

ANTH 499H **Ocean Wisdom:
Integrating Traditional and Western Ecological Knowledge of the Pacific** 1 UHC credit

CRN 58511 Lecture Section 001 T 1000-1050 STAG 237 Hixon, Mark/
Kingston, Deanna

This honors colloquium will help students to understand the strengths, weaknesses, and assumptions of the worldviews underlying traditional ecological knowledge (TEK) and Western scientific knowledge (WSK), focusing on the Pacific Ocean and its bordering lands. Students will compare and contrast the different epistemologies on which TEK and WSK are based through case studies throughout the Pacific region. The course introduces students to the “environmental humanities,” a new initiative at OSU to integrate the natural sciences and the humanities/social sciences in order to foster society’s response to pressing environmental problems via novel holistic and synergistic approaches. The course is therefore designed to involve students of the natural sciences as well as the arts, humanities, and social sciences. Satisfies **UHC Colloquia**.

AREC 399H **The Environment, Sustainability and Quality of Life:
What’s Economics Got To Do With It?** 1 UHC credit

CRN 57027 Lecture Section 001 T 1400-1450 WLKN 108 Jaeger, William

This honors colloquium will explore a variety of topics with two goals in mind. First, to challenge students to grapple with some fundamental questions about values and rights, individual versus collective interests, the present versus the future, how to decide what society “ought” to do, and how to achieve collective goals. The colloquium will emphasize environmental and sustainability issues as the context for thinking through broader questions of well-being, equity, fairness and future generations. The second goal is to introduce students to a few broad principles from economics and related social sciences that offer practical approaches and insights for addressing obstacles to collective action – whether local or global. This course is intended for students at all levels. Satisfies **UHC Colloquia**.

BA 215H **Money & Investment Management: Manager, Lender & Investor Viewpoint** 4 UHC credits

CRN 55663 Lecture Section 001 TR 1000-1150 STAG 233 Romero, Madeleine

Have you ever wondered what drives the value of companies and their stock prices, and how financial and operational performances differ between companies? Can you apply that knowledge to personal finance in understanding your own “value” (or net worth), how to measure and improve your “financial performance”, and how to make appropriate investment decisions in the stock or bond markets? Are you looking for an interesting and relevant course? Learn about the basic concepts and practicum of accounting and financial statement construction and apply that knowledge to real-world companies. Assess the financial information from a manager’s, lender’s, and investor’s perspective. Regardless of your major or discipline, this course gives you invaluable tools and information to link corporate accounting/finance to personal finance. Cases (and Excel spreadsheets where appropriate) will be used to facilitate the connection between academia and the real world. **PREREQ:** Designed exclusively for non-business majors or business minors. Not open to business majors. *Sophomore standing Prerequisite is waived for this section.* Satisfies **UHC Elective**.

BA 352H **Managing Individual and Team Performance** 4 UHC credits

CRN 55513 Lecture Section 001 TR 1200-1350 STAG 233 Baldrige, David

Diagnose individual and small-group behavior and develop skill in improving individual and small-group performance in entrepreneurial and established ventures. Emphasis on professional skill development and the practical application of theory and research. Concepts of ethics, diversity and cross-cultural relations are integrated throughout the course. **PREREQS:** COMM 111 or COMM 114; *Junior standing Prerequisite is waived for this section.* Satisfies **UHC Elective**.

BB 399H Protein Portraits: The Aesthetic Alchemy of Life 2 UHC credits

CRN 56816 Lecture Section 001 MW 1100-1150 STAG 237 Mc Fadden, Philip

In this course each student will build one or more three-dimensional models of protein molecules. We will use the Protein Data Bank to guide our construction processes. In addition to covering the scientific description of proteins, the course will survey how leading graphic artists from Irving Geiss and Jane Richardson to today's Java hotshots have portrayed proteins as accessible works of art. Special attention will be paid to the scientific and artistic description of protein pockets where various materials become bound to proteins, including other proteins, leading to the astounding shapes and structures we witness today as masterpieces of biochemical research. Our protein models may be displayed in a public gallery exhibition. Satisfies **UHC Colloquia**.

