

**BELLARMINE UNIVERSITY**  
**Bachelor of Health Science in Clinical Laboratory Science**  
**Suggested program for Laboratory Practitioners**

<b>Year 1 FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>	<b>Course #</b>	<b>Course Title</b>	
IDC 100	Freshman Focus	1	IDC 101	Freshman Seminar	
ENG 101	Expository Writing	3	CLS 210	Safety and Phlebotomy	
MATH 116	Elem. Functions & Coord. Geometry	3	PHIL 160	Introduction to Philosophy	
BIO 108	Human Anatomy and Physiology I	4	BIO 109	Human Anatomy and Physiol II	
CHEM 103	General Chemistry I	4	CHEM 104	General Chemistry II	
CLS 101	Pre-CLS Seminar	1			
		<b>Term Credits</b>			<b>Term Credits</b>
		<b>16</b>			<b>16</b>
<b>Year 2 FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
IDC 200	US Experience	3	ENG 200	Reading Literature	
GEN ED	History	3	GEN ED	Fine Arts or Music	
THEO 200	Ultimate Questions	3	BIO 231	Cell Biology	
CHEM 205	Organic Chemistry I	4	PHIL 301	Ethics	
GEN ED	Social Science	3	IDC 301	Transcultural Experience	
		<b>Term Credits</b>			<b>Term Credits</b>
		<b>16</b>			<b>16</b>
<b>Year 3 FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
CLS 464	Immunology	3	CLS 460	Medical Microbiology	
CLS 301	Orientation to CLS	1	CLS 461	Medical Microbiology Lab	
CLS 472	Hematology	3	CLS 462	Mycology Virology Parasitology	
CLS 473	Hematology Laboratory	2	CLS 468	Immunoematology	
CLS 474	Hematopathology	4	CLS 469	Immunoematology Lab	
THEO 3XX	Theology	3	CLS 481	CLS Seminar	
			CLS 450	Molecular Techniques	
		<b>Term Credits</b>			<b>Term Credits</b>
		<b>16</b>			<b>16</b>
<b>Year 3 SUMMER SEMESTER</b>					
CLS 466	Clinical & Molecular Immunology	3			
CLS 467	Clinical & Molecular Immunology Lab	1			
CLS 459	Body Fluids	3			
CLS 435	Leadership & Management	3			
CLS 482	CLS Seminar	1			
		<b>Term Credits</b>			
		<b>11</b>			
<b>Year 4 FALL SEMESTER</b>			<b>SPRING SEMESTER</b>		
IDC 401	Senior Seminar	3	CLS 490	Clinical Internship	
CLS 476	Clinical Chemistry I	3	CLS 485	CLS Senior Capstone Project	
CLS 477	Clinical Chemistry Lab	2	CLS 491	Comprehensive CLS Exam	
CLS 478	Clinical Chemistry II	3			<b>Term Credits</b>
BIO 300	Pathophysiology	4			
CLS 483	Seminar	1			
		<b>Term Credits</b>			
		<b>16</b>			
			<b>Total Credits for Degree:</b>		

<b>Credits</b>
3
1
3
4
4
<b>15</b>
3
3
4
3
3
<b>16</b>
3
3
4
3
3
1
2
<b>19</b>
14
2
1
<b>17</b>
<b>142</b>