From medical advancements to environmental crises and global food shortages, the life sciences are implicated in some of the most pressing social issues of our time. This course explores events in the history of biology from the mid-twentieth century to today, and examines how developments in this science have shaped and are shaped by society. In the first unit, we investigate the origins of the institutions, technologies, and styles of practice that characterize contemporary biology, such as the use of mice as "model organisms" for understanding human diseases. The second unit examines biological controversies such as the introduction of genetically modified plants into the food supply. The final unit asks how biological facts and theories have been and continue to be used as a source for understanding ourselves.

**Requisites:** None

**Course Designation:** Breadth - Either Humanities or Social Science

**Level:** Elementary

**L&S Credit:** Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

---

MED HIST/HIST SCI 212 — BODIES, DISEASES, AND HEALERS: AN INTRODUCTION TO THE HISTORY OF MEDICINE

3 credits.

A survey of different conceptions of how the body as a site of sickness has been understood from Antiquity to contemporary medicine. Includes consideration of the origins and evolution of public health, the changing social role of healers, and the emergence of the modern "standardized" body in health and illness. For honors credit consent required in Hist Sci/ Hist Med 284 or consent of instructor.

**Requisites:** Open to Freshmen.

**Course Designation:** Breadth - Humanities

**Level:** Elementary

**L&S Credit:** Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Fall 2017

MED HIST/ENVIR ST 213 — GLOBAL ENVIRONMENTAL HEALTH: AN INTERDISCIPLINARY INTRODUCTION

3 credits.

The course provides an introduction to the intersections of health and environment on a global scale. Exposes students to a range of problems in global environmental health, including climate change, disease ecology, and the globalization of disease.

**Requisites:** None

**Course Designation:** Breadth - Either Humanities or Social Science

**Level:** Elementary

**L&S Credit:** Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No
MED HIST 286 — HONORS SEMINAR: STUDIES IN MEDICAL HISTORY
3 credits.

Intensive exploration of issues in medical history. Emphasis on developing critical thinking about medical history through discussion of readings, written exercises, and research projects.

Requisites: Declared in honors program
Course Designation: Breadth - Humanities
Level - Elementary
L&S Credit - Counts as Liberal Arts and Science credit in L&S Honors - Honors Only Courses (H)
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2017

MED HIST/HIST SCI/RELIG ST 331 — SCIENCE, MEDICINE AND RELIGION
3-4 credits.

Science, medicine and religion from antiquity to the present, with emphasis on Western civilization.

Requisites: Jr st and cons inst
Course Designation: Breadth - Humanities
L&S Credit - Counts as Liberal Arts and Science credit in L&S Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2011

MED HIST/HIST SCI 333 — HISTORY OF MODERN BIOLOGY
3 credits.

Survey of major developments in biology and related sciences ca. 1700-1950. Topics include morphology and embryology; evolutionary theory, ecology, and genetics; physiology and recent experimental biology.

Requisites: Jr st or cons inst
Course Designation: Breadth - Humanities
L&S Credit - Counts as Liberal Arts and Science credit in L&S Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2015

MED HIST/HIST SCI/HISTORY 394 — SCIENCE IN AMERICA
3 credits.

From the colonial period to the present; emphasis on the development of scientific institutions and the influence of science on American life.

Requisites: Jr st or cons inst
Course Designation: Breadth - Humanities
L&S Credit - Counts as Liberal Arts and Science credit in L&S Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2017

MED HIST/GEN&WS/HIST SCI 431 — CHILDBIRTH IN THE UNITED STATES
3 credits.

American women's childbirth experiences from the colonial period to the present. Childbirth as a cultural as well as a biological event. Basic physiological information for understanding and evaluating changing approaches to pregnancy and childbirth.

Requisites: Women St 103 or 430 or equiv; or cons inst
Course Designation: Breadth - Social Science
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2017

MED HIST/HIST SCI/HISTORY 504 — SOCIETY AND HEALTH CARE IN AMERICAN HISTORY
3 credits.

Lecture-seminar. Health care in America since the colonial period; emphasis on social developments.

Requisites: Jr st cons inst
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2016

MED HIST/PHILOS 505 — JUSTICE AND HEALTH CARE
3 credits.

Examines ethical issues in the distribution, financing, and delivery of health care (primarily in the United States). The first third of the class explores key issues in U.S. health policy and forms the empirical foundation for the rest of the class. The second third explores ongoing debates in moral and political philosophy over putative entitlements to health and health care. The last third investigates the nature, justifiability, and methods of health care rationing, including bedside rationing by doctors, and the myriad issues implicated by the near-universally shared goal of health care cost containment.

