



Medical Laboratory Science Curriculum Certificate

General Studies credits = 38 (obtained from the Biology degree)

Medical Laboratory Science credits: 45

Biology students or graduates that are interested in working in the Clinical Laboratory can use this certificate to sit for the ASCP Board of Registry Exam.

WLU MLS Department requires the following to be considered.

- A Minimum of a 2.75 GPA
- Biology seniors or graduates are preferred.
- Immunology required – (BIO 317 or CLS 380 & 381)
- Molecular required – (BIO 208,460 or CLS 415,416)
- Organic Chemistry
- All completed General Education requirements.

First Semester (Fall):

CLS 300 Clinical Hematology I	4
CLS 301 Clinical Hematology I Lab	1
CLS 340 Clinical Biochemistry I	3
CLS 341 Clinical Biochemistry I Lab	1
CLS 360 Clinical Microbiology I	3
CLS 420 Laboratory management	1
<u>CLS 361 Clinical Microbiology I Lab</u>	<u>2</u>
Total:	15

Second Semester (Spring):

CLS 302 Clinical Hematology II	3
CLS 320 Analysis of Body Fluids	3
CLS 321 Analysis of Body Fluids	1
CLS 342 Clinical Biochemistry	2
CLS 372 Clinical Microbiology II	3
CLS 373 Clinical Microbiology II lab	1
CLS 375 Immunohematology	3
<u>CLS 376 Immunohematology</u>	<u>1</u>
Total:	17

Third Semester (Summer):

Clinical Rotations: 411,441,461,471,483	8
CLS 400	4
<u>CLS 455</u>	<u>1</u>
Total	13