

# CHM 2210, Organic Chemistry 1, Spring 2023, Section 23154

## **Instructor:** Professor Alex Grenning

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**Contact:** *For grade related issues or other private inquiries:* please contact me via Canvas (not email). Allow up to 48 hours for a response, not counting weekends. *For content related inquiries:* Please attend AG's office hours, TA office hours, or seek help at the Chemistry Learning Center.

**Class Time & Location:** Tuesday: Flint Hall 0050 | Period 4 - 5 (10:40 AM - 12:35 PM).  
Thursday: Flint Hall 0050 | Period 5 (11:45 AM - 12:35 PM)

**AG Office Hours:** Wednesday: In Person or on Zoom: SFH 402 | 9:00 AM – 9:50 AM  
Friday: Zoom only 10:00 AM – 10:50 AM

**TA Office Hours:** TA Office Hours are held in the Chemistry Learning Center. Specific details will be updated in the first week of the semester.

**Zoom Information:** Meeting ID: 912 4147 4891  
Passcode: OChem!  
[Join Zoom Meeting](#)

**Course Description:** The first half of the CHM 2210/2211 sequence intended for majors and preprofessional students. A study of the structures, syntheses, and reactions of organic compounds.

**Prerequisites:** CHM 2046 or CHM 2096 or CHM 2047 or CHM 2051 or the equivalent.

**Learning Outcomes/Objectives:** Upon completion of this course, a successful student will be able to:

- Discuss the basic concepts of organic chemistry;
- Identify the nomenclature, stereochemistry, physical/chemical properties, and reactivity of organic compounds;
- Suggest and predict basic reaction mechanisms and the underlying chemical principles at work;
- Explain how organic chemistry is operable in living organisms and in the world at large.

**Required Textbook:** ORGANIC CHEMISTRY by BROWN, IVERSON, ANSLYN, FOOTE, 8<sup>th</sup> edition – [LINK](#) – (physical copy or e-book; CENGAGE Learning; ISBN: 9781305580350). NOTE: There is also an accompanying “Student Study Guide and Solutions Manual” that maybe helpful (CENGAGE Learning; ISBN: 9781305864504).

**Recommended Model Set:** A molecular model set is highly recommended. For example, Molymod ([LINK](#)).

**Online Resources:** There are many helpful resources for organic chemistry students:

- [Virtual Textbook of Organic Chemistry](#)
- [Master Organic Chemistry](#)

**Canvas (e-Learning) Website.** Canvas will be extensively used for course content, communication, and grading. All registered students have access to the e-Learning website: <https://elearning.ufl.edu>

## **Assignments and Grading:**

There will be four (4) progress exams throughout the semester giving during the Tuesday class periods. You will have 1 hour and 55 minutes to complete the exams.

Exam 1 – Tuesday Jan. 31<sup>st</sup>, 2023 (10:40 AM – 12:35 PM).

Exam 2 – Tuesday Feb. 28<sup>th</sup>, 2023 (10:40 AM – 12:35 PM).

Exam 3 – Tuesday Apr. 4<sup>th</sup>, 2023 (10:40 AM – 12:35 PM).

Exam 4 – Monday May 1<sup>st</sup>, 2023 (12:30 PM – 2:30 PM).

Exams will be equally weighted, each worth 25% of your final grade. Your lowest exam grade will be replaced with the average of all of your exams.

**Exam Absence Policy:** This course administers all conflicts with scheduled exams in accord with university policy. University recognized conflicts include, but are not limited to, religious observances, participation in official university activities, military obligations, and court-imposed legal obligations. Students will be given the opportunity to take a conflict exam, which will be given shortly before the scheduled exam provided that the conflict is a) properly documented and b) disclosed to the instructor at least one week before the scheduled exam.

**Unpredicted Absences** due to medical or sudden family emergencies are not covered under the above conflict exam policy. A student who is absent for an exam due to one of the reasons listed above must contact the instructor as soon as they are able and must submit documentation to the Dean of Students Office (<https://care.dso.ufl.edu/instructor-notifications/>). Once the instructor is satisfied with the validity of the documentation, one of two options are available at the instructor's discretion: (1) A make-up exam will be scheduled after a reasonable amount of time, i.e., before the end of the semester. (2) The missed exam grade will be replaced with the average of all the other exams. If the student's documentation is deemed insufficient to excuse the absence, a score of zero will be assigned for the missed exam. Exams missed without any documentation will be assigned a score of zero.

