

APPLIED STATISTICS MINOR

Data-driven research is growing at an explosive rate. Modern scientists are expected to have familiarity with much more complex methods of statistical analysis than was the case not too long ago. This Minor in Applied Statistics is designed to give students the skills they need to compete in this data-driven world and to gain experience and competency with the analysis of data in their major field of study. Students in this program will learn modern statistical methods beyond those covered in the curriculum for their majors. They will gain familiarity with statistical software and experience in analyzing real world data sets related to their major field of study. Students who complete the minor will, through their numeracy and comfort with data, have an advantage over other applicants when applying to graduate programs or industry jobs.

Minor Requirements

Choose one of the following Introduction to Statistics:	3
MTH 110 Introduction to Statistics I (no Computer Lab)	
MTH 111 Introduction to Statistics I (with Computer Lab)	
STA 201 Statistics I	
Choose one of the following Introduction to Statistics 2:	3
MTH 112 Introduction to Statistics II	
STA 202 Statistics II	
Choose one of the following courses (which may be double counted towards a student's major):	3-4
PSY 201 Intro to Research Methods	
ECO 325 Econometrics	
SOC 201 Research Methods	
ANL 301 Business Analytics	
BIO 427 Bioinformatics	
MTH 313 Applied Statistics	
MIS 430 Human Resource Information Systems	
NSG 350 Research in Nursing	
MTH 211 Advanced Statistical Methods	3
MTH 212 Statistical Consulting	3
Total Credit Hours	15-16