BB 405H Scientists in the Public Eye 2 UHC credits

CRN 56412 Lecture Section 001 MW 0900-0950 WNGR 275 Ahern, Kevin

This course is aimed at teaching students how to effectively employ scientific communications in their professional lives. Aimed at students who will be applying to professional schools, the course consists of weekly discussions, interview practice sessions and exercise in both thinking on their feet and writing a personal statement. Student performances will be videotaped and the tapes will be used for analysis and enhancement of student communication skills. Student communication skills will be focused appropriately on the career interest of each student—professional schools, biotechnology industry, government agency, etc. Satisfies **UHC Colloquia**.

BI 103H General Biology 1 UHC credit

CRN 57033 Lecture Section 001 TR 0900-0950 MLM 026 Blair, Lesley
CRN 58431 Lecture Section 002 TR 1000-1050 MLM 026 Blair, Lesley
CRN 57035 Lab Section 010 M 1400-1650 WNGR 127/129 Lavery, Mark

Human anatomy and physiology, and human diseases. This course emphasizes acquiring biological knowledge and skills to be able to critically analyze complex and current biological issues. Students will engage in aspects of the research process to better understand the nature of scientific inquiry. Lecture is shared with non-Honors, the lab is reserved for UHC students. Additional \$20 fee. The lecture and recitation total 4 OSU credits. No prerequisites. Satisfies **UHC Elective, BCC, Perspectives and Biological Sciences**.

BI 213H Principles of Biology 2 UHC credits

CRN 55567 Lecture sec. 001 MWF 1000 – 1050 MLM 026 Harwell, Amy
OR
CRN 55566 Lecture sec. 002 MWF 1300 – 1350 MLM 026 Harwell, Amy

SIGN UP FOR ONE OF THE LAB/401H PAIRS BELOW

CRN 55568 Lab Section 010 M 1400 - 1650 WNGR 228 Rajagopal, Indira

AND

BI 401H

CRN 53571 Add'l Lab Credit, Sec. 001 M 1400 - 1650 WNGR 228 Rajagopal, Indira

OR

CRN56379 Genomics Lab Section 020 T 0900 – 1150 CORD 3003 Denver, Dee/

AND

BI 401H Add'l Lab Credit Sec. 002 T 0900 – 1150 CORD 3003 Taylor, Barbara

CRN 57265

Genomics

(Limited to First-year and Sophomore students, by application only)

Cell biology, organ systems, plant and animal biology. Lecture common with non-Honors. Lab is reserved for UHC students enrolled in lecture/lab sections of BI 213. The BI 401H credit is an additional credit for research done during the lab section. Lecture, lab, and additional lab research credit (BI 401H) total 5 OSU credits. Additional \$30 lab fee. **PREREQ/COREQ:** General Chemistry. Satisfies **BCC, Biological Science**.

Genomics Lab, Section 020 and BI 401H Add'l lab, Section 002. This laboratory is part of an innovative and inquiry-based program to find new viruses of bacteria and enter their newly discovered viral genome into a national database of sequences. *Contact the Biology department for registration, which is by application only.*

BI 435H **Genes & Chemicals in Agriculture, Value & Risk** 3 UHC credits

CRN 57037	Lecture Section 001	TR 0830-0950	PVY 108	Strauss, Steven
CRN57039	Recitation Sec. 010	W 0900-0950	PVY 108	Stone, David

This class will examine the use of genetic engineering and pesticides with respect to their benefits and damages to societies and the environment. The class features lectures by experts in a number of fields that range from organic agriculture to animal cloning. The class will address biological and social aspects of biotechnologies, including scientific methods, safety analysis, government regulation, corporate interests, information reliability, and ethical considerations for decision-making. Each lecture is followed by small group discussions and interviews with the speaker to help critique the information presented, and answer questions of interest to students. Students should have junior, senior or grad student standing, and at least two quarters of introductory biology. Crosslisted as BI 435H; FS 435H; TOX 435H. Satisfies **BCC, Science, Technology & Society**.

CH 226H **Honors General Chemistry** 5 UHC credits

****Choose lecture and **one** of the corresponding recitation sections.

CRN 53970	Lecture Section 001	MWF 1200 – 1250	GILB 124	Watson, Phil
CRN 53971	Recitation 010 and Lab	T 1400 – 1450 T 1500 – 1750	BAT 150 GBAD 209F	Haak, Margie
OR				
CRN 53972	Recitation 011 and Lab	R 1400 – 1450 R 1500 – 1750	BAT 150 GBAD 209F	Haak, Margie

Third course in General Chemistry sequence for Honors College students with one-year high school chemistry. This sequence examines the characteristics of molecular and atomic behavior and the way in which these influence chemical properties and reactions. \$28 lab fee. PREREQ: CH 222 or 225H. Satisfies **BCC, Physical Science**.

CH 463H **Experimental Chemistry II** 3 UHC credits

CRN 53572	Lecture Section 001	M 1300-1350	GBAD 211	Pastorek, Chris/ Firpo, Emile
CRN 53573	Lab Section 00	M 1400 – 1650 W 1300 – 1650	GBAD 309 GBAD 309	

Advanced integrated laboratory course for junior level chemistry majors. A complete mini-research project covering a search of the literature, designed organic synthesis, photophysical and photochemical study culminates in a scientific poster presentation. PREREQS: (CH 362 or CH 362H) and CH 442 (may be taken concurrently), (CH 324 or CH 461 or CH 461H). \$40 lab fee. Satisfies **BCC, WIC** for Chemistry majors.

CHE 405H **Plastics for Poets** 2 UHC credits

CRN 57703	Section 001	W 1600-1750	STAG 233	Rocheftort, Skip
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In one of the most memorable scenes from the 1967 movie classic “The Graduate”, Ben (Dustin Hoffman) is given an invaluable piece of advice by Mr. McGuire, one of his father's oldest business friends: Mr. McG: Ben, come with me for a minute. I want to talk to you. I just want to say one word to you. Just one word. Ben: Yes sir. Mr. McG: Are you listening? Ben: Yes, I am sir. Mr. McG: PLASTICS! Ben: Exactly how do you mean that? Mr. McG: There's a great future in PLASTICS. Think about it. Will you think about it? Ben: Yes, I will sir.

And indeed PLASTICS “were” the future and still “are” a major part of the present (because they don't break down and will never go away!). This colloquium will expose students to their reliance on plastics in every aspect of their daily lives-from soft drinks, shampoos, and baby diapers to automobiles. After some introductory overview material, the course direction will be determined in large part by the interests of the participants. There will be a series of demonstrations and experiments on making plastics and other gel materials; measuring the properties of plastics; plastics recycling; paper vs. plastic; plastics in food; and the best part of all - plastic toys! Each student will be given their very own example of what has been called by some educators (yours truly included) “...the most educational toy ever invented.” Non-Chemical Engineering students will particularly enjoy this opportunity. The material will be presented in such a way that it is accessible to students from all majors. There are no pre-requisites for the course - other than a genuine interest in learning how and why many of the items we encounter each day are made. Satisfies **UHC Colloquia**.

ECON 202H **Introduction to Macroeconomics** 4 UHC credits

CRN 57704 Lecture Section 001 TR 1400-1550 STAG 233 Tekin-Koru, Ayça

An introduction to macroeconomic principles including study of the theories of output determination, consumption, investment, inflation, unemployment, and fiscal and monetary policy. Other selected topics may include the study of the international balance of payments, growth and development, and urban and regional problems. **PREREQS:** MTH 111 or equivalent is recommended. Satisfies **BCC, Social Processes & Institutions**.

ENG 399H **Film Censorship** 1 UHC credit

CRN 57010 Lecture Section 002 TR 1600-1650 OWEN 103 Lewis, Jon
Class meets weeks 1-5 of term

This class will explore the history of film censorship from early attempts to ban the medium in 1895 through the contemporary management of film content through the MPAA's Classification and Rating Administration. Of particular interest will be the Mutual case (a US Supreme Court case that denied filmmakers 1st Amendment protection), the development and enforcement of the Production Code (written by a Jesuit priest) that governed film production from 1930-1968, the series of challenges to the code mounted in the 1950s and 1960s, the adoption of the Movie Rating System in 1968, and the contemporary struggle between the MPAA studios and file sharers (trading digital copies of movies on line, posting copyrighted work on sites like YouTube). Satisfies **UHC Colloquia**.

FS 435H **Genes & Chemicals in Agriculture, Value & Risk** 3 UHC credits

CRN 57007 Lecture Section 001 TR 0830-0950 PVY 108 Strauss, Steven
CRN57008 Recitation Sec. 010 W 0900-0950 PVY 108 Stone, David

Crosslisted as BI 435H; FS 435H; TOX 435H. See BI 435H for course description. Satisfies **BCC, Science, Technology & Society**.

