Human Context of Science and Technology Certificate
Courses Offered Spring 2023

REQUIRED COURSES

HCST 100: The Human Context of Science and Technology

In this course students explore interactions among the humanities, the sciences and technology, including study of the sciences and technology using humanistic approaches, and study of the effects of the sciences and technology on art, philosophy and society. Students will have the opportunity to consider the role of human values in the pursuit of the sciences and in the invention and employment of various technologies. Practical social and political issues relating to science and technology will also be addressed.

> Instructor: Eric Brown
> Meets: MoWe 1:00pm - 2:15pm
> Instruction Mode: In Person
> Class Attributes: Arts and Humanities (GEP); Writing Intensive

HCST 499 / PUBL 398 / HIST 494: Public Health in Historical, Philosophical, and Social Context

This course will take an integrative approach to some of the major issues of public health, such as sanitation reform, eugenics, the disparities between health in wealthy and developing nations, and the tension between civil rights and the public good. We begin with an introduction to the field paying special attention to the epistemological, ethical, and legal dimensions of these issues. As we progress into our historical survey we will focus on cultural and social determinants of these issues, how they correspond to policy and practice in the present, and what, if anything, we might do to create change.

> Instructor: Nicholas Bonneau
> Meets: We 4:00pm - 6:30pm
> Instruction Mode: Online

ELECTIVES

ENGL 383: Science Writing

> Instructor: Deborah Rudacille

Meets: TuTh 2:30pm - 3:45pm
Instruction Mode: In Person

ANTH 312: Medical Anthropology

Instructor: Dori Beeler
Meets: MoWe 5:30pm - 6:45pm
Instruction Mode: Online

ANTH 318: Anthropology of Science and Technology

Instructor: Nicholas Welcome
Meets: TuTh 2:30pm - 3:45pm
Instruction Mode: In Person

CMSC 304: Social and Ethical Issues in Information Technology

Various Instructors, Times

GES 326: American Conservation Though

Instructor: Suzanne Braunschweig
Meets: TuTh 8:30am - 9:45am
Instruction Mode: In Person

GWST 352: Women, Gender, and Information Technology

Instructor: Danyelle Tauryce Ireland
Meets: Mo 7:10pm - 9:40pm
Instruction Mode: Online

PUBL 350: Public Health Ethics

Instructor: Andrea Kalfoglou
Meets: MoWeFr 9:00am - 9:50am
Instruction Mode: In Person

MATH 432 – History of Mathematics

Instructor: Manil Suri
Meets: MoWe 1:00pm - 2:15pm

PHIL478: Philosophy and Evolution

SOCY 351: Sociology of Health, Illness, and Medicine