

SCIENCE IN HUMAN CULTURE

Spring Quarter 2011 Undergraduate Course Offerings – Long Version

Available from <http://www.shc.northwestern.edu/undergraduate/courses.html>.

The following is a list and description of courses that may be counted toward the SHC adjunct major or minor. You may also petition the SHC Director to count a course not listed here.

CORE COURSES:

Please note that the following SHC core courses are being offered this quarter:

HISTORY 275-2-20-LEC(37166)

History of Western Science and Medicine: Modern Science and Medicine in Europe and the U.S.

TuTh 11:00AM - 12:20PM	Kresge Centennial Hall 2-380	Tania Munz
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HISTORY 377-0-01-LEC(37218)

Medicine in American Society

TuTh 2:00PM - 3:20PM	Swift Hall 107	Francesca Bordogna
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PHIL 326-0-20-LEC(37706)

Philosophy of Medicine

Tu 5:00PM - 7:30PM	Kresge Centennial Hall 2-430	Mark Sheldon
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SHC VISITING FACULTY:

Don't miss the opportunity to take classes with SHC's own Visiting Faculty members:

HISTORY 275-2-20-LEC(37166)

History of Western Science and Medicine: Modern Science and Medicine in Europe and the U.S.

TuTh 11:00AM - 12:20PM	Kresge Centennial Hall 2-380	Tania Munz
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SOCIOL-376-0-20-LEC(31489)

Topics in Sociological Analysis: Global Health and Transnational Social Movements

MoWe 11:00AM - 12:20PM

Annenberg Hall G21

Thomas Waidzunas

PRE-REGISTRATION PRIVILEGES:

We have arranged pre-registration privileges for SHC majors and minors for the following courses:

GNDR ST 332

HISTORY 275-2

HISTORY 377-0

HISTORY 392/395-33

HISTORY 395-40

SOCIOL 376

If you encounter any difficulties pre-registering for any of the above, please let Tasha know (n-dennison@northwestern.edu), and contact:

Gender Studies: Emily Gilbert (gender@northwestern.edu)

History: Susan Hall (susan-hall@northwestern.edu)

Sociology: Michelle Flowers (m-flowers@northwestern.edu)

For **PHIL 325-0**, although you may not pre-register, you can email Judith Kasen (j-kasen@northwestern.edu) and request a permission number as an SHC student. Although the permission number must not actually be used until regular registration begins, a spot will be saved for you in the class.

For **PHIL 326-0**, there is a special procedure due to high demand. Email Judith Kasen (j-kasen@northwestern.edu) to request a spot on the wait-list. The instructor will select all students from the wait-list. Be sure to provide the following information:

- 1) Class standing
- 2) School (WCAS/MEAS/Comm/etc)
- 3) *Briefly and to the point*, explain your need for the class (e.g., fulfills SHC core requirement, fulfills requirement for degree, fulfills Area V Distro – Ethics and Values for degree, need it for pre-med preparation, etc.).

DETAILED LISTING BY DEPARTMENT FOLLOWS...

ANTHROPOLOGY

Anthro 355-0-20-LEC(37062)

Sexualities

TuTh 4:00PM - 5:20PM	University Hall 101	Mary Weismantel
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This course introduces students to the anthropological study of sexuality, sexual diversity, sex work and sexual violence. We begin with classic studies such as Bronislaw Malinowski's 1929 book "The Sexual Life of Savages", re-visit some controversies, and end with some recent ethnographies. The emphasis in the course is on the cultural construction of sexual desire and identity, and the social processes that make people grow up as 'normal' sexual subjects, and punish them if they do not. We will read about people from tiny islands in the Pacific, and from isolated rural areas major metropolitan areas in the United States, Europe, India, and Brazil.

Teaching Method

The format of the course is as follows: one hour of lecture each week, and eighty minutes of student-led discussion. Each group of student discussion leaders will meet with the professor for one half hour during the week before they lead discussion. Students are graded on two take-home essay exams (70% of total grade) and on participation in, and organization of, discussion (30%).

Class Materials (Required)

Leslie Feinberg, Stone Butch Blues (1993, Alyson Books). Don Kulick, Travesti (1998, University of Chicago Press) . Elizabeth Bernstein, Temporarily Yours (2007, University of Chicago Press). Gloria Wekker, The Politics of Passion (2006, Columbia University Press). David A. B. Murray, ed. Homophobias (2009, Duke University Press).

