

**San José State University**  
**Department of Chemistry**  
**Seminar, CHEM 191, Spring 2023**

<b>Instructors:</b>	Prof. Gilles Muller	Prof. Andro Rios
<b>Office Location:</b>	DH 412A	DH 516
<b>Telephone:</b>	(408) 924-2632	(408) 924-5496
<b>Email:</b>	<a href="mailto:gilles.muller@sjsu.edu">gilles.muller@sjsu.edu</a>	<a href="mailto:andro.rios@sjsu.edu">andro.rios@sjsu.edu</a>
<b>Office Hours:</b>	Fridays 8:00 – 9:00 am ( <i>other times by appointment</i> )	Wednesdays 3:00 – 4:00 pm ( <i>other times by appointment</i> )
<b>Class Days/Time:</b>	Tuesdays 3:30 pm – 4:45 pm	
<b>Classroom:</b>	DH 250	

### Course Website

Course materials can be found on Canvas (<https://sjsu.instructure.com/>). The [seminar schedule](#) will also be posted on the Chemistry Department website at <http://www.sjsu.edu/chemistry/Seminars/index.html>. You are responsible for regularly checking with the messaging system in Canvas to learn any updates or changes in the schedule.

### Course Description (from the course catalog)

Presentation of topics within specialized sub-areas of chemistry by students, faculty and guests. A total of 2 units may be repeated. Prerequisite: CHEM 1B.

### Library Liaison

The Chemistry Library Liaison is Anne Marie Engelsen ([annemarie.engelsen@sjsu.edu](mailto:annemarie.engelsen@sjsu.edu))

### Course Goals and Learning Objectives

#### Program Learning Outcomes (PLOs)

[PLO's](#) for the BS or BA degree in Chemistry may be found at the following URL:  
<https://www.sjsu.edu/chemistry/academic-programs/undergraduate-programs/undergraduate-plo.php>

#### Course Learning Objectives (CLOs)

To increase your familiarity with current, on-going research at SJSU, and at other academic and industrial institutions.

### Course Requirements and Assignments

#### Attendance

This course will be meeting in-person. Select seminars will be held synchronously online via Zoom and will be labelled as such in the syllabus and on Canvas. You are required to attend all seminars unless you have an excused absence that must be agreed to *in advance* by one of the instructors.

Please sign your name on the sign-in sheet in front of the classroom both before and after the seminar. For Zoom seminars, please sign on with your full name. Please note that the course runs until 4:45 pm, which means that

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even with an hour seminar, this leaves 15 minutes for questions, which is an important part of the seminar. You are required to attend the entire seminar, including questions. It is inconsiderate to the seminar speaker to leave before the seminar is completed, even during the question and answer period.

### **Questions for Speakers**

You are required to compile a list of 2 questions for each seminar speaker. These questions should be original questions that you devise on your own. You will need to submit each set of questions to Canvas within 48 hours of the seminar (Thursdays at 5 pm). Questions that are submitted late will lose 25% per day (weekend days are included!) so that questions submitted more than 3 days late (after 5 pm on Sunday) will receive no credit. To best construct questions that receive full credit, attendance at the entire seminar is required.

<b>Assignments</b>	<b>Percent</b>
Question list for each seminar	80
Final Project: Seminar reflection	20
<b>Total</b>	<b>100</b>

### **Speakers**

There are 14 class periods for this course. The scheduled presenters are a mixture of SJSU faculty as well as outside speakers from industry and academia. The seminar titles will be updated shortly and abstracts for the talks will generally be posted a week before each talk.

### **Special Notes and Makeup Policy**

The seminar schedule may be changed. In such an instance, the changes will be posted on Canvas. It is your responsibility to be aware of scheduled changes.

If you miss any of the scheduled seminars or if you forget to submit your questions for a seminar that you attended, you can make-up the seminar by attending an approved alternative and submitting questions. You can attend an extra seminar earlier in the semester and “bank” it toward any later absence.

### **SJSU’s Credit Hour Requirement**

Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally 3 hours per unit per week with 1 of the hours used for lecture) for instruction or preparation/studying or course related activities including but not limited to internships, labs, clinical practical. Other course structures will have equivalent workload expectations as described in the syllabus.

### **Final Examination or Evaluation: Seminar reflection**

The culminating experience for the course will be a concise reflection (1 page, bullet point) on what makes an effective seminar, based on your observations from the seminars you have attended over the semester. A detailed prompt and rubric will be posted to Canvas. The reflection must be submitted to Canvas by 5/19/2023 by 2:45 pm (the assigned final exam date and time).

Please note no late submission of the Final Project: Seminar reflection assignment will be accepted and will result in zero points for that assignment. Late Final Project: Seminar reflection assignment is not to be accepted without good cause (e.g., medical and family issues), requiring documentation, or involving unforeseen class issues (e.g., instructor sick day).

### **Grading Information**

#### **Determination of Grades**

Points will be distributed as described in Course Requirements and Assignments above. The course grade will

be determined from the resulting point total as follows:

<u>Point Total</u>	<u>Final Course Grade</u>
97-100	A+
93-96.9	A
90-92.9	A-
87-89.9	B+
83-86.9	B
80-82.9	B-
77-79.9	C+
73-76.9	C
70-72.9	C-
67-69.9	D+
63-66.9	D
60-62.9	D-
< 60	F

### **Classroom Protocol**

Be on time to seminar and stay the entire time from 3:30 to 4:45 pm as a courtesy to the speaker and your colleagues. Cell phones and other devices should be turned off for class, unless they are being used to take notes. Please engage with the seminar as this way you will gain the most from it and be able to pose good questions.

### **Email policy**

We both receive a lot of emails, so to be sure that we see your email, all CHEM 191 emails should have CHEM 191 in the subject line and should be addressed to both instructors. We will do our best to respond to class-related emails within 1 business day of receiving them, however, keep in mind that this may not always be possible, especially during high volume times (around exams).

### **University Policies**

Per [University Policy S16-9](http://www.sjsu.edu/senate/docs/S16-9.pdf) (<http://www.sjsu.edu/senate/docs/S16-9.pdf>), relevant information to all courses, such as academic integrity, accommodations, dropping and adding, consent for recording of class, etc. is available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/>.

# Seminar, Chem 191, Spring 2023, Course Schedule

## Tentative Seminar Schedule

*See Canvas or the Chemistry website for the current schedule.*

<b>Week</b>	<b>Date</b>	<b>Speaker</b>
1	1/31/2023	Introduction to Course, Spring Semester Welcome
2	2/7/2023	Prof. Joya Cooley (California State University, Fullerton)
3	2/14/2023	Prof. Andro Rios (SJSU)
4	2/21/2023	Prof. Philip Dirlam (SJSU)
5	2/28/2023	Prof. Matthias Heyden (Arizona State University)
6	3/7/2023	Ms. Tyeshia Sapp (Prof. Madalyn Radlauer)
7	3/14/2023	Mr. Adam Ingwerson (Prof. Gianmarc Grazioli)
8	3/21/2023	Ms. Brenda Lu (Prof. Madalyn Radlauer)
9	4/4/2023	Mr. Heekun Cho (Prof. Gianmarc Grazioli)
10	4/11/2023	Mr. Ryan Nhan (Prof. Ningkun Wang)
11	4/18/2023	Ms. Neomi Millan (Prof. Alberto Rascon)
12	4/25/2023	Mr. Tony Mo (Prof. Madalyn Radlauer)
13	5/2/2023	Ms. Olive Burata (University of Michigan)
14	5/9/2023	Mr. Alejandro Herrera (Prof. Dave Brook)