

CHEM 1319 (General Chemistry Lab) Instruction in FS 2020 (Upd. 08/22/2020)

In-person CHEM 1319 laboratory sections 304 and 308 were moved from Tuesdays to Thursdays to better accommodate the study schedules of eligible students in categories (a) and (b) (see description below), These sections are now scheduled as follows:

Section 304 (12 students)	Thursdays 8:00 am – 10:50 am	212 Schrenk Hall
Section 308 (12 students)	Thursdays 1:00 pm – 3:50 pm	212 Schrenk Hall

CHEM 1319 (General Chemistry Lab) Instruction in FS 2020 (07/08/2020)

The CHEM 1319 laboratory space at Schrenk Hall in conjunction with the rules of social distancing to prevent the spread of COVID-19 will prevent the Chemistry Department from returning completely to in-person laboratory instruction in FS 2020. Therefore, the following guidelines will be implemented to serve best the needs of students to progress successfully in their chosen degree program:

- (a) The American Chemical Society (ACS) Committee on Professional Training (CPT) requires that laboratory courses of approved Chemistry B.S. degree programs are taught hands-on, in-person, and in an appropriate and safe laboratory environment.* Thus, we will make sure that all **Chemistry** majors return to in-person lab instruction, including students majoring in the Chemistry B.S. emphasis programs of Biochemistry, Polymer and Coatings, Pre-medical Studies, and Secondary Education.
- (b) We will welcome back to in-person laboratory instruction students for which CHEM 1310 (General Chemistry I) and CHEM 1319 (General Chemistry Lab) are not terminal chemistry courses. This includes student majors of **Biology** and **Physics**, as well as first-year-experience engineering students anticipating to major in **Ceramics Engineering, Chemical and Biochemical Engineering, Environmental Engineering, and Metallurgical Engineering.**

* Undergraduate Professional Education in Chemistry, ACS Guidelines and Evaluation for Bachelor's Degree Programs, Spring 2015, American Chemical Society, Committee on Professional Training, Section 5.11 Online and Virtual Instruction, pp.15-16.

<https://www.acs.org/content/dam/acsorg/about/governance/committees/training/2015-acg-guidelines-for-bachelors-degree-programs.pdf>

(c) All other students will be enrolled in online-synchronous live-streamed laboratory courses. The Chemistry Department will make sure that the online laboratory experience is, if not equal to, at least as close to in-person experience as possible. Students will participate remotely and interactively in laboratory experiments that are performed live in front of multiple switchable cameras by a trained undergraduate teaching assistant. A chemistry faculty instructor will guide through the experimentation and narrate live the laboratory instructions that are also available online.

All student (regardless of their major) will participate in authentic and hands-on activities called In-the-Commons (ITC) experimentation. The Chemistry Department will provide the necessary experimentation kits for pickup and drop-off at a central location (214 Schrenk Hall).

CHEM 1319 in-person sections:

*These sections are only for students majoring in, or anticipating to major in, the following degree programs: **Chemistry, Biology, Physics, Ceramics Engineering, Chemical and Biochemical Engineering, Environmental Engineering, and Metallurgical Engineering.***

Section 301 (12 students)	Tuesdays	8:00 am – 10:50 am	201 Schrenk Hall
Section 302 (12 students)	Tuesdays	8:00 am – 10:50 am	212 Schrenk Hall
Section 303 (12 students)	Tuesdays	8:00 am – 10:50 am	201 Schrenk Hall
Section 304 (12 students)	Tuesdays	8:00 am – 10:50 am	212 Schrenk Hall
Section 305 (12 students)	Tuesdays	1:00 pm – 3:50 pm	201 Schrenk Hall
Section 306 (12 students)	Tuesdays	1:00 pm – 3:50 pm	212 Schrenk Hall
Section 307 (12 students)	Tuesdays	1:00 pm – 3:50 pm	201 Schrenk Hall
Section 308 (12 students)	Tuesdays	1:00 pm – 3:50 pm	212 Schrenk Hall
Section 317 (12 students)	Thursdays	1:00 pm – 3:50 pm	201 Schrenk Hall
Section 318 (12 students)	Thursdays	1:00 pm – 3:50 pm	212 Schrenk Hall
Section 308 (12 students)	Thursdays	1:00 pm – 3:50 pm	212 Schrenk Hall
Section 319 (12 students)	Thursdays	8:00 am – 10:50 am	201 Schrenk Hall
Section 304 (12 students)	Thursdays	8:00 am – 10:50 am	212 Schrenk Hall
Section 320 (12 students)	Thursdays	8:00 am – 10:50 am	212 Schrenk Hall

CHEM 1319 live-stream sections:

These sections are for all students not majoring in one of the degree programs mentioned above.

Section 309	Tuesdays	6:00 pm – 8:50 pm
Section 310	Thursdays	6:00 pm – 8:50 am