Requisites: Junior standing or Senior standing or Graduate standing required.
Course Designation: Breadth - Humanities Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2017

MED HIST/HIST SCI/HISTORY 507 — HEALTH, DISEASE AND HEALING I
3-4 credits.

Medicine in Europe from antiquity to the 18th century, investigating changes in medical ideas, institutions, practices, and organization.

Requisites: Jr st
Course Designation: Breadth - Humanities Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2015
MED HIST/HIST SCI/HISTORY 508 — HEALTH, DISEASE AND HEALING II
3-4 credits.

Medicine in Europe from the 18th century to mid-20th century, investigating changes in disease and demography, state interest in health care, the medical professions, and both scientific and alternative medical ideas.
Requisites: Jr st
Course Designation: Breadth - Humanities
Level: Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

MED HIST/HIST SCI 509 — THE DEVELOPMENT OF PUBLIC HEALTH IN AMERICA
3 credits.

Seminar. Health problems in the U.S. from the colonial period to the twentieth century; efforts made toward their solutions.
Requisites: Jr st cons inst
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level: Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2017

MED HIST/ENVIR ST/HIST SCI 513 — ENVIRONMENT AND HEALTH IN GLOBAL PERSPECTIVE
3 credits.

Explores the historical relationships between environmental change and human health from the 17th through the 20th century. Topics include colonialism and disease, medical geography, urban pollution and reform, workplace hazards, environmental risk, and the anti-toxics and environmental justice movements.
Requisites: Jr st
Course Designation: Breadth - Either Humanities or Social Science
Level: Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2016

MED HIST/PHILOS 515 — PUBLIC HEALTH ETHICS
3 credits.

Focuses on ethical issues implicated in a population-level approach to disease prevention and health promotion. Explores prominent theoretical approaches to public health ethics and engages with several ethical tensions. Issues discussed can include: the use of coercive or intrusive public health interventions that restrict individual freedom, infringe upon individual privacy, and/or invite individual harm (or risks of harm); the justification of paternalistic measures in societies or sub-populations that seemingly indulge in pleasurable yet unhealthy behaviors; the extent to which societies should hold individuals responsible for their health conditions; the need to decide who receives life-saving treatment or vaccination when not all can; the need to choose between the identifiable victims we can save with expensive measures here and now and the more numerous unidentifiable victims we could save in the future with the same monetary investment; the trade-offs between maximizing aggregate health benefits and addressing the special needs of vulnerable social sub-groups and individuals; climate changes and intergenerational justice; ethical issues in international pharmaceutical research, and the need to establish reasonable limits to public health demands in a world where health outcomes are profoundly influenced by policies in other domains (such as transportation, housing, unemployment, and education) that generate their own ethical problems and imperatives.
Requisites: Junior standing or Senior standing or Graduate standing required.
Course Designation: Breadth - Humanities
Level: Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

MED HIST/AFROAMER/HIST SCI 523 — RACE, AMERICAN MEDICINE AND PUBLIC HEALTH
3 credits.

The course will provide historical perspectives on current dilemmas facing black patients and health care professionals.
Requisites: Jr or Sr st
Course Designation: Ethnic St - Counts toward Ethnic Studies requirement
Breadth - Social Science
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2017

MED HIST/GEN&WS/HIST SCI 524 — THE MEDICAL HISTORY OF SEX AND SEXUALITY
3 credits.

Examines the changing place of medicine and scientific authority in public and private sexual lives. Highlights the role of medicine in defining appropriate sexual behavior, understanding the cause of sexual deviance, and treating sexual problems and diseases.
Requisites: Prev history (incl med hist hist sci) crse preferred
Course Designation: Breadth - Humanities
Level: Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2009
MED HIST/ENGL/HIST SCI 525 — HEALTH AND THE HUMANITIES
3 credits.

Explores how a humanistic perspective can broaden our understanding of health and medicine. Specifically, we will examine the role of language and culture in the creation and circulation of biomedical knowledge; our lived experiences with illness (physical and mental); the intricate intersections of race, gender, sexuality, disability and medicine; the political dimensions of diagnosis, disease, and epidemics, and the role that fiction, creative non-fiction, comics, and film play in shaping our experiences with health and medicine as health care providers and as patients. The course does not assume any background in science or medicine. One of our recurrent topics, in fact, will be to consider how non-experts interact with medicine and its technical vocabularies. Although the primary objective of the course is to understand the cultural, social, and political dimensions of health and medicine, a secondary objective is for students to become more savvy patients and, for the few students who might emerge on the other side of the stethoscope one day, more well rounded health care professionals.

