

# CLINICAL LABORATORY SCIENCE, BS

## Course Sequencing

### First Year

Fall		Hours
UNIV 1101	University Seminar I	1
ENGL 1301	Writing and Rhetoric I	3
BIOL 1406	Biology I	4
CHEM 1411	General Chemistry I	4
<b>Hours</b>		<b>12</b>
Spring		
UNIV 1102	University Seminar II	1
ENGL 1302	Writing and Rhetoric II or COMM 1311 or Foundation of Communication	3
CHEM 1412	General Chemistry II	4
BIOL 1407	Biology II	4
<b>Hours</b>		<b>12</b>

### Second Year

Fall		Hours
MATH 1442	Statistics for Life	4
CHEM 3411	Organic Chemistry I	4
BIOL 2421	Microbiology	4
<b>Hours</b>		<b>12</b>
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
<b>Hours</b>		<b>14</b>

### Third Year

Fall		Hours
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
<b>Hours</b>		<b>12</b>
Spring		
BIMS 4406	Immunology	4
CHEM 4401	Biochemistry I	4
Language, Philosophy & Culture Core Requirement		3
Elective		3
<b>Hours</b>		<b>14</b>

### Fourth Year

Fall		Hours
CLSC 3102	Essentials Laboratory for Clinical Laboratory Science	1
CLSC 3200	Essentials for Applied Laboratory Sciences	2
CLSC 4420	Hematology	4
CLSC 4430	Clinical Immunology	4
CLSC 4325	Clinical Chemistry I	3

CLSC 4370	Clinical Microbiology I	3
<b>Hours</b>		<b>17</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 4120	Hemostasis	1
CLSC 4382	Advanced Medical Laboratory Procedures	3
<b>Hours</b>		<b>14</b>
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
<b>Hours</b>		<b>13</b>
<b>Total Hours</b>		<b>120</b>