

**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):**  **Second Semester (Spring):**

CLS 300 Clinical Hematology I 4 CLS 302 Clinical Hematology II 3

CLS 301 Clinical Hematology I Lab 1 CLS 320 Analysis of Body Fluids 3

CLS 340 Clinical Biochemistry I 3 CLS 321 Analysis of Body Fluids 1

CLS 341 Clinical Biochemistry I Lab 1 CLS 342 Clinical Biochemistry 2

CLS 360 Clinical Microbiology I 3 CLS 372 Clinical Microbiology II 3

CLS 361 Clinical Microbiology I Lab 2 CLS 373 Clinical Microbiology II lab 1

 **Total: 14**  CLS 375 Immunohematology 3

 CLS 376 Immunohematology 1

 CLS 420 Laboratory management 1

 **Total: 18**

**Third Semester (Summer):**

Clinical Rotations: 411,441,461,471,483 8

 CLS 400 4

 CLS 455 1 **Total 13**