New York University – College of Arts and Science
Department of Chemistry
Honors Undergraduate Seminar (Chem UA – 995)

Instructor Information

● Professor Marc Walters
● Office hours: Tuesday 3-4 pm, Friday 2-3 pm
● marc.walters@nyu.edu
● Tel: 212-998-8477

Course Information

● Chem UA – 995 Honors Undergraduate Seminar
● 4 credits
● Fall 2022
● Monday 9:30 – 10:45 am Credit hours reflect the total of classroom meeting time and research hours.
● Location: 12 Waverly St., Rm L113
● Co-requisites or prerequisites: None

Course Description

Course Goals / Objectives

● The purpose of this course is to learn and develop skills as a presenter of research results leading to the completion of an Honors Chemistry thesis and participation in the NYU research symposium at the end of the spring semester.

● At the end of the semester you will be required to submit a the introductory chapter of the along with an outline for the full thesis.
Course Materials

Required Textbooks & Materials

- None. Students will need a bibliography software such as EndNote to properly cite outside sources for the thesis.

Resources

- How to Succeed in Your Course site: Link TBA
- Access your course materials: Brightspace link
- Databases, journal articles, and more: Bobst Library (library.nyu.edu), EndNote (https://guides.nyu.edu/endnote)
- Assistance with strengthening your writing: NYU Writing Center (nyu.mywconline.com)
- Obtain 24/7 technology assistance: IT Help Desk (nyu.edu/it/servicedesk)
- Tutoring and academic skills workshops are offered by the University Learning Center: www.nyu.edu/cas/clc
- Support for personal and health-related issues at the Wellness Exchange: (212) 443-9999 (24/7 confidential calls): www.nyu.edu/999

Course Policies

CAS Academic Policies can be found at
https://cas.nyu.edu/academic-programs/bulletin/policies/academic-policies.html.

Attendance and Tardiness

Full attendance and punctuality, are components of class participation and have been the norm for this course. The integrity of the seminar series depends on it. If you know the date of a necessary absence please inform the professor at the beginning of the semester. Repeated tardiness must be avoided as it will adversely affect your grade.

Late Assignments (may also include missed and makeup exams)

Late assignments may result in a grade penalty.

Academic Integrity/Plagiarism

Academic Integrity, Plagiarism, and Cheating (adapted from the website of the College of Arts and Science, https://cas.nyu.edu/content/nyu-as/cas/academic-integrity.html): Academic integrity means that the work you submit is original. Copying all or part of a paper straight from a book, the Internet, a fellow student or a published paper on which you are not the
first author is a violation of this principle. But there are other forms of cheating or plagiarizing which are just as serious — for example, presenting an oral report drawn without attribution from other sources (oral or written); writing a sentence or paragraph which, despite being in different words, expresses someone else’s idea(s) without a reference to the source of the idea(s); or submitting essentially the same paper in two different courses (unless both instructors have given their permission in advance).

Disability Disclosure Statement

New York University is committed to providing equal educational opportunity and participation for students of all abilities. We work with NYU students to determine appropriate and reasonable accommodations that support equal access to a world-class education.

Students requesting academic accommodations are advised to reach out to the Moses Center for Student Accessibility as early as possible in the semester for assistance.

Henry and Lucy Moses Center for Student Accessibility
Telephone: 212-998-4980
Website: http://www.nyu.edu/csd
Email: mosescsd@nyu.edu

Wellness Statement

Student wellness (https://cas.nyu.edu/content/nyu-as/cas/academic-programs/student-wellness.html) is the responsibility of us all.

The NYU Wellness Exchange is the constellation of NYU’s programs and services designed to address the overall health and mental health needs of its students. Students can access this service 24 hours a day, seven days a week: wellness.exchange@nyu.edu; (212) 443-9999. Students may also call the Wellness Exchange hotline (212-443-9999) or the NYU Counseling Service (212-998-4780) to make an appointment for single session, short-term, or group counseling sessions.

Assignments/Requirements and Grading Breakdown

Students will give two presentations in the format of an American Chemical Society short talk (20 min time slot) with about 15 –17 min for the setup and presentation, and 3 – 5 minutes for questions.

The first presentation in early to mid-semester is science outside of your area of research. This year you will select topics from earth and environment. The level of presentation MUST be suitable for 1st year college students in general chemistry.
The second presentation in mid- to late-semester is on your research project (or the science of your research group).

A third presentation, in the form of a poster, (PowerPoint format) follows.

At the end of the semester you will be required to submit a thesis outline and a draft of the thesis introduction with appropriate and properly formatted references.

We need volunteers to serve as session chairs whose responsibility is to keep the program on schedule and to moderate discussion.

Practice your talk! It MUST fit into the allotted time.

The presentations should be enjoyable and accessible to a general audience, i.e. faculty and well educated students of chemistry outside of your special area of research.

The talks are announced in Abstracts that are posted on Bright Space. Evaluation forms will similarly be posted on line or sent to you by email.

Abstracts must be posted on Thursdays, two working days before the presentations. Evaluation forms must be completed by the following Tuesday, the day after the presentation.

Evaluation summaries are sent to the speakers usually prior to the next series of talks.

The grade for this course will be determined according to the following formula:

<table>
<thead>
<tr>
<th>Assignments/Activities</th>
<th>Description</th>
<th>% of Final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-research presentation, and</td>
<td>PowerPoint presentation on a selected topic. See syllabus.</td>
<td>25%</td>
</tr>
<tr>
<td>Research presentation and poster presentation</td>
<td>PowerPoint presentation on the senior research project.</td>
<td>25%</td>
</tr>
<tr>
<td>Class participation</td>
<td>Poster presentation on the senior research project.</td>
<td>25%</td>
</tr>
<tr>
<td>Thesis outline. Complete thesis Introduction.</td>
<td>Format details will be presented to guide students in this assignment.</td>
<td>25%</td>
</tr>
</tbody>
</table>
Class Grade
Grades are based on

(1) In-class participation:
   (a) Your presentations
   (b) Interactions with other presenters
(2) Timely completion of all evaluations.
(3) The quality of the thesis related writing.

Course Schedule

<table>
<thead>
<tr>
<th>DATE</th>
<th>Talk 1</th>
<th>Talk 2</th>
<th>Session Chair</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept 12</td>
<td>Organization Day/ Walters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sept 19</td>
<td></td>
<td>Walters Out</td>
<td></td>
</tr>
<tr>
<td>Sept 26</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 11* (Tues)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 17</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oct 31</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov 7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov 14</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov 21</td>
<td></td>
<td>Thesis outline and poster discussion</td>
<td></td>
</tr>
<tr>
<td>Nov 28</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Event</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dec 5</td>
<td>Thesis Abstract and Introduction chapter (with references) due.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dec 12</td>
<td>Eclectic talk</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Posters</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Research talk</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>