


STATISTICS, MINOR

The Department of Mathematics offers a minor in statistics available to all students at Marshall University. Students who completed a minor in statistics must have a demonstrated knowledge and understanding of statistical techniques and methodologies, working with real data, and understanding of data analysis with job opportunities in business, government, industry and health sectors. The minor provides a window of opportunities for further study in statistical sciences. Students with a statistics minor may be eligible to pursue further degree programs in statistical sciences. The minor in statistics is not to be taken by students pursuing any degree majors in mathematics department. Students pursuing a minor in statistics must complete the General Education requirements at Marshall and in addition, the requirements for their major degree option(s).

The requirements for an undergraduate Minor in Statistics consist of a total of 16 credit hours. The student must have at least a 2.0 grade point average, and a grade of C or better in the required core courses (10 credit hours), and two additional courses (6 credit hours) chosen with permission from the list of elective courses. At least 9 credit hours of the required 16 credit hours must be taken at Marshall University.

Code	Title	Credit Hours
Core Required Courses		
MTH 231 	Calculus/Analytic Geom III	4
STA 326	Applied Statistical Methods	3
or STA 345	Applied Prob and Stat	
STA 445	Probability & Statistics I	3
Elective Courses		
Select two of the following (with permission):		6
STA 412	Regression Analysis	
STA 413	Experimental Designs	
STA 420	Nonparametric Statistics	
STA 422	Time Series Forecasting	
STA 425	Sampling Designs & Estimation	
STA 446	Probability & Statistics II	
STA 464	Statistical Computing	
STA 466	Stochastic Processes	
STA 470	Applied Survival Analysis	
Total Credit Hours		16