Science, Technology, and Society (Minor)

To see more about what you will learn in this program, visit the Learning Outcomes website (https://apps.oirp.ncsu.edu/pgas/).

A Science, Technology, and Society minor is a 15 hour, interdisciplinary minor providing students an opportunity to appreciate and understand better the roles that science and technology play in the larger sociocultural context. A goal of the minor is to help students develop the ability to order and integrate the diverse aspects of their educations. Two essential components of this ability are sensitivity to the moral dimensions of scientific and technological inquiry, as affecting how people may live or want to live, and an appreciation of the practical implications of scientific and technical theory. In addition, the Science, Technology, and Society minor enables students to increase the breadth of their interest in science and technology. No courses for the minor may be taken for S/U credit.

Admissions

Students interested in the Science, Technology and Society minor should contact the minor advisor by their junior year or earlier, if possible. To be admitted to the program, a student must have a GPA of at least 2.0. Application for admission to any University minor program is now available via MyPack Portal. Admission will be based upon the student’s academic record, and in most cases no longer requires departmental review. To apply to Add a Minor, go to: https://go.ncsu.edu/minor_coda (https://go.ncsu.edu/minor_coda/).

Certification

The minor must be completed no later than the semester in which the student expects to graduate from their degree program.

Contact Person

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SIS Code: 16STM

Plan Requirements

- Completion of 15 hours of relevant courses, including:
  - at least one course from each of the category groupings,
  - one additional course from any of the categories, and
  - STS 214 Introduction to Science, Technology, and Society
- In order to receive an introduction to the field and to promote communication among themselves, STS minors are required to take STS 214 Introduction to Science, Technology, and Society in their junior year or as soon as possible after declaring their intention to pursue the STS minor.
- A maximum of one (1) course may be used (double-counted) towards both departmental major requirements and minor requirements.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
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<tbody>
<tr>
<td>STS 214</td>
<td>Introduction to Science, Technology, and Society</td>
<td>3</td>
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Elective Courses

Select one from each group and one additional courses from any group:

Group I – Developmental Context of Science and Technology:

- STS 301 Science and Civilization
- STS 302 Contemporary Science, Technology and Human Values
- STS 405 Technology and American Culture
- HI 321 Scientific Revolution and European Society, 1500-1800
- HI 322 Rise of Modern Science
- HI 341 Technology in History
- HI 360 U.S. Agricultural History
- HI 481 History of the Life Sciences
- HI 482 Darwinism in Science and Society
- HI 483 Science and Religion in European History
- HI 484 Science in European Culture
- HI 485 History of American Technology
- HI 486 Science and Empire

Group II – Ethical Issues:

- STS 302 Contemporary Science, Technology and Human Values
- STS/PHI 325 Bio-Medical Ethics
- IDS 201 Environmental Ethics
- PHI 340 Philosophy of Science
Group III – Theories, Methodologies, Implications of Science and Technology:

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>COM 289</td>
<td>Science Communication and Public Engagement</td>
</tr>
<tr>
<td>PHI 340</td>
<td>Philosophy of Science</td>
</tr>
<tr>
<td>PS 314</td>
<td>Science, Technology and Public Policy</td>
</tr>
<tr>
<td>IDS/NR 303</td>
<td>Humans and the Environment</td>
</tr>
<tr>
<td>STS 323</td>
<td>World Population and Food Prospects</td>
</tr>
<tr>
<td>STS 402</td>
<td>Peace and War in the Nuclear Age</td>
</tr>
<tr>
<td>GN 301</td>
<td>Genetics in Human Affairs</td>
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<tr>
<td>SOC/ANT 261</td>
<td>Technology in Society and Culture</td>
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Total Hours 15

*Important Notes:*

- Because of some duplication of subject matter a student may take either one or the other of the following courses but not both: Either STS 301 Science and Civilization or HI 322 Rise of Modern Science
- A course may fulfill the requirement for only one group.