



Science, Technology and Society

2013 Fall Course Offerings

Director: Professor Steve Cutcliffe

STS 011-10 Technology and Human Values, CRN 40575 (4 credits) (SS) T/TH, 7:55 - 9:10 AM

Impact of technology on society in relation to ethical problems raised by the exploitation of technological innovations. Illustrations from history, social studies, philosophy, literature, and film. *Professor Kunkle*

STS, JOUR 124-10 Politics of Science, CRN 45882 (4 credits) (SS) T/TH, 10:45 - 12:00 PM

Analysis of the multidimensional interaction between the federal government and the scientific community. Explores historical growth of the science-government connection, the scientific establishment both past and present, and the role of scientific advice to the White House and Congress. Also examines scientific ethics, public attitudes toward science, science-society interactions, and case studies of scientific controversies. *Professor Friedman*

STS, HIST 145-10 Introduction to the History of Science, CRN 48585 (4 credits) (SS) M/F, 11:10 - 12:25 PM

The history of modern science, primarily physical and biological, with emphasis on the development of major theoretical models since the seventeenth century. *Professor Goldman*

STS 181-12 Independent Study, CRN 48769 (1-4 credits) (HU / SS)

Section 10, CRN 40871 *Professor Cutcliffe*

Section 11, CRN 48768 *Professor Goldman*

Section 12, CRN 48769 *Professor Best*

STS, CSE, EMC 252-10 Computers, the Internet, and Society, CRN 41494 (3 credits) (SS) T/TH, 2:35 - 3:50 PM

An interactive exploration of the current and future role of computers, the Internet, and related technologies in changing the standard of living, work environments, society and its ethical values. Privacy, security, depersonalization, responsibility, and professional ethics; the role of computer and Internet technologies in changing education, business modalities, collaboration mechanisms, and everyday life.

Professor Huang

STS 381- Senior Seminar, CRN 40576 (4 credits) (SS)

In-depth study of selected topics in science, technology, and society with special attention to methodological issues. Subject matter may vary from semester to semester. Intended for STS majors and minors, but open to others. Prerequisite: STS 11 or consent of program director.

STS 391- Honors Thesis (Fall), CRN 43903 (1 credits) (ND)

Preparation for honors research thesis (STS 392). Identification of topic, preliminary compilation of source materials, and preparation of a proposal. Program permission required.

STS, HIST, HMS 397-10 Social History of Medicine in Early Modern Europe, CRN 49031 (4 credits) (HU) W, 1:10 - 4:00 PM

This course introduces students to methodologies used in the social history of medicine by focusing on a period that experienced both scientific revolution and repeated plague outbreaks. Seminars analyze the national, gendered, and economic implications of medical advances across 1500-1800 and consider patient narratives, household remedy books, and surgical manuals. Students learn basic archival training and join a field trip to view rare books at The College of Physicians of Philadelphia. *Professor Dimeo*

Additional STS Courses

CSE 252-10 Computers, Internet and Society, CRN 41500 (3 credits)

T/R 2:35-3:50 PM *Professor Huang*

EES 002-10 Intro to Environmental Science, CRN 45777 (3 credits)

T/R 10:45-12:00 PM *Professor Sahagian*

EES 004 Science of Environmental Issues (1 credit)

Section 10, CRN 43298, M - 11:10-12:25 PM *Professor Pazzaglia*

Section 11, CRN 43299, W - 11:10-12:25 PM *Professor Pazzaglia*

Section 12, CRN 43300, F - 1:10-2:25 PM *Professor Pazzaglia*

IR 034-10 Society, Technology & War, CRN 48614 (4 credits)

T/R 1:10-2:25 PM Professor Kaufmann

IR 344 -10 International Politics of Oil, CRN 47405 (4 credits)

M/W 12:45-2:00 PM Professor Barkey (Department Permission)

JOUR 125-10 Environment, Public and Mass Media, CRN 46352 (4 credits) (Department Permission, Writing Intensive)

T/R 1:10-2:25 PM Professor Friedman

POLS 105-10 Environment, Policy and Planning, CRN 43364 (4 credits)

M/W 12:45-2:00 PM Professor Holland

POLS 328-10 U S Politics and the Environment, CRN 47289 (4 credits) This section for undergraduates only

T/R 9:20-10:35 AM Professor Wurth

POLS 355-10 Environmental Justice and the Law, CRN 48611 (4 credits) This section for undergraduates only

T 4:10-7:00 PM Professor Holland

SSP 160-10 Medicine and Society , CRN 42926 (4 credits)

M/W 2:35-3:50 PM Professor Hicks