



Science, Technology and Society

2017 Spring Course Offerings

Director: Professor Bill Best

Declaration forms are available in the Office of Interdisciplinary Programs: 31 Williams Hall, Suite 101
For more information visit STS website sts.cas2.lehigh.edu

CORE COURSE

STS 381-10 Senior Seminar CRN 11812 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. *Instructor permission required.* **Professor Best**

ELECTIVE COURSES

ES, EES 004-61 The Science of Environmental Issues CRN 13215 1 credit (NS)

Analysis of current environmental issues from a scientific perspective. The focus of the course will be weekly discussions based on assigned readings. Pre- or co-requisite: introductory-level course in EES. **Professor Berti** F; 1:10 - 2:25 p.m

ES, EES 004-62 The Science of Environmental Issues CRN 13218 1 credit (NS)

Analysis of current environmental issues from a scientific perspective. The focus of the course will be weekly discussions based on assigned readings. Pre- or co-requisite: introductory-level course in EES. **Professor Berti** W; 11:10 - 12:25 p.m.

IR 034-10 Society, Technology and War CRN 14146 4 credits (SS)

This course explores the links between war and society in both directions: the impact of social, economic, and technological change on how wars are fought and the purposes for which they can be fought; as well as the impact of war mobilization needs and of war itself on how societies develop, including the rise of capitalism, democratization, economic planning and other modern institutions, and emancipation of disadvantaged groups in society, such as blacks and women in the United States. **Professor Kaufman** T, R; 2:35 - 3:50 p.m.

STS, HMS, HIST 118-10 History of Modern Medicine CRN 12212 4 credits (HU)

Introduction to Western medical history from the 18th century to the present day. Students will explore patient/practitioner relationships, examine changing ideas concerning health, sickness, and disease, chart changes in hospital care and medical education, and tackle topics such as eugenics, medical experimentation, and health insurance.

Professor Smith T, R; 2:35 - 3:50 p.m.

STS 181-10 Independent Study CRN 10423 1-4 credits (HU, SS)

Instructor permission required. **Professor Best**

STS 181-11 Independent Study CRN 12251 1-4 credits (HU, SS) I

Instructor permission required. **Professor Eng**

STS, CSE, EMC 252-10 Computers, the Internet, and Society CRN 10542 3 credits (SS) WI (Writing Intensive)

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 Baumer** T, R; 2:35 p.m. - 3:50 p.m.

STS, JOUR, ES, HMS 323-10 Health and Environmental Controversies CRN 14050 4 credits (SS)

Exploration of health, and environmental controversies from the perspectives of scientific uncertainty and mass media coverage. Examines genetic engineering, biotechnology, environmental health risks, and nanotechnology. Includes discussion of ethical and social responsibilities and interactions with the public. *Open only to STS majors.* **Professor Friedman** T, R; 1:10 - 2:25 p.m.

POLS, ES 328-10 U.S. Politics and the Environment CRN 14139 4 credits (SS)

An examination of contemporary American politics and policy dealing with environmental issues. Current controversies in the legislative and regulatory areas will be covered to examine environmental issues and the political process. Significant portions of the course readings will be taken from government publications. **Professor Wurth** T, R; 10:45 - 12:00 p.m.

POLS, ES 375-10 Seminar: Green Polity CRN 13146 4 credits (SS)

Development of guidelines and applications for public policy and political action directed toward environmental sustainability and political feasibility. Focus on problem-solving and policy design, connecting sustainable environmental goals with workable and responsive institutional designs. **Professor Wurth** T, R; 1:10 - 2:25 p.m.

STS 392-10 Honors Thesis (Spring) CRN 12678 3 credits

Directed undergraduate research thesis required of students who apply and qualify for graduation with program honors. Prerequisite: STS 391, or concurrent with STS 392. *Instructor permission required.* **Professor Best**