BIOLOGICAL SCIENCES

BIOL_SCI 122-6-20-LEC(33302)

Freshman Seminar: The Implications of the Human Genome Project

TuTh 3:30PM - 4:50PM	Technological Institute L158	Angela Anderegg, Rebekah Ward
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Overview of class

The Human Genome Project (HGP) was a 13-year project coordinated by the National Institutes of Health that aimed to sequence all 3 billion base pairs that make up human DNA. The tremendous amount of knowledge gained from this project has led to beneficial medical applications, as well as, certain social challenges. Thus, the goal of this course is to facilitate students' critical reading and analysis of the associated scientific literature, while building communication skills. Topics for written reflection and oral discussion will center around the effects that scientific discovery have on all areas of society (including but not limited to: economics, politics, religion, genetic/reproductive rights, and ethical responsibility).

Teaching Method

The class will consist of a short presentation by the instructors (including both background information on the topics for discussion and tutorials on writing research papers) followed by student-led discussion. Students will be responsible for completing the assigned readings before each class, and then through short power point presentations and round-table discussion they will analyze these controversial topics from multiple perspectives.

Evaluation Method

Reflection Papers (6) - 1-2 pages: 25% Short Papers (1) - 3-4 pages: 15% Research Paper (1) - 8-10 pages: 30% Participation: 30% Number of Writing Assignments and Their Lengths: At the end of each week students will write short, 1-2 page reflection papers synthesizing the readings and class discussions. Midway through the course, students will write a 3-4 page review paper to examine and critique the primary literature. Finally, students will build on their earlier writings to produce an 8-10 page research paper focusing on one of the topics discussed during the course.

Class Materials (Required)

Lesk, Arthur M. (2007) Introduction to Genomics. Oxford; Oxford University Press Collins, F.S., Green, E.D., Guttmacher, A.E., Guyer M.S., (2003) A Vision for the Future of Genomics Research: A Blueprint for the Genomic Era. Nature, 422: 835-847. Huxley, Aldous (1932) Brave New World. London; Chatto and Windus Carr, G. (June 19, 2010) Biology 2.0: A Special Report on the Human Genome. The Economist, 394, special report after page 50. Other readings will be provided as PDFs on Blackboard.

BIOL-SCI 164-0-01-LEC(31685)

Genetics and Evolution

TuTh 12:30PM - 1:50PM

Technological Institute AUD

Joseph Walsh

Overview of class

Genetics and evolution are the organizing principles of biology, and possess great explanatory power about why things are the way they are in living systems. This course surveys basic mechanisms in genetics and evolution to provide students with the conceptual tools to critically evaluate hotly-debated modern issues, such as genetically-engineered foods, the appropriate use of information on hereditary diseases, the genetic versus environmental basis of behavior, and the importance of biodiversity to human well-being and survival.

Registration Requirements

None.

Teaching Method

Two lectures per week.

Evaluation Method

Three midterm examinations.

Class Materials (Required)

REQUIRED CUSTOM PUBLICATION TEXT is: selected chapters from Raven et al. (McGraw-Hill), bound with additional readings from three other books. ISBN number is 0-390-68844-4. NOTE: This custom publication will only be available at the Norris bookstore.

Class Notes

Credit not allowed for both BIOL 164 and BIOL 170. No credit while or after taking any part of the BIOL SCI 210-1,-2,-3 sequence or 110-1, -2, -3 sequence. No P/N allowed. NO DISCUSSION SECTION.

CLASSICS

CLASSICS 110-0-20-LEC(37443)

A Study of Scientific Vocabulary Through Classical Roots

TBA	View Class Details for Room	Jeanne Ravid
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Overview of class

Independent Study format. Three mandatory class meetings: introductory meeting, midterm and final exams. Students are on their own to study and complete the exercises in the text/workbook, take non-credit practice quizzes available on Blackboard, and take the midterm and final exams as scheduled (no makeup exam for midterm; makeup exam for final with permission of the WCAS Advising Office only). Midterm exam covers the first eight of sixteen chapters in the text/workbook; final exam covers all sixteen chapters. Instructor is available to students during office hours or by appointment, by email or phone. Blackboard is used extensively for instruction and communication. Practice quizzes may be taken at any time for study or review purposes and may be self-graded or graded by the instructor. These do not count toward the final grade, but are valuable as a diagnostic tool and pacer for the student and serve as preparation for the midterm and final exams.

Registration Requirements

Sophomore standing or above. (This does not include first-year students with advance standing.) P/N allowed. Attendance at Introductory meeting mandatory, or be automatically dropped from the class. Intro meeting: Wed., March 30, 5:00-5:50pm in Harris L07 Midterm exam Thurs., April 28, 7:00-8:00pm in Harris L07 Final exam Tuesday, June 7, 7:00-9:00pm, Room TBA

Learning Objectives

The intent of this course is to familiarize the student with a wide range of Greek- and Latin-derived words encountered in scientific and primarily medical fields. Students will gain familiarity with the basic components and an understanding of the underlying principles in word formation. This will include acquiring a basic vocabulary of word roots, prefixes, and suffixes, much of which is a matter of memorization. It will also include analysis of words, aiming at an understanding of the relationship of the various components. With a good grasp of how all such words work, the meaning of thousands of scientific words never seen before may be guessed at with reasonable assurance of accuracy. Because of the cumulative nature of this material, if the final exam grade is higher than the midterm exam grade, it will count as 100% of the final grade in the course.

Evaluation Method

Exam, final--50% of final grade, unless higher than midterm exam grade, in which case final exam grade counts as 100% of grade in the course. Exam, mid-term--50% of final grade, unless lower than final exam grade, in which case midterm grade is dropped.

Class Materials (Required)

Walker-Esbaugh, Dunmore and Fleischer's Medical Terminology: Exercises in Etymology, 3rd edition (ISBN 9780803600324) Taber's Cyclopedic Medical Dictionary (ISBN 9780803612075) or any earlier or later edition

Class Notes

Intro meeting: Wed., March 30, 5:00-5:50pm in Harris L07 Midterm exam Thurs., April 28, 7:00-8:00pm in Harris L07 Final exam Tuesday, June 7, 7:00-9:00pm, Room TBA.

COMMUNICATION STUDIES

COMM-ST 298-0-20-LEC(35373)

Undergraduate Seminar: Digital Boom or Doom?

We 2:00PM - 4:50PM	Frances Searle Building 2370	Eszter Hargittai
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Overview of class

The increasing use of and reliance upon digital media raises many questions about new technologies' social, political, economic and cultural implications. Readings and discussions in this course will focus on how social institutions and social processes influence the potential benefits and downsides of an increasingly digital world. Topics covered include differences in people's social media uses, Internet skills, search, content sharing and online reputation management.

COMM_ST 378-0-20-LEC(37417)

Online Communities

TuTh 11:00AM - 12:20PM	Frances Searle Building 2370	Emilee Rader
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Overview of class

The Internet is a diverse medium for social interaction: business meetings that rely on collaborative software; distance/online learning; email, instant messaging, and chat rooms; social networks, Wikipedia, and social bookmarking; discussion forums and newsgroups; massively multiplayer online role-playing games (MMORPGs) and other social games; and many more. In this course, we will examine many different venues for online social behavior, focusing on online communities in which groups of people interact with each other over a period of time. Students will gain hands-on experience with a variety of tools through in-class demos, presentations, and discussion. Course work will include a group research or design project.

ECONOMICS

ECON 307-0-20-LEC(33461)

Economics of Medical Care

MoWeFr 9:30AM - 10:50AM	Swift Hall 107	Burton Allen Weisbrod
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Overview of class

Health care constitutes some 16 percent of GDP in the U.S.—triple the share 50 years ago. Why is it so large and growing? Why is it so much greater than for other industrialized countries? Why is insurance so important in health care, and what are the forms and effects of health care insurance? Why is there so much attention to importation of pharmaceuticals from other countries? Why has the technology of health care changed so dramatically, and what are the consequences? How should "quality" be measured for hospitals, physicians, and other health care providers, and why is its measurement important? Has the cost of health care really risen dramatically? Why is the health care sector regulated so heavily -- e.g., pharmaceuticals, hospitals, and nursing homes--and what are the regulatory issues? Why is so little known about the safety and efficacy of herbal medications, and does that have anything to do with economic forces? Why are nonprofit organizations so important in health care? Is prevention really cheaper than cure? What is the problem regarding medical malpractice insurance costs? Why do doctors no longer make house calls? These are but some of the issues to be examined in the course, which focuses on the effects of incentives, market forces, and public policies on the

health care system of the U.S. The course assumes familiarity with statistical methods and with micro-economic concepts at the intermediate level. Do not register for the course if you have not met the prerequisites shown below. However, while portions of the course will be theoretic or econometric in focus, the course will be primarily oriented to public policy analysis--applications of tools and concepts from economics to issues of public policy.

Registration Requirements

Economics 281, 310-1, and familiarity with econometric regression techniques.

Teaching Method

Two lectures per week plus a TA session on Fridays at the posted time on Caesar, but only for 50 minutes. There will also be homework assignments, with answers discussed at the TA sessions, and occasional quizzes, which will be unannounced.

Evaluation Method

Evaluation and grading will be made through a final examination (35% of the total grade), two midterm exams (25% each), and "class participation" (15%). Class participation includes attendance, involvement in class discussions--not merely responding when called upon--and quizzes and homework assignments. Regular class attendance is expected, as many matters not found in the assigned readings will be dealt with in class, and all cannot be covered in the exams.

There will be no make-up exam if a mid-term is missed. If I determine that the reason for the missed exam is acceptable, the weight normally given to that exam will be added to the final exam weight. Otherwise, a missed exam will be counted as a failing grade. (The reason for this policy is that there is no way that I can prepare an alternate exam that makes grading comparable with that of other students' scores.) **The final exam may not be taken earlier or later than the official announced time; if that poses a problem for you, you should not take the course.**

Class Materials (Required)

1. Textbook: Folland, Stano, and Goodman, *Economics of Health and Medical Care* (6th edition). ISBN: 978-0136080305.
2. Econ 307 Course Packet, available at the Economics Department Office.