Requisites: Declared in the Health and the Humanities certificate
Course Designation: Breadth - Humanities
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

MED HIST 526 — MEDICAL TECHNOLOGY AND THE BODY
3 credits.

Ethical and cultural dimensions of chemical, surgical and biological therapeutics and enhancements to the human body. Explores body-altering technologies within cultural understandings of appearance, function, perception and identity.

Requisites: So st or cons inst
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

MED HIST/GEN&WS/HIST SCI 531 — WOMEN AND HEALTH IN AMERICAN HISTORY
3 credits.

Women as patients and as health professionals in America from the colonial period to the present.

Requisites: Jr st cons inst
Course Designation: Breadth - Biological Sci. Counts toward the Natural Sci req
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2015

MED HIST/GEN&WS/HIST SCI 532 — THE HISTORY OF THE (AMERICAN) BODY
3 credits.

This course demonstrates that human bodies have social and cultural histories. It will highlight the social values placed on different bodies, the changing social expectations bodies create, and the role of science and medicine in creating the cultural meanings of bodies.

Requisites: Women St 103 or other women's studies crse required; prev hist (incl med hist hist sci) crse preferred
Course Designation: Breadth - Humanities
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2015

MED HIST/HIST SCI/HISTORY 543 — DOCTORS AND DELUSIONS: MADNESS AND MEDICINE IN THE MODERN ERA
3 credits.

Medical approaches to mental illness from 1750 to the present. Emphasis on how tension between biomedical and socio-environmental theories about psychopathology have marked modern psychiatry. Focus on Europe and the United States with global and comparative dimensions.

Requisites: Jr st or cons inst
Course Designation: Breadth - Either Humanities or Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

MED HIST 545 — ETHICAL AND REGULATORY ISSUES IN CLINICAL INVESTIGATION
1 credit.

This course will explore and examine the ethical issues central to clinical research, regulations governing clinical investigation, and the role of good clinical practice for clinical trials.

Requisites: None
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Summer 2017

MED HIST/HIST SCI 550 — MEDICAL TECHNOLOGIES IN HISTORICAL PERSPECTIVE
3 credits.

Focusing upon the 18th- to 21st-century U. S. and building upon earlier European history, the course explores the ways that a range of technologies - e.g. stethoscopes, spirometers, x-rays, hospital design, pharmaceuticals, gene and cell therapies, telemedicine, etc. - have shaped medicine and invited social critique.

Requisites: Junior or Senior standing.
Course Designation: Breadth - Humanities
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2015
MED HIST/HIST SCI/POP HLTH 553 — INTERNATIONAL HEALTH AND GLOBAL SOCIETY
3 credits.

Major problems in international health from 1750 to the present. Focus on disease epidemiology and ecology; political economy of health; migration; quarantine; race, ethnicity, and health care; international health research; cross-cultural healing; mental and maternal health; growth of international health organizations.

Requisites: Jr or Sr st, or cons inst
Course Designation: Breadth - Either Humanities or Social Science
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2017

MED HIST/HIST SCI 554 — A HISTORY OF WESTERN DISABILITY
3 credits.

Offers a wide range of arguments about the nature of disability, from prehistory to the 21st century. Explores the history of disability in Western thought and practice and the formulation of personhood, citizenship, and social well being.

Requisites: None
Course Designation: Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

MED HIST/PHILOS 558 — ETHICAL ISSUES IN HEALTH CARE
3 credits.

Ethical issues apparently created by new biomedical technologies, such as genetic screening, prenatal diagnosis, prolongation of life, treatment of severe birth defects, in vitro fertilization, behavior modification, psychosurgery, and transplantation.

Requisites: Junior standing
Course Designation: Breadth - Humanities
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

MED HIST/AGRONOMY/C&E SOC/PHILOS 565 — THE ETHICS OF MODERN BIOTECHNOLOGY
3-4 credits.

Study of ethical issues arising from the application of modern biotechnology to microorganisms, crops, and non-human animals. Readings cover moral theory, technology studies, political philosophy, the science used in biotechnology, and current regulations governing its use.

Requisites: Junior standing
Course Designation: Breadth - Humanities
Level - Intermediate
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2017
MED HIST/ENGL/HIST SCI 599 — DIRECTED STUDY IN HEALTH AND THE HUMANITIES
1 credit.

Offers students enrolled in the Health and the Humanities certificate an opportunity to conduct independent research under the guidance of a faculty member. It allows students who have enrolled in or completed HIST SCI/MED HIST/ENGL/HIST SCI/MED HIST 525: Health and the Humanities Capstone an opportunity to go into greater depth on a topic covered in the capstone course. In consultation with a faculty member, students will design a project that builds on lessons learned or work completed as part of their capstone experience.

Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No

MED HIST 610 — REGENERATIVE MEDICINE ETHICS AND SOCIETY
1-3 credits.

Study of regenerative medicine and stem cell research within social, ethical and political contexts. Grad st (1 credit)
Requisites: Grad st and permission of instructor (3 credit).
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2017

MED HIST/HIST SCI 668 — TOPICS IN HISTORY OF MEDICINE
3 credits.

Upper-level special topics course in the history of medicine.
Requisites: Jr st
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2016

MED HIST 699 — INDEPENDENT STUDY IN MEDICAL HISTORY
1-3 credits.

Requisites: Jr st cons inst
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions

MED HIST 708 — HEALTH, DISEASE AND HEALING II
1 credit.

Advanced readings in primary and secondary literature concerning medicine in Europe from the 18th century to mid-20th century, investigating changes in disease and demography, state interest in health care, and medical professions, and both scientific and alternative medical ideas.
Requisites: Grad st con reg in Med Hist 508
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

MED HIST 709 — DEVELOPMENT OF PUBLIC HEALTH IN AMERICA
1 credit.

Advanced readings in primary and secondary literature concerning public health issues and problems in America from the eighteenth to the twentieth century, and efforts made toward their solutions.
Requisites: Grad st con reg in Med Hist 509
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2017

MED HIST/ENVIR ST/HIST SCI 713 — STUDIES IN ENVIRONMENT AND HEALTH
1 credit.

Advanced readings in primary and secondary literature of environment and health, with emphasis on current historiographic issues.
Requisites: Grad st, or con reg in Hist Med 513 or cons inst
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2016

MED HIST 720 — HISTORICAL PERSPECTIVES IN MEDICINE
1 credit.

(Med I elective) Lecture-seminar. Contemporary medical issues in a historical context.
Requisites: Open to 1st yr Med stdts in their 2nd sem
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2016

MED HIST 726 — MEDICAL TECHNOLOGY AND THE BODY
1 credit.

Ethical and cultural dimensions of chemical, surgical and biological therapeutics and enhancements to the human body. Explores body-altering technologies within cultural understandings of appearance, function, perception and identity.
Requisites: Grad st con reg in Med Hist 526 or cons inst
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

MED HIST 728 — BIOMEDICAL ETHICS AND SOCIETY
1-3 credits.

Social science perspectives on medicine with emphasis on biomedical ethics. Overview of the qualitative research methods of ethnography, life history, content, visual and narrative analysis. One of the following: ANTHRO 365, SOC 531, Pop Hlth 780 or equivs, or cons inst
Requisites: Grad st.
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2016
MED HIST 730 — ETHICAL ISSUES IN MEDICINE
1 credit.

Seminar-discussions. Problems: abortion, prenatal diagnosis, genetic screening, euthanasia, definition of death, experimentation, and patients’ rights.
Requisites: Enrollment limited to Medical Students in their fourth year only.
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

MED HIST 734 — GRADUATE STUDIES IN MEDICAL ETHICS
1-3 credits.

Requisites: Graduate or professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2016

MED HIST/HIST SCI 743 — DOCTORS AND DELUSIONS: MADNESS AND MEDICINE IN THE MODERN ERA
1 credit.

Advanced readings in primary and secondary literature of the history of psychiatry, with emphasis on historiographical issues.
Requisites: Grad st con reg in Med Hist 543, or cons inst
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2011

MED HIST 753 — INTERNATIONAL HEALTH AND GLOBAL SOCIETY
1 credit.

Advanced readings that examine major problems in modern international health. Focus on epidemiology and disease ecology; political economy of health; migration; quarantine; international health research; cross-cultural healing; mental and maternal health; growth of international health organizations.
Requisites: Grad st con reg in Med Hist 553
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2017

MED HIST 890 — READING AND RESEARCH
1-3 credits.

Requisites: Open to all 4th yr Med stdts (8 or 16 wks) Grad stdts of all other depts (16 wks)
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2016

MED HIST/HIST SCI 915 — SEMINAR: SCIENCE IN AMERICA
3 credits.

Requisites: Graduate or professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2012

MED HIST/HIST SCI 919 — GRADUATE STUDIES IN MEDICAL HISTORY
3 credits.

Three seminars analyzing the scientific and social aspects of the development of modern medicine in Europe and America; one seminar exclusively on public health.
Requisites: Graduate or professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2018

MED HIST 999 — ADVANCED INDEPENDENT STUDY
1-3 credits.

Requisites: Grad stdts who have the Masters or equiv, or Postdoc fellows who wish to undertake an indep res project
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions