



# Science, Technology and Society

## 2017 Fall 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](http://sts.cas2.lehigh.edu)

### CORE COURSE

**STS 011-10 Technology and Human Values 40319 4 credits (SS)**

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. *Restricted to FYS.* **Professor Best** T, R; 10:45 - 12:00 p.m.

**STS, JOUR 124-10 Politics of Science 44028 4 credits (SS)**

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** T, R; 10:45 - 12:00 p.m.

**STS 381-10 Senior Seminar 40320 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 001-10 Introduction to Environmental Studies 43949 4 credits (SS)**

Gateway to the field of Environmental Studies, the course surveys central issues and themes confronting humanity in the natural world on a national and global basis. Topics include humankind's role in environmental change; society's response to the dynamism of nature; cultural evaluations of nature; population dynamics; resource availability and pollution sinks; land use patterns; sustainability and consumerism; environmental justice and ethics; policy and planning. This course fulfills a social science credit requirement. Please select ES 002 to fulfill the natural science requirement.

**Professor Casagrande** M, W; 11:10 - 12:25 p.m.

**JOUR, ES 125-10 Environment, the Public and the Mass Media 41743 4 credits (SS) STS, WI (Writing Intensive)**

Extensive exploration of local, national and international environmental problems and their social, political and economic impacts. Analysis of mass media coverage of complex environmental issues and the media's effects on public opinion and government environmental policies. Examination of environmental journalism principles and practices in the United States and around the world. *Department permission required.*

**Professor Friedman** T, R; 1:10 - 2:25 p.m.

**HMS, SOC 160-10 Medicine and Society 42809 4 credits (SS)**

Sociological perspectives on health, illness, and medical care. Focus on social epidemiology, social psychology of illness, socialization of health professionals, patient-professional relationships, medical care organization and policies. *Open only to SOC and HMS students, all others require instructor permission.* **Professor Noble** T, R; 12:45 - 2:00 p.m.

**STS 181-10 Independent Study 40460 1-4 credits (HU, SS)**

Prerequisite: consent of the program director. **Professor Best**

**STS, CSE, EMC 252-10 Computers, the Internet, and Society 40743 3 credits (SS) GCP, 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 Crane** T, R; 2:35 - 3:50 p.m.

**ES, HIST 315-10 American Environmental History 44166 4 credits (SS)**

Relationship between Americans and their natural environment from the colonial period to the present: impact of European settlement, attitudes toward wilderness, role of technological development, rise of preservation and conservation movements, establishment of national parks, recent environmental protection legislation. **Staff** T,R; 1:10-2:25 p.m.

**STS 391-10 Honors Thesis (Fall) 41208 1 credits**

Preparation for honors research thesis (STS 392). Identification of topic, preliminary compilation of source materials, and preparation of a proposal. *Instructor Permission Required* **Professor Best**