INSTRUCTORS:

Dr. Justine Olson  
Office: E359 CB  
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Dr. Priyanka Singh  
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OPTIONAL MATERIALS: "Student Study Guide/Solutions Manual" for the textbook is also available which contains solutions to the problems in the text. The textbooks has answers to odd questions but not the even ones.

LECTURES: MWF 2:30-3:20 in MH Aud.

WEBSITE: Online content for the course will be managed using the ICON (Iowa Courses Online) system (http://icon.uiowa.edu/index.shtml). The site will be used to post copies of the slides used in class, old exams, exam keys, and announcements.

INSTRUCTOR OFFICE HOURS:
Olson: E231 CB Tuesday 10:30 am - 12 pm & Thursday 1 pm – 2:30 pm  
*note that the room used for office hours is not my office

Singh: E258 CB Monday and Wednesday 10:30 am – 12:00 pm.

TA OFFICE HOURS:
All chemistry TAs will have regularly scheduled office hours in the Resource Center, E208 CB (on east side of building, second floor). TA office hours are Monday-Thursday 8:30 am – 6:30 pm and Fridays 9:30 am- 3:30 pm. All students can go to any TA in the Resource Center for help with any chemistry course. The Center is free but you’ll need your student ID. Office hours for CHEM 1080 TAs will be posted under ‘Modules.’

COURSE CONTENT AND PREREQUISITES:
Content: Introductory organic chemistry and biochemistry: structure and representations of molecules; physical and chemical properties; introduction to reactions; applications: polymers, nutrition, drugs, etc.

Prerequisites: CHEM:1070 or high school chemistry.

A basic understanding of atoms and molecules will be assumed.
COURSE STRUCTURE AND INSTRUCTION:
CHEM:1080 consists of a main lecture held three-days per week, discussion sections, online homework, and four exams (three during the semester and one cumulative final). Attendance is expected at both lecture and discussion. Students should also expect to devote at least 6 hours per week to out-of-class studying for this 3-semester hour course (2 study/prep hours per semester hour).

1) Lecture – Drs. Olson and Singh
2) Discussion Section – graduate teaching assistants (TAs)
3) Exams – written by Drs. Olson and Singh, proctored by Drs. Olson and Singh, and course and chemistry TAs

COURSE GRADES: The maximum possible score is 620 points: 100 points apiece for each semester exam and 150 points for the final, 10 points for each homework assignment, and 4 points for each discussion section (with a maximum of 40 points).

The following point values will correspond to each letter grade. +/- grades will be assigned at the end of the semester. The instructors reserve the right to lower the point value required for each category, but the number of points needed for each letter grade will never be raised.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
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<tbody>
<tr>
<td>A</td>
<td>≥ 515 points</td>
</tr>
<tr>
<td>B</td>
<td>≥ 430 points</td>
</tr>
<tr>
<td>C</td>
<td>≥ 310 points</td>
</tr>
<tr>
<td>D</td>
<td>≥ 260 points</td>
</tr>
<tr>
<td>F</td>
<td>&lt; 259 points</td>
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</tbody>
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We will post the grade distributions for each exam on ICON so that students know how they scored on the exam in relation to the course average.

EXAM SCHEDULE: Exams dates, times and places are given below. Please see ICON for seating assignments and make sure you know which room you’re assigned.

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Feb. 20</td>
<td>8:45-10:15 pm</td>
<td>MH AUD/101 BBE</td>
</tr>
<tr>
<td>2</td>
<td>Mar. 27</td>
<td>8:45-10:15 pm</td>
<td>MH AUD/101 BBE</td>
</tr>
<tr>
<td>3</td>
<td>Apr. 17</td>
<td>8:45-10:15 pm</td>
<td>MH AUD/101 BBE</td>
</tr>
<tr>
<td>Final</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
</tr>
</tbody>
</table>

EXAMINATIONS: Exams are closed-book. Leave textbooks, notes, etc., at home or in the front of the room before the start of the exam. There are three 90-minute unit exams and a 2-hour cumulative final exam. Exams are multiple choice and closed book. Students should bring a #2 pencil, their University ID to each exam, and a basic scientific calculator, such as a TI30X or TI30Xa to exam 2 and the final only. Graphing calculators, programmable calculators, or data transmitting devices (e.g., tablet, laptop, cell phone, watch, glasses) will not be allowed during exam.
Each exam is comprehensive but will emphasize material since the previous exam. Chemistry builds on what was learned before. Often new ideas will build on previous material. Exams must touch on material that was learned earlier in the semester, but in most instances, we will use concepts that we covered since the previous exam. It is wise to review all of the material since Day 1 for each exam.

Anything that is covered through the end of class on the day before the exam is “fair game” for the exam. We more or less follow the book, so you will be able to determine where we stopped before the exam.

The final exam will be comprehensive.

MAKE-UP EXAMS: Make-up exams will be given under exceptional circumstances only. You must sign up for the make-up and give an acceptable reason before the regular exam is given. Under no circumstances will a make-up be given to take the place of a regular exam taken earlier. To sign up for a make-up exam, email the chemistry center prior to the regular exam with the reason for your absence.

FINAL EXAMINATIONS: No student is required to take more than two examinations in one day. A potential problem may be eased by students closely checking the exam schedule. An undergraduate student who has (a) two examinations scheduled for the same period or (b) more than two examinations scheduled for the same day may schedule an alternate time for the final exam.

