

**Bloomsburg University - Department of Chemistry**  
**Bachelor of Science in Secondary Education with Chemistry Concentration**

Courses	Cr.	Taken:	Courses	Cr.	Taken:
<b>Courses Required for Chemistry Major</b>	<b>38</b>		<b>Values - 3 Credits</b>		
52.115 Chemistry for Science I <sup>1</sup>	4	_____	41.105 Environmental Issues & Choices	3	_____
52.116 Chemistry for Sciences II	4	_____	<b>Fitness - 2 Credits</b>		
52.231 Organic Chemistry I	4	_____	_____	1	_____
52.232 Organic Chemistry II	4	_____	_____	1	_____
53.321 Analytical Chemistry I	3	_____	<b>Group A (Humanities)<sup>2</sup> - 9 additional Credits</b>		
52.341 Biochemistry I	4	_____	25.103 Public Speaking or 25.104 Interpersonal Comm.		
52.361 Physical Chemistry I	4	_____	_____	3	_____
52.475 Chemistry Curriculum & the Teaching Lab	3	_____	_____	3	_____
54.211 General Physics I	4	_____	_____	3	_____
54.212 General Physics II	4	_____	<b>Group B (Social Sciences) - 12 Credits</b>		
<b>Courses Required for Secondary Education</b>	<b>32</b>		45.211 Prin. Sociology or 46.200 Prin. Cult. Anthropology	3	_____
<i>Choose one of the following:</i>	3	_____	48.101 General Psychology	3	_____
60.204 Educational Computing & Technology			48.212 Adolescence	3	_____
60.350 Instructional Design Systems			70.101 Introduction to Exceptional Individuals	3	_____
60.351 Virtual Learning Communities			<b>Group C (Nat. Sci. &amp; Math) - 12 Credits</b>		
60.206 Teachers, Schools and Society	2	_____	51.120 Physical Geology or 51.130 Historical Geology	3	_____
60.251 Psychological Foundations of Education	3	_____	52.251 Inorganic Chemistry	3	_____
60.291 Principles of Teaching	3	_____	53.126 Calculus II	3	_____
60.311 Classroom Measurement & Assessment	3	_____	53.225 Calculus III	3	_____
<i>Choose one of the following:</i>	3	_____	<b>TOTAL CREDITS FOR PROGRAM</b>	<b>120</b>	
60.393 Social Foundations of Education			<b>Two Approved Diversity Courses (satisfied by major requirements)</b>		
60.406 Multicultural Education			Satisfied by 70.101 and 60.393 or 60.406 required by major		
60.453 Teaching of Science	3	_____			
60.497 Teaching in Education: First Experience	6	_____			
60.498 Teaching in Education: Second Experience	6	_____			
<b>General Education - Total Credits:</b>	<b>50</b>				
<b>Communication<sup>2</sup> - 9 Credits</b>					
20.101 Composition 1	3	_____			
Writing Intensive Literature Course or 20.201 Composition 2	3	_____			
25.103 Public Speaking or 25.104 Interpersonal Comm.	3	_____			
<b>Quantitative - 3 Credits</b>					
53.125 Calculus I <sup>1</sup>	3	_____			

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

**Note 2:** Students must count one Communications course under the Group A category, as allowed by General Education Policy, to complete program within 120 credits.

This program shows 25.103 or 25.104 double counted as an example.