

# Minor in Statistics

## Minor in Statistics

The requirements for the minor are:

|   |   |              |
|---|---|--------------|
| <del>MATH 1320</del>  | <del>Introduction to Probability and Statistics</del> | <del>3</del> |
| MATH 4200   | Mathematical Statistics I                             | 3            |
| MATH 4210   | Mathematical Statistics II                            | 3            |
| Select two additional courses in statistics numbered above <del>4200</del> 3000 |   | 6            |
| <b>Total Hours</b>  |   | <b>12</b>    |

A minimum of two statistics courses numbered above ~~2000~~ 3000 must be taken in residence in the Department of Mathematics and Computer Science at UMSL.

Sign-offs from other departments affected by this proposal

None

Rationale

All students will have taken some introductory course in statistics and so, requiring the foundational sequence in mathematical statistics (Math 4200 and Math 4210) will place the student in an excellent position for further study if desired. In addition, requiring at least two statistics courses numbered above 3000 will introduce the student to some of the many avenues of exploration in modern statistics. In all, these changes will make the statistics minor more appealing to a wide population of students.