H 491H **Current Selected Issues in Mental Health in the United States** 2 UHC credits

CRN 57013 Lecture Section 001 MW 1300-1350 STAG 237 Tricker, Raymond

This course is designed to examine the effects of important past and current issues related to mental health and mental disability in the United States today, in particular: the mental health professions and different approaches to treatment; risk factors and causes of mental illness; the residual impact of deinstitutionalization; housing and homelessness among the mentally ill; the right to refuse treatment; some major mental disorders – schizophrenia, depression and suicide, phobia/anxiety disorders; post Second World War mental health policy; the influence and relationship among philanthropic groups and government; innovations in mental health-supportive housing and assertive community treatment (ACT); the legal system; and the concept of dangerousness and mental illness, are areas of study for this class. Students will be able to apply innovative analytical techniques to examine how many mental disorders are reinforced by psycho-social and socio-psychological interactions. Graded P/N. Satisfies **UHC Colloquia**.

HC 199 **Honors Writing -Multidisciplinary** 3 UHC credits

CRN 52226 Lecture Section 001 MW 0800-0920 STAG 233 Hill, Eric

Becoming a critical reader and thinker promotes clear writing and verbal communication. You will hone your skills in a discussion/debate format, along with frequent in-class writing assignments and presentations. You will also further develop your abilities to be a critical reader. We will be examining texts from many disciplines and on a variety of topics; you will also bring in examples for discussion. The research paper, which includes both formal documents and informal writing, will focus on an ethical/controversial issue or current research within your discipline; this will include field and library research. *Required for Honors Scholar track.* Satisfies **BCC, WR II**.

HC 399 **Mexico, Service Learning Abroad (Re-entry)** 2 UHC credits

CRN 58129 Lektion Section 003 R 1700 – 1850 STAG 237 Baker, LeeAnn/Win, ThetMar
Meets weeks 2, 4, 6 and 8: 4/8, 4/22, 5/6, & 5/20

This course is a reentry course from a 6-day service experience over spring break March 2010 with Centro Cultural de Lenguas in Morelia, Mexico. The course will provide opportunities for students to continue the learning process by reflecting on their experience. Guided reflection will allow individuals to recognize, understand, and analyze the service learning experience. It will also provide an opportunity to refine skills in cross-cultural communication, to make better sense of experiences abroad, and to learn more about cultural observation and adaptation. The course will help students apply their learning to their professional and personal lives. Designed for process oriented learning, the class allows instructors to develop and integrate an active learning strategy aimed at engaging students in bridging their study abroad experience and their field of study. **PREREQ: HC 399 Mexico Service Learning Abroad Winter 2010. Satisfies UHC Elective.**

HC 407 **Shakespeare Via Ashland** 1 UHC credit

CRN 52228 Seminar Section 001 TR 1800 - 1850 STAG 233 Olson, Rebecca

Organizational meeting (Wednesday, April 7, 1800 in the McNary Raintree Lounge), three day field trip (April 9, 10, and 11), and two discussion meetings both 1800 (pick one: Tuesday, May 4, STAG 233 or Thursday, May 6, STAG 233). Read Shakespeare's Hamlet and attend three plays and a backstage tour. Two short writing assignments: 1. Blog entry (1 paragraph), and 2. Metatheater Essay (2 pages).

Travel Details: Leave Friday, April 9, at 12:30pm; arrive in Ashland to check into the Best Western Winsor Inn and leave to attend play. Saturday morning (following breakfast) is a student tour at 10:30 am and our second play at 1:30 pm, your afternoon is free to explore Ashland and Lithia Park until our final play at 8:00 pm. Sunday, 8:00 am we will leave Ashland.

Cost: \$205.00 includes tickets for three plays and the tour, coach travel, and two overnight stays at the Windsor Inn. Bring money for snacks and meals, besides breakfast (which will be provided). To secure your place, register for the course. Since all arrangements have been prepaid for, course fee is non-refundable. All students are required to travel and stay as a group in trips sponsored by the University Honors College. Pick up class syllabus in the UHC office during Dead Week of Winter Term. Please note that this class can only be taken twice for credit. Graded P/N. **Satisfies UHC Colloquia.**

