Bachelor of Science  
Clinical Laboratory Science  
Professional Curriculum

### Fall Semester — Professional Year 1
- CLS 3090 Professional Practice I: 2 cr.
- CLS 3100 Clinical Microscopy Lecture/Lab: 3 cr.
- CLS 3080 Instrumentation Lec/Lab: 4 cr.
- CLS 5500 Immunology & Serology: 2 cr.
- CLS 5505 Immunology Lab: 1 cr.
- CLS 3330 Medical Terminology: 1 cr.

**Semester Total Credits: 13**

### Fall Semester — Professional Year 2
- CLS 4210 Hemostasis Lecture/Lab: 1 cr.
- CLS 4230 Hematology II: 3 cr.
- CLS 5520 Diagnostic Microbiology II: 4 cr.
- CLS 5070 Clinical Pathology Correlation: 2 cr.
- MS 5020 Biochemistry: Pathophysiology: 3 cr.

**Semester Total Credits: 13**

### Winter Semester — Professional Year 1
- CLS 3020 Hematology Lecture/Lab: 4 cr.
- CLS 3280 Clinical Chemistry Lecture/Lab: 4 cr.
- CLS 5993 Writing Intensive Course: 0 cr.
- CLS 5510 Diagnostic Microbiology I (with lab): 4 cr.
- CLS 4040 Professional Practice II: 2 cr.

**Semester Total Credits: 14**

### Winter and Spring/Summer Semester —

### Spring/Summer Semester — Professional Year 1
- CLS 3040 Immunohematology Lecture/Lab: 4 cr.
- CLS 5550 Molecular Diagnostics: 3 cr.

**Semester Total Credits: 7**

### Professional Program Total Credits: 63

The Clinical Laboratory Science Program is accredited by:  
**NAACLS**  
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