

**HONORS FORUM COURSES**  
**Spring 2021**

**AN-346R.001**

**Material Stuff**

**4 Credits**

**S. Silva**

**Wed/Fri 1:00-2:50/ONLINE**

An exploration of the importance of material objects in human life and the ways in which cultural anthropologists and other scholars have contributed to the study of materiality, a highly interdisciplinary field of research. In this seminar, drawing on case studies from different times and places, students learn to recognize the importance of material objects in the social world and their own lives. How do objects help people define their identity, structure their lives, remember the past, and facilitate action? What personal and collective stories do objects tell? Do we control the objects around us, or do those objects control us? Among the types of objects studied in this course are sentimental objects, collectibles, memorials, protest art, and technology. [The “R” added to the course ID, AN346R, stands for “Research.” Students conduct a semester-long research project on a topic of their choice in parallel with the class.]

**CH 385.001-011**

**Senior Thesis in Chemistry**

**4 Credits**

**A. Ball**

**K. Frederick**

**S. Frey**

**R. Giguere**

**J. Navea**

**M. Raththagala**

**K. Sheppard**

**W. Kennerly**

**K. Cetto Bales**

**M. Roca**

**A. Brezny**

Senior Thesis in Chemistry - 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. Note(s): 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.

**HF 215-001**

**Peer Health Education**

**3 Credits**

**J. McDonald**

**Tues. 10:00-11:50/ONLINE**

**Thurs. 5:40-6:30/ONLINE**

An introduction to the concepts, principles, theory, and practice of health education, health promotion, and peer-based education. Students will engage with a variety of topics surrounding health, wellness, community health promotion, theories of behavioral change and leadership skill building through readings, class discussions, and opportunities for experiential learning. Throughout the semester students will research, plan, execute and evaluate educational

outreach materials and programs on various health and wellness topics relevant to college-aged students. Not for liberal arts credit.

**HF 300.001** **Paleoclimatology Practicum** **1 Credit**  
**A. Frappier**

**Add-on to GE 311 TBA**

An honors seminar for more advanced students centered on a topic, research project, or other academic activity pertinent to one of the academic disciplines. *Prerequisites* open to junior and senior Honors Forum students and other highly motivated students with advanced standing, appropriate course background, or permission of the instructor.

**HF 315.001** **Bystander Intervention** **1 Cred**  
**J. McDonald**

**Wed. 3:00-3:50/ONLINE**

Advanced Peer Health Education - 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. Not for liberal arts credit. May be repeated for credit.

**HF 315.002** **Social Norms** **1 Credit**  
**J. McDonald**

**Tues. 3:40-4:30/ONLINE**

Advanced Peer Health Education - 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. Not for liberal arts credit. May be repeated for credit.

**HF 315.003** **Sexual Health** **1 Credit**  
**J. McDonald**

**Thurs. 10:00-11:20/ONLINE**

Advanced Peer Health Education - 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. Not for liberal arts credit. May be repeated for credit.

**HF 315.004** **Mental Health** **1 Credit**  
**J. McDonald**

**Fri. 1:30-2:20/ONLINE**

Advanced Peer Health Education - 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. Not for liberal arts credit. May be repeated for credit.

**HF 315.005                      Community Building                      1 Credit**

**J. McDonald**

**Mon. 4:00-4:50/ONLINE**

Advanced Peer Health Education - 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. Not for liberal arts credit. May be repeated for credit.

**HF 315.006                      Nutrition and Fitness                      1 Credit**

**J. McDonald**

**Mon. 11:20-12:10/ONLINE**

Advanced Peer Health Education - 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. Not for liberal arts credit. May be repeated for credit.

**HF 315.007                      ADV PHE: Wellness Center                      1 Credit**

**J. McDonald**

**Fri. 11:00-11:50/ONLINE**

Advanced Peer Health Education - 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. Not for liberal arts credit. May be repeated for credit.

**HF 315.008                      Adv. Peer Health Education                      1 Credit**

**J. McDonald**

**Fri. 11:00-11:50/ONLINE**

Advanced Peer Health Education - 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. Not for liberal arts credit. May be repeated for credit.

