

Fall 2024 Schedule

General Chemistry II, CHM 1410, and General Chemistry Laboratory II, CHM 1415

Enrollment in CHM 1410 is contingent upon completion of General Chemistry I lecture, CHM 1310G, and lab, CHM 1315G, or their equivalents, with grades of C or better. If you have not satisfied these requirements, you cannot take CHM 1410. You must retake CHM 1310G and/or CHM 1315G. You will be administratively dropped from CHM 1410 if you attempt to continue.

You must be enrolled in both CHM 1410 and CHM 1415. If you drop, you must drop both courses. You cannot remain in lab if you drop lecture or vice versa.

Lab meets the first time the **second** week of class. If you miss the first scheduled lab meeting, you must notify your lab instructor concerning your absence prior to the second lab meeting. If you fail to do so, you will be dropped from CHM 1415.

Textbooks

CHM 1410: *Chemistry: The Central Science*, custom edition for EIU, Brown, Lemay, Bursten, Murphy, Woodward and Stoltzfus plus *Solutions to Red Exercises*. Obtain these items from TRS.

CHM 1415: *Chemistry 1415: The Laboratory*. Purchase at the EIU **PantherCopy** in the Martin Luther King Jr. Union. Cost: **TBD**. The lab manual is required for your first scheduled face-to-face lab meeting.

| Week | Dates | CHM 1410 (lecture) | CHM 1415 (lab) |
|------|------------|---|---|
| 1 | 8/19-23 | Ch 11: Liquids and Intermolecular Forces | No Class |
| 2 | 8/26-30 | Ch 13: Properties of Solutions | Check-in Exp 1: Protein Extraction and Folding |
| 3 | 9/2-6 | Ch 13: continued | Exp 2: Vapor Pressure and Heat of ... |
| 4 | 9/9-13 | Ch 14: Chemical Kinetics | Exp 3: Solutions and Solution Concentration |
| 5 | 9/16-20 | Ch 14: continued | Exp 4: Chemical Kinetics |
| 6 | 9/23-27 | Ch 15: Chemical Equilibrium | Exp 5: Equilibrium |
| 7 | 9/30-10/4 | Ch 15: continued | QUALITATIVE ANALYSIS Group I (cations) |
| 8 | 10/7-11 | Ch 16: Acid-Base Equilibria | Group II |
| 9 | 10/14-18 | Ch 16: continued | Group III |
| 10 | 10/21-25 | Ch 17: Additional Aspects of Aqueous Equilibria | Group IV |
| 11 | 10/28-11/1 | Ch 17: continued | Anions |
| 12 | 11/4-8 | Ch 19: Chemical Thermodynamics | Exp 6: Buffer Solutions |
| 13 | 11/11-15 | Ch 19: continued | Exp 7: Entropy Change |
| 14 | 11/18-22 | Ch 20: Electrochemistry | Exp 8: Electrolysis |
| 15 | 11/25-29 | Thanksgiving Break NO CLASSES | |
| 16 | 12/2-6 | Ch 20: continued | Lab Final and Check-out |

Did you know: The chemistry department sponsors a peer tutoring service staffed by chemistry majors. This service is normally in place by the third week of the semester. A tutoring schedule will be announced, distributed, and posted then. Tutoring is free and tutors are available on a first-come first-served basis. (Note: This service is contingent upon the availability of qualified tutors.) In addition, the department also maintains a list of private tutors who provide individual or small group tutoring for a fee. Please stop by the chemistry office, PSB 3150, or call the chemistry office, 581-3322 for more information.