HC 407 **The Physics and Philosophy of Time** 1 UHC credit

CRN 53822 Seminar Section 002 R 1600-1650 WNGR 305 Krane, Kenneth

What is time? Physicists and philosophers have differing viewpoints about the ultimate nature of time. According to Isaac Newton, time is universal, unchanging, and independent of the observer. Modern theories of physics, however, give us a very different view. In this course we will explore how our ideas about time have been shaped by special and general relativity, cosmology, thermodynamics, quantum mechanics, and time reversal asymmetry. All of these topics will be discussed at an elementary level – no previous physics or mathematics background is necessary for this course. Weekly reading assignments and short reaction papers are required. **Satisfies UHC Colloquia.**

HC 407 **God, Pain, and the Problem of Evil: An Introduction to C. S. Lewis** 1 UHC credit

CRN 52229 Seminar Section 003 M 1600-1650 GILK 100 Ferngren, Gary

C. S. Lewis (1898-1963), Oxford don, novelist, literary critic, and philosopher, was one of the most gifted and popular philosophical writers of his generation. From the point of view of orthodox Christianity, Lewis dealt in his theological and imaginative works with some of the most basic and perennial moral and religious questions. Graded P/N. **Satisfies UHC Colloquia.**

HC 408	Introduction to Thesis	1 UHC credit
CRN 58154	Thesis Section 001 T 1700-1850 STAG 203 Class meets in three evening workshop sessions; April 6, April 20, May 4	Arp, Daniel

This course will introduce students to thesis expectations for the Honors Thesis, which is the capstone academic experience in the UHC. *This course is a mandatory component of the Honors Thesis and should be taken no later than the junior year.* Graded P/N. Satisfies **UHC Intro to Thesis**.

LEADERSHIP LEARNING COMMUNITIES

Students may earn up to 3 credits to count as UHC Electives.

Registration override given after approval of signed **Learning Agreement**
Learning Agreements are available in the UHC main office

HC 409	Practicum/Forum Coordinator	1 UHC credit
CRN 52230	Section 001	
Duties include: Lead student groups interested in fostering student involvement either on campus or in the local community; carry out short-term community service projects; promote and recruit UHC students to be involved in projects; establish annual events involving a wide-range of skills and interests; serve as a student advisor to an OSU student group. Graded P/N. Satisfies UHC Elective .		
HC 409	Practicum/Leadership And Mentoring	1 UHC credit
CRN 52231	Section 002	
This is an opportunity for students with advanced understanding to gain experience in group dynamics and management skills under the direction of a faculty member within their major. Duties vary by discipline. For example, the responsibilities may include: Assisting in course development; mentoring undergraduate students; managing student work groups; assisting students in the laboratory; proctoring exams. Graded P/N. Satisfies UHC Elective .		
HC 409	Practicum/Student Learning Center Staff	1 UHC credit
CRN 52232	Section 003	
Duties include: staff the Student Learning Center main desk <u>three hours per week</u> ; oversee use of the computers, coach basic computer skills of the UHC students, answer the phone; maintain a positive learning environment; and assist the main office with basic tasks in the Student Learning Center/Computer Lab. Graded P/N. Satisfies UHC Elective .		
HC 409	Practicum/The Chronicle Staff	1 UHC credit
CRN 52233	Section 004	
Duties include: Work with a student committee and the Program Staff, organizing, editing, printing and distributing the UHC newsletter, The Chronicle. Graded P/N. Satisfies UHC Elective .		
HC 409	Practicum/Community Coordinator	1 UHC credit
CRN 52235	Section 006	
Duties include: Lead student groups interested in fostering student involvement either on campus or the local community; carry out short-term community service projects; promote and recruit UHC students to be involved in projects; establish annual events involving a wide-range of skills and interests; serve as a student advisor to an OSU student group. Graded P/N. Satisfies UHC Elective .		
HC 409	Pathways Scholar Mentor Program	1 UHC credit
CRN 52197	Section 007	
The Pathways Scholar Mentor Program provides an opportunity for honors students to help INTO Pathways students practice English conversation. Participating honors students commit to meeting on average one hour per week with their international partner, keep a log of the times and places they met and the topics discussed, and complete a 2 page "reflections" paper at the end of the term. Program information and application forms are available at http://oregonstate.edu/dept/honors/pathways . Students should meet with a UHC advisor to complete a Learning Agreement. Applications should be submitted to Candace (Candy) Pierson-Charlton with INTO in Heckert Lodge, who will schedule a 20 minute appointment prior to matching with a Pathway student. Graded P/NP. Satisfies UHC Elective.		

HST 390H **In Their Own Words: Middle Eastern Women** 4 UHC credits

CRN 57042 Lecture Section 001 MWF 1000-1110 MLM 301 Katz, Jonathan

In this course, students will study contemporary Middle East history through first-person narratives written by Middle Eastern women from several different countries (Egypt, Iran, Turkey, Morocco). Students will also consider the portrayal of women in contemporary Middle Eastern film. While the readings reflect the varying personal circumstances of the writers, several consistent themes emerge. These include the changing role of Middle Eastern women within the family, the engagement of these women in the political and social movements of their day, and the impact of secularization and Westernization upon their lives. Satisfies **BCC, Contemporary Global Issues**.

MTH 254H **Vector Calculus I** 4 UHC credits

CRN 53976 Lecture Section 001 MWF 1000-1110 STAG 233 Bogley, William

Vectors and geometry: coordinate systems, scalar product. Vector-valued functions: velocity and acceleration. Real-valued functions of several variables: partial and directional derivatives, gradient, extreme values. Multiple Integrals: change of coordinates, applications. PREREQ: MTH 252 or 252H. Satisfies **UHC Elective**.

MTH 256H **Applied Differential Equations** 4 UHC credits

CRN 57337 Lecture Section 001 MWF 1300-1350 KIDD 280 Solmon, Don
CRN 57705 Recitation Sec. 001 W 1400-1450 KIDD 280

First order linear and nonlinear equations, and second order and higher order linear equations, Laplace transform, and applications appropriate for science and engineering. PREREQ: MTH 254 or instructor consent. Satisfies **UHC Elective**.

OC 399H **Astrobiology** 2 UHC credits

CRN 56375 Lecture Section 001 TR 1300-1350 ROG 332 Colwell, Fredrick/Fisk, Martin

The question of whether life exists elsewhere in the universe is a verifiable scientific hypothesis. "Astrobiology" is an interdisciplinary course that combines aspects of astronomy, physics, chemistry, geology, and biology that are relevant to the origin and evolution of life and its possible distribution in the universe. Students will use basic scientific principles of these five fields of science to explore the limits of life in the cosmos. Classroom activities will be used to illustrate the principles. An exercise that is designed to explore and develop each classroom activity will be assigned. Readings will be assigned as background for the lectures. Exercises and readings will require 1 to 3 hours of effort outside of the classroom for each class period. There will be an overnight field trip to the Goldendale Observatory (in Goldendale, WA) to view the night sky. The field trip also includes geology and microbiology discussions and site visits that are relevant to the astrobiology theme. It is scheduled for Sat April 10 with return on Sun April 11. Recommended background: One year of high school chemistry. Satisfies **UHC Colloquia**.

PH 221H **Recitation for Physics 211** 1 UHC credit

CRN 53574 Recitation Sec. 001 R 1100 - 1150 WNGR 304 Jansen, Henri

Honors recitation reserved for UHC students enrolled in lecture/lab section of PH 211. One-hour weekly session for the development of problem-solving skills in calculus-based general physics. Lecture, Lab, and Recitation, 5 OSU credits. COREQ: PH 211. Satisfies **BCC, Physical Science**.

PH 223H **Recitation for Physics 213H** 1 UHC credit

CRN 55589 Recitation Sec. 001 R 1100 - 1150 WNGR 304 Jansen, Henri

Honors recitation reserved for UHC students enrolled in lecture/lab section of PH 213. One-hour weekly session for the development of problem-solving skills in calculus-based general physics. Lecture, Lab, and Recitation, 5 OSU credits. COREQ: PH 213. Satisfies **BCC, Physical Science**.

PH 399H	Computational Thinking for Gen P			2 UHC credits
CRN 57706	Lecture Section	TR 0900-0950	STAG 237	Landau, Rubin

The **petascale generation** will require multidisciplinary teams to solve problems, and this mindset is one of the things the course will try to teach. One has to rethink the entire approach to problems in order to know what kind of problems can be solved with massively parallel computation, and this requires communication among practitioners who may use different words to describe the same concepts. More specifically, there will be a focus on how humans communicate with computers and how computers can be made to present data in forms that best communicate their contents to humans. If students have laptops, then we can do some innovative pedagogy, for example, setting up a computer cluster in class using the (free) bootable CD. Satisfies **UHC Colloquia**.

