

# Science, Technology and Society - Honors Interdisciplinary Minor

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## Overview

The **Honors Interdisciplinary Minor in Science, Technology and Society (STS)** is an interdisciplinary 18-credit undergraduate minor offered through the Honors Program and designed for students eager to tackle the critical challenges of the 21st century that are simultaneously social, political, scientific, technological, ethical, and economic. Led by faculty from Temple University's Science, Technology and Society network, this program offers a flexible curriculum that integrates courses from multiple schools and colleges providing a valuable complement to and enrichment of our students' primary fields of study.

**Campus Location:** Main

## Contact Information

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## Requirements

To earn this minor, students must successfully complete 18 credits (6 courses) with a minimum grade of C- in each course.

There are no prerequisites for this minor except for the intention to develop a senior thesis.

Non-honors students can enroll in the minor via an application on the Honors Program web site.

At least three courses (9 credits) required for the minor must be completed at Temple.

Note that:

- Four courses are required (9 credits total);
- The remaining courses (9 credits total) are selected from the four Key Areas for Science, Technology, and Science Inquiry outlined below;
- One course must be taken in at least two of the four Key Areas;
- One 3-credit course must be taken from at least three different schools/colleges;
- Only one GenEd course can be used to satisfy requirements of the minor;
- A maximum of two non-Honors courses (6 credits) can be used to satisfy requirements of the minor;
- Nine credits must be from upper-level courses (2000+);
- At least three of the courses (9 credits) counted towards the minor must be courses that were not counted towards any other major, minor or certificate.

The STS Program Director oversees the minor and advises enrolled students with the assistance of the Honors Advising staff. The STS Program Director reviews courses NOT listed below for approval to satisfy one of the Key Areas.

## Required Courses

Code	Title	Credit Hours
PHIL 1077 or PHIL 1977	Science in Context Honors Science in Context	3
PHIL 3910	Honors Special Topics in Philosophy	3
STS Studio		2
HNRS 4901	Creating Knowledge: Honors Thesis Project Design	1
Key Areas for Science, Technology, and Society Inquiry courses (select 9 credits total from lists below)		9
<b>Total Credit Hours</b>		<b>18</b>

## Key Areas for Science, Technology, and Society Inquiry

Code	Title	Credit Hours
<b>History and Philosophy of Science</b>		
College of Engineering		
BIOE 0856	Ethical Issues in Biomedical Science, Engineering and Technology	3
BIOE 0944	Honors Bionic Human	3
College of Liberal Arts		
ANTH 2102	Frauds, Myths, and Pseudoscience in Archaeology	3
HIST 3211	Development of the Modern American City	3
PHIL 2941	Honors Philosophy of Biology	3
PHIL 3216	Philosophy of Science	3
PHIL 3218	Philosophy of Medicine	3
PHIL 3949	Honors Ethics in Medicine	3
SOC 2575	Science, Technology & Society	3
College of Science and Technology		
SCTC 2100	Special Topics in Science and Technology	1 to 6
Klein College of Media and Communication		
MSP 3421	Technology and Culture	3

Code	Title	Credit Hours
<b>Health, the Body, and Society</b>		
College of Engineering		
BIOE 0944	Honors Bionic Human	3
BIOE 0956	Honors Ethical Issues in Biomedical Science, Engineering and Technology	3
BIOE 2001	Frontiers in Bioengineering (with permission)	2
ECE 0832	Digital World and Everyday Life	3
College of Liberal Arts		
ANTH 2332	Medical Anthropology	3
ECON 3507	Health Economics	3
ENST 3314	Food Studies: A Geographical Perspective	3
ENST 4917	Honors Health and Environment Seminar	3
GSWS 3559	Health and Reproduction	3
PHIL 3949	Honors Ethics in Medicine	3
SOC 2575	Science, Technology & Society	3
College of Public Health		
HPM 2202	Man-Made Disasters: Radiological, Chemical & Biological Terrorism	3
SBS 2301	Contemporary Slavery and Public Health	3

Code	Title	Credit Hours
<b>Environment, Infrastructure, and Society</b>		
College of Engineering		
MEE 0843	Technology Transformations	3
College of Liberal Arts		
ANTH 0814	Human Ecology	3
ANTH 0856	Evolution of Culture	3
ANTH 2001	Evolution and Human Environments	3
ENST 3071	Health Geography	3
ENST 4917	Honors Health and Environment Seminar	3
GUS 3051	Environmental Policy Issues	3
GUS 3054	Energy, Resources and Society	3

HIST 3214	North American Environmental History	3
PHIL 0877	Climate Change and Climate Justice	3
PHIL 2957	Honors Environmental Ethics	3
SOC 2575	Science, Technology & Society	3
College of Public Health		
HPM 2202	Man-Made Disasters: Radiological, Chemical & Biological Terrorism	3
HPM 2208	Natural Disasters: Response and Recovery	3
HPM 2216	Introduction to Health Policy	3
SBS 2301	Contemporary Slavery and Public Health	3
College of Science and Technology		
CHEM 0877	The Chemistry of Global Environmental Issues	3
EES 0842	Sustainable Environments	3
EES 2002	Energy and Environment	3
EES 2067	Introduction to Environmental Toxicology	3
EES 3506	Observing and Modeling Climate Change	3
Fox School of Business and Management		
HRM 2511	Corporate Sustainability: People, Profits & Planet	3
Tyler School of Art and Architecture		
CDEV 2255	Environmental Justice in Communities	3
<b>Code</b>	<b>Title</b>	<b>Credit Hours</b>
<b>Communication, Science, Technology, and Public Policy</b>		
College of Engineering		
BIOE 4461	Capstone Elective: Principles of Tissue Engineering (with permission)	3
ECE 0832	Digital World and Everyday Life	3
College of Liberal Arts		
ANTH 2310	Topics in Cultural Anthropology	3
GSWS 3236	Technology in Popular Culture: A Gender Analysis	3
GUS 3051	Environmental Policy Issues	3
GUS 3054	Energy, Resources and Society	3
PHIL 0877	Climate Change and Climate Justice	3
PHIL 2957	Honors Environmental Ethics	3
PHIL 3228	Ethics of Artificial Intelligence	3
PHIL 3949	Honors Ethics in Medicine	3
SOC 2575	Science, Technology & Society	3
SOC 3525	Urban Health	3
College of Public Health		
HPM 2202	Man-Made Disasters: Radiological, Chemical & Biological Terrorism	3
SBS 2301	Contemporary Slavery and Public Health	3
College of Science and Technology		
EES 0827	Hidden Figures to Gamergate: Race and Gender in Science and Technology	3
BIOL 4533	Communicating Science to a Broader Audience / Non-Scientists	3
SCTC 2106	Learning Science with New Media	3
Klein College of Media and Communication		
CSI 1112	Introduction to Communication and Social Influence	3
or COMC 1112	Introduction to Communication	
CSI 2696	Risk Communication	3
or COMC 2696	Professional Writing for Science, Health, and Policy Issues	
CSI 3602	Communicating Science in Today's World	3
MSP 3421	Technology and Culture	3
MSP 4453	The Role of Information in Society	3