

San José State University
Department of Chemistry
Seminar, CHEM 191, Spring 2022

Instructors:	Prof. Gilles Muller	Prof. Ningkun Wang
Office Location:	DH 412A	DH 607
Telephone:	(408) 924-2632	(408) 924-4955
Email:	gilles.muller@sjsu.edu	ningkun.wang@sjsu.edu
Office Hours:	Fridays 8:00 – 9:00 am	Tuesdays and Thursdays 12:00 – 1:00 pm
Class Days/Time:	Tuesdays 4:30 pm – 5:45 pm	
Classroom:	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.

Course Learning Objectives

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 5:45 pm, which means that 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 6 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 6 pm on Sunday) will receive no credit. To best construct questions that receive full credit, attendance at the entire seminar is required.

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

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 05/24/2022 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 4:30 to 5:45 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, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be 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 2022, Course Schedule

Tentative Seminar Schedule

See Canvas or the Chemistry website for the current schedule.

Week	Date	Speaker
	1/27/2022	Extra Seminar Biochemistry Faculty Candidate <i>Online via Zoom</i>
1	2/1/2022	TBD <i>Online via Zoom</i>
	2/3/2022	Extra Seminar Biochemistry Faculty Candidate <i>Online via Zoom</i>
2	2/8/2022	TBD <i>Online via Zoom</i>
3	2/15/2022	TBD
4	2/22/2022	Dr. Alexander Payumo (San José State University Department of Biological Sciences)
5	3/1/2022	Dr. Sara Capponi (IBM)
6	3/8/2022	Dr. Marlin Halim (CSU East Bay)
7	3/15/2022	Dr. Jeff Bryan (University of Wisconsin, La Crosse)
8	3/22/2022	Ms. Lucero Sandoval (San José State University)
9	3/29/2022	<i>Spring Break</i>
10	4/5/2022	Ms. Su Hu (San José State University)
11	4/12/2022	Dr. Andrew Ingram (Gevo Inc.)
12	4/19/2022	Dr. Shaowei Chen (University of California Santa Cruz)
13	4/26/2022	Ms. Leslie Duong (San José State University)
14	5/3/2022	Ms. Kenia Mejia Escobar (San José State University)
15	5/10/2022	Dr. Daryl Eggers (San José State University Department of Chemistry)