Science, the Environment, Technology, and Society (SETS)

The SETS major offers students a multi-disciplinary course of study that analyzes science, technology, and the environment within their broader cultural contexts, including intellectual and social history, environmental history, religious studies, and philosophy.

Students will choose one of several specialties as a focus for their coursework, such as Philosophy of Science, History of Science and Technology, Science and Technology Policy, or Environmental History. Moreover, students are required to become knowledgeable about one or more areas of science, technology, environmental studies, or public policy, as the department believes such literacy is an important part of a land-grant institution liberal arts education. Students will therefore be required to take at least 12 credits in an appropriate science, social science or engineering discipline. Finally, a capstone is required for all students; each will complete an original research paper synthesizing their scientific, technological, and humanistic knowledge.

SETS Option

Freshman Year

- Choose two lower division history courses: 6-8
  - HSTA 101IH - American History I
  - HSTA 102IH - American History II
  - HSTA 160D - Introduction to the Am West
  - AMST 101D - Introduction to American Studies
  - HSTR 101IH - Western Civilization I
  - HSTR 102IH - Western Civilization II
  - HSTR 130D - Latin American History
  - HSTR 135D - The Modern Middle East
  - HSTR 140D - Modern Asia
  - HSTR 145D - Reinventing Japan
  - HSTR 160D - Modern World History

University Core and Electives 19

Year Total: 25-27

Sophomore Year

- Choose 1 lower division History of Religion course: 3
  - HSTR 150D - Religion, Conflict & Politics
  - HSTR 210IH - History of the Bible

- Choose one lower division History of Science course: 3
  - HSTR 207CS - Sci and Tech in the World History
  - HSTR 282CS - Darwinian Revolution

- Choose an approved Science/Technology/Social Science course, consult with a SETS advisor: 3-4

- One Year Modern Language. The student may elect to take an additional nine credits of upper-division history courses instead of one-year modern language requirement: 6

University Core and Electives 11

Year Total: 23-24

Junior Year

- Choose one upper division Philosophy course: 3
  - PHL 303 - Approaches to Epistemology
  - PHL 321 - Philosophy & Biomedical Ethics
  - PHL 322 - Philosophy & Environmentl Ethics
  - PHL 353 - Philosophy and Technology
  - PHL 354 - Philosophy of Race

- Choose 2 approved Science/Technology/Social Science course-- consult with a SETS advisor: 6

University Core and Electives 21

Year Total: 30

Senior Year

- Choose any history elective @ 300 or 400 level: 18
  - HSTA 311 - Early America
  - HSTA 315 - The Age of Jefferson and Jackson: The Early American Republic
  - HSTA 316 - American Civil War Era
  - HSTA 320 - Birth of Modern US: 1865-1945
  - HSTA 322 - Am History: WWII to Present
  - HSTR 331 - Archaeology, Exploration, and Religion
  - HSTA 402 - Sex and Sexuality in America
  - HSTA 406 - McCarthy, Populism and Fear in US Politics
  - HSTA 407 - Gender in US & Canadian West
  - HSTA 408 - Gender in America
  - HSTA 409 - Food in America
  - HSTA 412IH - American Thought and Culture
  - HSTA 416 - Race and Class in America
  - HSTA 450 - History of American Indians
  - HSTA 460 - Montana and the West
  - HSTA 464 - Trans-Mississippi West
  - HSTA 468 - History of Yellowstone
  - HSTA 470 - American Environmental History
  - HSTA 482 - Technology and the Fate of Humanity
  - HSTA 491 - Special Topics
  - HSTR 302 - Ancient Greece
  - HSTR 304 - Ancient Rome
  - HSTR 308 - Ancient Egypt
  - HSTR 322 - 19th Century Europe
  - HSTR 324 - 20th Century Europe
  - HSTR 330 - History of Mexico
  - HSTR 340 - Age of the Shoguns
  - HSTR 342 - Japan’s Meiji Revolution
  - HSTR 345 - Modern China
  - HSTR 346 - Modern India
  - HSTR 350 - Modern Britain
  - HSTR 353 - Modern France
  - HSTR 359 - Russia to 1917
  - HSTR 362 - Modern Germany
  - HSTR 366 - Middle East/20th Century
  - HSTR 372 - The World at War
  - HSTR 375 - Eurasian Borderlands
  - HSTR 376 - Twentieth Century War
  - HSTR 407 - Soviet Union: Rise & Fall
  - HSTR 415 - Gender and Technology
  - HSTR 417 - Early Modern Science
  - HSTR 419 - Modern Science
  - HSTR 423 - European Intellectual History
  - HSTR 425 - Mapping the World
  - HSTR 430 - Latin Amer Social History
Choose an approved Science/Technology/Social Science course—consult with a SETS advisor.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HSTA 490R</td>
<td>Undergraduate Research</td>
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<tr>
<td>HSTR 499R</td>
<td>Sen Capstone: Hist Methodology</td>
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</tbody>
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**Total Program Credits:** 120

**Approved Science/Technology/Social Sciences Courses for SETS Option**

In addition to satisfying the university core science requirements, students, only after consultation with their academic advisor, are required to take 12 credits of science in one science or engineering or social science or public policy discipline. One of these courses must be at the 300 or 400 level.

A minimum of 120 credits is required for graduation; 42 of these credits must be in courses numbered 300 and above. Students must receive a grade of C- or better in all required courses.