

# MEDICAL LABORATORY SCIENCE, BS

## Course Sequencing

### First Year

Fall		Hours
USSE 1201	University Seminar	2
ENGL 1301	Writing and Rhetoric I	3
BIOL 1406	Biology I	4
CHEM 1411	General Chemistry I	4

**Hours 13**

### Spring

ENGL 1302	Writing and Rhetoric II	3
or COMM 1311	or Foundation of Communication	
CHEM 1412	General Chemistry II	4
BIOL 1407	Biology II	4
Language, Philosophy and Culture Core		3

**Hours 14**

### Second Year

#### Fall

MATH 1442	Statistics for Life	4
CHEM 3411	Organic Chemistry I	4
BIOL 2421	Microbiology	4

**Hours 12**

#### Spring

POLS 2306	State and Local Government	3
HIST 1301	U.S. History to 1865	3
BIOL 2416	Genetics	4
CHEM 3412	Organic Chemistry II	4

**Hours 14**

### Third Year

#### Fall

POLS 2305	U.S. Government and Politics	3
HIST 1302	U.S. History Since 1865	3
Social and Behavioral Sciences Core Requirement		3
Creative Arts Core Requirement		3

**Hours 12**

#### Spring

CHEM 4401	Biochemistry I	4
CLSC 3300	Clinical Immunology and Serology	3
Elective		3

**Hours 10**

### Fourth Year

#### Fall

CLSC 3102	Essentials Laboratory for Clinical Laboratory Science	1
CLSC 3200	Essentials for Applied Laboratory Sciences	2
CLSC 4325	Clinical Chemistry I	3
CLSC 4430	Immunohematology	4
CLSC 4370	Clinical Microbiology I	3

CLSC 4220	Hematology II	2
<b>Hours</b>		<b>15</b>

### Spring

CLSC 4297	Professional Practicum I	2
CLSC 4326	Clinical Chemistry II	3
CLSC 4371	Clinical Microbiology II	3
CLSC 4280	Introduction to the Clinical Laboratory Profession	2
CLSC 4382	Advanced Medical Laboratory Procedures	3
CLSC 4420	Hematology	4

**Hours 17**

### Summer

CLSC 4200	Professional Skills for Clinical Laboratory Scientists	2
CLSC 4598	Professional Practicum II	5
CLSC 4599	Professional Practicum III	5
CLSC 4182	Seminar – Clinical Correlations	1

**Hours 13**

**Total Hours 120**