

BACHELOR OF SCIENCE IN STATISTICS
School of Statistics

First Year

1 st Semester		2 nd Semester	
Course Number	Units	Course Number	Units
Math 20	(4)	Math 21*	4
Stat 114	3	Stat 115	3
GE 1 KAS 1	3	Stat 117	3
GE 2 ENG 13	3	GE 5 Soc Sci 1 / Soc Sci 2	3
GE 3 Philo 1	3	GE 6 ARTS 1	3
GE 4 GE Elective	3	PE	(2)
PE	(2)		
Total	15	Total	16

Second Year

1 st Semester		2 nd Semester	
Course Number	Units	Course Number	Units
Math 22	4	Math 23	4
Stat 121	3	Stat 122	3
Stat 124	3	Stat 125	3
GE 7 Fil 40	3	GE 9 Speech 30	3
GE 8 Science GE (Physical or Natural Science)	3	Free Elective 1 ¹	3
PE	(2)	PE	(2)
Total	16	Total	16

Third Year

1 st Semester		2 nd Semester	
Course Number	Units	Course Number	Units
Stat 131	4	Stat 132	3
Stat 135	3	Stat 133	3
Free Elective 2 ¹	3	Stat 136	3
Stat 134	3	Stat 138	4
PI 100	3	Math/Stat Elective 2 ²	3
Math/Stat Elective 1 ²	3	Free Elective ³	3
NSTP	(3)	NSTP	(3)
Total	19	Total	19

Fourth Year

1 st Semester		2 nd Semester	
Course Number	Units	Course Number	Units
Stat 142	3	Stat 143	3
Stat 145	3	Stat 148	4
Stat 146	3	Stat 149	3
Stat 147	4	Math/Stat Elective 3 ²	3
GE 10 STS 1 / DRMAPS	3	Math/Stat Elective 4 ²	3
Total	16	Total	16

**All students required to take Math 21 must have passed any of the following: (1) Pre-Calculus from the STEM or equivalent strand of K-12; (2) the Validation Examination for Math 20 (Pre-Calculus: Functions and their Graphs) administered by the UPD Institute of Mathematics; or (3) Math 20 as a non-credit course.*

The University regularly reviews course curricula and may revise them. Students admitted into this program shall follow the existing curriculum until such time that a new curriculum replacing it has been duly approved for implementation. All courses prescribed and taken under this existing curriculum shall be credited under the new curriculum.

List of Math Electives

Math 110.1 Abstract Algebra I
 Math 110.3 Abstract Algebra III
 Math 117 Elementary Theory of Numbers
 Math 122 Differential Equations & Applications
 Math 123.1 Advanced Calculus I
 Math 123.2 Advanced Calculus II
 Math 126 Real Analysis
 Math 128 Complex Analysis
 Math 140 Introduction to Modern Geometries
 Math 142 Elementary Topology
 Math 145 Modern Geometry
 Math 146 Introduction to Differential Geometry
 Math 147 Introduction to Algebraic Geometry
 Math 148 Introduction to Projective Geometry
 Math 162 Theory of Interest
 Math 164 Mathematics of Life Contingencies
 Math 165 Finite Differences
 Math 171 Introduction to Numerical Analysis
 Math 180.1 Operations Research I
 Math 180.2 Operations Research II

1 A free elective is any course that is not equivalent to a required statistics course in the program.

2 A stat elective is any Statistics course number 191 to 197; a math elective is any mathematics course number higher than 109 that is not equivalent to a required statistics course in the program

Note: As a requirement for graduation, all students must take (6) units in one of the National Service Training Program (NSTP) components: Civic Welfare Training Service (CWTS), Literacy Training Service (LTS), and Reserved Officers' Training Corps Military Science (ROTC Mil Sci). These are offered by UPD.