HOMEWORK: The online homework on Sapling will allow you to draw structures, learn concepts, and prepare you to excel in this course. These problems are critical to learning organic chemistry, so we will take advantage of Sapling. Sign-up using the instructions on the ICON homepage.

We will post one homework assignments for each chapter (10 points). The due date and time will be clearly listed in Sapling. You should assume we are going to have regular homework assignments and look for them on Sapling.

The homework questions will be assigned at random from a pool of questions so folks working on adjacent computers will get different questions. Because of this, we are assigning the homework as “full collaboration”. That phrase means that you may work with your classmates, friends, tutors, or anyone else to complete the homework. You may work alone if you wish, but no penalty will be given to those who work together. This policy does not mean that you should copy someone else’s homework: that is not allowed and will be viewed as cheating. You must make an honest effort to complete the homework and understand the answers. One good method to know if you understand the answers is to ask yourself if you can reproduce your homework if you are alone in front of the computer. If you can reproduce your homework, you have some level of understanding of it. Homework is an excellent vehicle for learning class material - take advantage of this opportunity and you will do well on the exams.

The instructions for each assignment will be clearly listed on each assignment. No late homework will be graded nor will extensions be given.
DISCUSSION SESSIONS:
Attendance in your discussion section is expected and worth 4 points. At the end of the semester, the four lowest scores will be dropped. Even though these scores will be dropped, they are not “misses.” Again, attendance is expected. Dropping the lowest scores are to allow for illness and emergencies. Credit will not be given for missing discussion with no exceptions.

Our course TAs will lead these discussions. This time is reserved for problem solving, discussion of lecture material, and explanations of exam answers. We strongly encourage you to attend these sections as the TAs are excellent and can help you learn the material. Their email addresses and office hours will be given on ICON. All TA office hours are held in the TA center on the second floor of the chemistry building.

DROP-ADD SLIPS: Drop and add slips will be signed in the Chemistry Center (E225 CB).

COURSE INFORMATION: Inquiries about details of the course (e.g. extra copies of the syllabus, exam times and places, times and places of discussion sessions, etc.) should be taken to the Chemistry Center (E225 CB).

DROP DATES: Deadline Date: Jan. 28, 2018: last day to drop a course without a W. Deadline Date: Apr. 01, 2018: Last day to drop without Dean’s approval.

CHEATING: Our scientific environment is maintained through the actions of its members and the trust we place in one another. Scientists are expected to remain honest in their words and actions. When this trust is broken the results are often severe and career threatening. One should not cheat on the false assumptions that 1) no one is harmed if no one is aware of the cheating or 2) it is alright to cheat if you aren’t caught. A good scientist will hold themselves to a higher standard where cheating, even if it isn’t discovered, is wrong.

With this important responsibility comes the privilege of being a member of a community that values openness and truth. As you are all scientists in training I will expect you to act accordingly and with an upright manner. Anyone caught cheating will fail and will be reported to the administration.

Administrative Home
The College of Liberal Arts and Sciences (CLAS) is the administrative home of this course and governs its add/drop deadlines, the second-grade-only option, and other policies. These policies vary by college (https://clas.uiowa.edu/students/handbook).

Electronic Communication
Students are responsible for official correspondences sent to their UI email address (uiowa.edu) and must use this address for all communication within UI (Operations Manual, III.15.2).

Accommodations for Disabilities
UI is committed to an educational experience that is accessible to all students. A student may request academic accommodations for a disability (such as mental health, attention, learning, vision, and physical or health-related condition) by registering with Student Disability Services
The student should then discuss accommodations with the course instructor (https://sds.studentlife.uiowa.edu/). **The SDS coordinator for the Department of Chemistry is Trent Tappan, who can be found in the Chemistry Center during business hours and reached at chemistry-center@uiowa.edu.**

**Nondiscrimination in the Classroom**
UI is committed to making the classroom a respectful and inclusive space for all people irrespective of their gender, sexual, racial, religious or other identities. Toward this goal, students are invited to optionally share their preferred names and pronouns with their instructors and classmates. The University of Iowa prohibits discrimination and harassment against individuals on the basis of race, class, gender, sexual orientation, national origin, and other identity categories set forth in the University’s Human Rights policy. For more information, contact the Office of Equal Opportunity and Diversity (diversity.uiowa.edu).

**Academic Integrity**
All undergraduates enrolled in courses offered by CLAS have, in essence, agreed to the College's Code of Academic Honesty. Misconduct is reported to the College, resulting in suspension or other sanctions, with sanctions communicated with the student through the UI email address (https://clas.uiowa.edu/students/handbook/academic-fraud-honor-code).

**CLAS Final Examination Policies**
The final exam schedule for each semester is announced around the fifth week of classes; students are responsible for knowing the date, time, and place of a final exam. Students should not make travel plans until knowing this final exam information. No exams of any kind are allowed the week before finals (https://clas.uiowa.edu/faculty/teaching-policies-resources-examination-policies).

**Making a Complaint**
Students with a complaint should first visit with the instructor or course supervisor and then with the departmental executive officer (DEO), also known as the Chair. Students may then bring the concern to CLAS (https://clas.uiowa.edu/students/handbook/student-rights-responsibilities).

**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 must uphold the UI mission and contribute to a safe environment that enhances learning. Incidents of sexual harassment must be reported immediately. For assistance, definitions, and the full University policy, see https://osmrc.uiowa.edu/.