TTh 11:30-12:45 PM (W290 CB)

<table>
<thead>
<tr>
<th>Professor</th>
<th>Mouna Maalouf</th>
</tr>
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<tbody>
<tr>
<td>Office</td>
<td>E323 Chemistry Bldg</td>
</tr>
<tr>
<td>Phone</td>
<td>335-1108</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:mouna-a-maalouf@uiowa.edu">mouna-a-maalouf@uiowa.edu</a></td>
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<tr>
<td>Office Hrs (or by appt)</td>
<td>T 9:30-11:00 AM and Th 9:30-11:00 AM</td>
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Course Structure and Instructors
Chemistry 4:121 has components with different instructors and scheduling. Attendance is necessary at all three components in order to maximize your educational experience. It is recommended that students devote ≥ 6 h/week to out-of-class studying (reading book chapters, reviewing lecture and discussion notes) and problem-solving (3 credits x 2 out-of-class h/credit).

1. Lecture - Prof. Maalouf
2. Discussion Section - Prof. Maalouf, and, graduate student teaching assistant
3. Exams - Prof. Maalouf

Teaching Assistants (TAs)
Sarah Whiteman: sarah-whiteman@uiowa.edu
Veronica Wills: veronica-wills@uiowa.edu
Jeffrey Arnold: jeffrey-arnold@uiowa.edu

TA Office Hours
Discussion teaching assistants have scheduled office hours in Room 243 of the Chemistry Building (on west side of building, 2nd floor). This room is normally open 8:30 AM - 4:30 PM, Monday - Friday. TAs for chemistry courses other than Chem 4:121 may also be able to assist you.

TA office hours: to be announced in discussion class and posted on ICON.

Discussion Section
Discussion sections are a very helpful, more personal complement to lectures. Students ask questions and obtain problem-solving experience, and TAs review key course concepts. Discussion sections DO meet the first week of classes (January 18-21). Check ISIS for your respective discussion section meeting time and room.

Course Materials
Required textbook:

Optional Materials:
An optional study guide is available which contains answers to problems from the text (ISBN # 978-0-07-729665-0). Molecular Models (strongly recommended) (e.g., ISBN #978-0-7167-4822-9 or 0-9648837-1-6) because they are very useful in helping to visualize the 3D-structures of organic compounds. However, such models cannot be used during exams.
A "Chem Coach access card" may be listed as "recommended" in bookstores, but will not be used in the course this semester. There is no online homework for this course.
Course Website
Organic Chemistry I, 4:121, Iowa Courses Online (ICON) website URL=http://icon.uiowa.edu/.

Course Administration
Please go to the Chemistry Center, Room E225 Chemistry Building, for drop/add signatures, make-up exam scheduling, course handouts, alternate textbooks, section changes, and tutor lists. Hours are Monday-Thursday, 8:00 AM-12:00 & 1:00-5:00 PM and Friday 8:00 AM-12:00 & 12:30-4:30 PM. The Chemistry Center Manager is Jessica Alberhasky (335-1341 or <jessica-alberhasky@uiowa.edu>.

Special Needs
Students with disabilities requiring modification of seating, testing, or other course arrangements should contact the Office of Student Disability Services (SDS), 3101 Burge, 335-1462, and then go to the Chemistry Center, CB E225 (www.clas.uiowa.edu/faculty/teaching/classroom_p&p/disabilities.shtml).

Complaints
Complaints and appeals regarding this course, its instructor, or its TAs can be filed with the Departmental Executive Officer (DEO) at the Department of Chemistry administrative offices, Room 331 CB (335-1350). Students are encouraged to first meet with the course’s professor with their concerns about course aspects, TA, lectures, or exams.

Grading
Grades will be based on three 1.5 hour unit exams, and a 2-hour final exam. Plus & minus grades will be assigned. Final grade distribution will follow CLAS guidelines as closely as possible: A (18%), B (36%), C (39%), D (5%), F (2%).
Point distribution:
3 regular exams at 150 points each = 450 points
1 final exam at 200 points = 200 points
Total 650 points

Examinations
The three exams, all closed book, will include short answer questions. All exams must be written in permanent ink (blue or black). Exams written in pencil, erasable ink, or red ink will not be regraded. Data transmitting devices (e.g., PDA, laptop, and especially cell phone) will not be allowed in the examination room under any circumstances. Out of fairness to all other students, exams will not be re-scheduled in order to accommodate personal holiday or travel plans.
Exam #1: Wednesday, February 16, 5:30-7:30 PM (Rooms will be announced in class and posted on ICON).
Exam #2: Wednesday, March 23, 5:30-7:30 PM (Rooms will be announced in class and posted on ICON).
Exam #3: Wednesday, April 27, 5:30-7:30 PM (Rooms will be announced in class and posted on ICON).
Comprehensive Final Exam: Wednesday, May 11, 2:15-4:15 PM (Rooms will be announced in class and posted on ICON)- Chap. 1-12, and 15.

2
Regrades
Exams to be regarded should be turned in at the Chemistry Center (E225 CB) no later than 5 workdays after the initial date of return. Items to be re-graded must be clearly marked on the front page with a brief explanation of what you believe was graded incorrectly. After 1 week of the initial date of return, all grades are final.

Make-Up Examinations
If an examination is missed because of illness, family emergency, or other University-sanctioned reason, written documentation must be submitted to the Chemistry Center no later than one week after the missed exam in order to qualify for a make-up examination. Excused absence forms are required and are available at the Registrar web site: www.registrar.uiowa.edu/forms/absence.pdf.

