HISTORY AND PHILOSOPHY OF SCIENCE - MINOR

College of Arts and Sciences
Center for Comparative and Integrative Programs
105 Bowman Hall
Kent Campus
330-672-2062
www.kent.edu/ccip

Description
This History and Philosophy of Science minor will prepare students from a variety of related disciplines to think about science as a social, historical and philosophical enterprise. It will also prepare students for graduate work in history of science, philosophy of science and science and technology studies, as well as for careers in areas of public and educational policy related to science.

Science is arguably the supreme intellectual enterprise of our species. It pervades nearly every aspect of modern society. Scientific research is heavily funded by governments and private institutions; courses in science are requirements at every level of education; scientific accomplishments are honored with awards and prizes; museums display scientific achievements and inventions. Moreover, the sheer depth and breadth of scientific progress through human history is monumental. All of this raises questions about what science is, how it works, and how it manages to be as successful as it is. These questions define the discipline known as the history and philosophy of science, which aims to study science, to understand its goals and methods, its principles and practices and its failures and triumphs.

FULLY OFFERED AT:
• Kent Campus

Admission Requirements
Admission to a minor is open to students enrolled in a bachelor’s degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students enrolled only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

Minor Requirements
[HPS]

DSCI 10010 SOCIETY, CULTURE AND THE DIGITAL SCIENCES
DSCI 10410 INFORMATION ETHICS AND SOCIAL RESPONSIBILITY
GEOI 11040 HOW THE EARTH WORKS (KBS)
GEOI 11042 EARTH AND LIFE THROUGH TIME (KBS)
MATH 10041 INTRODUCTORY STATISTICS (KMCR)
MATH 11008 EXPLORATIONS IN MODERN MATHEMATICS (KMCR)
MATH 11009 MODELING ALGEBRA (KMCR)
MATH 12021 CALCULUS FOR LIFE SCIENCES
PHY 11030 SEVEN IDEAS THAT SHOOK THE UNIVERSE (KBS)
PHY 21430 FRONTIERS IN ASTRONOMY (KBS)
PSYC 11762 GENERAL PSYCHOLOGY (DIVD) (KSS)

History and Philosophy Electives, choose from the following:

HIST 31550 MEDICINE IN THE MODERN WORLD SINCE 1500
HIST 31550 AMERICAN SOCIAL AND INTELLECTUAL HISTORY, 1876-PRESENT (DIVD)
PHIL 21002 INTRODUCTION TO FORMAL LOGIC (KMCR)
PHIL 30025 ENVIRONMENTAL ETHICS
PHIL 31003 CONTINENTAL RATIONALISM (WIC)
PHIL 31004 BRITISH EMPIRICISM (WIC)
PHIL 41036 PHILOSOPHY OF COGNITIVE SCIENCE
PHIL 41037 RENAISSANCE AND EARLY MODERN PHILOSOPHY AND SCIENCE
PHIL 41040 EPistemology

Minimum Total Credit Hours: 18

1 Students declared in a major from any of programs listed in the Science Electives do not need to take a course from Science Electives, and should select an additional course from the History and Philosophy Electives.

Graduation Requirements
Minimum Minor GPA
2.000

• Students must complete at least two upper-division (30000 or 40000 level) courses in the minor at Kent State on a graded basis (A-F).