

CHM1031 BASIC CHEMISTRY II

SPRING 2025; CLASS NUMBERS 10594 & 10573

INSTRUCTOR INFORMATION

Instructor	Email/Office/Phone	Preferred Contact
Mrs. Veige	Email in Canvas <u>only</u> 352-392-0518 SFH 103	Email highly preferred; Zoom office hours W 11-1 or by appointment

COURSE DELIVERY/MEETING TIMES

This is a 100% online & asynchronous course.

COURSE FEES

Additional course fees: \$27.99

AUDIO/VIDEO PRESENCE POLICY

As in all courses, unauthorized recording and unauthorized sharing of recorded materials are prohibited.

Full audio and video presence is required for proctored tests administered by Honorlock.

GENERAL INFORMATION

PREREQUISITES

CHM1030.

DESCRIPTION

CHM 1031 is the second half of the CHM 1030/1031 sequence, a terminal sequence for nonscience students that presents chemistry from a medical/nursing and life science perspective. CHM 1031 provides an overview of topics in organic and biological chemistry. (P)

FIRST DAYS

Log into Canvas and access the course. You should check daily for new *Announcements* and/or emails containing important information and reminders. Click on the *Syllabus* tab to view all due dates for the entire semester. This will not change over the course of the semester. Click on *Modules* and read all of the information under the *Settling In* section. Many of your questions are answered in the *Settling In* section including: Which types of calculators are approved? What is Honorlock? Where do I do the homework? How do you get help? Can assignments be submitted late? What does the formula sheet for an exam look like? This syllabus document *and* the information in *Settling In* comprise the material for the Syllabus Quiz.

COURSE MATERIALS

TEXTBOOK

Achieve: Essentials of General, Organic and Biochemistry 3e. Electronic access is required which includes an ebook and online homework/assignments. Students are directed to relevant readings each week in the text and to supplemental resources. Readings for each module are estimated to require no more than 1 h and generally consist of specific sections from OpenStax Chemistry.

This course is participating in UF All Access. Beginning the first day of the semester (not before that time) students can opt in to consent to have the purchase price charged to your student account. Alternatively, you may be able to purchase an access code for the materials at the UF Bookstore.

To opt in, navigate to: <https://bsd.ufl.edu/allaccess>. Click the “Opt In” tab or view the “View Eligible UF All Access Classes” button. You will be prompted to log in using Gatorlink credentials. Follow the prompt to authorize charges to your student account. If you have any questions about the authorization process or refunds contact allaccess@bsd.ufl.edu.

WEBCAM/MICROPHONE/SPEAKERS

You are required to have a functioning webcam, microphone, and speakers for proctored exams. See the minimum technical requirements at honorlock.com/support. Ensure your computer system meets their minimum system requirements. You are also required to have a handheld mirror/reflective surface for proctoring.

COURSE TECHNOLOGY

The student may require Adobe Acrobat Reader, Adobe Flash Player, Microsoft Silverlight and other software. Free tutorials on many software applications can be found at Lynda.com. All UF students are expected to have reliable access to a computer, especially for an online course. Honorlock has specific hardware/software requirements: honorlock.com/support.

COURSE COMMUNICATIONS

GENERAL QUESTIONS

General course questions should be posted to the Discussion Q&A in Canvas. The instructor/TA response time is 24 h during the work week (expect to wait until Monday for questions posted on a Friday).

Non-private questions sent via email will be posted and answered using the Course Q&A so all students can benefit from the response. We’re also relying on you to help each other by answering questions when instructors aren’t available (after 5 pm and on weekends/holidays).

I encourage you to post questions related to homework or end of chapter questions you’re working on to the Discussion board. The homework isn’t meant to be a test, it’s a learning tool. For the best response, take a screenshot of your question and/or the solution you propose. The more information you provide, the easier it is for your instructor/TA/another student to help.

PRIVATE OR GRADE-RELATED QUESTIONS

Direct these to your instructor via the mail function in Canvas. Do not email outside of Canvas to your instructor's external email address - we aren't permitted to discuss grade related questions outside of Canvas. You will be asked to resend the query through Canvas.

COURSE POLICIES

SYLLABUS QUIZZES/SURVEYS

A syllabus quiz and other introductory quizzes are delivered near the beginning of the course to ensure you have reviewed course policies and read the syllabus. Surveys are delivered mid-semester and near the end of term to gather feedback on course design and delivery. You can submit these assignments late, with a 20% penalty per day submitted late. Make sure to open and submit the quizzes for all attempts prior to the due date to avoid the late penalty. Note that even 1 s past the due date counts as a whole day late.

CHAPTER QUIZZES/HOMEWORK ASSIGNMENTS

Sectional quizzes delivered through the Achieve platform. Grade details are prominently posted in Achieve for each. Each can be submitted late, with a penalty per day submitted late. Each is estimated to require 30-60 min to complete. Homework assignments are delivered via the Achieve platform and can be done late for reduced credit. Estimated time to complete is 60 min.

The two lowest quiz scores and two lowest homework scores are dropped from your final course grade.

DISCUSSIONS

Lessons may involve discussion assignments in which you are asked to associate content with practical applications, such as calculation and analysis of water footprint, personal radiation dose, or to critically analyze an advertisement making scientific claims. Grading rubrics are prominently posted in Canvas for each. Discussions require timely, substantive comments on classmates' posts to foster a collaborative learning environment in this asynchronous course; students don't work synchronously on the lessons, but each does span a specified period. Each is estimated to require 10 min to complete.

PROJECTS

Each third of the course includes at least one Project. These take the form of presentations (Google Slides/PowerPoint presentations, with and without audio/video), an infographic, or and a short essay. Each assignment encourages you to relate the content coverage with real-world scenarios personal to you and allows a degree of creativity in production. Each of these allows you to communicate to your instructor and TAs your understanding and ability to apply concepts and to distil and analyze information you have curated. Each is estimated to require 2-3 h of research time and an additional 90 - 120 min to complete.

NOTE TAKING ASSIGNMENTS ("NOTES")

You will submit notes for each chapter, meeting the requirements given in Canvas. Please see the grading rubric for each for grading criteria. Notes for each unit are due prior to the final day that unit's exam is available, and are graded for extra credit on that particular exam, up to 5% extra credit (5% if full credit is earned on the note taking assignments, or a lesser % for incomplete notes).

EXAMS

Three progress exams and one cumulative final exam are administered using the Quizzes tool in Canvas. These exams are remotely proctored by Honorlock. Each exam is available for a 24 h period on the scheduled exam date, except for the cumulative final which is available over a range of dates. Exam dates are: Exam 1: Feb. 21; Exam 2: March 31; Exam 3: Apr. 23; Cumulative Exam 4: Apr. 28-30.

The one lowest progress exam score (Exams 1-3) is dropped from your overall course grade and replaced with the average of your 3 progress exam scores.

HONORLOCK

Honorlock will proctor your exams this semester. You do not need to create an Honorlock account, download software, or schedule an appointment for your exam. Honorlock is available 24/7 and requires a computer, webcam, microphone, and a stable internet connection.

To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at www.honorlock.com/extension/install.

When you are ready to test, log into Canvas, go to your course, and select your exam. Click “Launch Proctoring” to begin the Honorlock authentication process, during which you will take a picture of yourself, and show your ID. Honorlock will record your exam session and record your screen.

If you encounter technical difficulties with Honorlock, contact Honorlock directly. You may live chat, phone (855-828-4004) and/or email support@honorlock.com. You should spend some time reading about their service and testing your system on their website. For other technical issues contact the Help Desk.

Extensive Honorlock documentation, including a student privacy guide, is available at <https://dce.ufl.edu/services/online-proctoring/>.

QUIZ/EXAM QUESTION DISPUTES

If you believe you have found an error on a quiz/exam or would like to dispute a question, the deadline for doing so is the last day of term.

