

CHEM 2325-Fundamentals of Organic Chemistry II, Spring 2024

Section 10597: T/Th, 10 – 11:30 AM, Fleming 160

Section 10596: T/Th, 1 – 2:30 PM, Fleming 160

Disclaimer: The Instructor has the authority to alter this syllabus in the case of weather events, university power outages, pandemics, or any other event that requires the university to close.

Instructor: Dr. Mary Bean

Office: 318 STL

Office Hours: Mon./Wed.: 1-3:00 PM, T/Th 2:30-3:30 PM, or by appointment (No appointments during office hours)

Office phone: (713) 743-8552 (I prefer email.)

Email address: mbean3@uh.edu ALWAYS give your REAL name, course (organic lecture or lab), and 5-digit section number. Other rules for email will be discussed on the first day of class. If you don't want me to address you by your first name, please sign your email with your preferred title (Ms./Mr./Mrs./etc.). Feel free to indicate your preferred pronoun.

When I need to communicate with the whole class, I will use your uh.edu email address not your cougarnet.uh.edu address.

Textbook: L. G. Wade and J.M. Simek, Organic Chemistry (9th edition) and Solutions Manual
We are NOT using Mastering Chemistry, so earlier editions are OK.

Required notes: Copies of the "slides" used in class must be downloaded from the class webpage: <https://www.uh.edu/nsm/chemistry/people/profiles/mary-bean/chem2325/> (You won't be able to keep up without them.)

Grading: 3 Evening Exams (Midterms)
The lowest exam grade will be dropped. If you miss an exam, that exam will be the grade dropped.

EXAM SCHEDULE:

Friday, February 16, 7:00-8:30 PM

Friday, March 22, 7:00-8:30 PM

Friday, April 19, 7:00-8:30 PM

Total Weight of Course Grade: The average of the two highest exams is 60%.

FINAL CUMULATIVE EXAM (Will not be dropped.)

Wednesday, May 1, 8:00-10:00 am

Total Weight of Course Grade: 40%

IMPORTANT NOTE: The final exam covers CHEM 2323 and 2325. One-half of the final exam grade will be determined by the two-semester American Chemical Society exam, and one-half will be determined by my UH exam.

All the exams will be administered in-person in multiple classrooms. The classrooms will be announced in class before the exams.

Students who require help under the Americans with Disabilities Act guidelines need to contact me directly. The email sent by the DART Center is not sufficient contact.

Material Covered: The approximate pace of the course is below. Sometimes we may be behind. Sometimes we may be ahead, so always have the next chapter of notes with you.

<u>DATES</u>	<u>MATERIAL COVERED</u>
Jan. 16,18,23	Review of CHEM 3331
Jan. 25,30	Spectroscopy Review
Feb. 1,6	Ch. 14: Ethers and Epoxides
Feb. 8,13,15	Ch. 15: Conjugated Systems, Orbital Symmetry, and UV Spectroscopy
Feb. 16	EXAM ONE: Review and Spec Rev, Ch. 14 and 15
Feb. 20,22	Ch. 16: Aromatic Compounds
Feb. 27,29, Mar. 5	Ch. 17: Reactions of Aromatic Compounds
Mar. 7,19,21	Ch. 18: Ketones and Aldehydes
Mar. 11-16	SPRING BREAK!!!
Mar. 22	EXAM TWO: Ch. 16-18
Mar. 26,28	Ch. 20: Carboxylic Acids
Apr. 2,4	Ch. 21: Carboxylic Acid Derivatives
Apr. 9,11,16,18	Ch. 22: Additions and Condensations of Enols and Enolate Ions
Apr. 19	EXAM THREE: Ch. 20 – 22
Apr. 23,25	Ch. 19: Amines
May 1	FINAL EXAM: Ch. 1-22 (NOTE: 8 – 10:00 AM!)

IMPORTANT NOTE: The schedule above is subject to change, especially the material covered on each exam. However, the exam dates will not change.

