Chemistry 481/482
Departmental Course Syllabus and Grading Policy

Course Description: This course is a two-credit independent research course. Students are expected to work a minimum of 6 hours per week in consultation with a faculty mentor.

Learning Outcomes:
- To design appropriate experiments after consulting scientific literature
- To evaluate experimental results and formulate a plan for moving the project forward
- To defend the results and interpretations of experiments in a written paper, poster presentation, or oral presentation

Expectations:
1) Students who work independently in a lab must complete the Department of Chemistry and Biochemistry Research Safety Training once a year.
2) Students must commit to a work schedule arranged with the faculty member that corresponds to a minimum of 6 hours per week.
3) Student must provide the faculty mentor a written report of their work at the conclusion of the term, in the form of a paper, oral presentation, or a poster.
4) Students are expected to participate in the proper care and maintenance of lab facilities and to abide by safety regulations of the department, including monthly lab safety assessments, maintenance of inventory, and adhering to all department safety policies, especially with regards to wearing PPE at all times while in the lab.
5) Lab notebooks are the property of the faculty mentor and must remain in the laboratory.

Addendum for Student:

Title of Project:

Expected Final Project:

Expected Hours of Work:

Student Signature:
I understand the expectations and responsibilities of taking an independent research course in the Department of Chemistry and Biochemistry