Statistics Minor

Minor Requirements
The department offers minors in computer science, mathematics, and statistics. All courses presented for any of these minors must be completed with a grade of C- or better.

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

Total Hours  12

A minimum of two courses numbered above 3000 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.