



# Eureka College 2018-2019 Catalog

## Major in Clinical Laboratory Science

Complete 120 semester hours of graduation-eligible credit.

Clinical Lab Science Major		Gr	Cr
BIO141W	Principles of Biology I		4
BIO142	Principles of Biology II		4
BIO320	Microbiology		4
BIO325	Immunology (Every 3rd Yr)		4
BIO360W	Genetics		4
BIO370	Physiology (Every 3rd Yr)		4
CHM250	Quantitative Analysis		4
Choose one of the following:			
<ul style="list-style-type: none"> <li>• CHM321 – Biochemistry I [3]</li> <li>• CHM421 – Biochemistry II [3]</li> </ul>			
			3
CHM345	Instrumental Analysis		4
Required Supporting Courses			
CHM131	General Chemistry I		4
CHM132	General Chemistry II		4
CHM220	Organic Chemistry I		4
CHM221	Organic Chemistry II		4
HED179	First Aid, CPR, and Injury Preve		1
MAT265	Quantitative Methods I		3
Fourth Year at OSF			
	Clinical Chemistry I (Lecture and Lab)		6
	Clinical Chemistry II (Lecture and Lab)		3
	Clinical Hematology (Lecture and Lab)		5
	Clinical Hemostasis (Lecture and Lab)		1
	Clinical Immunohematology (Lecture / Lab)		4
	Clinical Immunology (Lecture and Lab)		3
	Clinical Microbiology I (Lecture and Lab)		5
	Clinical Microbiology II (Lecture and Lab)		3
	Special Topics in Clinical Laboratory Science		1
	Clinical Management and Education		1
<b>TOTAL</b>			<b>87</b>

Complete one of the following options:		
<input type="radio"/> Completion of a second major:		
<input type="radio"/> Completion of a minor:		
<input checked="" type="radio"/> 12 Credits Outside of Major at 200+Level	Gr	Cr
Clinical Chemistry I (Lecture and Lab)		-
Clinical Hematology (Lecture and Lab)		-
Clinical Hemostasis (Lecture and Lab)		-
Clinical Immunohematology (Lecture & Lab)		-
Clinical Immunology (Lecture and Lab)		-
<b>TOTAL</b>		<b>-</b>

General Education Capabilities	Date Met
<i>Justice and Civic Responsibility [JCR]</i>	
<i>Aesthetic Sensibility [AS]</i>	
<i>Analytical Inquiry &amp; Problem Solving [AIPS]</i>	
<i>Communication [CO]</i>	
<i>Health, Fitness, and Well-Being [HFWB]</i>	
<i>Intercultural Understanding [IU]</i>	
<i>Scientific Literacy [SL]</i>	
<i>Spiritual Engagement / Examined Life [SEEL]</i>	
<i>Sustainable Practices &amp; Environmental Conscience [SP]</i>	
<i>Ethical Reasoning [ER]</i>	
ECC490 Ethical Reasoning Seminar	
<b>TOTAL CAPABILITIES COMPLETED (Not Credits)</b>	<b>10</b>

Writing Requirement	Gr	Cr
ENG103W Academic Writing & Research		3
ENG301W Adv. Academic Writing & Rsrch		3
BIO360W Genetics		-
BIO141W Principles of Biology I		-
<b>TOTAL</b>		<b>6</b>