



Twin Cities Campus

Studies of Science and Technology Minor

Philosophy Department

College of Liberal Arts

Link to a [list of faculty](#) for this program.

Contact Information:

Studies of Science and Technology, 746 Heller Hall, 271 19th Ave S, Minneapolis, MN 55455; (612-625-6635; fax: 612-626-8380)

Email: mcps@umn.edu

Website: <https://cla.umn.edu/mcps/research/sst-graduate-minor>

- Program Type: Graduate free-standing minor
- Requirements for this program are current for Fall 2022
- Length of program in credits (Masters): 7
- Length of program in credits (Doctorate): 12
- This program does not require summer semesters for timely completion.

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

Studies of science and technology (SST) deals with a rapidly expanding field that seeks to understand the conceptual foundations, historical development, and social dimensions and context of science and technology. SST faculty are drawn from a number of research and teaching units dedicated in whole or in part to the history, philosophy, and social studies of science and technology.

The SST graduate minor is for students from any major who want to gain a deeper understanding of the nature and development of science and technology. It can be particularly valuable for students who are planning teaching careers in science or engineering, or those majoring in philosophy or history of science and technology.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Prerequisites for Admission

Special Application Requirements:

Students interested in the minor are strongly encouraged to confer with their major field advisor and director of graduate studies, and the Studies of Science and Technology director of graduate studies regarding feasibility and requirements.

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

Use of 4xxx courses towards program requirements is not permitted.

Courses offered on both the A-F and S/N grading basis must be taken A-F, with a minimum grade of B earned for each.

The minimum cumulative GPA for minor field coursework is 3.00.

History Course (3 credits)

Select 1 of the following courses in consultation with the SST director of graduate studies:

[HSCI 8112](#) - Historiography of Science, Technology, and Medicine (3.0 cr)

[HMED 8112](#) - Historiography of Science, Technology, and Medicine (3.0 cr)

Philosophy Course (3 credits)

Select 1 of the following courses in consultation with the SST director of graduate studies:

[PHIL 8602](#) - Scientific Representation and Explanation (3.0 cr)

[PHIL 8610](#) - Seminar: History of Modern Physical Sciences (3.0 cr)

[PHIL 8620](#) - Seminar: Philosophy of the Biological Sciences (3.0 cr)

[PHIL 8670](#) - Seminar: Philosophy of Science (3.0 cr)



Colloquium (1 or 3 credits)

Masters students take the colloquium once; doctoral students take it twice.

[SST 8000](#) - Colloquium (1.5 cr)

Program Sub-plans

Students are required to complete one of the following sub-plans.

Students may not complete the program with more than one sub-plan.

Masters

Doctoral

Additional Coursework (3 credits)

Select 3 credits from the following, in consultation with the SST director of graduate studies, to complete the 12-credit minimum:

[SST 8000](#) - Colloquium (1.5 cr)

[SST 8100](#) - Seminar: Models, Theories, and Reality (3.0 cr)

[SST 8200](#) - Seminar: Philosophy of the Physical Sciences (3.0 cr)

[SST 8300](#) - Seminar: The Biological and Biomedical Sciences (3.0 cr)

[SST 8400](#) - Seminar: Science, Technology, and Society (3.0 cr)

[SST 8420](#) - Seminar: Social and Cultural Studies of Science (3.0 cr)