Class Notes

I want to emphasize that this course is directed at understanding public policy issues and options. My goal is for students to understand the basic economic forces influencing public and private decision-making in health care, not only now but as they may change in the years ahead. My emphasis will be on developing students' ability to apply material from the readings and from lectures to realistic situations. My view is that memorization of material is of little or no value without the ability to know when and how to apply it to new situations. Thus, students will be expected to think, be critical, and consider alternatives and their consequences, and exams will be designed to test those skills.

ECON 318-0-20-LEC(36831)

History of Economic Thought

TuTh 11:00AM - 12:20PM	Frances Searle Building 1441	Laura Kiesling
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Overview of class

Development of economic thought and economic methodology from the advent of the mercantilists to the formation of current schools of economics. The course will focus on the evolution of economics as a body of

thought, with strong emphasis the movement from classical economics to neoclassical economics as a foundation for modern economic theory. This course is intended to be a capstone to your economics major, to be taken senior year, after the completion of the major's core classes and several electives.

Registration Requirements

Economics 201, 202, 281, 310-1, 310-2, 311 (FYI: 311 can be taken concurrently)

Teaching Method

2 class periods per week, 1.5 hours each; mix of lecture and in-class group work and discussion building on the readings of original material and the textbook

Evaluation Method

Midterm and final written exams; in-class group work and discussion

Class Materials (Required)

1. Niehans, *A History of Economic Theory*, Johns Hopkins Press (ISBN 0801849764)
2. Smith, *Wealth of Nations*, Liberty Press 2-volume set, (ISBN 0865970084)
3. Tucker, ed., *The Marx-Engels Reader*, Norton, (ISBN 039309040X)
4. Bucholz, *New Ideas From Dead Economists*, Plume, (ISBN 978-0452288447)

ECON 323-1-20-LEC(36832)

Economic History of the United States Before 1865

TuTh 2:00PM - 3:20PM	Tech Institute Lecture Room 5	Louis Cain
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No class description available. Check CAESAR for updates.

ECON 370-0-20-LEC(33468)

Environmental and Natural Resource Economics

TuTh 2:00PM - 3:20PM	Harris Hall L07	Laura Kiesling
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Overview of class

The environment and our natural resources are scarce yet their values are quite hard to determine. Furthermore, there are a variety of problems with the incentives to use them well. This course will define and examine "environmental problems" in terms of economic efficiency. Next, we will discuss the methods (and shortcomings of these methods) used by economists and policy-makers to place dollar values on environmental amenities (since such valuations will determine what policy options are deemed "efficient"). Then we will apply these tools to look at a particular set of environmental problems -- common-pool resource allocation problems. The common-pool resource problems and polices we'll analyze are air pollution, fisheries, and climate change.

ENVIRONMENTAL POLITICS

ENVR_POL 390-0-21-LEC(33779)

Special Topics in Environmental Policy and Culture: U.S. Environmental Politics

TuTh 9:30AM - 10:50AM	University Hall 122	H Paul Friesema
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Overview of class

International environmental policy-making has become increasingly important as critical environmental problems cannot be resolved unilaterally. This course explores different approaches to the resolution of international environmental problems. We will address the special nature of environmental conflicts and will study the role of new and old players in advancing politically feasible solutions to regional, international and global environmental problems. We will focus on issues including climate change, water, and sustainable development and will also discuss recent grassroots environmental activism.

ENVR_POL 395-0-20-LEC(33700)

Special Topics Seminar: Civic Participation and the Environment

Tu 2:00PM - 4:50PM	Harris Hall L06	Yael Wolinsky
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Overview of class

This seminar examines civic participation in international, national, and local environmental governance. We will examine theories pertaining to public participation and civil society development. We will then study the role that environmental nongovernmental organizations (ENGOs) play in setting the public agenda and in environmental policy-making. We will examine case studies of ENGOs and consider their legitimacy and accountability. We will also examine the roles of the media and public opinion and look at community responses to specific environmental issues.

GLOBAL HEALTH

GBL_HLTH 301-0-20-LEC(32493)

Introduction to International Public Health

Mo 6:00PM - 9:00PM	McGaw Pavilion 1-401	William Leonard
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No class description available. Check CAESAR for updates.

GBL-HLTH 390-0-21-LEC(33455)

Special Topics in Global Health: Anthropology & Public Health

Th 2:00PM - 4:30PM	Annenberg Hall G28	Elizabeth Barden
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No class description available. Check CAESAR for updates.