**HI 116H.001                      Sea Changes                      4 Credits**

**T. Nechtman**

**T/R 8:10-9:30/TBD**

A survey course in global history that takes the world's oceans as its subject. Students will explore themes ranging from naval history to legal history, from environmental history to zoological history, and from the history of exploration and adventure to the history of imperialism

and conquest. Students will work with primary and secondary sources and develop their analytical and writing skills as they ask questions about the field of history itself. What assumptions have historians made when they focus on nations and continents? What institutions and categories have they privileged with their focus? What have we missed because we look only at the history of land? How and why does history's narrative shift when we undertake a "sea change" in our perspectives? (Fulfills social sciences requirement.)

**CS 275H.002-006**

**Computer Science Research**

**1 Credit**

**M. Eckmann**

**T. O'Connell**

**A. Prasad**

**D. Read**

**C. Reilly**

**Time/Location TBA**

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. 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**

**The Beast Within**

**4 Credits**

**K. Greenspan**

**Tues/Thurs 1:10-2:30/TBD**

The Beast Within- The question of what distinguishes human beings from animals has occupied thinkers from earliest antiquity to our own time. Modern Western debates on animal rights and attempts to define human nature in biological or biosocial terms have drawn upon arguments set forth in ancient Greece, modified by the influence of European and Byzantine Christianity in the Middle Ages, and, finally, by modern scientific advances. In this class, our writing about animals and humans in medieval Europe will be informed by medieval popular tales, folk beliefs, religious, philosophical, and scientific teachings, and by beast symbolism in architecture, ornament, and familial identity. As this is an Expository Writing course, we will devote much of our attention to writing exercises (in-class and take-home assignments) that emphasize devising, developing, supporting, organizing, and revising a sustainable argument. We will also focus on issues of grammar, syntax, vocabulary, and idiom, with the twin goals of improving your style and increasing your confidence as a writer. Though this course can be taken in partial fulfillment of Honors Forum requirements, non-Honors Forum students are welcome to join the class. They will find the readings, discussions, and writing assignments challenging but not daunting.

**EN 105H-002**

**Meltdown: Lit., Culture, Climate**

**4 Credits**

**T. Wientzenan**

**M/W 3:30-4:50/ONLINE**

Meltdown: Literature, Culture, and Climate- Climate change is often thought of as a technical problem, something squarely in the domain of the sciences and policy makers. What practical value do the humanities really offer in mitigating the mass extinction of species or rising sea levels, after all? Yet the sheer scale of climate change demands new cultural narratives that might allow us to navigate a dramatically changed future. If our species is to survive, we will, in short, require new ways of thinking about the world and the cultures that define us. In this course, we will engage a wide array of cultural texts that register our moment of ecological history—and texts that imagine possible futures for us. We will read and write about work by scientists, public

policy experts, and historians, as well as creative texts by filmmakers and fiction writers. Among other things, we will ask how moving between scientific knowledge and cultural texts might help us understand and confront a future utterly unlike the past.

**MA 126H-001 (Fr), 226H-001 (So), 326H-001 (Jr./Sr.) Honors Problem Solving 1 Credit**

**R. Roe-Dale**

**W 7:40-9:00/ONLINE**

Students at all three levels will work collaboratively on problems posed in various undergraduate mathematics journals and other sources. Solutions to journal problems will be submitted to the journal editors for acknowledgment and possible publication. Problems are taken from all areas of specialty within mathematics.

*Prerequisites:* QR1.

May be repeated for credit. Must be taken S/U.

**MA 275H.003-016 Mathematics Research 1 Credit**

**J. Douglas**

**R. Hurwitz**

**L. Oremland**

**R. Roe-Dale**

**C. Szabo**

**R. Trousil**

**D. Vella**

**M. Huibregtse**

**K. Hogenson**

**V. Kejzlar**

**D. Johnston**

**C. Lemus-Vidales**

**Time/Location: TBA**

Exploration of a research topic in mathematics. The students, in collaboration with a faculty mentor, will participate in a research project in a particular area of mathematics which may be related to the faculty member's research program. Students may only take four MA 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. MA 275H may not be counted toward the mathematics major. Must be taken S/U.