

CHEM 4851A - Chemistry Research Project Biochemistry

Fall 2026 Syllabus, Section 02, CRN 42444,

Credit hours: 3

Instructor

Michael Serra

Email: maserra@ysu.edu

Public Instructor Information

Instructor Title: Professor of Chemistry

Instructor Professional Qualifications: Ph. D., Molecular, Cellular, and Developmental Biology, Iowa State University, Ames, IA

Bachelor of Science Biology, Bachelor of Arts Mathematics, Adrian College, Adrian, MI

Instructor Office Location: Ward Beecher, room 5033

Instructor Office Phone: (330)941-3667

Course Description

4851A. Chemistry Research Project Biochemistry. Research participation under the direction of a faculty member. The student prepares an acceptable written report on the completed project. May be repeated to a maximum of 5 semester hours. Prereq.: Approval of department chairperson. 2-3 s.h.

Course Readings

Group	Title	Author	ISBN
No readings			

There is no required textbook for this course. The instructor made provide reading material, e.g., research papers.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Proposed Topic	Due/To Prepare for Class
8/24	Meeting with faculty member to discuss research plan	
8/31	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
9/7	Labor Day, no classes	
9/14	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
9/21	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
9/28	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
10/5	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
10/12	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
10/19	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
10/26	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
11/2	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
11/9	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
11/16	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
11/23	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
11/30	Research (minimum 2 -3 hrs in lab for every 1 s.h. of credit)	
12/7	Research paper due	

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.