GENDER STUDIES

GNDR_ST 232-0-20-LEC(37596)

Sexuality & Society

TuTh 11:00AM - 12:20PM	Leverone Hall AUD/OwenLCoon	Hector Carrillo
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Overview of class

Sexuality is fundamental to the cultural, economic, political, and social organization of the United States. This course examines the theoretical and methodological approaches that have been used in sociological studies of sexuality--including those that guide sexuality-related analyses of meanings and identities, practices and behaviors, power and politics, and morality and social control. Topics will include sex work, sex tourism, sexual migration, LGBT social movements, relationships, the sexual moment, sexual diversity (including diversity by race, ethnicity, and social class), and moral panics.

Teaching Method

2 x 1hr and 20 minute lectures a week 1 x 50 minute discussion section a week

Evaluation Method

Critical review essays In-class midterm consisting of essay questions Take-home final exam Section attendance and participation

Class Materials (Required)

The reading list may include such authors as Sigmund Freud, Alfred Kinsey, Gilbert Herdt, Michel Foucault, Gayle Rubin, Elizabeth Bernstein, John Gagnon, Edward Laumann, David Valentine, Ken Plummer, Mignon Moore, C.J. Pascoe, and Elizabeth Armstrong, among others.

Class Notes

Attendance at first class is mandatory

GNDR_ST 332-0-20-LEC(33312)

Gender, Sexuality, and Health: Female Pleasure: Feminism

TuTh 2:00PM - 3:20PM	Kresge Centennial Hall 2-359	Amy Partridge
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No class description available. Check CAESAR for updates.

HISTORY

****SHC CORE COURSE*

****SHC Visiting Professor*

HISTORY 275-2-20-LEC(37166)

History of Western Science and Medicine: Modern Science and Medicine in Europe and the U.S.

TuTh 11:00AM - 12:20PM	Kresge Centennial Hall 2-380	Tania Munz
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Overview of class

From evolution by natural selection to atom bombs to genetic testing - modern science and medicine have given us powerful means of understanding and altering ourselves and our surroundings. In this course, we focus on some key scientific and medical developments of the last 200 years. We'll examine both the social ramifications of scientific discoveries as well as the profound effects society and culture have had on science as an investigative pursuit. Some of the questions we will explore include: How have scientific and medical knowledge developed within society and culture? What is distinct about modern science as opposed to other means of understanding the world? What is modern about modern science? And how has science helped us to understand such complex issues as the nature of life, time and space, race, sexual differences, and illness? This class invites students in the humanities and the sciences to explore the dynamic relationships between science, medicine, and our broader society.

Registration Requirements

No prerequisites.

Teaching Method

Lecture

Evaluation Method

Exam, final

Exam, mid-term

Papers: Three 1-page "reaction" essays; One 3-page essay

Class Materials (Required)

TENTATIVE until order posted to Norris website.

**Thomas Kuhn, *The Structure of Scientific Revolutions*

**Charles Darwin, *On the Origin of Species*

**James Watson, *The Double Helix*

**Sigmund Freud, *Five Lectures on Psycho-Analysis*

**C.P. Snow, *The Two Cultures*

**Paul Rabinow, *Making PCR: A Story of Biotechnology*

Class Notes

AREA OF CONCENTRATION: Americas or Europe

Attendance at first class is mandatory (applicable to enrolled, waitlisted and all potential students).

*****SHC CORE COURSE**

HISTORY 377-0-01-LEC(37218)

Medicine in American Society

TuTh 2:00PM - 3:20PM	Swift Hall 107	Francesca Bordogna
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Overview of class

This course offers a social and cultural history of medicine in America from the 18th century to today. We will trace the origins of modern scientific biomedicine and explore the ways in which medicine intersects with society and culture. Rather than chronicling events, the course will explore a few significant episodes and sets of debates, in an attempt to raise questions of broader import. How have medicine shaped policies about immigrants and the mentally ill? In which ways do biomedical technologies enter into the politics of the modern state? How do gender, class, and race politics affect medicine? And, vice versa, how does medicine contribute to the construction of gender, class, and race? How has the female body been represented and shaped by various medical discourses? How do cultural and medical understandings of cholera, sickle cell anemia, AIDS, and mental illness affect the ways in which we think about ourselves and others? And, most recently, how do genetic engineering, and new electronic and digital medical technologies affect our conceptions of health and disease, of the normal and the pathological?

We will explore the social valences of biomedicine by contrasting it with rival forms of healing such as homeopathy, meditation, and "mind/body" medicine, and will try to understand why alternative medicine is still so popular today.

Registration Requirements

No prerequisites

Teaching Method

Lecture

Discussion section: Required

Evaluation Method

Course grades will be based on class participation, discussion, and weekly quizzes (40%), a mid-term examination (20%), a 4-5 page mid-term paper (15%), a final examination (25%) . Topics for the final paper and study questions for the examinations will be handed out in advance. Study questions for the discussion sessions will also be handed out in advance.

