

# Minnesota State University Moorhead

## MATH 244: Applied Biostatistics

### A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: 3

Lab Hours/Week: 3

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course provides students with practical statistical tools for analyzing biological data. Students learn the appropriate univariate statistical tests (correlation, regression, t-tests, ANOVA) for common types of biological data, how to apply computer software to conduct the tests, and how to interpret the statistical results. The course ends with a discussion of experimental sampling design. Must have successfully completed College Algebra or acceptable placement score. MnTC Goal 4.

**B. COURSE EFFECTIVE DATES:** 02/14/2006 - 06/01/2015

### C. OUTLINE OF MAJOR CONTENT AREAS

None

### D. LEARNING OUTCOMES (General)

None

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted