SCIENCE, TECHNOLOGY AND SOCIETY, BA: ENERGY AND ENVIRONMENT

Science, Technology & Society (STSC) examines the social contexts in which science and technology occur, the organizations of people and things that make up science and technology systems, and the social and cultural consequences of scientific and technological change over time. In a wide array of courses, STSC majors explore the relationship between scientific knowledge, technological innovations, technological systems, and society past and present.

This program equips students with sophisticated critical faculties, multidisciplinary skills and wide knowledge that enables our graduates to go into business, law, government, journalism, research, and education. STSC provides a foundation for citizenship in a globalizing, diversifying world with rapid technological and scientific change.

The minimum total course units (https://www.college.upenn.edu/credits-needed-major/) for graduation in this major is 34. Double majors may entail more course units.

For more information: https://hss.sas.upenn.edu/undergraduate/science-technology-society/major-requirements (https://hss.sas.upenn.edu/undergraduate/science-technology-society/major-requirements/)

For information about the General Education requirements, please visit the College of Arts & Sciences Curriculum (https://www.college.upenn.edu/curriculum/) page.

Code	Title	Course Units
College General Education Requirements and Free Electives		
Foundational Approaches + Sectors[1] + Free Electives		20
Major Requirements		
Core Courses		
STSC 0100	Emergence of Modern Science	1
or STSC 0600	Technology & Society	
Select one of the following:		1
STSC 1600	The Information Age	
or STSC 1880	Environment and Society	
or STSC 1120	Science Technology and War	
Or		
STSC 0100 & STSC 0600	Emergence of Modern Science and Technology & Society	
STSC Electives		
Select 6 course units in STSC Electives (Attribute ASTL) (http://catalog.upenn.edu/attributes/astl/)		6
Energy & Environment		
Select 5 course units in Energy & Environment (Attribute ASTE) (http://catalog.upenn.edu/attributes/aste/)		5
Capstone Research Requirement		
STSC 4000	Capstone Research Seminar in Science, Technology and Society	1
Total Course Units		**34**

[1] You may count no more than one course toward both a Major and a Sector requirement. For Exceptions, check the Policy Statement (http://www.college.upenn.edu/sectors-policy/).

Honors

Applicants must have a minimum GPA of 3.5 in the major and 3.0 overall. Students should complete STSC 4000 in the spring of their Junior year and must obtain the support of a faculty advisor before applying for an Independent Study (STSC 4980) to complete the Honors thesis.

Code	Title	Course Units
Honors Thesis (non-course requirement QST)		

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2025 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.