Class Materials (Required)

TENTATIVE until order is posted to Norris website

**Charles Rosenberg, *The Cholera Years*

**Bruno Latour, *The Pasteurization of France*

**Steven Epstein, *Impure Science: AIDS, Activism, and the Politics of Knowledge*

**Keith Wailoo, *Dying in the City of the Blues: Sickle Cell Anemia and the Policies of Race and Health*

**Joseph Dumit, *"Is it Me or My Brain? Depression and Neuroscientific Facts"*

**There will be two photocopy packets

Class Notes

AREA OF CONCENTRATION: Americas

No P/N option (ANC grading only).

Attendance at first class is mandatory (applicable to enrolled, waitlisted and all potential students).

HISTORY 392-0-33-LEC(33054)

Topics in History: History of the Book

TuTh 12:30PM - 1:50PM	Harris Hall L05	Johnna Sturgeon
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Overview of class

This course will explore how changes in the technologies of written communication in Western culture have transformed our ways of thinking and learning from the Classical era to the present. What happens to knowledge and information, to publisher, author and reader as the medium of communication changes? We will trace the history of the book from papyrus rolls to hypertext within the context of Western intellectual and cultural history. Students will explore the impact that medium, whether it be the traditional book or the web page, has on authorship, the writing process, and reading practices. We will examine how such traditional concepts as textuality, the archive, and the book were created by changes in writing technologies, as well as how these concepts are being challenged by the contemporary digital revolution.

Registration Requirements

No prerequisites

This class may not be counted toward WCAS distribution requirements.

Teaching Method

Seminar

Evaluation Method

Students should enroll in either 392 or 395 depending upon which evaluation criteria should apply.

For the 392: Discussion participation, in-class presentation, glossary, book review, annotated bibliography.

For the 395: Research paper of 15-20 pp.

Class Materials (Required)

TENTATIVE until order is posted to Norris website

**Elizabeth Eisenstein, *The Printing Revolution in Early Modern Europe*, (ISBN 978-0521607742);

**Christopher de Hamel, *Scribes and Illuminators*, (ISBN 0-8020-7707-2);

**Robert Darnton, *The Case for Books: Past, Present, and Future*;

**Nicole Howard, *The Book: The Life Story of a Technology*;

**Adrian Johns, *Piracy: The Intellectual Property Wars from Gutenberg to Gates*

Class Notes

AREA OF CONCENTRATION: Europe

No P/N option (ANC grading only).

Attendance at first class is mandatory (applicable to enrolled, waitlisted and all potential students).

JOURNALISM

JOUR 383-0-20-LEC(36436)

Health and Science Reporting

We 9:00AM - 12:00PM	McCormick Tribune 3107	Patti Wolter
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Overview of class

Health and Science Reporting teaches students both how to think about science writing and how to write about

science and medicine. In this combination writing workshop and seminar we will read some of the best of the best science and health journalism on topics ranging from mosquitoes to the Space Shuttle. We will meet from expert scientists on campus and meet the editors and writers from leading scientific journals and publications. Students will learn what makes good science writing, how to find sources, how to evaluate information and how to sort out science from pseudo-science. Assignments will include student debates, critiques of science coverage in newspapers, magazines, television, radio and the Web, science/health/medicine journal rewrites, news briefs an in-depth narrative story on a science topic of students' own choosing, and, possibly, an opportunity to write live copy for a science magazine or website. All writing assignments may be done across platforms and visual journalism is encouraged.

Registration Requirements

Sophomore standing. Pending seat availability, non-journalism students are encouraged to enroll as well and most assignments will have a research-based (as opposed to journalism-based) option when necessary.

Class Notes

For BSJ students graduating in 2011 and after, this course counts in Elective Category II: Subject Areas.

PHILOSOPHY

PHIL 270-0-20-LEC(37896)

Climate Change and Sustainability: Political and Ethical Dimensions

TuTh 2:00PM - 3:20PM	Harris Hall 107	Bradley Sageman, H Paul Friesema, Mark Sheldon
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Overview of class

This course will present an interdisciplinary analysis of the politics and ethics underlying a sustainable approach to climate change; it includes introduction of the scientific evidence for anthropogenic global warming, discussion of the politics of sustainability in relation to the climate, and exploration of the ethics of resource use, conservation practices, and environmentalism.

Class Materials (Required)

TBA - PLEASE CONTACT INSTRUCTOR DIRECTLY FOR THIS INFORMATION

Class Notes

FOR FURTHER INFORMATION ON THIS CLASS PLEASE CONTACT INSTRUCTOR DIRECTLY FOR THIS INFORMATION

PHIL 325-0-20-LEC(37037)

Philosophy of Mind

MoWe 2:00PM - 3:20PM	Frances Searle Building 2378	Jennifer Lackey
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Overview of class

Course Description: This course will introduce students to the central issues in the philosophy of mind. The abilities to think, read, and write critically, to develop and defend arguments, and to appropriately justify one's

views will be emphasized. Topics to be discussed include dualism, physicalism, reductionism, non-reductionism, mental causation, qualia, and consciousness.