**Exam Regrades:** If you have a question concerning the grading of an exam, you may submit it for regrading. Once submitted, the entire exam will be regraded to ensure accuracy, and your score may increase or decrease accordingly. All regrade requests must be submitted to the instructor in writing by the student no later than 5 school days after the date that the exams are returned to the class. Staple the cover sheet (regrade request form) provided in Canvas to the exam and briefly describe the perceived grading error. Questions regarding grades/grading are not accepted by email or Canvas message. Please note that your exams will be scanned or photocopied prior to being returned to you. The regrade request period for the final exam may be shortened; details will be communicated to the class.

**Homework:** Homework problems and worksheets with additional problems have been posted to Canvas. Homework assignments will not be collected or graded. However, faithfully and relentlessly completing the homework is one of the critical steps for mastering organic chemistry. Do not get behind on the homework. This is not a course in which you can "cram" before an exam. If you begin studying just two days before the exam, you will likely not do well. Stay on top of all reading, notes, and homework. A successful student typically spends several hours each day studying and completing homework problems in this course.

**Attendance:** Attendance for lectures is mandatory but will not be recorded. Zoom attendance is not possible. This is a fast-paced course in which falling behind on lecture material may lead to your demise. Attend all lectures and be proactive in your studies!

**Dropping the course:** Visit the chemistry undergraduate coordinator: Dr. Tammy Davidson, 429 Sisler, ([davidson@chem.ufl.edu](mailto:davidson@chem.ufl.edu)).

**Accommodations for students with disabilities:** Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

**UF Honor Code:** We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity. On all work submitted for credit by students at the university, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." "The university requires all members of its community to be honest in all endeavors. A fundamental principle is that the whole process of learning and pursuit of knowledge is

diminished by cheating, plagiarism and other acts of academic dishonesty. In addition, every dishonest act in the academic environment affects other students adversely, from the skewing of the grading curve to giving unfair advantage for honors or for professional or graduate school admission. Therefore, the university will take severe action against dishonest students. Similarly, measures will be taken against faculty, staff and administrators who practice dishonest or demeaning behavior.”

***Cheating and Plagiarism:*** Cheating and/or plagiarism will not be tolerated. The minimum penalty will be an automatic zero on the assignment in question. It will count toward your average. Suspension from the University may also result. Do not risk it. It is not worth it. Plagiarism consists of passing off as one’s own the ideas, words, writings, etc. that belong to someone else. You are committing plagiarism if you copy the work of another person and turn it in as your own, even if you have that person’s permission. See: <https://catalog.ufl.edu/ugrad/1617/advising/info/student-honor-code.aspx#honesty>.

***Faculty Evaluations:*** Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens and they can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

***In-Class Recording:*** Students are allowed to record video or audio of class lectures in accordance with UF policy. Recordings are for *personal use only* and may not be shared with anyone else, not even fellow students. A recording of a class lecture may not be published without the consent of the lecturer. Publish means share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of the recording, is considered to be published if it is posted on or uploaded to, in whole or part, any media platform, including but not limited to social media, book, magazine, newspaper or leaflet. For full details visit <https://aa.ufl.edu/policies/in-class-recording/>

***Copyright Notice.*** All handouts used in this course are copyrighted and may not be copied without expressly granted permission from Prof. Brent Sumerlin. “Handouts” include all materials generated for this class, which include but are not limited to syllabi, exams, problems, in-class materials, review sheets, problem sets, or other materials. Tutors and tutoring services are expressly forbidden from copying any or all of these materials. Only students currently enrolled in the class may make a single copy of this material for their personal use.

