A. Course Description

Credits:  
Prerequisites: CHEM 231 Organic Chemistry I AND WRIT 231 Writing II  
OR  
CHEM 325 Biochemistry I: Biomolecule Structure and Function AND WRIT 231 Writing II  
Lab Hours/ Weeks: Corequisites: None  
Lecture Hours/ Week :  
MnTC Goals: None

This is a faculty designed independent study (FDIS) which provides students the opportunity to do independent research in the field of biochemistry under the supervision of a resident chemistry/biology faculty member. This course improves students problem solving, analytical, and reasoning skills. At the end of the course, students complete a research report that must be approved by the instructor. The number of credits will be decided by the faculty and the student. ** Note: this is a variable credit course with credit range of 1 - 5.

B. Course Effective Dates: 05/02/2018 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Summarize terminology and literature commonly used in a specific field/area of biochemistry.  
2. Develop problem solving, numerical/computational, and mathematical skills.  
3. Conceptualize common issues addressed within this field.  
4. Demonstrate the conceptual and practical skills necessary to answer questions and solve problems in a specific field/area of biochemistry.  
5. Identify the areas of research interests in biochemical related fields.

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

Note: Instructor's permission required.