

The Ohio State University
College of Arts and Sciences

Science and Technology Studies Minor (SCITCHS-MN)

Program Coordinator, David Horn
Department of Comparative Studies
451 Hagerty Hall, 1775 College Road
Columbus, OH 43210
614-292-2559

Program Advisors: David Horn (Comparative Studies), Noah Tamarkin (Comparative Studies), Juno Pareñas (WGSST)

The interdisciplinary minor in Science and Technology Studies (STS) provides students with the tools to understand and evaluate both the social *contexts* that give rise to particular scientific and technological developments, and the social *consequences* of these developments. It is designed for STEM majors who wish to consider the ethical, political, and social dimensions of the fields in which they work, and non-STEM majors who wish to understand and evaluate the ways sciences and technologies shape human possibilities in particular historical and cultural circumstances.

No more than 9 credit hours may be taken in one Department.

Required gateway course (3 credit hours)

COMPSTD 2340: Introduction to Cultures of Science and Technology, or
COMPSTD 2341: Technology, Science, and Society

Foundations courses (6 credit hours)

Choose two from:

COMPSTD 3646: Cultures, Natures, Technologies
COMPSTD 4597.01: Global Studies of Science and Technology
HISTORY 2701: History of Technology
HISTORY 3711: Science and Society in Early Modern Europe
HISTORY 3712: Science and Society in Modern Europe
PHILOS 2660: Metaphysics, Religion, and Science in the Scientific Revolution
PHILOS 2860/COMPSTD 2760: Science and Religion
PHILOS 3650: Philosophy of Science
SOCIOLOG 3302: Technology and Global Society
WGSST/COMPSTD 4845: Gender, Sexuality, and Science

Electives (6 credit hours)

Choose two from:

AEDECON 4320: Energy, the Environment, and the Economy
AEDECON 4597.01: Food, Population, and the Environment
AFAMAST 3440: Theorizing Race
ANTHROP 4597.04: The Molecular Revolution: Genes, Genomes, and Genomania
ANTHROP 4597.05H: The Global Food Crisis
ANTHROP 5614: Ethnobotany
ART 5001: Aspects of Art and Technology I
ART 5101: Aspects of Art and Technology II
ART 5201: Aspects of Art and Technology III
CLASS 4204: Greek and Roman Science and Technology
COMMUN 3545: Human-Computer Interaction
COMMUN 3554: Social Implications of Communication Technology
COMMUN 4555: Computer Interface and Human Identity
COMPSTD 2104: Literature, Science, and Technology
COMPSTD 2677: Religion and Environmentalism
COMPSTD 2760: Science and Religion
COMPSTD 3646: Cultures, Natures, Technologies
COMPSTD 4597.01: Global Studies of Science and Technology
COMPSTD 4845: Gender, Sexuality, and Science
COMPSTD 4846: Social Studies of Objects and Networks
ENGR 5050: Humanitarian Engineering
ENGLISH 2269: Digital Media Composing
ENGLISH 3372: Science Fiction and/or Fantasy
ENGLISH 4569: Digital Media and English Studies
ENR 2300: Society and Natural Resources
ENR 3470: Religion and Environmental Values in America
ENR 3530: Women, Environment and Development
HISTORY 2700: Global Environmental History

HISTORY 2701: History of Technology

HISTORY 2702: Food in World History
HISTORY 2704: Water: A Human History
HISTORY 2720: Big History
HISTORY 3700: American Environmental History
HISTORY 3711: Science and Society in Early Modern Europe
HISTORY 3712: Science and Society in Modern Europe
HISTORY 3715: Explorations of Science, Technology and the Environment in East Asia
HCS 2203: People and Plants: Meals, Medicine, Material, and Myth
INTSTDS 4320: Energy, the Environment, and the Economy
INTSTDS 4597.01: Food, Population, and the Environment
INTSTDS 4703: Science, Technology and US National Security
MEDREN 2610: Science and Technology in Medieval and Renaissance Culture
PHILOS 2342: Environmental Ethics
PHILOS 2660: Metaphysics, Religion, and Science in the Scientific Revolution
PHILOS 2860: Science and Religion
PHILOS 3440: Theorizing Race
PHILOS 3650: Philosophy of Science
PHILOS 3680: An Introduction to the Philosophy of Biology
PHILOS 5650: Advanced Philosophy of Science
PHYSICS 2367: Uses of Science in Solving Problems of Society
RURLSOC 5500: Diffusion of Innovations
SOCIOLOG 3302: Technology and Global Society
SOCIOLOG 3460: Environmental Justice
WGSST 3306: Gender, Media, and New Technologies
WGSST 3530: Women, Environment, and Development
WGSST 4845: Gender, Sexuality, and Science

Science and Technology Studies Minor program guidelines
Required for graduation No

Credit hours required A minimum of 15 hours. 1000 level courses may not be counted toward the 15 credit hour minimum. No more than 9 credit hours in one department. At least 6 credit hours must be at the 3000 level or above.

Transfer and EM credit hours allowed A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to 6 credit hours between the GE and the minor.

Overlap with the major and additional minor(s)

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count toward the minor.
- No more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.

Minor approval The minor course work must be approved by the Department of Comparative Studies or the ASC advisor.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by the Department of Comparative Studies or the ASC advisor.

College of Arts and Sciences
Curriculum and Assessment Services
154 Denney Hall, 164 Annie & John Glenn Ave.
<http://artsandsciences.osu.edu>

Approved CAA 7-6-16
Updated 5-15-18 DH