



# Perspectives on Science

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## PHILO 501

Perspectives on Science explores how values underlie the scientific method and the theories scientists produce, how science enters our lives as a value commitment, how our scientific understanding of the world influences art and literature, and how non-scientific values inform public responses to advances in science. We will examine how biology, physics and computer science have influenced and been influenced by political, cultural and literary movements in the United States, including discussions of the Eugenics movement, the development and testing of the atomic bomb, environmental science, and the role of algorithmic bias in generating structural injustice. Students will come away with a deeper understanding of the scientific method and the conditions under which it is likely to advance or impede human well-being.

Dr. Bruce Glymour · Distance · MWF 1:30-2:20 PM · Fall 2022