

**Bloomsburg University - Department of Chemistry
Bachelor of Science in Clinical Chemistry**

Courses	Cr.	Taken:	Courses	Cr.	Taken:
Courses Required for Chemistry Major, Clinical Option			Fitness - 2 Credits		
52.115 Chemistry for Science I ¹	4	_____	1) _____	1	_____
52.116 Chemistry for Sciences II	4	_____	2) _____	1	_____
52.231 Organic Chemistry I	4	_____	Group A (Humanities) - 12 Credits		
52.232 Organic Chemistry II	4	_____	1) _____	3	_____
53.321 Analytical Chemistry I	3	_____	2) _____	3	_____
52.341 Biochemistry I	4	_____	3) _____	3	_____
52.361 Physical Chemistry I	4	_____	4) _____	3	_____
52.322 Instrumental Analytical Chem. (strongly recommended) ²		_____	Group B (Social Sciences) - 12 Credits		
Collateral Courses			1) _____	3	_____
50.271 Cell Biology	4	_____	2) _____	3	_____
50.343 Immunology	3	_____	3) _____	3	_____
53.125 Calculus I ¹	3	_____	4) _____	3	_____
53.126 Calculus II	3	_____	Group C (Nat. Sci. & Math) 0 additional credits needed		
53.225 Calculus III	3	_____	1) Satisfied by major requirement 52.115 Chemistry for Science I ¹		
54.211 General Physics I	4	_____	2) Satisfied by major requirement 53.126 Calculus II		
54.212 General Physics II	4	_____	3) Satisfied by major requirement 54.211 General Physics I		
			4) Satisfied by major requirement 54.212 General Physics II		
One Year Clinical Experience			Free Electives (May vary based on course choices)		
	28	_____	1) _____	2	_____
General Education - Total Credits:			2) _____		
Communication² - 9 Credits			3) _____		
1) 20.101 Composition 1	3	_____	Optional 09.100 University Seminar³		
2) 2nd Level Writing:	3	_____		1	
3) _____	3	_____	TOTAL CREDITS FOR PROGRAM		
Quantitative - 3 Credits				120	
Satisfied by major requirement: 53.125 Calculus I ¹			Two Approved Diversity Courses:⁴		
Values² - 3 Credits			1) _____		
1) _____	3	_____	2) _____		

Note 1: A placement test is required for 52.115 and 53.125; students who need one or more prerequisite courses will need fewer elective credits to complete program and may require more than 120 credits.

Note 2: Students may count one Communications or Values course under the Group A or B category; May need additional free elective so total credits equal 120.

Note 3: If 09.100 not taken, then take additional Free Elective Credit.

Note 4: Two additional Major, General Ed. or Elective Courses selected must also qualify as Diversity Courses; see approved list in catalog and consult advisor.