CHEM:1080 — General Chemistry II — Spring 2016
Instructor: Dr. Rebecca Laird

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 Instructors

CHEM:1080 consists of a main lecture held three-days per week, discussion sections, 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 – Dr. Laird
(2) Discussion Section – graduate teaching assistants (TAs)
(5) Exams – written by Dr. Laird, proctored by Dr. Laird and TAs

<table>
<thead>
<tr>
<th>Lecture – 2:30 PM - 3:20 PM</th>
<th>MWF in W290 CB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructor:</td>
<td>Rebecca Laird</td>
</tr>
<tr>
<td>Office:</td>
<td>W341 CB</td>
</tr>
<tr>
<td>Office phone:</td>
<td>384-4175</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:rebecca-laird@uiowa.edu">rebecca-laird@uiowa.edu</a></td>
</tr>
<tr>
<td>Office Hours:</td>
<td>M 10:00-11:30 AM</td>
</tr>
<tr>
<td>(or by appt.)</td>
<td>T 1:30-3:00 PM</td>
</tr>
</tbody>
</table>

Course Materials (details on ISIS or our ICON site)


Course Administration

Please go to the Chemistry Center (E225 CB) for drop/add signatures, section changes, exam scheduling, make-up laboratory requests (first complete online ICON form), tutor lists, and general questions. Center contact information: 335 - 1341, chemistry@uiowa.edu. Hours: M-F 8:00 AM-12:00 PM, M-Th 1:00-5:00 PM, F 12:30-4:30 PM.

Course Website

CHEM:1080 – Iowa Courses Online (ICON) website (https://icon.uiowa.edu). Use your HawkID and password to login to ICON. Lecture notes, practice exams, course announcements, and other useful information will be posted regularly on ICON. You should check ICON frequently during the semester.

Discussion Section

Discussion sections are limited to ~28 students and complement the lecture material. Students ask questions and obtain problem-solving experience. Discussion Sections will meet during the first week of classes. Consult your class schedule on ISIS for meeting times and room assignments.

TA Office Hours

Discussion teaching assistants (TAs) have scheduled office hours in Room E208 CB. This room is normally open M–Th, 8:30 AM – 6:30 PM, and F 9:30 AM – 3:30 PM. TAs for chemistry courses other than CHEM:1080 may also be able to assist you.
Grading
The grade is based on earned points:

| Midterm exams @ 100 pts each | ...................... | 300 pts |
| Final | .................................................. | 150 pts |
| Total | ............................................. | 450 pts |

Plus and minus grades will be assigned. Those grades will not necessarily be evenly split among the three categories (for example, # B+ ≠ # B ≠ # B-). The grade of A+ is occasionally assigned to reward exceptional achievement (ca. top 2%).

College Recommended Grades

<table>
<thead>
<tr>
<th>Grade</th>
<th>% of class</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>18</td>
<td>minimum A-</td>
</tr>
<tr>
<td>B</td>
<td>36</td>
<td>minimum B-</td>
</tr>
<tr>
<td>C</td>
<td>39</td>
<td>minimum C-</td>
</tr>
<tr>
<td>D</td>
<td>5</td>
<td>minimum D</td>
</tr>
<tr>
<td>F</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

avg recommended GPA = 2.63 / 4.0

Examinations
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, and a basic scientific calculator, such as a TI30X or TI30Xa, to each exam. Graphing calculators, programmable calculators, or data transmitting devices (e.g., tablet, laptop, cell phone, watch) will not be allowed during exam.

Dates and times of the exams are given below:

<table>
<thead>
<tr>
<th>Exam 1: Wed Feb. 24, 8:45-10:15 PM</th>
<th>Makeup 1: Fri, March 4, 6:30-8:00 PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam 2: Wed March 30, 8:45-10:15 PM</td>
<td>Makeup 2: Fri, April 8, 6:30-8:00 PM</td>
</tr>
<tr>
<td>Exam 3: Wed April 20, 8:45-10:15 PM</td>
<td>Makeup 3: Fri, April 29, 6:30-8:00 PM</td>
</tr>
<tr>
<td>Final: TBA</td>
<td>TBA</td>
</tr>
</tbody>
</table>

Location:
Mid-term exams: MH Aud  
Final: TBA  
Makeup exams: W290 CB

Make-up exams or rescheduling will not be offered to accommodate holiday or other travel plans. See the section on Make-Up Examinations, below, for policies and procedures concerning missed exams.

Make-Up Examinations
To qualify for a make-up examination, the exam absence must be due to illness, religious obligations, recognized University activities, unavoidable circumstances, or have prior instructor permission. To request a make-up exam, an online form must be completed within 5 days of the missed exam and should include supporting documentation. A link to the request form is available on the ICON website. The decision as to the acceptability of any make-up request rests with the instructor and a point penalty may be imposed. Vacation travel plans are NOT recognized as a valid excuse for the purpose of taking a make-up exam. Make-up exams are comparable to the regular unit exams, but you will not be able to keep the make-up exam, though you can review it in an instructor’s office and you will have access to the unit exam questions given to the entire class. Make-up exams will be given in Room W290 CB at the times listed above.

