A. Course Description

Credits:

Prerequisites: MATH 115 College Algebra

OR

MATH 120 Precalculus

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week:

MnTC Goals: None

This course provides students with independent laboratory, field or computer biology research under the supervision of a resident biology faculty member. Students must complete a research proposal and it must be approved by the instructor prior to course registration. Prior successful completion of an upper division course with the instructor is generally required. ** Note: this is a variable credit course with credit range of 1 - 4.

B. Course Effective Dates: 08/22/2009 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Apply this experience with research methods in biology the level necessary for success in graduate or professional research.

2. Design, propose, conduct, interpret, and present the results of an independent laboratory or field experiment in biology at the senior undergraduate level.

3. Find, read, interpret and utilize primary scientific literature in biology.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

Note: Instructor's permission required.