

STSO: SCIENCE, TECHN & SOCIETY

STSO 1005 Introduction to Science & Technology Studies (4 Credits)

This study introduces students to the field of Science and Technology Studies (STS) and its major ideas and texts. We will address how STS differs from other fields and the advantages and limits of our unique interdisciplinary approach. Drawing on anthropological, historical, philosophical, and sociological methods, we will explore topics such as the foundations of scientific knowledge; science as a source of social power and authority; understanding technological systems; race, gender, and postcolonial perspectives; and public engagement with science and technology.

Attributes: Liberal

STSO 1998 Individualized Studies in Science Technology & Society (STSO) (1-8 Credits)

Students have the opportunity to develop individualized studies with their mentor in Science, Technology & Society (STSO). Please contact your mentor/advisor for more details.

STSO 2998 Individualized Studies in Science Technology & Society (STSO) (1-8 Credits)

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STSO 3005 Innovation Technology & Society (4 Credits)

What is technology? What is its relationship with individuals and society? Is it always a force for good? This course examines historically important technologies such as the development of writing and the printing of books, and their impact on the human race; and compares these historical developments to modern technological innovations

Attributes: Liberal

STSO 3010 Science & Technology in Western Culture (4 Credits)

This advanced study will explore a broad range of scientific and technological discoveries and developments, from the dawn of Western civilization to the present day. Learn how such innovations built on each other over the centuries, carrying the West, and much of the rest of the planet, through scientific and industrial revolutions and evolution, culminating in the complex, highly-interconnected world of the late 20th Century. Explore how the roots of many modern social, political and environmental issues can be found through the examination of the history of science and technology. This course meets the general education requirement in Western Civilization. This course was previously HIS-243454.

Attributes: Western Civilization Gen Ed, Liberal

STSO 3015 Computer Technology & Applications in Education (4 Credits)

The purpose of this course is to provide students with an in-depth exposure to computers in education, including how to use computers, mobile devices, networks, and software applications in educational settings. Students will learn and practice efficient ways to integrate computer applications, online resources, and technology-based methods into everyday curriculum practices. Students will develop a broad understanding of how to use computer technology in various subject areas, how to analyze and evaluate appropriate Web- and Cloud-based educational resources and learning tools, and how to design and implement specific applications in the educational process. Assumptions about surrounding courses: Students should have an understanding of computers, software applications, educational system and practices. Notes: Students must have regular access to a personal computer with access to the Internet and full set of computer office applications.

STSO 3998 Individualized Studies in Science Technology & Society (STSO) (1-8 Credits)

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STSO 4998 Individualized Studies in Science Technology & Society (STSO) (1-8 Credits)

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