Registration Requirements

DEPARTMENT CONSENT Undergrads email j-kasen@northwestern.edu Grads email Jennifer-Lombardo@northwestern.edu NOTE: Section 20 is dedicated to undergraduates only. Section 21 is dedicated to graduates only. Undergrads: Do not register into sec 21. Grads: Do not register into sec 20.

Teaching Method

This course will be taught through both lecture and discussion.

Evaluation Method

The final grade for the course will be determined in the following way: Reading summaries and class participation, worth 20% of the final grade. One 4-5 page paper, worth 20% of the final grade. One 7-8 page paper, worth 30% of the final grade. One final exam, worth 30% of the final grade.

Class Materials (Required)

Reading List: Jaegwon Kim, Chapters 1-10 of Philosophy of Mind René Descartes, Meditations on First Philosophy (II and VI) Gilbert Ryle, "Descartes' Myth" Hilary Putnam, "The Nature of Mental States" Martine Nida-Rumelin, "Pseudonormal Vision: An Actual Case of Qualia Inversion?" Jerry A. Fodor, "Special Sciences (or: The Disunity of Science as a Working Hypothesis)" Jaegwon Kim, "Multiple Realization and the Metaphysics of Reduction" Ned Block, "Concepts of Consciousness" Thomas Nagel, "What Is It Like to Be a Bat?" Daniel C. Dennett, "Quining Qualia" David J. Chalmers, "Consciousness and Its Place in Nature" Frank Jackson, "Epiphenomenal Qualia" Paul M. Churchland, "The Rediscovery of Light" David M. Rosenthal, "Explaining Consciousness" Fred Dretske, "Conscious Experience" John R. Searle, "Can Computers Think?"
 TEXTBOOKS: Jaegwon Kim. 2006. Philosophy of Mind, Second Edition. Cambridge, MA: Westview Press. ISBN-13: 978-0-8133-4269-6 David L. Chalmers (ed.). Philosophy of Mind: Classical and Contemporary Readings. 2002. Oxford: Oxford University Press. ISBN: 0-19-514581-X

Class Notes

NOTE: Section 20 is dedicated to undergraduates only. Section 21 is dedicated to graduates only. Undergrads: Do not register into sec 21. Grads: Do not register into sec 20.

*****SHC CORE COURSE**

PHIL 326-0-20-LEC(37706)

Philosophy of Medicine

Tu 5:00PM - 7:30PM	Kresge Centennial Hall 2-430	Mark Sheldon
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Overview of class

COURSE DESCRIPTION: An exploration of a variety of issues that have arisen in medical practice and biological research and development, focusing particularly on the physician/patient relationship through a focus on a series of clinical cases.

Registration Requirements

PLEASE NOTE: This class will not be preregistering. The general registration procedure for this class is as follows: Students will be selected from a wait list. Your place on the list will not guarantee your being selected. Instead, To be placed on list please submit the following information to j-kasen@northwestern.edu: 1) Your class standing (senior/junior/etc.) 2) School (WCAS/MEAS/Comm/etc) and major(s) and/or minor (s) 3) Briefly and to the point identify your need for this class. For instance, does it fulfill a requirement? If so which program or

major requirement does it fulfill?

Learning Objectives

To develop insight into, and a philosophical understanding of, the conceptually and technologically complex environment in which contemporary medicine is practiced and biological research is conducted. A wide variety of readings will be considered, as well as relevant concrete cases that illustrate the dilemmas that are encountered.

Teaching Method

Lecture and discussion

Evaluation Method

Participation in class discussion (30%), written analysis of assigned case (15%) and presented in class (15%), and one paper on a topic chosen by the student but approved by the instructor (40%).

Class Materials (Required)

READING: Reading packet

Class Notes

PLEASE NOTE: This class will not be preregistering. The general registration procedure for this class is as follows: Students will be selected from a wait list. Your place on the list will not guarantee your being selected. Instead, To be placed on list please submit the following information to j-kasen@northwestern.edu: 1) Your class standing (senior/junior/etc.) 2) Your school (WCAS/MEA/COM, etc) 3) Briefly and to the point identify your need for this class. For instance, does it fulfill a requirement? If so which program or major requirement does it fulfill?

POLITICAL SCIENCE

POLI_SCI 329-0-20-LEC(36984)

U.S. Environmental Politics

TuTh 9:30AM - 10:50AM	University Hall 122	H Paul Friesema
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Overview of class

The purpose of this course is to develop substantive knowledge about environmental and natural resource policy making, and some theoretical orientation that will order thinking about environmental issues. The primary theoretical orientation or framework that will be introduced and developed will be "interest group theory," a loose and somewhat inconsistent set of concepts and ideas, rather than a coherent package. But "interest group theory," with its many limitations, may be a most useful framework for understanding the reality of American policy concerning natural resources and the human environment. This course focuses upon the environmental policy issues and conflicts in the United States but this will be juxtaposed with ecological issues of the globe. The readings, as well as class sessions, should allow us to reflect this larger context for American policy. The primary focus of attention will be upon natural resources and environmental policy as made and implemented by administrative agencies, rather than by legislative bodies. But no easy separation can be made among branches of government when examining environmental issues. It is useful to think of the environmental policy system in the United States as consisting of two rather distinct sub-systems. One is concerned with contests over natural resources - land, forests, waters, etc. Issues within this sub-system typically concern such things as protecting biological diversity, endangered species, forests and so on. This can be called the Interior or natural resources sub-system. The system more or less "peaks" in the Department of the Interior. The other policy sub-system, peaking in the US Environmental Protection Agency (EPA), largely concerns air and water pollution and other manifestations of urban-industrial life. While the class will be concerned with the full range of environmental

policy issues and processes, the primary focus will be on the Interior or natural resources sub-system.

Learning Objectives

Smarter and more effective students

Teaching Method

lectures and discussions

Evaluation Method

Attendance in class and discussion sections, midterm and final exam, and paper, based upon primary source material

Class Materials (Required)

TBA

POLI_SCI 395-0-20-LEC(31347)

Political Research Seminar: Civic Participation and the Environment

Tu 2:00PM - 4:50PM	Harris Hall L06	Yael Wolinsky
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Overview of class

This seminar examines civic participation in international, national, and local environmental governance. We will examine theories pertaining to public participation and civil society development. We will then study the role that environmental nongovernmental organizations (ENGOS) play in setting the public agenda and in environmental policy-making. We will examine case studies of ENGOS and consider their legitimacy and accountability. We will also examine the roles of the media and public opinion and look at community responses to specific environmental issues.

Class Materials (Required)

TBA

SOCIOLOGY

SOCIOL 232-0-20-LEC(37065)

Sexuality and Society

TuTh 11:00AM - 12:20PM	Leverone Hall AUD/OwenLCoon	Hector Carrillo
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Overview

Sexuality is fundamental to the cultural, economic, political, and social organization of the United States. This course examines the theoretical and methodological approaches that have been used in sociological studies of sexuality—including those that guide sexuality-related analyses of meanings and identities, practices and behaviors, power and politics, and morality and social control. Topics will include sex work, sex tourism, sexual migration, LGBT social movements, relationships, the sexual moment, sexual diversity (including diversity by race, ethnicity, and social class), and moral panics.

Class materials:

Turning Technologies response card or licence.

The reading list may include such authors as Sigmund Freud, Alfred Kinsey, Gilbert Herdt, Michel Foucault, Gayle Rubin, Elizabeth Bernstein, John Gagnon, Edward Laumann, David Valentine, Ken Plummer, Mignon Moore, C.J. Pascoe, and Elizabeth Armstrong, among others.

*****SHC Visiting Professor**

SOCIOL-376-0-20-LEC(31489)

Topics in Sociological Analysis: Global Health and Transnational Social Movements

MoWe 11:00AM - 12:20PM	Annenberg Hall G21	Thomas Waidzun
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Overview:

This course examines relationships between global health issues and transnational social movements, non-governmental organizations (NGOs), and other groups seeking to further democratize efforts to address global health problems. We will examine ways that movements interact with international and state institutions, organizing across national borders to galvanize resources and often challenging authorities and elites. Investigation into theory and case studies will illuminate how certain social conditions enable or constrain the development of these networks, and how organizing across different local contexts can present specific challenges. We will also take into account criticisms of transnational health movements, especially regarding questions about the ways in which resources become allocated and distributed. The course will begin with an examination of organizations such as "Partners in Health" that seek to establish the delivery of medical care in developing nations, and will then turn to a focus on theorizing transnational social movements in relation to global health challenges. The latter portion of the class will be devoted to additional case studies including the international women's health movement and global AIDS treatment activism.

Class materials include:

- Tracy Kidder. 2009. *Mountains Beyond Mountains: The Quest of Dr. Paul Farmer, a Man Who Would Cure the World*. (New York: Random House). ISBN: 978-0812973013
- Jackie Smith. 2007. *Social Movements for Global Democracy*. (Baltimore, MD: Johns Hopkins University Press). ISBN: 978-0801887444
- Meredeth Turshen. 2007. *Women's Health Movements: A Global Force for Change*. (New York: Palgrave MacMillan). ISBN: 978-1403978981