Homework: Although homework is not a part of the grade, students are strongly advised to work problems within the text of each chapter and at the end of each chapter of the textbook.

Quizzes: Quizzes are posted on the class webpage. These are provided for extra practice. At the end of every class, a relevant quiz will be announced and a class email will be sent the day before the next class. A few quiz problems will be worked at the beginning of the next class. It is to your benefit to work the entire quiz **before** class.

Other Important Dates:

January 31 Last day to drop without hours counting toward Enrollment Cap for Texas Residents (after cap is reached, tuition costs more!) Last day to drop without course appearing on the transcript

April 17 Last day to drop a course with a W

Other Notes:

1. Prerequisites: CHEM 2323
2. Students may not take CHEM 2323 and CHEM 2325 at the same time.
3. CHEM 2325 may not apply toward degree until CHEM 2125 is successfully completed.
4. All drops are the responsibility of the student.
5. I cannot assign a grade of "W" after April 17. Please do not ask.
6. The grade "I" (Incomplete) is defined by University policies. I strictly adhere to the definition. An Incomplete is not a do-over.
7. The UH Academic Honesty Policy is strictly enforced. Violators will be prosecuted to the extent allowed by the University. All exams are scanned after grading and before returning to students.
8. All grades are final. There is no extra credit in this class. I will not change your grade unless I made an error in its assignment. Unless you believe I made a mistake, please do not ask for an appointment to discuss your grade after grades are posted.

UH CAPS Statement:

Counseling and Psychological Services (CAPS) can help students who are having difficulties managing stress, adjusting to college, or feeling sad and hopeless. You can reach CAPS (www.uh.edu/caps) by calling 713-743-5454 during and after business hours for routine appointments or if you or someone you know is in crisis. No appointment is necessary for the "Let's Talk" program, a drop-in consultation service at convenient locations and hours around campus. http://www.uh.edu/caps/outreach/lets_talk.html

Syllabus Language Required and Recommended by UH (This may be updated if UH sends new guidelines.)

Required Language for Courses with a Face-to Face Component

If you are experiencing any COVID-19 symptoms that are not clearly related to a pre-existing medical condition, do not come to class. Please see [Student Protocols](#) for what to do if you experience symptoms and [Potential Exposure to Coronavirus](#) for what to do if you have potentially been exposed to COVID-19. Consult the (select: [Undergraduate Excused Absence Policy](#) or [Graduate Excused Absence Policy](#)) for information regarding excused absences due to medical reasons.

Required Language for All Courses

COVID-19 Information

Students are encouraged to visit the University's [COVID-19](#) website for important information including diagnosis and symptom protocols, on-campus testing, and vaccine information. Please check the website throughout the semester for updates.

Vaccinations

Data suggests that vaccination remains the best intervention for reliable protection against COVID-19. Students are asked to familiarize themselves with pertinent [vaccine information](#) and to consult with their health care provider. The University strongly encourages all students, faculty and staff to be vaccinated.

Reasonable Academic Adjustments/Auxiliary Aids

The University of Houston complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, pertaining to the provision of reasonable academic adjustments/auxiliary aids for disabled students. In accordance with Section 504 and ADA guidelines, UH strives to provide reasonable academic adjustments/auxiliary aids to students who request and require them. If you believe that you have a disability requiring an academic adjustments/auxiliary aid, please contact [the Justin Dart Jr. Student Accessibility Center](#) (formerly the Justin Dart, Jr. Center for Students with DisABILITIES).

Excused Absence Policy

Regular class attendance, participation, and engagement in coursework are important contributors to student success. Absences may be excused as provided in the University of Houston [Undergraduate Excused Absence Policy](#) and [Graduate Excused Absence Policy](#) for reasons including: medical illness of student or close relative, death of a close family member, legal or government proceeding that a student is obligated to attend, recognized professional and educational activities where the student is presenting, and University-sponsored activity or athletic competition. Under these policies, students with excused absences will be provided with an opportunity to make up any quiz, exam or other work that contributes to the course grade or a satisfactory alternative. Please read the full policy for details regarding reasons for excused absences, the approval process, and extended absences. Additional policies address absences related to [military service](#), [religious holy days](#), [pregnancy and related conditions](#), and [disability](#).

