

**B.S. HEALTH SCIENCES**  
**Medical Laboratory Science Option**

1/13 JKN

The MLS 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.

<b>Health Science Core Requirements (26 cr hrs)</b>				<b>Related Core Requirements (19 cr hrs)</b>			
Biology 114	Concepts in Biology 1	4	<input type="checkbox"/>	Chem 115	Chem for Sciences 1	4	<input type="checkbox"/>
Biology 173	Anatomy & Physiology 1	4	<input type="checkbox"/>	Chem 116	Chem for Sciences 2	4	<input type="checkbox"/>
Biology 174	Anatomy & Physiology 2	4	<input type="checkbox"/>	Chem 230	Fund Organic Chemistry	4	<input type="checkbox"/>
Biology 208	Medical Terminology	3	<input type="checkbox"/>	Chem 341	Biochemistry	4	<input type="checkbox"/>
Biology 242	Microbiology	4	<input type="checkbox"/>				
Biology 271	Cell Biology	4	<input type="checkbox"/>				
Biology 233	Human Genetics OR			Math 141	Intro Statistics	3	<input type="checkbox"/>
Biology 333	Molecular Biology	3	<input type="checkbox"/>				

<b>Other Requirements (6 cr hr)</b>			
Biology 342	Medical Microbiology OR		
Biology 470	Medical Parasitology	3	<input type="checkbox"/>
Biology 343	Immunology	3	<input type="checkbox"/>

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

**General Education Points (tentative)**

<p><b>Goal 1: Communication (7 GEPs, 3 departments)</b></p> <p>ENG 101 Foundations of Coll Writing 3</p> <p>BIOL208 Medical Terminology 1</p> <p>CHEM341 Biochemistry 1</p> <p>BIOL290 Writing in Biology 2</p>	<p><b>Goal 6: Social Sciences (5 GEPs, 2 departments)</b></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p><b>Goal 2: Information Literacy (2 GEPs, 1 dept.)</b></p> <p>BIOL290 Writing in Biology 1</p> <p>_____</p>	<p><b>Goal 7: Arts &amp; Humanities (5 GEPs, 2 depts.)</b></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p><b>Goal 3: Analytical/Quantitative (5 GEPs, 2 dept)</b></p> <p>BIOL 114 Concepts of Biology 1 1</p> <p>CHEM115 Chem for the Sciences 1 1</p> <p>MATH 141 Intro to Statistics 3</p>	<p><b>Goal 8: Second Language (2 GEPs, 1 dept.)</b></p> <p>BIOL 208 Medical Terminology 2</p>
<p><b>Goal 4: Cultures &amp; Diversity (5 GEPs, 2 depts.)</b></p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p><b>Goal 9: Healthy Living (2 GEPs, 1 dept.)</b></p> <p>_____</p> <p>_____</p>
<p><b>Goal 5: Natural Sciences (5 GEPs, 2 depts.)</b></p> <p>BIOL 114 Concepts of Biology 1 3</p> <p>CHEM 115 Chem for the Sciences 1 2</p>	<p><b>Goal 10: Citizenship (2 GEPs, 1 dept.)</b></p> <p>_____</p> <p>_____</p>

**Electives + Total Credit Accounting**

Total number of credit hours must be at least 120.

**Core and Clinical Credits from Page 1 = 81**

List non-core courses that count for General Education above + all electives

Recommended electives include: Biology 334 Molecular Biology Lab; Biology 472 Animal Cell Physiology; Acct 220 Financial Accounting; and Mgmt 244 Principles of Management.

ENG 101 Foundations of Coll Writing	3	_____	_____
BIOL 290 Writing in Biology	3	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Other Credits from Table Above = \_\_\_\_\_**