Bloomsburg University - Department of Mathematics, Computer Science and Statistics
Bachelor of Arts in Mathematics - Statistics

Courses	Cr.	Taken:	Courses	Cr.	Taken:
Mathematics BA Statistics Requirements	**50**		**Quantitative - 0 Additional Credits**		
53.141 Introduction to Statistics	3	___	Satisfied by Major requirement 53.126		
53.125 Calculus I	3	___	**Values[2] - 3 Credits**		
53.126 Calculus II	3	___	1) ___	3	___
53.185 Discrete Mathematics	3	___	**Fitness - 2 Credits**		
53.240 Statistical Methods	3	___	1) ___	1	___
53.241 Probability & Statistics	3	___	2) ___	1	___
53.314 Linear Algebra	3	___	**Group A (Humanities)[2] - 9 Additional Credits**		
53.340 Statistical Software	3	___	1) Satisfied by Communications or Values Course		
53.342 Design & Analysis of Experiments	3	___	2) ___	3	___
53.343 Applied Regression Analysis	3	___	3) ___	3	___
53.410 Mathematical Modeling			4) ___	3	___
Mathematics Electives (53.225 or above):			**Group B (Social Sciences)[2] - 12 Credits**		
1) ___	3	___	1) ___	3	___
2) ___	3	___	2) ___	3	___
			3) ___	3	___
Select one Computer Science Sequence (6 to 8 Credits [1]):	**8**		4) ___	3	___
Option A1) 56.121 Object-Oriented Prog with Java (4 cr)		___	**Group C (Nat. Sci. & Math) - 6 Additional Credits**		
Option A2) 56.122 Graphical User Interfaces in Java (4 cr)		___	1) Satisfied by major requirement 53.125		
or other 300 or higher 56 course (3 to 4 credits)			2) Satisfied by major requirement 53.185		
Option B1) 56.123 Visual Basic I (3)		___	3) ___	3	___
Option B2) 56.223 Visual Basic II (3)		___	4) ___	3	___
			Free Electives[1]	**28**	
Six credits minimum in a discipline to which Statistics is applied.			1) ___	3	___
Consult Advisor; may be applied to Gen Ed distribution requirement.			2) ___	3	___
(Biology, Economics, Geology, Geography, Psychology)			3) ___	3	___
1) ___	3	___	4) ___	3	___
2) ___	3	___	5) ___	3	___
			6) ___	3	___
General Education - Total Additional Credits:	**41**		7) ___	3	___
Communication[2] - 9 Credits			8) ___	3	___
1) 20.101 Composition 1	3	___	9) ___	4	___
2) 2nd level Writing Course: ___	3	___	10) ___		___
3) ___	3	___	11) ___		___
Note 1: Total Free Electives will depend on Major Elective Choices.			**Optional 09.100 University Seminar[3]**	**1**	___
Note 2: One Communications or Values course counts as Group A or B.			**TOTAL CREDITS FOR PROGRAM**	**120**	
Note 3: If 09.100 not taken, then take additional Free Elective Credit.			**Two Approved Diversity Courses[4]**		
Note 4: Two Major, General Ed. or Elective Courses selected must also			1) ___		___