reflect CORE 42 and science course # changes