

# Science and Technology Studies

The Designated Emphasis (DE) in Science and Technology Studies (STS) is a program of training in the social studies of science, technology, and medicine for Berkeley and UCSF PhD students from any home department. Students who are accepted into the program, and who complete its requirements, will be in a strong position to excel within STS-related fields.

Students in this program receive a rigorous grounding in the studies of knowledge production and technological change. The program also facilitates a deeper involvement with the lively interdisciplinary research community at Berkeley dedicated to understanding the dynamic relations among science, technology, and social and political formations.

To be admitted to the Designated Emphasis in Science and Technology Studies, an applicant must already be accepted into a PhD program at the University of California, Berkeley. For further information regarding admission to graduate programs at UC Berkeley, please see the Graduate Division's Admissions website (<http://grad.berkeley.edu/admissions>).

How to apply for the DE:

1. One-page letter of intent summarizing research interests, educational or employment background, and any related coursework in areas related to Science and Technology Studies
2. A list of courses the student would use to satisfy the elective requirement (optional but encouraged)
3. A writing sample (e.g., a paper you have written for a UC graduate course) that is indicative of your research interests
4. Letter of recommendation from a member of the Science and Technology Studies Affiliated Faculty group

## Coursework/Curriculum

STS C200	Topics in Science and Technology Studies	3
STS C250	Science and Technology Studies Research Seminar	3

Select three electives that place a critical engagement with science, technology and/or medicine at their core (see sample electives below)

## Electives

Students are also required to take three elective courses that place a critical engagement with science, technology and/or medicine at their core. To foster interdisciplinarity, no more than two of these electives can be taken from the student's home department. As a package, the three elective courses are expected to enhance the student's capacity to understand and analyze how science and technology operate through and within ethical, historical, social or cultural formations. Courses listed on the DE website (<http://cstms.berkeley.edu/teaching/de-in-sts>) are acceptable. If the student wishes to have a course not listed count, he or she should send an email to the Head Graduate Adviser, including the syllabus for the course and a justification for why it should be acceptable.

Below is a list of approved electives:

ANTHRO 210	Special Topics in Physical Anthropology	4
ANTHRO 219	Topics in Medical Anthropology	4
ANTHRO 250G	Seminars in Social and Cultural Anthropology: Anthropology of Ethics	4
ANTHRO 250X	Seminars in Social and Cultural Anthropology: Special Topics	4
ANTHRO 280C	Seminars in Area Studies: South Asia ("Hope and Futurity")	4
CY PLAN 254	Sustainable Communities	3
CY PLAN 256	Course Not Available	
CY PLAN 282	Course Not Available	
ENE,RES 275	Water and Development	4
ENGLISH 203	Graduate Readings (On Life)	4
ESPM 256	Science, Technology, and the Politics of Nature	3
ESPM 260	Governance of Global Production	3
ESPM 261	Sustainability and Society	3
GEOG 203	Nature and Culture: Social Theory, Social Practice, and the Environment	4
GWS 232	Transnational Feminist Approaches to Knowledge Production	4
GWS 237	Transnational Science, Technology, and New Media	4
HISTORY 275S	Core Courses in the Literature of the Several Fields of History: History of Science	4
HISTORY 280S	Advanced Studies: Sources/General Literature of the Several Fields: History of Science	4
HISTORY 290	Historical Colloquium	1
INFO 203	Social and Organizational Issues of Information	4
INFO 205	Information Law and Policy	3
INFO 212	Information in Society	3
INFO C283	Information and Communications Technology for Development	3
INFO 290A	Special Topics in Information (The Future of Storytelling)	1,2
PB HLTH 213A	Family Planning, Population Change, and Health	3
PB HLTH 222A	Health Care Technology Policy	2
PB HLTH 230	Advanced Health Politics	3
PUB POL 282	Environment and Technology from the Policy and Business Perspective	4
PUB POL 284	Course Not Available	
RHETOR 104	Rhetorical Theory and Practice in Historical Eras	4

## Qualifying Examination

Your PhD Qualifying Exam Committee must include at least one member of the DE Affiliated Faculty who will evaluate your knowledge related to the Designated Emphasis.

## Dissertation

Your PhD dissertation topic must be related to Science and Technology Studies, and your PhD Dissertation Committee must include at least one member of the DE Affiliated Faculty who can evaluate it from that perspective.

For current DE students, small grants are available for STS-related conferences and fieldwork. Application deadlines are twice per year, May 1 and November 1. Applications for activities falling between May 1-October 3 must be received by the May deadline.

Students may be asked to be a GSI for STS 100 or other courses that the Center might develop.

The Center for Science, Technology, Medicine, & Society provides many opportunities for professional development. The STS Working Group meets regularly to discuss STS texts and provide feedback on presentations, job talks, and other aspects of an academic career. Students are welcome to partake in Master Classes with visiting speakers in our Colloquium series. Students are also invited to organize a conference on their general topic, with the assistance of the Center.

## Science and Technology Studies

STS C200 Topics in Science and Technology Studies 3 Units

This course provides a strong foundation for graduate work in STS, a multidisciplinary field with a signature capacity to rethink the relationship among science, technology, and political and social life. From climate change to population genomics, access to medicines and the impact of new media, the problems of our time are simultaneously scientific and social, technological and political, ethical and economic.

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

### Additional Details

**Subject/Course Level:** Science and Technology Studies/Graduate

**Grading:** Letter grade.

**Also listed as:** ANTHRO C254/ESPM C252/HISTORY C250

STS C250 Science and Technology Studies Research Seminar 3 Units

This course will cover methods and approaches for students considering professionalizing in the field of STS, including a chance for students to workshop written work.

### Rules & Requirements

**Repeat rules:** Course may be repeated for credit. Course may be repeated for credit when topic changes.

### Hours & Format

**Fall and/or spring:** 15 weeks - 3 hours of seminar per week

### Additional Details

**Subject/Course Level:** Science and Technology Studies/Graduate

**Grading:** Offered for satisfactory/unsatisfactory grade only.

**Also listed as:** ANTHRO C273/ESPM C273/HISTORY C251