PH 407H	Topics in Religion and Science			2 UHC credits
CRN 56818	Seminar Section 001	TR 1400-1450	STAG 237	Stetz, Albert

Modern science, particularly physics, cosmology, and biology have been used both as arguments for and refutations of western religion. For example, most of the recent winners of the 1.5 million dollar Templeton Award (given for, "exceptional contributions to affirming life's spiritual dimension") have been well-known physicists. On the other hand, the recent bestsellers, Richard Dawkin's *The God Delusion*, Sam Harris's *The End of Faith*, and Christopher Hitchen's *God is Not Great*, claim that modern evolutionary theory and genetics definitely refute the claims of religion in general and Christianity in particular. Since all these competing claims are based on good science they should be amenable to rational discussion. We can ask for example if modern cosmology can justify the belief in creation ex nihilo, whether quantum indeterminacy leaves room for free will, whether physical laws are consistent with the notion of divine intervention, and whether the intelligent design hypothesis makes sense in the light of modern genetics. These questions should be approached with an accurate understanding of the science involved and discussed in an atmosphere of mutual respect and tolerance. Satisfies **UHC Colloquia**.

PHL 325H	Scientific Reasoning			4 UHC credits
CRN 57043	Lecture Section 001	MW 1400-1540	STAG 233	Kaplan, Jonathan

What makes science science? That is, what separates what we call the sciences from all the other forms of human inquiry? While part of the answer no doubt has to do with the subject matter of science, part of it surely has to do with methodology or the style of reasoning that is employed in the sciences. Or perhaps we would do better to say the methodologies and styles of reasoning employed in the sciences... In this course, we will explore various aspects of what is usually meant by 'the scientific method' (or scientific methods) and some of the kinds of reasoning that go into scientific research programs. We will discuss what separates 'science' from 'non-science' as well as what separates good science from mediocre or down-right bad science, and of course, why these distinctions matter. As part of this, we will read historical case studies, legal decisions, and recent work by philosophers of science. Satisfies **BCC, Science, Technology, and Society**.

PS 205H	Introduction to International Relations			4 UHC credits
CRN 56819	Lecture Section 001	MW 1400-1550	WNGR 201	Bernell, David

This course examines major topics, theories and problems in international politics. It will include subjects such as international economics, the spread of weapons of mass destruction, peace in the Middle East, the role of the United States in the world, the rise of China, energy and the environment, and competing interpretations and theories explaining the behavior of countries. The course consists of several major elements: lecture, discussion, in-class group activities, papers, film, and exams. *PS 201 Prerequisite is waived for this section*. Satisfies **BCC, Social Processes & Institutions**.

PS 405H **What Next? Adapting to Global Interdependence** 2 UHC credits

CRN 56052 Section 001 W 1400-1550 STAG 237 Clinton, Richard

Global interdependence has come about gradually but inexorably as 1) the human population has burgeoned, 2) new technologies have multiplied human interactions and impacts, 3) globalization of trade has intermeshed geographically separated economies, 4) weapon systems have acquired unprecedented reach and destructiveness, and 5) modern communications have revealed every part of the world to every other part. Climate change, which results from the cumulative effects of these processes on the global eco-system, is, perhaps, the most dramatic symbol of Global Interdependence. While these various trends have not gone unreported, the profundity of the change that Global Interdependence represents in the conditions of life on Earth has largely escaped notice. In light of these new conditions, accepted assumptions must be revised, honored values rethought, accustomed ways of doing things modified or abandoned. Satisfies **UHC Colloquia**.

TOX 435H **Genes & Chemicals in Agriculture, Value & Risk** 3 UHC credits

CRN 57029 Lecture Section 001 TR 0830-0950 PVY 108 Strauss, Steven
CRN57031 Recitation Sec. 010 W 0900-0950 PVY 108 Stone, David

Crosslisted as BI 435H; FS 435H; TOX 435H. See BI 435H for course description. Satisfies **BCC, Science, Technology & Society**.

Z 499H **Ocean Wisdom:
Integrating Traditional and Western Ecological Knowledge of the Pacific** 1 UHC credit

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Kingston, Deanna

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*** The UHC routinely shares information with Honors Students via ONID e-mail. In order to have the latest information, students should verify that they are receiving the Monday Messages and read their ONID e-mail on a regular and frequent basis. Changes to the above schedule will also be posted on the UHC website.*

last modified 3/8/2010