

CHEM 606: Ethics in Chemistry

Meeting times: Varies

Instructor of Record: Director of Graduate Students

Credit hours: 1

Course Description

Chem 606: Ethics in Chemistry is a required course for all chemistry graduate students. The course is intended to promote discussion of ethical considerations relevant to the practice and praxis of chemistry and to integrate explicit attention to ethics into the regular course of graduate education. The course content will be presented as a series of workshops scheduled throughout the semester, with optional credit applied for specific workshops completed in previous semesters. Students must attend six hours of training to successfully complete the course. This course is one of the three elements that make up the [Jones Program in Ethics](#) and students should review the details of this program to understand the course context.

Timeline

Students may receive credit for the following workshops completed in previous semesters:

Workshop Title	Date	Place
Ethical Communication w/ Dr. Ed Lee	August 2023 during orientation	Atwood 260
Navigating publishing ethics w/ Dr. Jenny Stein	February 12, 2024	Atwood 360
Ethical Communication w/ Dr. Ed Lee	August 21, 2024 during orientation	Atwood 260

And the following workshops will be offered during the Fall 2024 semester:

Workshop Title	Date	Place
“Safeguarding Ethics & Integrity: Effective Strategies to Prevent Research Misconduct” with Deepika Bhatia	November 7, 2024 @ 1pm	
<i>Pending</i>		

Grading

Chem 504 is graded on an S / U scale.

OVERALL GRADING CRITERIA

Satisfactory – Students who successfully complete six hours of eligible workshops for CHEM 504 will receive an “S” grade.

Unsatisfactory - Students that complete fewer than six hours of workshops for CHEM 504 may receive a “U” grade.

GRADING CRITERIA FOR INDIVIDUAL WORKSHOPS

Successful completion of an individual workshop requires that students conduct themselves in a professional manner and make a reasonable effort to participate in any activities offered by the workshop instructor. Students who arrive late or leave early may not receive credit for a workshop and must complete an alternative assignment.

Attendance

Successful completion of each individual workshop requires that students conduct themselves in a professional manner and make a reasonable effort to participate in any activities offered by the workshop instructor. Students must attend the entire workshop, including and Q&A, to receive credit.

Students who miss workshops due to approved excuses, such as attendance issues due to illness, TA commitments, or other unforeseen circumstances, may complete an alternative assignment with the permission of the DGS. This also applies to students who arrive late to a workshop or leave early. Eligible make-up assignments include:

- [ACS Reviewer Lab](#) (certificate of completion must be submitted to receive credit)
- [Data Ethics: Making Data-Driven Decisions](#) on LinkedIn Learning (free from Emory Libraries, certificate of completion must be submitted to receive credit)

Course Goals

The goal of CHEM 606: Ethics in Chemistry is to provide students with targeted practice in considering the ethical dimensions of chemistry research and teaching and to apply an ethical lens to their work at Emory and beyond. Topics that may be covered:

1. Data Management
2. Mentoring
3. Authorship
4. Peer Review
5. Collaboration

6. Human Subjects
7. Animals
8. Scholarly Misconduct
9. Conflict of Interest
10. Ethics of Teaching
11. Public Scholarship

By the end of this course, students should be able to:

1. Explain the disparities in values that create ethical dilemmas.
2. Justify the importance of responsible engagement in scholarly inquiry.
3. Identify ethical challenges as they arise during research, training, and professional life.
4. Implement a process for addressing ethical issues.
5. Respect disciplinary codes of conduct, institutional policies, and global standards in scholarly inquiry.
6. Locate resources for ensuring ethical practices in a variety of contexts

Other Requirements and Policies

Concerns and grievances: Any student may schedule a meeting with any member of the graduate team to discuss a concern or grievance they may experience. Students may also submit a formal grievance to the graduate committee. Please visit [Section VI, Article 2 of the Chemistry Graduate Program Handbook](#) for more information.

Accessibility: As the instructor of this course, I endeavor to provide an inclusive learning environment. I want every student to succeed. The Department of Accessibility Services (DAS) works with students who have disabilities to provide reasonable accommodations. It is your responsibility to request accommodations. In order to receive consideration for reasonable accommodations, you must register with the DAS at <https://accessibility.emory.edu/students/>. Accommodations cannot be retroactively applied so you need to contact DAS as early as possible and contact me as early as possible in the semester to discuss the plan for implementation of your accommodations. For additional information about accessibility and accommodations, please contact the DAS at (404) 727-9877 or accessibility@emory.edu.

Academic Integrity: You are expected to uphold and cooperate in maintaining academic integrity as a member of the Laney Graduate School. By taking this course, you affirm your commitment to the Laney Graduate School Honor Code, which you can find in the Laney Graduate School Handbook. You should ensure that you are familiar with the rights and responsibilities of members of our academic community and with policies that apply to students as members of our academic community. Any individual, when they suspect that an offense of academic misconduct has occurred, shall report this suspected breach to the appropriate Director of Graduate Studies, Program Director, or Dean of the Laney Graduate School. If an allegation is reported to a Director of Graduate Studies or a Program Director, they are in turn required to report the allegation to the Dean of Laney Graduate School.

