

Statistics Minor

Minor Requirements

The requirements for the minor are

MATH 4200	Mathematical Statistics I	3
MATH 4210	Mathematical Statistics II	3
Choose two of the following courses.		6
MATH 3320	Applied Statistics	
MATH 4005	Exploratory Data Analysis with R	
MATH 4090	Introduction to High-dimensional Data Analysis	
MATH 4220	Bayesian Statistical Methods	
MATH 4225	Introduction to Statistical Computing	
MATH 4250	Introduction to Statistical Methods in Learning and Modeling	
MATH 4260	Introduction to Stochastic Processes	
MATH 4390	Topics in Probability and Statistics	
MATH 4750	Introduction to Mathematics of Artificial Neural Networks	
Total Hours		12

All courses must be completed with a grade of C- or higher. A minimum of two courses must be taken in residence in the Department of Mathematics and Statistics at UMSL.

Learning Outcomes

A successful undergraduate should, upon completion, be able to:

- Reformulate problems or questions in relevant statistical terms.
- Solve problems which involve probability or statistical concepts and procedures.