

# HONORS FORUM COURSES

## Spring 2025

### **CH 385.001-003, 005-008, 010      Senior Thesis in Chemistry**

**4 Credits**

**A. Ball, K. Frederick, S. Frey, J. Navea, M. Raththagala, K. Sheppard, W. Kennerly, M. Roca**

An opportunity for Chemistry seniors to engage in chemical research under supervision of a Chemistry faculty member culminating in a senior thesis paper and presentation to the department. Prerequisites: Agreement by a faculty member to serve as mentor and permission of the instructor. (Students who intend to seek advanced degrees are particularly encouraged to take this course, CH 385, and/or CH 371. Twelve to fifteen hours of work under the supervision of the individual faculty mentor. Students enrolling in CH 385 are expected to write a senior thesis and present it to the department by the end of the semester. A senior thesis, an oral presentation of the thesis to the department, and two semesters of 300-level research in chemistry, CH 385 and/or CH 371 are required for consideration for honors in chemistry along with a 3.0 overall GPA and 3.5 GPA in the major. In addition for honors, the senior thesis must be read by the faculty mentor and a second reader who both must assess the thesis to be excellent and of honors caliber. For honors, the oral presentation must also be of sufficient quality. Fulfills a component of the Senior Experience Coda requirement.)

### **CS 275H.002-003, 005-009      Computer Science Research**

**1 Credit**

**W. Du, T. O'Connell, D. Read, C. Reilly, N. Dellis, A. Prasad, E. Wali**

An introductory exploration of research in computer science. The students, in collaboration with a faculty mentor, will participate in a research project in a particular area of computer science. The research projects may, for example, include designing new algorithms for computational problems, surveying the research literature, implementing existing algorithms from the research literature, or performing computational experiments. Prerequisites: Permission of instructor. (Students may only take four CS 275H courses in their careers and may take no more than two in any given semester. If two are taken in a single semester, each must be a different section. CS 275H may not be counted toward the CS major. Must be taken S/U.)

### **EN 105H.001      Writing as Radical Empathy**

**4 Credits**

**O. Dunn**

"Language is far from being a closed, self-contained system, and words are deeply intertwined with our ways of engaging with the world. Language in this sense is more like an interface rather than a firewall, an array of devices that connects us to the things that matter to us," says the scholar Rita Felski. Good writing can give the reader an emotional experience, a chance to interact with another person's mind and heart. But how does it do this? How does language convey emotion? How does a writer make us see what they see, feel what they feel? In this class, we'll move outside of our comfort zone—away from simply reading works we might enjoy because they are "relatable." We'll explore what boundaries writing can cross. We'll discuss how writing can create

change in the world. We'll look at work from writers and artists who actively work to make us see things their way, from poets to activists to visual artists. We'll pay special attention to how each artist crafts their work; using these same tools, you'll create powerful writing of your own. By the end of the semester, after drafting and revision, you'll have a portfolio of polished writing.

**EN 105H.002**

**Writing on Demand**

**4 Credits**

**L. Hall**

When the essayist Joan Didion was in her twenties, she wrote editorial copy for Vogue magazine

**HF 200.002-003 & 013****PLTL for CH 126 Princ of Chemistry****1 Credit****S. Frey**

To help you succeed in chemistry, we are offering Peer-Led Team Learning (PLTL) that actively engages you in learning chemistry by working in supportive, small groups with other students on carefully structured problems under the guidance of a student peer leader who has completed CH 125/126. The problems are similar to those you will see on homework assignments and exams. It is a fun and low-stakes way to really develop your chemical problem solving and group study skills. PLTL is a one-credit add-on to CH 126. The 1 credit will be graded pass/fail.

**HF 200.001****PLTL for CH 222****1 Credit****J. Mahatthananchai**

A topical workshop, seminar, discussion group, or lab/studio experience sponsored through the Honors Forum. HF 200 may be offered as an optional "honors" credit linked to a regular course offering at the 200 level, or as a freestanding academic experience open to Honors Forum and other highly motivated students. Prerequisites: As determined by the instructor and the Honors Forum Council, concurrent enrollment in a particular 200-level course, or completion of a prerequisite course.

**HF 200.005-007****PLTL for CH 221****1 Credit****J. Mahatthananchai**

A topical workshop, seminar, discussion group, or lab/studio experience sponsored through the Honors Forum. HF 200 may be offered as an optional "honors" credit linked to a regular course offering at the 200 level, or as a freestanding academic experience open to Honors Forum and other highly motivated students. Prerequisites: As determined by the instructor and the Honors Forum Council, concurrent enrollment in a particular 200-level course, or completion of a prerequisite course.

**HF 200.014****Food Energy Nexus 200**

**HF 200.015**

**HF 214.001**

**Peer Academic Coaching Lab**

**1 Credit**

**B. Pashley**

Peer Academic Coaching Lab offers an opportunity for advanced work as a Peer Academic Coach. Students meet in department-specific groups to coordinate quality peer academic support in Peer Academic Coaching sessions by collaborating with professors, preparing supplemental study materials, planning review sessions, facilitating stud

**HF 315.003****Sexual Health****1 Credit****K. Golemboski**

An expansion of concepts covered in Peer Health Education by allowing students to fine-tune their health promotion and peer counseling skills. Students will select specific areas of interest and will work closely with other Peer Health Educators and the instructor to plan, implement, and rigorously evaluate outreach programs on campus. The course will focus on building leadership and communication skills and on deepening the expertise of the students on college health-related issues. Prerequisites: HF 215 and permission of instructor. (May be repeated for credit. Not for liberal arts credit.)

**HF 315.004****Mental Health****1 Credit****K. Golemboski**

An expansion of concepts covered in Peer Health Education by allowing students to fine-tune their health promotion and peer counseling skills. Students will select specific areas of interest and will work closely with other Peer Health Educators and the instructor to plan, implement, and rigorously evaluate outreach programs on campus. The course will focus on building leadership and communication skills and on deepening the expertise of the students on college health-related issues. Prerequisites: HF 215 and permission of instructor. (May be repeated for credit. Not for liberal arts credit.)

**HF 315.005****Public Health****1 Credit****K. Golemboski**

An expansion of concepts covered in Peer Health Education by allowing students to fine-tune their health promotion and peer counseling skills. Students will select specific areas of interest and will work closely with other Peer Health Educators and the instructor to plan, implement, and rigorously evaluate outreach programs on campus. The course will focus on building leadership and communication skills and on deepening the expertise of the students on college health-related issues. Prerequisites: HF 215 and permission of instructor. (May be repeated for credit. Not for liberal arts credit.)

**HF 315.006****Nutrition & Fitness****1 Credit****K. Golemboski**

An expansion of concepts covered in Peer Health Education by allowing students to fine-tune their health promotion and peer counseling skills. Students will select specific areas of interest and will work closely with other Peer Health Educators and the instructor to plan, implement, and rigorously evaluate outreach programs on campus. The course will focus on building leadership and communication skills and on deepening the expertise of the students on college health-related issues. Prerequisites: HF 215 and permission of instructor. (May be repeated for credit. Not for liberal arts credit.)

**MA 126H.001**  
**1 Credit**  
**D. HurwitzDz**

**Honors: Problem Solving in Mathematics (Fr)**

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