

**Public Policy Concentration**  
**SCIENCE AND TECHNOLOGY POLICY**

Advisors: Timothy Bresnahan, Robert McGinn, Woodrow Powell

Students choosing this concentration can study a range of policy issues that are closely related to the development of science and technology, and to their application in different areas of society. Examples are the role of R&D and new technology in shaping the rate and pattern of economic growth, the effect of scientific progress on society, and the development of policies affecting the amount and kinds of research undertaken by society.

Cultural and Social Anthropology

CASA 85 Trials of the 20th Century: Technology, Law, and Culture  
CASA 132 Science, Technology, and Gender

Communications

COMM 119 Digital Media in Society

Economics

ECON 113 Technology and Economic Change  
ECON 153 Economics of the Internet  
ECON 224 Science, Technology, and Economic Growth

Education

EDUC 106 Interactive Media in Education  
EDUC 224 Information Technology in the Classroom

Ethics in Society

ETHICSOC 108 Ethics and the Professions

History

HISTORY 241F Origins and History of the Scientific Fact  
(formerly HISTORY 206P)  
HISTORY 257 The Politics and Ethics of Modern Science and Technology (formerly HISTORY 267A)

HISTORY 274A Bodyworks: Medicine, Technology, and the Body in Late 20th-Century America

Human Biology

HUMBIO 107 Astrobiology and Space Exploration  
HUMBIO 121 Ethical Issues in the Neurosciences  
HUMBIO 130 Biology, Technology, and Human Life

Management Science and Engineering

MS&E 193 Technology and National Security  
MS&E 281 Management and Organization of Research and Development  
MS&E 284 Technology and Work

Public Policy

PUBLPOL 172 Mass Media Economics and Policy  
PUBLPOL 194 Technology Policy

Science, Technology, and Society

STS 101 Science, Technology, and Contemporary Society  
STS 115 Ethical Issues in Engineering  
STS 163 Risk in Contemporary Culture  
STS 165 Science and Engineering in the Security State  
STS 170 Technology in Modern Security Discourse  
STS 279 Technology, Policy, and Management in Newly-Industrializing Countries

The following courses are currently offered for satisfactory/credit grade only or have recently been inactivated. If you completed these courses with a letter grade, then these course(s) may be applied towards this concentration

CASA 130A Bioethics and Anthropology  
COMM 137 Telecommunication Policy and the Internet  
EDUC 236X Education Technology Policy  
EDUC 358X Informal Science Education  
HISTORY 115 Technology and the Emergence of Modern America  
HISTORY 203D The History of Artificial Life  
HISTORY 215B Artificial Life: From the Golem to Human Cloning  
HISTORY 261S Building Silicon Valley  
HISTORY 262S Science and High Technology in the Silicon Valley, 1930-1980  
HISTORY 263S Biotech by the Bay: Stanford and the Biotech Revolution  
HISTORY 267 Yesterday's Tomorrows: Technology and the Future in History

HUMBIO 117 Policy and Research in Science Education  
MS&E 182 Work, Technology, and Society  
PHIL 156 Popper, Kuhn, and Lakatos  
PUBLPOL 182A Policy Making and Problem Solving at Local and Regional Level: Contested Issues in Silicon Valley  
PUBLPOL 182B Policy Making and Problem Solving at Local and Regional Level: Community and Economic Development  
STS 180 Social Issues in Science and Technology  
STS 185 Intellectual Property and The Information Era