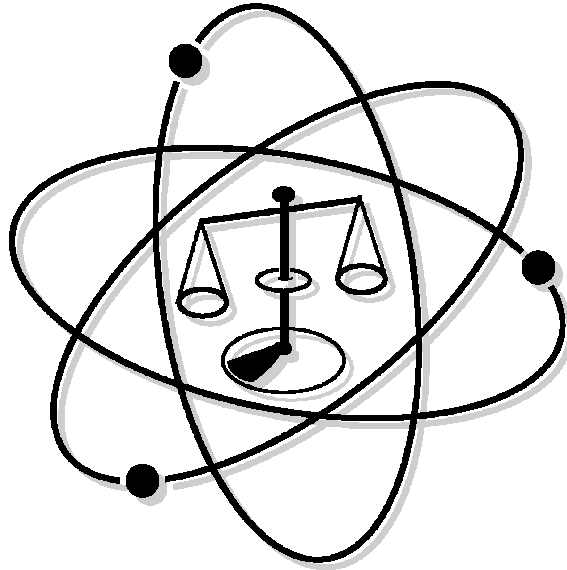


Social Responsibility at MIT: Suggested Courses



By MIT Student Pugwash,
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web.mit.edu/pugwash

MIT offers a rich learning environment through its courses, fostering discovery of the world and solutions to contemporary and future social challenges. The ability to solve such challenges is much augmented, however, by an understanding of both the academic and the social aspects of the endeavors. For these reasons, MIT Student Pugwash has compiled this list of courses that relate to social responsibility along the lines of impacts (“how does science and engineering affect society?”) and self-reflection (“what is my role as a scientist or engineer?”). They are just a small selection of many such courses at the Institute. The list is provided to help undergraduate and graduate students in course selection during their academic careers. While some courses listed here may not be offered this semester, they are included for future reference. Joint courses are mentioned only once. For more information about the courses, see the on-line MIT guide at <http://student.mit.edu/>.

Key:

1.081J	Course number
U	Undergraduate class

G	Graduate class
H	H-level grad credit class

MIT Student Pugwash is a non-partisan educational and interest group dedicated to the socially responsible application of science and technology. For more information, see our website at <http://web.mit.edu/pugwash/>. For feedback on the content of this list, including suggested changes, please e-mail us at pugwash-officer@mit.edu.

1: Civil and Environmental Engineering

- 1.149 G Applications of Technology in Energy and the Environment
- 1.812J H Regulation of Chemicals, Radiation, and Biotechnology
- 1.814J H Industrial Ecology
- 1.817J G Planning for Sustainable Development
- 1.818J H Sustainable Energy

2: Mechanical Engineering

- 2.813 U Environmentally Benign Design and Manufacturing
- 2.83 H Environmentally Benign Design and Manufacturing

3: Materials Science and Engineering

- 3.78J H Industry, Technology, and Ecology

4: Architecture

- 4.235 H Sustainable Settlement Design in Developing Countries

5: Chemistry

- 5.22J U Biotechnology and Engineering
- 5.92 U Energy, Environment, and Society

6: Electrical Engineering and Computer Science

- 6.805J U Ethics and the Law on the Electronic Frontier

7: Biology

7.547J H Principles and Practice of Drug Development

8: Physics

8.225J U Einstein, Oppenheimer, Feynman: Physics in the 20th Century

9: Brain and Cognitive Sciences

9.91 U Minds, Maps, and Models

9.914 G Minds, Maps, and Models

10: Chemical Engineering

10.547J H Principles and Practice of Drug Development

10.805J H Technology, Law, and the Working Environment

11: Urban Studies and Planning

11.366J G Planning for Sustainable Development

11.401 G Introduction to Housing and Community Development

11.497 G Human Rights in Theory and Practice

11.630J H Environmental Law, Policy and Economics: Pollution Prevention and Control

12: Earth, Atmospheric, and Planetary Sciences

12.103 U Strange Bedfellows: Science and Environmental Policy

12.848J H Global Climate Change: Economics, Science, and Policy

14: Economics

14.42 U Environmental Policy and Economics

14.420 H Environmental Policy and Economics

15: Management

15.268 H Choice Points: Readings on the Exercise of Power and Responsibility

15.323 G Organizations, Environments, and Social Responsibility

15.569 H Organizations as Enacted Systems: Learning, Knowing, and Change

15.655J H Law, Technology, and Public Policy

15.992 G Sustainability Lab

16: Aeronautics and Astronautics

16.863 H Seminar on System Safety

17: Political Science

17.181 U Sustainable Development: Theory, Research and Policy

17.182 G Sustainable Development: Theory, Research and Policy

17.31J U Science, Technology, and Public Policy

17.477J U Technology and Policy of Weapons Systems

17.903 U Community Service: Experience and Reflection

20: Biological Engineering

20.104J U Chemicals in the Environment: Toxicology and Public Health

21A: Anthropology

21A.340J U Technology and Culture

22: Nuclear Engineering

22.812J H Nuclear Energy Economics and Policy Analysis

24: Linguistics and Philosophy

24.02 U Moral Problems and the Good Life

24.04J U Justice

24.231 U Ethics

24.06 U Bioethics

ESD: Engineering Systems Division

ESD.10 H Introduction to Technology and Policy

ESD.126 H Energy Systems and Economic Development

ESD.136J H Technology, Law, and the Working Environment

HST: Harvard-MIT Division of Health Sciences and Technology

HST.391 H Principles of Clinical Investigation Seminar

HST.930J G Social Studies of Biosci and Biotech

HST.935 G Narrative Ethics: Literary Texts and Moral Issues in Medicine

NS: Naval Science

NS.402 U Leadership and Ethics

STS: Science, Technology, and Society

STS.011 U American Science: Ethical Conflicts and Political Choices

STS.042J U Einstein, Oppenheimer, Feynman: Physics in the 20th Century

STS.046J U The Science of Race, Sex, and Gender in the United States

STS.069 U Technology in a Dangerous World

STS.071J U US Military Power

STS.448 H Science, Media, and Social Movements

STS.450J H US Military Power