ATTENDANCE, EXAM EXTENSION REQUESTS

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

Exam absences will be handled in accordance with official UF academic regulations. For more information, see <https://catalog.ufl.edu/UGRD/academic-regulations/> . See below for further clarification for two different types of situations.

(1) Conflicts with other events: this should be rare, as CHM1031 proctored exams are available over a wide range of time. You should plan accordingly. Such reasons may include religious holidays, military obligations, special curricular requirements (e.g., attending professional conferences), or participation in official UF-sanctioned activities such as athletic competitions, etc. For more information on such absences see the official UF Policy at <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/#absencetext>). If you must be absent for an exam due to a documented and approved conflict

known in advance, you must e-mail your instructor (within Canvas) the documentation at least one week prior to the scheduled exam and an early conflict exam will be scheduled for you.

(2) Missing an exam due to an emergency or sudden illness: If you are absent for an exam due to an unpredicted documented medical reason or family emergency, you must contact the instructor as soon as possible, and you may be asked to have your excuse verified by the Dean of Students Office (DSO). Your instructor will follow UF academic regulations in evaluating the notification and/or documentation received from you or from the DSO on your behalf. Once your instructor is satisfied with the validity of your exam absence a make-up exam will be scheduled after a reasonable amount of time, i.e., before the end of the semester. If your documentation is deemed insufficient to excuse your absence you will receive a zero on the missed exam.

EXTENSIONS

Extensions for assignments (exams are covered under the Exam Absence Policy) can be requested due to illness or emergent situations. You will be asked to have your situation verified by the Dean of Students Office before such an extension is considered. Information on requesting an excuse note can be found here: <https://www.dso.ufl.edu/care/courtesy-letters/>

All assignments other than the final exam must be completed by the last day of term (Apr. 23).

GRADING

GRADE POLICY

Should a student wish to dispute any grade received in this class, the dispute must be in writing and be submitted to the instructor within 72 h of receiving the grade, or within 24 h of Exam 4.

There is no extra credit available for this course. Grades are not rounded at the end of term. Exam grades or course grades are not curved.

A minimum grade of C is required for general education credit. Courses intended to satisfy the general education requirement cannot be taken S/U.

Assignments weights are as follows:

Assignment Group	Weight %
Syllabus/surveys	5%
Homework	8%
Chapter Quizzes	12%
Adaptive Quizzes	5%
Proctored Exams (3 @ 16%)	48%
Final Exam	15%
Projects	5%

Discussions	2%
Chapter Notes	Extra credit

Grade scale (note: there is no rounding to your score in Canvas):

Letter	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Cutoff	90.0	87.0	84.0	81.0	78.0	75.0	72.0	69.0	66.0	63.0	60.0	< 60.0

UNIVERSITY POLICIES

UNIVERSITY POLICY ON ACCOMMODATING STUDENTS WITH DISABILITIES

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center by visiting disability.ufl.edu/students/get-started. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.

UNIVERSITY POLICY ON ACADEMIC MISCONDUCT

University of Florida students are bound by the Honor Pledge. On all work submitted for credit by a student, the following pledge is required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Student Honor Code and Conduct Code (Regulation 4.040) specifies a number of behaviors that are in violation of this code, as well as the process for reported allegations and sanctions that may be implemented. All potential violations of the code will be reported to Student Conduct and Conflict Resolution. If a student is found responsible for an Honor Code violation in this course, the instructor will enter a grade adjustment sanction which may be up to or including failure of the course.

The Honor Pledge

We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Student Honor Code. On all work submitted for credit by Students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment"

U MATTER, WE CARE

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care team can help connect students to the many other helping resources available including, but not

limited to, Victim Advocates, Housing Staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

FEEDBACK

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

NETIQUETTE

Please see the detailed Netiquette guide in the *Settling In* section of Canvas.

GETTING HELP

For issues with or technical difficulties with Canvas, contact the UF Help Desk: <https://lss.at.ufl.edu/help.shtml>; (252)-392-HELP.

Other resources are available at <http://www.distance.ufl.edu/getting-help> for Counseling and Wellness resources, disability resources, resources for handling student concerns and complaints, and library desk support.

