

B.S. CLINICAL LABORATORY SCIENCE (Medical Technology)

The CLS program consists of a minimum of 90 credit hours at Bloomsburg University, followed by one calendar year (30 credit hours) of clinical education. See your advisor for a list of clinical affiliates.

Biology Core Requirement (22 cr hrs)			Chemistry Requirement (16 cr hrs)				
50-107	Medical Terminology	1	<input type="checkbox"/>	52-115	Chem for the Sciences I	4	<input type="checkbox"/>
50-114	Concepts in Biology I	4	<input type="checkbox"/>	52-116	Chem for the Sciences II	4	<input type="checkbox"/>
50-242	Microbiology	4	<input type="checkbox"/>	52-230	Fund Organic Chemistry	4	<input type="checkbox"/>
50-271	Cell Biology	4	<input type="checkbox"/>	52-341	Biochemistry	4	<input type="checkbox"/>
50-233	Human Genetics	OR		Mathematics Requirement (6 cr hrs)			
50-333	Molecular Biology	3	<input type="checkbox"/>				
50-342	Medical Microbiology	3	<input type="checkbox"/>	53-141	Intro Statistics	3	<input type="checkbox"/>
50-343	Immunology	3	<input type="checkbox"/>	56-110	Intro Computer Science	3	<input type="checkbox"/>

Clinical Requirement (30 cr hrs)		
86-401	Clinical Microbiology	6-10 credits
86-402	Clinical Hematology/Coagulation	6-10 credits
86-403	Clinical Chemistry	6-10 credits
86-404	Clinical Immunohematology	3-6 credits
86-405	Clinical Immunology/Serology	2-4 credits
86-406	Clinical Seminar	1-6 credits

General Education Requirements

Two cultural diversity courses (6 cr hr) are required. These can fulfill either group A or group B requirements. Designate these with a + symbol.

The Communication elective course OR the Values/Ethics course can fulfill a group A or a group B requirement.

Communication (9 cr hrs)

20-101 English Composition I 3
 50-290 Writing in Biology 3
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20-201 English Composition II can be substituted for Writing in Biology. Requires written justification, advisor endorsement, and BAHS chairperson approval).

Suggested communication electives include: foreign language course; 25-103 Public Speaking; 25-104 Interpersonal Communication

Quantitative-Analytical Reasoning (3 cr hrs)
 Fulfilled by mathematics requirement for major.

Values, Ethics, ... (3 cr hrs) _____ 3

GROUP C. Natural Science and Mathematics (12 cr hrs)

Fulfilled by chemistry, biology, and mathematics requirements for the major.

GROUP A. Humanities & Arts (12 cr hrs)

GROUP B. Social Sciences (12 cr hrs)

Fitness and Recreational Skills (2 cr hrs)

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Free Electives. List free elective courses here. Total number of cr hrs must be at least 90 prior to the clinical year. Recommended electives are the following: Animal Cell Physiology 50-472; Financial Accounting 91-220; and Principles of Management 93-244.