**Class Schedule: Subject to Change**

Date	Day	Time		Date	Day	Time	
Jan 10th	Tuesday	10:40 AM – 11:30 AM	Chapter 1	Mar 7th	Tuesday	10:40 AM – 11:30 AM	Chapter 8
Jan 10th	Tuesday	11:45 AM – 12:35 PM	Chapter 1/4	Mar 7th	Tuesday	11:45 AM – 12:35 PM	Chapter 8
Jan 12th	Thursday	10:40 AM – 11:30 AM	Chapter 4	Mar 9th	Thursday	10:40 AM – 11:30 AM	Chapter 8
Jan 17th	Tuesday	10:40 AM – 11:30 AM	Chapter 2	Mar 14th	Tuesday	10:40 AM – 11:30 AM	Spring Break
Jan 17th	Tuesday	11:45 AM – 12:35 PM	Chapter 2	Mar 14th	Tuesday	11:45 AM – 12:35 PM	Spring Break
Jan 19th	Thursday	10:40 AM – 11:30 AM	Chapter 2	Mar 16th	Thursday	10:40 AM – 11:30 AM	Spring Break
Jan 24th	Tuesday	10:40 AM – 11:30 AM	Chapter 3	Mar 21st	Tuesday	10:40 AM – 11:30 AM	Chapter 9
Jan 24th	Tuesday	11:45 AM – 12:35 PM	Chapter 3	Mar 21st	Tuesday	11:45 AM – 12:35 PM	Chapter 9
Jan 26th	Thursday	10:40 AM – 11:30 AM	Chapter 3	Mar 23rd	Thursday	10:40 AM – 11:30 AM	Chapter 9
Jan 31st	Tuesday	10:40 AM – 11:30 AM	<b>Exam 1</b>	Mar 28th	Tuesday	10:40 AM – 11:30 AM	Chapter 9
Jan 31st	Tuesday	11:45 AM – 12:35 PM		Mar 28th	Tuesday	11:45 AM – 12:35 PM	Chapter 9
Feb 2nd	Thursday	10:40 AM – 11:30 AM	Chapter 5	Mar 30th	Thursday	10:40 AM – 11:30 AM	review
Feb 7th	Tuesday	10:40 AM – 11:30 AM	Chapter 6	Apr 4th	Tuesday	10:40 AM – 11:30 AM	<b>Exam 3</b>
Feb 7th	Tuesday	11:45 AM – 12:35 PM	Chapter 6	Apr 4th	Tuesday	11:45 AM – 12:35 PM	
Feb 9th	Thursday	10:40 AM – 11:30 AM	Chapter 6	Apr 6th	Thursday	10:40 AM – 11:30 AM	Chapter 10
Feb 14th	Tuesday	10:40 AM – 11:30 AM	Chapter 6	Apr 11th	Tuesday	10:40 AM – 11:30 AM	Chapter 10
Feb 14th	Tuesday	11:45 AM – 12:35 PM	Chapter 7	Apr 11th	Tuesday	11:45 AM – 12:35 PM	Chapter 10
Feb 16th	Thursday	10:40 AM – 11:30 AM	Chapter 7	Apr 13th	Thursday	10:40 AM – 11:30 AM	Chapter 10
Feb 21st	Tuesday	10:40 AM – 11:30 AM	Chapter 7	Apr 18th	Tuesday	10:40 AM – 11:30 AM	Chapter 11
Feb 21st	Tuesday	11:45 AM – 12:35 PM	Chapter 7	Apr 18th	Tuesday	11:45 AM – 12:35 PM	Chapter 11
Feb 23rd	Thursday	10:40 AM – 11:30 AM	review	Apr 20th	Thursday	10:40 AM – 11:30 AM	Chapter 11
Feb 28th	Tuesday	10:40 AM – 11:30 AM	<b>Exam 2</b>	Apr 25th	Tuesday	10:40 AM – 11:30 AM	Chapter 11
Feb 28th	Tuesday	11:45 AM – 12:35 PM		Apr 25th	Tuesday	11:45 AM – 12:35 PM	review
Mar 2nd	Thursday	10:40 AM – 11:30 AM	Chapter 8	Apr 27th	Thursday	10:40 AM – 11:30 AM	Reading Day
				May 1st	Monday	12:30 PM – 02:30 PM	<b>Exam 4</b>