

CHM 432 Chemistry Seminar Spring 2018

Instructor: Dr. Bin Wang

Phone: (304) 696-3456

Office Hours: Wednesday 1:30-3:30 PM or by appointment

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Email: wangb@marshall.edu

Classroom: 465 Science Hall

Days/Time: Tuesday 11:00-11:50 AM and Friday 2:00-2:50 PM

Course Prerequisite: CHM 490 (Chemistry Internship) or CHM 491 (Capstone Experience)

Required Textbook: None

Seminar Webpage: <http://www.marshall.edu/chemistry/degrees/seminars/>

Course Overview:

Successful completion of your capstone experience or chemistry internship culminates in effectively communicating to faculty and to peers two comprehensive reports of your project. In this course you will present an oral presentation and write a report.

Course Objectives:

1. To gain experience delivering oral and written presentations with clarity and with scientific accuracy.
2. To demonstrate your understanding and retention of fundamental chemistry concepts.
3. To express your ability to retrieve, digest, and share relevant information from chemical literature.
4. To develop communication skills necessary for scientific dissemination.

Grading Policy:

This course will be graded as either Credit (CR) or No Credit (NC). A grade of Credit will be earned upon successful completion of your oral presentation, your written report, and regular attendance.

Attendance Policy:

Attendance is mandatory for this class. Missing more than 25% of the seminar periods without excused absences will result in a grade of No Credit (NC). See the undergraduate catalog for a list of excused absences and the process for securing an excused absence. During each seminar period attendance will be taken by passing around a sign-in sheet and it is your responsibility to sign it. The scheduled seminar list on the website will be updated throughout the semester and scheduled seminars will be posted around the fourth floor of the Science Building.

University Policies:

By enrolling in this course, you agree to the University Policies listed below. Please read the full text of each policy by going to <http://www.marshall.edu/academic-affairs/policies/>

Academic Dishonesty / Academic Dismissal / Academic Forgiveness / Academic Probation and Suspension / Affirmative Action / Dead Week / Excused Absences / Inclement Weather / Sexual Harassment / Students with Disabilities / University Computing Services' Acceptable Use

Written Report:

Detailed guidelines for writing your research report can be found on the seminar webpage. The written report will be evaluated by your research advisor and one other faculty member. Note that you must get both readers' consent and it may take several iterations before approval so don't wait till the last minute. The scanned cover page of your paper with both readers' signatures and a final electronic copy of your paper (PDF) must be submitted to Dr. Wang by April 27th.

Oral Presentation:

The oral presentation can be conducted either during a seminar period within the Department of Chemistry or at an approved scientific meeting outside the department. If you have the opportunity to present your research outside the department, you must have it approved by Dr. Wang *before* giving the presentation to receive credit. For oral presentations within the department, several seminar periods will be allotted to Capstone/Internship students with each time slot accommodating up to three presentations. Guidelines to prepare for the oral presentations can be found in more detail on the seminar webpage. Your performance on the presentation will be evaluated by faculty members in attendance that day. If more than one fourth of the faculty members find your presentation unacceptable, you will be asked to repeat the seminar. There will be time slots reserved at the end of the semester for those who must repeat their presentation. Failure to receive a passing grade on your oral presentation will result in a No Credit (NC) grade for the course.

Timeline:

Event	Date
Course orientation	January 12 (2:00 PM)
Submit your abstract (including the title of your paper, your name, and your advisor's name) to Dr. Wang	January 19
Submit the first draft of your paper to your advisor (cc Dr. Wang)	March 2
Submit your presentation slides to your advisor (cc Dr. Wang)	March 16
Submit the revised version of your paper (approved by your advisor) to the second reader (cc your advisor and Dr. Wang)	April 6
Submit the final version of your paper and the signed cover page to Dr. Wang	April 27