I. Course Title
Research in Chemistry

II. Course Prefix/Number
CHEM 490

III. Credit Hours
1-3

IV. Prerequisites
CHEM 132 and permission of instructor

V. Catalog Description
Independent investigation in the field of chemistry offered to superior students upon arrangement with the instructor. This course serves to heighten the student’s interest in chemistry, experience the research process and develop a sense of what a student may experience in graduate school.

VI. Curricular Relationships
None

VII. Student Learning Outcomes
● Students will be able to apply more advanced laboratory skills than they experience in other chemistry courses.
● Students will be able demonstrate maturity in their ability to think about the process of chemistry.

VIII. Content Outline
To be determined by the student and instructor.

IX. Course Procedures/Policies/Grading Scale
One credit hour is offered for every 3 hours per week of work up to 3 credit hours, agreed upon at the onset of the course. The instructor meets regularly with the student to create and carry out a research plan. Some type of final written or oral report is expected.

Grading scale is determined by the instructor

X. Required/Recommended Readings
Literature provided by the instructor
XI. Issues Unique to this Course
   • None

XII. Additional Departmental Issues
   • None