

**Bloomsburg University - Department of Educational Studies and Secondary Education
Bachelor of Science in Secondary Education and Mathematics**

Courses	Cr.	Taken:	Courses	Cr.	Taken:
Courses Required for Mathematics Major	35	_____	Values - 3 Credits		
53.185 Discrete Mathematics	3	_____	1) _____	3	_____
53.225 Calculus III	3	_____	Fitness - 2 Credits		
53.226 Calculus IV	3	_____	1) _____	1	_____
53.231 College Geometry	3	_____	2) _____	1	_____
53.310 Intro Abstract Algebra or 53.421 Advanced Calculus	3	_____	Group A (Humanities)² - 9 additional Credits		
53.314 Linear Algebra	3	_____	1) 25.103 Public Speaking or 25.104 Interpersonal Comm.		
53.360 Number Theory	3	_____	2) _____	3	_____
53.410 Mathematical Modeling	3	_____	3) _____	3	_____
Mathematics Elective (53.311 or higher):			4) _____	3	_____
1) _____	3	_____	Group B (Social Sciences) - 12 Credits		
56.121 Object-Oriented Programming with Java	4	_____	1) 45.211 Prin. Sociology or 46.200 Prin. Cult. Anthropology	3	_____
Computer Science Elective (56.122 or higher, 3-4 credits)			2) 48.101 General Psychology	3	_____
1) _____	4	_____	3) 48.212 Adolescence	3	_____
			4) 70.101 Introduction to Exceptional Individuals	3	_____
Courses Required for Secondary Education	32		Group C (Nat. Sci. & Math) - 0 Additional Credits		
56.305 Computer Applications in Secondary Math			1) 53.126 Calculus II	3	_____
or 60.204 Educational Computing & Technology			2) 53.241 Probability & Statistics	3	_____
or 60.350 Instructional Design Systems			3) _____	3	_____
or 60.351 Virtual Learning Communities	3	_____	4) _____	3	_____
60.206 Teachers, Schools and Society	2	_____	Free Elective (Consult Advisors)	2	
60.251 Psychological Foundations of Education	3	_____	1) _____	2	_____
60.291 Principles of Teaching	3	_____			
60.311 Classroom Measurement & Assessment	3	_____	Optional 09.100 University Seminar³	1	_____
60.393 Social Foundations of Education					
or 60.406 Multicultural Education	3	_____	TOTAL CREDITS FOR PROGRAM	120	
65.352 Teaching of Mathematics	3	_____			
60.497 Teaching in Education: First Experience	6	_____	Two Approved Diversity Courses (satisfied by major requirements)		
60.498 Teaching in Education: Second Experience	6	_____	Satisfied by 70.101 and 60.393 or 60.406 required by major		
General Education - Total Credits:	50				
Communication² - 9 Credits					
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	_____			
Quantitative - 3 Credits					
53.125 Calculus I ¹	3	_____			

<p>Note 1: A placement test is required for 53.125; students who need prerequisite courses may need more than 120 credits to complete the program.</p> <p>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.</p> <p>Note 3: Decrease Free Electives by 1 credit if 09.100 is taken.</p>
