

Chemistry Seminar - Information and Resources

Course Syllabus

Time/Location: 11:00 - 12:00 P (Sims 320)
Prerequisites: Grade of C- or better in CHEM105, CHEM106 or CHEM107
Office/Phone: 314A Sims Science Building/803-323-4839
Office Hours: M 1-2 (Zoom), W 9:30-10:30 (office or Zoom), R 2:00-3:00 (office or Zoom)
Zoom ID: 803 323 4839(24/7)

Seminar Calendar
Writes **Seminar Requirements** (due one week after each talk or event)
Introduction
Seminars play a critical role in science, providing a venue for public dissemination of scientific methods, results and advances. In a variety of venues, seminars can also provide networking opportunities through face-to-face contacts. A typical seminar involves an introduction of a speaker, then a presentation followed by a time for questions and discussion. Some of the seminar meetings will highlight scientists from other universities, industries and government agencies to provide students with a broad perspective of the chemistry enterprise. The seminar course is also designed to support your career development and connection to discipline through talks, workshops, forums with visitors outside chemistry from Winthrop (i.e. career development), and department level information and activities. You'll likely be attending seminars developing and presenting a variety of seminars, seminars, continuing education courses, training sessions and workshops throughout your career, regardless of your chosen field.

Course Goals
The seminar course is designed to broaden your horizons and support your career and connection to discipline through talks, workshops, forums with visitors outside chemistry from Winthrop (i.e. career development), and department level information and activities. The meetings are a combination of research talks inside and outside Winthrop, industrial recruiting, alumni visits, career development (i.e. resume/interview, education/career options, scholarships), Winthrop chemistry club info, graduate school recruiting, and more.

University Competencies
Winthrop University's faculty adopted a set of four University Level Competencies (U.L.C.) that describe the qualities our students develop during their Winthrop career. It is easy to see that the seminar topics involve solving problems and developing analytical/communication skills. However, you will also learn the responsibilities of chemists to the greater good of our planet and society, as well as the global nature of chemistry. Within the discussions of the seminars, think you will find this course fits well with all four competencies.

Competency 1: Winthrop graduates think critically and solve problems. This course asks you to take in relevant information from multiple viewpoints. The variety of seminars allows you to see broad context, examine how others think through and critically solve problems.

Competency 2: Winthrop graduates are personally and socially responsible. In this course, you will learn about the perspectives of others, and reflect on your experience and learning process, giving you a greater sense of inclusion within the chemistry community, as well as broader scientific community.

Competency 3: Winthrop graduates understand the interconnected nature of the world and the time in which they live. In this course, you'll better understand context of discipline, and come to recognize your own potential career path in connection to other fields. You are engaging with your peers and other members of diverse academic.

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Course Calendar



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