



## 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
<u>CLS 361 Clinical Microbiology I Lab</u>	<u>2</u>
<b>Total:</b>	<b>14</b>

### 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
CLS 376 Immunohematology	1
<u>CLS 420 Laboratory management</u>	<u>1</u>
<b>Total:</b>	<b>18</b>

### Third Semester (Summer):

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