

**Bloomsburg University - Department of Physics and Engineering Technology
Bachelor of Arts in Physics**

Courses	Cr.	Taken:	Courses	Cr.	Taken:
Courses Required for Physics Major	19		Group A (Humanities) - 12 Credits		
54.211 General Physics I	4	_____	1) _____	3	_____
54.212 General Physics II	4	_____	2) _____	3	_____
54.302 Mechanics: Dynamics	3	_____	3) _____	3	_____
54.310 Modern Atomic Physics	3	_____	4) _____	3	_____
54.314 Electricity & Magnetism	3	_____	Group B (Social Sciences) - 12 Credits		
54.400 Advanced Physics Laboratory	2	_____	1) _____	3	_____
			2) _____	3	_____
Physics Electives (12 credits minimum; 300-level or above)	12		3) _____	3	_____
1) _____	3	_____	4) _____	3	_____
2) _____	3	_____	Group C (Nat. Sci. & Math) 0 additional credits needed		
3) _____	3	_____	1) Satisfied by major requirement 52.115 Chemistry for Science I		
4) _____	3	_____	2) Satisfied by major requirement 53.126 Calculus II		
			3) Satisfied by major requirement 54.211 General Physics I		
Collateral Courses Required for Major:	23		4) Satisfied by major requirement 54.212 General Physics II		
52.115 Chemistry for the Sciences I	4	_____	Free Electives (27 credits minimum)	27	
52.116 Chemistry for the Sciences II	4	_____	1) _____	3	_____
53.125 Calculus 1 ¹	3	_____	2) _____	3	_____
53.126 Calculus 2	3	_____	3) _____	3	_____
53.225 Calculus 3	3	_____	4) _____	3	_____
53.322 Differential Equations	3	_____	5) _____	3	_____
56.116 Algorithmic Process	3	_____	6) _____	3	_____
			7) _____	3	_____
General Education - Total Credits:	38		8) _____	3	_____
Communication² - 9 Credits			9) _____	3	_____
1) 20.101 Composition 1	3	_____	10) _____		
2) 2nd Level Writing:	3	_____	Optional 09.100 University Seminar³	1	
3) _____	3	_____	TOTAL CREDITS FOR PROGRAM	120	
Quantitative - 3 Credits			Two Approved Diversity Courses:⁴		
Satisfied by major requirement 53.125 Calculus 1 ¹			1) _____		
Values² - 3 Credits			2) _____		
1) _____	3	_____			
Fitness - 2 Credits					
1) _____	1	_____			
2) _____	1	_____			

Note 1: A placement test is required for 53.125; students who need a prerequisite course will have fewer free electives in the program.

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 still equal 120.
Note 3: If 09.100 not taken, then take additional Free Elective Credit.
Note 4: Two Major, General Education or Elective Courses selected must also qualify as Diversity Courses; see approved list in catalog and consult advisor.