Recording of Class

Students may not record all or part of class, livestream all or part of class, or make/distribute screen captures, without advanced written consent of the instructor. If you have or think you may have a disability such that you need to record class-related activities, please contact the [Justin Dart, Jr. Student Accessibility Center](#). If you have an accommodation to record class-related activities, those recordings may not be shared with any other student, whether in this course or not, or with any other person or on any other platform. Classes may be recorded by the instructor. Students may use instructor's recordings for their own

studying and notetaking. Instructor's recordings are not authorized to be shared with *anyone* without the prior written approval of the instructor. Failure to comply with requirements regarding recordings will result in a disciplinary referral to the Dean of Students Office and may result in disciplinary action.

Syllabus Changes

Due to the changing nature of the COVID-19 pandemic, please note that the instructor may need to make modifications to the course syllabus and may do so at any time. Notice of such changes will be announced as quickly as possible through (*specify how students will be notified of changes*).

Recommended Language

Resources for Online Learning

The University of Houston is committed to student success, and provides information to optimize the online learning experience through our [Power-On](#) website. Please visit this website for a comprehensive set of resources, tools, and tips including: obtaining access to the internet, AccessUH, and Blackboard; requesting a laptop through the Laptop Loaner Program; using your smartphone as a webcam; and downloading Microsoft Office 365 at no cost. For questions or assistance contact UHOnline@uh.edu.

Webcams

Access to a webcam is required for students participating remotely in this course. Webcams must be turned on (*state when webcams are required to be on and the academic basis for requiring them to be on*). (*Example: Webcams must be turned on during exams to ensure the academic integrity of exam administration.*)

Academic Honesty Policy

High ethical standards are critical to the integrity of any institution, and bear directly on the ultimate value of conferred degrees.

All UH community members are expected to contribute to an atmosphere of the highest possible ethical standards. Maintaining such an atmosphere requires that any instances of academic dishonesty be recognized and addressed. The [UH Academic Honesty Policy](#) is designed to handle those instances with fairness to all parties involved: the students, the instructors, and the University itself. All students and faculty of the University of Houston are responsible for being familiar with this policy.

Title IX/Sexual Misconduct

Per the UHS Sexual Misconduct Policy, your instructor is a “responsible employee” for reporting purposes under Title IX regulations and state law and must report incidents of sexual misconduct (sexual harassment, non-consensual sexual contact, sexual assault, sexual exploitation, sexual intimidation, intimate partner violence, or stalking) about which they become aware to the Title IX office. Please know there are places on campus where you can make a report in confidence. You can find more information about resources on the Title IX website at <https://uh.edu/equal-opportunity/title-ix-sexual-misconduct/resources/>.

Security Escorts and Cougar Ride

UHPD continually works with the University community to make the campus a safe place to learn, work, and live. Our Security escort service is designed for the community members who have safety concerns and would like to have a Security Officer walk with them, for their safety, as they make their way across campus. Based on availability either a UHPD Security Officer or Police Officer will escort students, faculty, and staff to locations beginning and ending on campus. If you feel that you need a Security Officer to walk with you for your safety please call [713-743-3333](tel:713-743-3333). Arrangements may be made for special needs.

Parking and Transportation Services also offers a late-night, on-demand shuttle service called Cougar Ride that provides rides to and from all on-campus shuttle stops, as well as the MD Anderson Library, Cougar Village/Moody Towers and the UH Technology Bridge. Rides can be requested through the UH Go app. Days and hours of operation can be found at <https://uh.edu/af-university-services/parking/cougar-ride/>.

Helpful Information

Coogs Care: <https://uh.edu/dsa/coogscare/>

Student Health Center: <https://www.uh.edu/healthcenter/>