Final Exam Conflicts
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, M–F, 8:00 AM–4:30 PM (384-4300). For exam conflicts during the Spring semester, the course having the higher department letter will take precedence.

Nite Ride
The UI Department of Public Safety operates the Nite Ride program to provide safe transportation for female students between the hours of 10 PM and 6 AM, seven days a week. The Nite Ride service can be contacted by phone, 319-384-1111 (NITE RIDE), or by email, niteride@uiowa.edu. Consult the Nite Ride web site for further information: http://police.uiowa.edu/security/nite-ride-319384-1111.
Additional Instructional and Tutoring Resources for Students
Supplemental Instruction through University College: http://uc.uiowa.edu/arc/si
College of Engineering Tutoring: http://www.engineering.uiowa.edu/ess/current-students/academic-support/tutors
University Housing Tutoring, 335-3700: http://housing.uiowa.edu/tutoring
A list of tutoring and help resources: http://www.chem.uiowa.edu/undergraduate/for-current-students/tutoring

Expectations
Academic Misconduct: The College of Liberal Arts and Sciences academic misconduct policy is available in the Student Academic Handbook (http://clas.uiowa.edu/students/handbook). Academic misconduct may result in grade reduction and/or other serious penalties, up to and including expulsion from the University.

Examinations: You are expected to work alone. The instructors will employ statistical software to examine student answer sheets and identify copying on exams. Cheating will not be tolerated.

College of Liberal Arts and Sciences Policies and Procedures

Administrative Home of the Course
The administrative home of this course is the College of Liberal Arts and Sciences, which governs academic matters relating to the course such as the add/drop deadlines, the second-grade-only option, issues concerning academic fraud or academic probation, and how credits are applied for various graduation requirements. Different colleges might have different policies. If you have questions about these or other CLAS policies, visit your academic advisor or 120 Schaeffer Hall and speak with the staff. The CLAS Academic Policies Handbook also contains important information for students: http://clas.uiowa.edu/students/handbook

Electronic Communication
The instructors will respond to student questions sent via e-mail with a typical response time of two working days. In addition, general notices concerning the course may be sent to students by electronic mail. Due to privacy considerations, the official University e-mail address (firstname.lastname@uiowa.edu) as listed on the class roster will be used for all communications. Each student is considered to be on notice for information sent to their official e-mail address. For additional information, please consult the policy statement on the Dean of Students web site: http://dos.uiowa.edu/policies/reporting-correct-residential-address-and-e-mail-address/

Accommodations for Disabilities
The University upholds actions of diversity and inclusion. A student seeking academic accommodations should first register with Student Disability Services (3015 Burge Hall; 335-1462; http://sds.studentlife.uiowa.edu) and meet with a counselor in that office who reviews documentation and determines eligibility for services. A student approved for accommodations should then go to the Chemistry Center, Room E225 CB, to arrange particular accommodations.

Academic Fraud
Plagiarism and any other activities that result in a student presenting work that is not his or her 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 Code of Academic Honesty in the Academic Policies Handbook: http://clas.uiowa.edu/students/handbook/academic-fraud-honor-code.

CLAS Final Examination Policies
The final examination schedule will be announced by the fifth week of the semester by the Registrar. Final exams are offered only during the official final examination period. No exams of any kind are allowed during the last week of classes. All students should plan on being at the UI through the final examination period. Once the Registrar has announced the date, time, and location of each final exam, the complete schedule will be published on the Registrar's web site and will be shared with instructors and students. It is the student's responsibility to know the date, time, and place of their final exams.

Making a Suggestion or a Complaint
Students with a suggestion or complaint should first visit the instructor, then the course supervisor if appropriate, and then the departmental DEO. All complaints must be made as soon as possible and always within six months of the incident. Consult the CLAS Academic Policies Handbook for details: http://clas.uiowa.edu/students/handbook/student-rights-responsibilities - rights.
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. Consult the UI Operations Manual for the full University policy: http://opsmanual.uiowa.edu/community-policies/sexual-harassment.

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, visit http://hawkalert.uiowa.edu, and for the siren warning system, visit http://emergency.uiowa.edu/content/severe-weather-0.

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 University’s Code of Student Life. When disruptive activity occurs, a University instructor has the authority to determine classroom seating patterns and to request that a student exit immediately for the remainder of the period. One-day suspensions are reported to appropriate departmental, collegiate, and Student Life personnel (Office of the Vice President for Student Life and Dean of Students). The Code of Student Life can be found on the Dean of Students web site: http://dos.uiowa.edu/policies/code-of-student-life-15-16/