

MINOR IN SCIENCE AND TECHNOLOGY STUDIES

Program Learning Outcomes for the Minor in Science and Technology Studies

Upon completing the minor in Science and Technology Studies, students will be able to:

1. Read scientific, technological and historical texts critically, assessing their social, cultural, and political origins and ramifications.
2. Identify the social determinants of science and technology in historical and contemporary contexts.
3. Understand the interplay of social and historical factors that have resulted in particular scientific and technological outcomes.
4. Pursue research projects using published sources, technical and experimental data, and archival materials.
5. Analyze data using both quantitative and qualitative methods.
6. Build strong arguments in their written work and oral presentations.

Requirements for the Minor in Science and Technology Studies

Students pursuing in the minor in Science and Technology Studies must complete:

- A minimum of 6 courses (18 credit hours) to satisfy minor requirements.
- A minimum of 3 courses (9 credit hours) taken at the 300-level or above.
- A maximum of 2 courses (6 credit hours) from study abroad or transfer credit. For additional departmental guidelines regarding transfer credit, see the [Policies](#) (p. 2) tab.

The courses listed below satisfy the requirements for this minor. In certain instances, courses not on this official list may be substituted upon approval of the minor's academic advisor, or where applicable, the Program Director. (Course substitutions must be formally applied and entered into Degree Works by the minor's Official Certifier (<https://registrar.rice.edu/facstaff/degreeworks/officialcertifier/>)). Students and their academic advisors should identify and clearly document the courses to be taken.

Summary

Code	Title	Credit Hours
Total Credit Hours Required for the Minor in Science and Technology Studies		18

Minor Requirements

Code	Title	Credit Hours
Core Requirements ¹		
School of Humanities		
Select 1 course from the following:		3
ENGL 273 / SWGS 273	MEDICINE AND MEDIA	

HIST 260	EARLY HISTORY OF SCIENCE	
HIST 261	HISTORY OF MODERN SCIENCE	
HIST 346	COMPUTER TECHNOLOGY AND SOCIETY	
School of Social Sciences		
Select 1 course from the following:		3
ANTH 348	ANTHROPOLOGIES OF NATURE	
ANTH 419	BLACK FEMINIST SCIENCE & TECHNOLOGY STUDIES	
ANTH 422	INFRASTRUCTURES AND POWER	
ANTH 428	FEMINIST SCIENCE AND TECHNOLOGY STUDIES	
Elective Requirements ^{1,2}		
Select 4 courses as Electives (see course list below)		12
Total Credit Hours		18

Footnotes and Additional Information

- ¹ Students may take additional Core Requirements to fulfill Elective Requirements, but the course(s) will not count toward both requirements.
- ² A maximum of 2 elective courses (6 credit hours) can be taken from the same subject code (ANTH, ASIA, COMP, DSCI, ENGL, HIST, MDHM, MUSI, PHIL, SOCI, SWGS, etc.) A minimum of 3 elective courses (9 credit hours) must be taken at the upper-level (300-level or above). A maximum of 2 courses (6 credit hours) from study abroad or transfer credit may apply towards the Elective Requirements.

Course Lists to Satisfy Requirements

Elective Requirements¹

Select a minimum of 4 courses (12 credit hours) from the courses listed below to satisfy Elective Requirements.

Code	Title	Credit Hours
ANTH 250	PLAGUES AND PEOPLE	3
ANTH 321	SOCIAL LIFE OF DNA	3
ANTH 342	ETHNOGRAPHIES OF CARE	3
ANTH 348	ANTHROPOLOGIES OF NATURE ²	3
ANTH 377	SOUTH ASIAN ECOLOGIES	3
ANTH 381	MEDICAL ANTHROPOLOGY	3
ANTH 417	ONTOLOGIES, VITALITIES, THINGS	3
ANTH 419	BLACK FEMINIST SCIENCE & TECHNOLOGY STUDIES ²	3
ANTH 422	INFRASTRUCTURES AND POWER ²	3
ANTH 428	FEMINIST SCIENCE AND TECHNOLOGY STUDIES ²	3
ANTH 444	ANTHROPOLOGY, PSYCHIATRY, AND MADNESS	3
ASIA 236	BUDDHISM AND SCIENCE	3
ASIA 356	GENOMIC GOVERNANCE IN ASIA	3
ASIA 357	ALGORITHMIC CULTURES IN ASIA	3
COMP 301	COMPUTER ETHICS	3
DSCI 305	DATA, ETHICS, AND SOCIETY	3
ENGL 101	WHAT IS A FACT? DATA, READING, MEANING FROM HUMANITIES TO STEM	3
ENGL 273 / SWGS 273	MEDICINE AND MEDIA ²	3

