

CHEM 791 & EVSC 791 – Graduate Seminars

Spring 2023 Course Syllabus

NJIT Academic Integrity Code:

All Students should be aware that the Department of Chemistry & Environmental Science (CES) takes the University Code on Academic Integrity at NJIT very seriously and enforces it strictly. This means that there must not be any forms of plagiarism, i.e., copying of homework, class projects, or lab assignments, or any form of cheating in quizzes and exams. Under the University Code on Academic Integrity, students are obligated to report any such activities to the Instructor.

COURSE INFORMATION

Academic and industrial speakers from across the country and the world present their scientific research for general discussion.

This course is required of all Chemistry (CHEM 791) and Environmental Science (EVSC 791) graduate students receiving departmental or research-based awards, and all doctoral students in the Department. The students must register each semester until completion of their degree.

Credits: 0

Contact hours: 1

Instructors:

Prof. Lijie Zhang (EVSC 791)
385 Tiernan Hall
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Prof. Genoa Warner (CHEM 791)
366 Tiernan Hall
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Location: Virtual/In person (Tiernan Lect 2)

GRADING POLICY

Seminars are an important part of graduate school education. They allow the students to broaden their scope of knowledge by discovering other areas of research, by getting new ideas for their own projects, and by learning what type of scientific problems are encountered in industrial settings. As such, we consider that the presence and engagement of students to all seminars, whether or not they are directly related to their research topics, are of paramount importance. This is why final grades will be either “S (satisfactory)” or “U (unsatisfactory)”, based on attendance and participation in the online discussion after each seminar.

Attendance: Seminars will be announced by departmental emails and a preliminary schedule is presented below. CHEM 791 and EVSC 791 students can only miss **two** seminars without the need to attend a make-up seminar.

If students have to miss seminar(s) because of travel related to research or to a conference, or for a medical / personal reason, students should notify their instructor, who will usually waive the requirement for attending make-up seminars.

Students who are unable to attend the graduate seminars for a particular semester must obtain permission from the Chair of Chemistry & Environmental Science or from the Chemistry & Environmental Science Graduate Student Advisor to waive their graduate seminar requirement. In most cases the permission will be for one semester only, and for ongoing situations, will need to be requested each semester.

Other than the above exceptions, if a student cannot attend a seminar, they should make up the missed seminar by attending a seminar (on a topic related to Chemistry or Environmental Science) offered by the NJIT Chemical Engineering Department, another NJIT Department, or the Chemistry Department at Rutgers University (Newark), and provide the instructors with a copy of the handwritten notes taken during the seminar as proof of attendance. **Otherwise, the “U” grade will be assigned.**

Post-Seminar Task: To promote engagement during the seminars, a short task will become available on the Canvas (<http://canvas.njit.edu/>) page of the course after each seminar. Students that put little to no effort in fulfilling the post-seminar task will first receive a warning. Additional offenses will result in the “U” grade being assigned

PRELIMINARY SCHEDULE

For this semester, some seminars are scheduled to be in person and some are virtual. Students are reminded that arriving late or leaving early is disrespectful to the speakers and other attendees.

Course Outline

Date	Speaker	Speaker's Institution	In Person/Virtual
January 18	TBD		
January 25	TBD		
February 1	TBD		
February 8	TBD		
February 15	Sarah P. Preheim	Johns Hopkins University	Virtual
February 22	Manuel Ruiz	Merck	In person
March 1	Timothy Swager	MIT	In person
March 8	David Allen	The University of Texas at Austin	
March 15	No seminar		
March 22	Chrys Wesdemiotis	University of Akron	
March 29	Aaron Jubb	United States Geological Survey	In person
April 5	Peng Liu	University of Pittsburgh	In person
April 12	Graham Cooks	Purdue University	
April 19	Dora Chiang	WSP	In person
April 26	Adrian Schwan	University of Guelph in Canada	Virtual

Warning: This schedule can change. Seminars might be added, some might have to be cancelled, and the room, date and/or time of some seminars might have to be adjusted. **You are solely responsible of keeping up-to-date with the changes in the schedule, which will be announced via departmental email.**