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 2019
- 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 graduate SST 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. Students admitted to the SST minor will develop individual programs of study in consultation with the faculty and the director of Graduate Studies. Adjustments in program requirements can be made for students with relevant previous course experience.

Program Delivery

This program is available:

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

Prerequisites for Admission

Admission is contingent upon prior admission to a University of Minnesota master's or doctoral degree-granting program, and is by permission of the director of Graduate Studies in SST.

Special Application Requirements:
Prospective students should contact the director of the Graduate Studies in SST.

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.

History Course

All students pursuing the minor take one of the following two courses:
HSCI 8112 - Historiography of Science, Technology, and Medicine (3.0 cr)
or HMED 8112 - Historiography of Science, Technology, and Medicine (3.0 cr)

Philosophy Course

All students pursuing the minor take one of the following three courses:
PHIL 8670 - Seminar: Philosophy of Science (3.0 cr)
or PHIL 8610 - Seminar: History of Modern Physical Sciences (3.0 cr)
or PHIL 8620 - Seminar: Philosophy of the Biological Sciences (3.0 cr)

Colloquium

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Master's students pursuing the minor take the following course once. Doctoral students take the following course 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.

Master's

Master's students pursuing the minor complete the 7.5 credits noted above.

Doctoral

Additional Requirements for the Doctoral Minor

In addition to the 7.5 credits required for the master's minor, doctoral students must take another 1.5 credits of SST 8000, and at least 3 more SST credits.

SST 8000 - Colloquium (1.5 cr)
SST 8100 - Seminar: Models, Theories, and Reality (3.0 cr)
or SST 8200 - Seminar: Philosophy of the Physical Sciences (3.0 cr)
or SST 8300 - Seminar: The Biological and Biomedical Sciences (3.0 cr)
or SST 8400 - Seminar: Science, Technology, and Society (3.0 cr)
or SST 8420 - Seminar: Social and Cultural Studies of Science (3.0 cr)

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