

CHEM 529 Section 001, Fall 2015 Course Syllabus

Instructor: Dr. Nicholas Grossoehme
Office: Sims 302A
Office hours:
 Officially - M 2-5
 Unofficially, I'm in my office or around 3rd floor Sims a lot. Come find me anytime
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Meeting Times: Wednesday 12:30-1:20

Credit Hours: 1

Course Website:

http://chem.winthrop.edu/faculty/grossoehme/link_to_webpages/courses/chem529/chem529home.html

Textbook: None

Course Objectives and Student Learning Outcomes (in accordance with University Level Competencies 1 and 4): *Upon completion of this course, the successful student will be able to:*

- Efficiently read and interpret primary scientific literature.
- Use current resources to search primary literature.
- Effectively communicate the data presented in scientific journals.
- Think critically about published data and interpretations.
- Understand and communicate scientific topics.

Course Schedule: accessible via course [website](#)

Topic Selection: General topic selected by the indicated time to ensure that everyone has a chance to find an article and prepare a presentation.

Participation: Each student is expected to read each article and participate in any discussion that evolves.

Article Summary: For each article that is presented, you will be required to submit a short summary (~1/2 page due at beginning of class) that includes:

- Relevance
- Methods
- Meaning of data
- Two questions you have after reading the paper

Presentations: Each student will present three times during the term as indicated in the course calendar.

Point Distribution

Presentations	3 @ 100 points each	300
Article Summary	9 @ 25 points each	225
Participation		75
Total possible points		600

Grades:

A	B+	B	C+	C	D	F
90-100	87-89	80-86	77-79	70-76	60-69	< 59

Suggested Journals (not an exhaustive list):

Nature Structural and Molecular Biology	Analytical and Bioanalytical Chemistry	Current Opinion Series
Nature	Biochemistry	Nature Chemical Biology
Journal of the American Chemical Society	Critical Reviews in Biochemistry and Molecular Biology	FEBS Letters
Nature	FEBS Journal	The Journal of Biochemistry
Proceedings of the National Academy of Sciences	Journal of Biological Chemistry	Archives of Biochemistry and Biophysics
Science	The Journal of Biological Inorganic Chemistry	Biochemical and Biophysical Research Communications
Chemical Biology and Drug Design	Molecular Biology	Biophysical Chemistry
Journal of Cell and Molecular Biology		

Attendance: Mandatory

Drop Policy: As described in the Winthrop University Undergraduate catalog

Syllabus Change Policy: Sincere effort has been made to ensure that this syllabus accurately reflects notable information for the entire term. However, if circumstances necessitate a minor modification, students will be immediately notified

Student code of conduct: As noted in the Student Conduct Code: "Responsibility for good conduct rests with students as adult individuals." The policy on student academic misconduct is outlined in the "Student Conduct Code Academic Misconduct Policy" in the online *Student Handbook* (<http://www2.winthrop.edu/studentaffairs/handbook/StudentHandbook.pdf>).

Students with Disabilities: Winthrop University is dedicated to providing access to education. If you have a disability and require specific accommodations to complete this course, contact the Office of Disability Services (ODS) at 803-323-3290. Once you have your official notice of accommodations from the Office of Disability Services, please inform me as early as possible in the semester.