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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 4200</td>
<td>Mathematical Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4210</td>
<td>Mathematical Statistics II</td>
<td>3</td>
</tr>
<tr>
<td>Select two additional courses in statistics numbered above 3000</td>
<td>6</td>
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<tr>
<td>Choose two of the following courses:</td>
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<td>6</td>
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</table>

- 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 statistics courses numbered above 3000 must be taken in residence in the Department of Mathematics and Computer Science Statistics at UMSL.
Justification for request:
The current listing is ambiguous as to what constitutes a “course in statistics.” This proposal does not alter the substance of the minor.