

# PHILOSOPHY OF SCIENCE (HPSCI)

2024-2025 - catalog year

\_\_\_\_ / 122 Total Hours Needed

\_\_\_\_ / 33 Min. Major Hours

No individual course receiving a grade lower than C- will count for any requirement. A minimum GPA of 2.0 is required for graduation.

## PHILOSOPHY CORE CURRICULUM

### History & Philosophy of Science (required)

PHIL 3350 History & Philosophy of Science (CW)

### Philosophy of Science Core (choose one)

- PHIL 3310 Science & Society
- PHIL 3370 Philosophy of Biology
- PHIL 3375 Philosophy of Social Science
- PHIL 3380 Feminist Philosophy of Science (DV)
- PHIL 3440 Cognitive Science
- PHIL 4380 Philosophy of Physics
- PHIL 5350 Topics in Philosophy of Science
- PHIL 5370 Topics in Philosophy of Biology
- PHIL 5375 Topics in Philosophy of Social Science

### Logic & Formal Methods (choose two)

- PHIL 3200 Deductive Logic (QI)
- PHIL 3210 Inductive Logic
- PHIL 5200 Advanced Deductive Logic
- PHIL 5210 Advanced Inductive Logic
- PHIL 5220 Rational Choice Theory

### History of Philosophy (choose one course from PHIL's Area III History of Philosophy requirements listed on back)

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## SCIENCE BREADTH

College of Science/MATH courses that are required as prerequisites for Scientific Disciplinary Focus courses may also fulfill the Science Breadth requirement.

### Two MATH courses

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## SCIENTIFIC DISCIPLINARY FOCUS

Completing a College of Science or College of Social & Behavioral Science major, or completing a Kinesiology major, Climate Change certificate, Cognitive Science certificate, or Dark Sky minor will satisfy the scientific disciplinary focus path.

### Four upper-division courses from a single science or social science discipline

\_\_\_\_\_ 3000 level or higher

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### Ethics (choose one)

- PHIL 3390 Tech & Design Ethics
- PHIL 3520 Bioethics
- PHIL 3530 Environmental Ethics
- PHIL 3570 Research Ethics
- PHIL 4540 Engineering Ethics (Varies)
- PHIL 5520 Advanced Bioethics
- PHIL 5530 Environmental Philosophy

### Elective (choose one from any course listed on front or designated electives listed on back)

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### Capstone (choose two)

- PHIL 5200 Advanced Deductive Logic
- PHIL 5210 Advanced Inductive Logic
- PHIL 5220 Rational Choice Theory
- PHIL 5350 Topics in Philosophy of Science
- PHIL 5370 Topics in Philosophy of Biology
- PHIL 5375 Topics in Philosophy of Social Science
- PHIL 5520 Advanced Bioethics
- PHIL 5530 Advanced Ethics
- HPSCI 5900 Special Topics in HPSCI (By permission only)
- PHIL 5192 Topics in Philosophy of \_\_\_\_\_ (By permission only)
- PHIL 5450 Philosophy of Mind (By permission only)

### Three College of Science courses

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## History of Philosophy Course Options

- **PHIL 3013** Philosophy of \_\_\_\_\_
- **PHIL 3040** 20th Century Analytic Philosophy
- **PHIL 3060** 20th Century Continental Philosophy
- **PHIL 3085** History of African American Phil
- **PHIL 3086** History of Latin American Philosophy
- **PHIL 3100** Survey of Ancient Greek Philosophy
- **PHIL 3110** Survey of Medieval Philosophy
- **PHIL 3120** Survey of Early Modern Philosophy
- **PHIL 3130** Survey of 19th Century Philosophy
- **PHIL 3810** Existentialism
- **PHIL 4140** Classical Chinese Philosophy
- **PHIL 5040** Advanced 20th Century Analytic
- **PHIL 5060** Advanced 20th Century Continental
- **PHIL 5100** Advanced Ancient Philosophy
- **PHIL 5110** Advanced Medieval Philosophy
- **PHIL 5120** Advanced Early Modern Philosophy
- **PHIL 5145** Topics in Classical Chinese Philosophy
- **PHIL 5193** Philosophy of \_\_\_\_\_
- **PHIL 5360** Topics in the History of Science

## Elective Course Options

- **ANTH 3137** Language, Thought, and Culture: The Anthropology of the Human Mind (**BF**)
- **ANTH 3783** Sex & Gender (**DV**)
- **ANTH 3245** Human Migration and Social Change (**IR, SUSL**)
- **ANTH 3481** Evolutionary Psychology
- **COMM 3115** Communicating Science, Health, Environment
- **COMM 4360** Consuming the Earth
- **COMM 5360** Environmental Communication
- **COMM 5365** Communicating Climate Change
- **ECON 3100** Labor Economics (**QI**)
- **ECON 3200** Money & Banking (**QI**)
- **ECON 3500** International Economics (**QI, IR**)
- **ENGL 3080** Studies in Environmental Literature (**HF**)
- **ENGL 5760** Studies in Victorian Literature  
*By permission only*
- **HIST 4075** Introduction to the History of Science
- **HIST 4080** History of Medicine in Western Society (**IR, HF**)
- **HIST 4085** History of Technology
- **HIST 4270** Empire and Exploration  
*By permission only*
- **LING 3300** Computers and Language
- **LING 4160** Language and Cognition (**HF**)
- **LING 4170** Biolinguistics
- **WRTG 3014** Writing in the Sciences (**CW**)
- **WRTG 3705** Rhetoric, Science, and Technology Studies (**BF, HF**)

