

# SCIENCE AND TECHNOLOGY STUDIES (STS)

## STS 201 – WHERE SCIENCE MEETS SOCIETY

3 credits.

An overview of science and technology studies. Explores science and technology as central institutions in modern societies. Teaches approaches to analyzing social dimensions of recent advances in areas such as genetics, environment, Internet, surveillance, and nanotechnology..

**Requisites:** Sophomore standing

**Course Designation:** Breadth – Either Humanities or Social Science Level – Intermediate

L&S Credit – Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

## STS 699 – DIRECTED STUDY

1-3 credits.

Advanced directed study projects as arranged with a faculty member. Requires completion of STS 201.

**Requisites:** Consent of instructor

**Course Designation:** Level – Intermediate

L&S Credit – Counts as Liberal Arts and Science credit in L&S

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2020

## STS/CURRIC 733 – PUBLIC ENGAGEMENT WITH SCIENCE

3 credits.

Examines the influence of science in everyday life. Provides both academic context (research and theory) and a firsthand look at how science matters to people who are not themselves scientists.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% – Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2024

**Learning Outcomes:** 1. Identify and critique common claims about the importance and value of science literacy, public understanding of science, and public engagement with science

Audience: Graduate

2. Describe the different ways in which researchers have attempted to measure and otherwise evaluate science literacy etc.

Audience: Graduate

3. Understand and be able to recognize the implications of social and cultural forces that shape particular episodes of public engagement with science.

Audience: Graduate

4. Describe and discuss the complex relevance of science in one particular public setting.

Audience: Graduate

5. Discuss the merits and challenges associated with common strategies for improving public engagement with science through formal education, museums, and sponsored outreach activities.

Audience: Graduate

## STS/CURRIC 734 – SCIENCE STUDIES AND SCIENCE EDUCATION

3 credits.

Examination of the key ideas from the field of science and technology studies (history, philosophy, sociology of science, etc.) and how they have been taken up in both the school science curriculum as well as the science education research community.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% – Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2023

## STS 901 – SCIENCE, TECHNOLOGY AND MEDICINE IN SOCIETY

3 credits.

Key themes, issues and scholarship in the interdisciplinary fields of science and technology studies. Explores how different disciplinary perspectives contribute to and influence the questions, methods and theoretical approaches within particular fields of science studies.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% – Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Spring 2025

**STS 902 – CURRENT TOPICS IN SCIENCE AND TECHNOLOGY STUDIES**

1 credit.

Key themes, issues and scholarship in the interdisciplinary field of science and technology studies (STS). Participating faculty and speakers will be drawn from the social sciences, humanities, and physical and life sciences.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2025

**STS 903 – SPECIAL TOPICS IN SCIENCE AND TECHNOLOGY STUDIES**

3 credits.

An interdisciplinary exploration of one or more high profile issues motivated debate and discussion among science and technology studies scholars.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Spring 2024

**STS 999 – INDEPENDENT STUDY IN SCIENCE AND TECHNOLOGY STUDIES**

1-6 credits.

Independent study as arranged with a faculty member. Topics, readings, assignments and meetings will be outlined in a student-faculty "contract."

**Requisites:** Consent of instructor

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**Last Taught:** Fall 2022