Make-up Exam 1: Friday February 25, 5:30-7:00PM in W290 CB
Make-up Exam 2: Friday April 1, 5:30-7:00PM in W290 CB
Make-up Exam 3: Friday May 6, 5:30-7:00PM in W290 CB

(There will be NO make-up exam for the Final Exam)

Supplemental Instruction (SI) is a series of free, informal, weekly group study sessions for students in Principles of Chemistry I & II, Principles of Biology I & II, and Organic Chemistry I. The SI program is supervised by staff in the Center for Diversity & Enrichment, and not by the Department of Chemistry. Attendance at SI sessions is voluntary and open to anyone enrolled in these courses. Sessions are facilitated by leaders who have demonstrated proficiency in the course content. SI is provided for all students who want to improve their understanding of course material, discuss important concepts, develop study strategies, and prepare for exams. The SI schedule will be posted on ICON once available.

Course Outline: The material to be covered this semester is summarized in the table below. Any changes will be announced in class. Note that we will follow the sequence in the book, except that we will skip the spectroscopy chapters 13 and 14 near the end of the semester so that they can be covered together at the beginning of 4:122.

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Pages</th>
<th>Chapter Title</th>
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<tbody>
<tr>
<td>1</td>
<td>6-53</td>
<td>Structure and Bonding</td>
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<td>2</td>
<td>54-80</td>
<td>Acids and Bases</td>
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<td>3</td>
<td>81-112</td>
<td>Introduction to Organic Molecules and Functional Groups</td>
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<tr>
<td>4</td>
<td>113-158</td>
<td>Alkanes</td>
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<tr>
<td>5</td>
<td>159-195</td>
<td>Stereochemistry</td>
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<tr>
<td>6</td>
<td>196-227</td>
<td>Understanding Organic Reactions</td>
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<tr>
<td>7</td>
<td>228-277</td>
<td>Alkyl Halides and Nucleophilic Substitution</td>
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<tr>
<td>8</td>
<td>278-311</td>
<td>Alkyl Halides and Elimination Reactions</td>
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<td>9</td>
<td>312-357</td>
<td>Alcohols, Ethers, and Epoxides</td>
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<td>10</td>
<td>358-398</td>
<td>Alkenes</td>
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<tr>
<td>11</td>
<td>399-425</td>
<td>Alkynes</td>
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<tr>
<td>12</td>
<td>426-462</td>
<td>Oxidation and Reduction</td>
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<tr>
<td>15</td>
<td>538-570</td>
<td>Radical Reactions</td>
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College of Liberal Arts and Sciences: Policies and Procedures

Administrative Home
The College of Liberal Arts and Sciences is the administrative home of this course and governs matters such as the add/drop deadlines, the second-grade-only option, and other related issues. Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall, or see the CLAS Student Academic Handbook, (wwwclasuiowaustudentsacademic_handbookindex.shtml)

Electronic Communication
University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences. (Operations Manual, III.15.2. Scroll down to k.11.)

Accommodations for Disabilities
A student seeking academic accommodations must first register with Student Disability Services and then meet with a SDS counselor who determines eligibility. A student approved for accommodations should meet with the course instructor to arrange accommodations. See www.uiowa.edu/~sds/

Academic Fraud
Plagiarism and any other activities when students present work that is not their own are academic fraud. Academic fraud is a serious matter and is reported to the departmental DEO and to the Associate Dean for Undergraduate Programs and Curriculum. Instructors and DEOs decide on appropriate consequences at the departmental level while the Associate Dean enforces additional consequences at the collegiate level. See the CLAS Academic Fraud section of the Student Academic Handbook.

CLAS Final Examination Policies
Final exams may be offered only during finals week. No exams of any kind are allowed during the last week of classes. Students should not ask their instructor to reschedule a final exam since the College does not permit rescheduling of a final exam once the semester has begun. Questions should be addressed to the Associate Dean for Undergraduate Programs and Curriculum.

Making a Suggestion or a Complaint
Students have the right to make suggestions or complaints and should first visit with an instructor, then with the Chemistry DEO. All complaints must be made within six months of the incident. wwwclasuiowaustudentsacademic_handbookix.shtml#5

Understanding Sexual Harassment
Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI Comprehensive Guide on Sexual Harassment for assistance, definitions, and the full University policy.

Reacting Safely to Severe Weather
In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Public Safety web site.
**Student Classroom Behavior**
The ability to learn is lessened when students engage in inappropriate classroom behavior, distracting others; such behaviors are a violation of the Code of Student Life. When disruptive activity occurs, an instructor has the authority to determine classroom seating patterns and to request that a student exit the classroom, laboratory, or other instructional area immediately for the remainder of the period. One-day suspensions are reported to Departmental, Collegiate, and Student Services personnel (Office of the Vice President for Student Services and Dean of Students).

**University Examination Policies**
Missed exam policy. University policy requires that students be permitted to make up exams missed because of illness, religious obligations, and certain University activities.

Final Examinations. A student with two final examinations scheduled for the same period or more than three examinations scheduled for the same day may file a request for a change of schedule before the published deadline at the Registrar's Service Center, 17 Calvin Hall, 8-4:30 M-F, (384-4300). Please see the [academic deadlines calendar](#) (posted on ICON) for the deadlines to file a change of exam schedule request for final exams.