**CHEM 2323-Fundamentals of Organic Chemistry, Fall 2023**

Section 11355, T/Th, 10:00 – 11:30 AM, F 160

Section 11358, T/Th, 1:00 – 2:30 PM, F 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.

Dr. Mary Bean

**Office**: 318 STL

**Office Hours**: Mon./Wed.: 1-3:00 PM, T/Th 2:30-3:30 PM, or by appointment at other times

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

**Email address**: [mbean3@uh.edu](mailto: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., Mrs., Mr.). 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 at **https://uh.edu/nsm/chemistry/people/profiles/mary-bean/chem2323/**

Taking notes will be difficult without these copies.

**Strongly Suggested**: Molecular Models (Wait to purchase until discussed in class.)

**Grading**: 3 Evening Exams

The lowest exam grade will be dropped. If you miss an exam, that exam will be the grade dropped.

**EXAM SCHEDULE**:

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

Friday, October 20, 7:00-8:30 PM

Friday, November 17, 7:00-8:30 PM

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

**FINAL CUMULATIVE EXAM**

**Tuesday, December 5, 8:00-11:00 am**

*Total Weight of Final Grade: 40%*

**Students requiring assistance under the Americans with Disabilities Act guidelines must discuss accommodations with me in person within the first two weeks of class.**

DATES MATERIAL COVERED

Aug. 22,24 1: Intro and Review

Aug. 29,31 2: Structure and Properties of Organic Molecules

Sept. 5,7,12 3: Structure and Stereochemistry of Alkanes

Sept. 14,19 4: The Study of Chemical Reactions

**Sept. 22** **EXAM ONE: Chapters 1-4**

Sept. 21,26 5: Stereochemistry

Sept. 28, Oct. 3,5 6: Alkyl Halides: Nucleophilic Substitution and Elimination

Oct. 10,12 7: Structure and Synthesis of Alkenes

Oct. 17,19,24 8: Reactions of Alkenes

**Oct. 20**  **EXAM TWO: Chapters 5-8 (partial)**

Oct. 26,31 9: Alkynes

Nov. 2,7 10: Structure and Synthesis of Alcohols

Nov. 9,14 11: Reactions of Alcohols

Nov. 16,21 12: Infrared Spectroscopy and Mass Spectrometry

**Nov. 17**  **EXAM THREE: Chapters 8(partial)-11**

Nov. 22-25 Thanksgiving Holiday

Nov. 28,30 13: Nuclear Magnetic Resonance Spectroscopy

**Tues., Dec. 5**  **FINAL EXAM: CHAPTERS 1-13**

**(8-11:00am)**

NOTE: The material covered on each exam may be revised if necessary.

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.

**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 each class. It is to your benefit to work the entire quiz **before** class.

Other Important Dates:

Sept. 6 Last day to drop without receiving a grade AND Last day to drop without hours counting toward enrollment cap for Texas residents

**Nov. 15 Last day to drop a course with a “W”**

Other Notes:

1. Students **may not** be concurrently enrolled in any of the following classes: CHEM 2323, CHEM1311, CHEM1312, CHEM 2325.
2. CHEM 1312 is a prerequisite for CHEM 2323.
3. To receive credit at graduation for CHEM 2323, students must have credit for CHEM 2123.
4. All drops are the responsibility of the student.
5. I cannot assign a grade of “W” after November 15. 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.” You must be passing to receive an “I” for defined reasons.
7. The **UH Academic Honesty Policy** is strictly enforced. Violators will be prosecuted to the extent allowed by the University. All **exams are scanned before returning to students!**
8. **There are no extra assignments or extra credit in organic courses, so there is no reason to ask.**

**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)](http://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>

**UH Required Syllabus Language (This may be updated if UH sends new guidelines.)**

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](https://uh.edu/accessibility/) (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](http://catalog.uh.edu/content.php?catoid=36&navoid=13956) 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](http://publications.uh.edu/content.php?catoid=34&navoid=12714), [religious holy days](http://publications.uh.edu/content.php?catoid=34&navoid=12495), [pregnancy and related conditions](https://uhsystem.edu/compliance-ethics/_docs/sam/01/1d7.pdf), and [disability](https://uhsystem.edu/compliance-ethics/_docs/sam/01/1d9.pdf).

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](https://uh.edu/accessibility/). 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.