HIST 260	EARLY HISTORY OF SCIENCE ²	3
HIST 261	HISTORY OF MODERN SCIENCE ²	3
HIST 300	INDEPENDENT STUDY ³	1-4
HIST 312	ENVIRONMENT, MEDICINE AND PUBLIC HEALTH IN LATIN AMERICA	3
HIST 314	HISTORY OF ARTIFICIAL INTELLIGENCE	3
HIST 319	ATOMIC AMERICA	3
HIST 321	US ENVIRONMENTAL HISTORY	3
HIST 325	THE CENTURY OF THE GENE: HISTORY OF GENETICS AND EUGENICS	3
HIST 346	COMPUTER TECHNOLOGY AND SOCIETY ²	3
HIST 430	HISTORIES OF SCIENCE AND TECHNOLOGY IN ASIA	3
HIST 449	LAW IN THE DIGITAL WORLD	3
MDHM 238	SPECIAL TOPICS ³	1-4
MDHM 359	RESPONSIBLE AI FOR HEALTH	3
MUSI 221	MUSIC, MAGIC, AND SCIENCE IN THE MODERN WORLD	3
PHIL 150	TECHNOLOGY, SOCIETY AND VALUE	3
PHIL 353	PHILOSOPHY OF BIOLOGY	3
PHIL 460	ADVANCED TOPICS IN ETHICS ³	3
SOCI 314	SCIENCE AT RISK? OUT OF THE LAB AND INTO PUBLIC SPHERE	3
SOCI 460	SPATIAL ANALYSIS IN THE SOCIAL SCIENCES	3

Footnotes and Additional Information

¹ A maximum of 2 elective courses (6 credit hours) can be taken from the same subject code (ANTH, ASIA, COMP, DSCI, ENGL, HIST, MDHM, MUSI, PHIL, SOCI, SWGS, etc.) A minimum of 3 elective courses (9 credit hours) must be taken at the upper-level (300-level or above). A maximum of 2 courses (6 credit hours) from study abroad or transfer credit may apply towards the Elective Requirements.

² Students may take additional Core Requirements to fulfill Elective Requirements, but the course(s) will not count toward both requirements.

³ These courses are special topics, independent study, and/or advanced topics courses. Only with advisor approval can these courses fulfill Elective Requirements, if the content is related to the Science and Technology Studies minor.

Policies for the Minor in Science and Technology Studies

Program Restrictions and Exclusions

Students pursuing the minor in Science and Technology Studies should be aware of the following program restriction:

- As noted in [Majors, Minors, and Certificates](https://ga.rice.edu/undergraduate-students/academic-opportunities/majors-minors-certificates/) (<https://ga.rice.edu/undergraduate-students/academic-opportunities/majors-minors-certificates/>), i.) students may declare their intent to pursue a minor only after they have first declared a major, and ii.) students may not major and minor in the same subject.

Transfer Credit

For Rice University's policy regarding transfer credit, see [Transfer Credit](https://ga.rice.edu/undergraduate-students/academic-policies-procedures/transfer-credit/) (<https://ga.rice.edu/undergraduate-students/academic-policies-procedures/transfer-credit/>). Some departments and programs have

additional restrictions on transfer credit. The Office of Academic Advising maintains the university's official list of [transfer credit advisors](https://oaa.rice.edu/advising-network/transfer-credit-advisors/) (<https://oaa.rice.edu/advising-network/transfer-credit-advisors/>) on their website: <https://oaa.rice.edu>. Students are encouraged to meet with their academic program's transfer credit advisor when considering transfer credit possibilities.

Program Transfer Credit Guidelines

Students pursuing the minor in Science and Technology Studies should be aware of the following program-specific transfer credit guidelines:

- No more than 2 courses (6 credit hours) of transfer credit from U.S. or international universities of similar standing as Rice may apply towards the minor.
- Requests for transfer credit will be considered by the program director (and/or the program's official transfer credit advisor) on an individual case-by-case basis.

Additional Information

For additional information, please see the Science and Technology Studies website: <https://sts.rice.edu/>.

Opportunities for the Minor in Science and Technology Studies

Academic Honors

The university recognizes academic excellence achieved over an undergraduate's academic history at Rice. For information on university honors, please see [Latin Honors](https://ga.rice.edu/undergraduate-students/honors-distinctions/university/) (<https://ga.rice.edu/undergraduate-students/honors-distinctions/university/>) (*summa cum laude*, *magna cum laude*, and *cum laude*) and [Distinction in Research and Creative Work](https://ga.rice.edu/undergraduate-students/honors-distinctions/university/) (<https://ga.rice.edu/undergraduate-students/honors-distinctions/university/>). Some departments have department-specific Honors awards or designations.

Additional Information

For additional information, please see the Science and Technology Studies website: <https://sts.rice.edu/>.

See <https://humanities.rice.edu/student-life> (<https://humanities.rice.edu/student-life/>) for tables of fellowships, prizes, and internships/practica that may be relevant to this minor.