GENERAL EDUCATION

Primary General Education Designation: Physical Sciences (P) ([area objectives available here](#))

A minimum grade of C is required for general education credit. Courses intended to satisfy the general education requirement cannot be taken S/U.

Physical science courses provide instruction in the basic concepts, theories and terms of the scientific method in the context of the physical sciences. Courses focus on major scientific developments and their impacts on society, science and the environment, and the relevant processes that govern physical systems. Students will formulate empirically-testable hypotheses derived from the study of physical processes, apply logical reasoning skills through scientific criticism and argument, and apply techniques of discovery and critical thinking to evaluate outcomes of experiments.

These objectives are accomplished through participation in the course, and individual work done on homework assignments and assessments.

The course objectives align with the UF General Education student learning outcomes and physical science area learning outcomes:

General Education SLO	Physical Science SLO	Course Objective Alignment	Assessment
Content	Identify, describe, and explain the basic concepts, theories and terminology of natural science and the		All assessments offer opportunities for students to demonstrate content knowledge.

	scientific method; the major scientific discoveries and the impacts on society and the environment; and the relevant processes that govern biological and physical systems.		
Critical Thinking	Formulate empirically-testable hypotheses derived from the study of physical processes or living things; apply logical reasoning skills effectively through scientific criticism and argument; and apply techniques of discovery and critical thinking effectively to solve scientific problems and to evaluate outcomes.		All assessments offer opportunities for students to demonstrate critical thinking skills.
Communication	Communicate scientific knowledge, thoughts, and reasoning clearly and effectively.		All assessments offer opportunities for students to demonstrate critical thinking skills.

COURSE LEARNING OUTCOMES

A complete list of student learning outcomes is posted in Canvas.

TENTATIVE WEEKLY SCHEDULE

The most up to date list is posted in Canvas.

Due to the nature of an online asynchronous course, required readings are provided for a week or half-week. Students must plan their own time accordingly. Due dates represent the last day assignments/quizzes can be completed for full credit. Each is open well in advance and can be completed ahead of time leading up to the due date. Many can be completed late with a reduction in credit.

MA = Macmillan Achieve; Grade Categories: S (syllabus/surveys); EC (extra credit)

WEEK	DATES	READINGS	ASSIGNMENTS
1	Jan. 13-17	Orientation	None (drop/add)
2	Jan. 20-24	Ch. 10 (p. 341-396)	
3	Jan. 27-31	Ch. 10; Ch. 11 (p. 397-438)	Ch. 10 HW, quiz (1/28)

4	Feb. 3-7	Ch. 11; Ch. 12 (439-478)	Ch. 11 HW, quiz (2/6)
5	Feb. 10-14	Ch. 12	
6	Feb. 17-21	Ch. 12; Ch. 13 (p. 479-522)	Ch. 12 HW, quiz (2/18) Project 1, AQ 10-12; Exam 1 (2/21)
7	Feb. 24-28	Ch. 13; Ch. 14 (p. 523-566)	Ch. 13 HW, quiz (2/27)
8	Mar. 3-7	Ch. 14	
9	Mar. 10-14	Ch. 14; Ch. 15 (p. 567-598)	Ch. 14 quiz, HW (3/11)
10	Mar. 17-21	SPRING BREAK	SPRING BREAK
11	Mar. 24-28	Ch. 15; Ch. 16 (p. 599-642)	Ch. 15 (3/27)
12	Mar. 31-Apr. 4	Ch. 16	Project 2, AQ 13-15; Exam 2 (4/1)
13	Apr. 7-11	Ch. 16; Ch. 17 (p. 643-680)	Ch. 16 HW, quiz (4/8)
14	Apr. 14-18	Ch. 17; Ch. 18 (p. 681-end)	Ch. 17 HW, quiz (4/17)
15	Apr. 21-23	Ch. 18	Ch. 18 HW, quiz (4/23) Project 3, AQ 16-18 & Exam 3 (4/23)
Final exam period	Apr. 28-30		Final exam (4/30)

DISCLAIMER

This syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.