

PHILOSOPHY OF SCIENCE, MINOR

Minor in Philosophy of Science (360005M)

The Philosophy of Science Minor allows students to study the foundations, methods, and implications of science, and connect them to varying scientific fields. In virtue of its interdisciplinary nature, this program allows designated courses from other disciplines to count as partial credit toward the minor.

Program Contact

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The following information has official approval of **The Department of Philosophy** and **The Buchtel College of Arts & Sciences**, but is intended only as a guide. Completion of this minor is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

The following courses constitute a "Minor in Philosophy of Science" and must be completed with a minimum grade point average of 2.0 overall for the minor to be noted on the student's record. Cannot overlap more than 6 credits if obtaining both a Philosophy major and a Philosophy minor or if obtaining two Philosophy minors. Please refer to the University Requirements for Minor Areas of Study (<https://bulletin.uakron.edu/undergraduate/important-policies/graduation-requirements/#minor-req>) for specific graduation information regarding minors.

Summary

Code	Title	Hours
Required Courses		6
Electives		12
Total Hours		18

Required Courses

Code	Title	Hours
PHIL 313	History of Modern Philosophy	3
PHIL 464	Philosophy of Science	3
Total Hours		6

Electives

Code	Title	Hours
Select 6 credits of the following:		6
PHIL 125	Theory & Evidence	
PHIL 170	Introduction to Logic	
PHIL 323	Advanced Topics in Ethics ¹	
PHIL 333	Philosophy of Science and Religion	
PHIL 361	Biomedical Ethics	
PHIL 371	Philosophy of Mind	
PHIL 374	Symbolic Logic	

PHIL 418	20th Century Analytic Philosophy	
PHIL 461	Neuroethics	
PHIL 462	Theory of Knowledge	
PHIL 471	Metaphysics	
PHIL 480	Seminar in Philosophy ¹	
Select 6 credits of the following:		6
BIOL 211	General Genetics	
BIOL 217	General Ecology	
BIOL 316	Evolutionary Biology	
BIOL 331	Microbiology	
CHEM 305	Physical Chemistry for the Biological Sciences	
CHEM 423	Analytical Chemistry I	
CHEM 424	Analytical Chemistry II	
ANTH 105	Human Evolution	
ANTH 311	Human Paleontology: Genus Homo	
ANTH 405	Anthropological Theory	
ANTH 382	Evolution and Human Behavior	
ANTH 407	Archaeological Theory	
ECON 426	Applied Econometrics	
ECON 475	Development of Economic Thought	
GEO 360	Paleobiology	
GEO 462	Macroevolution	
HIST 487	Science and Technology in World History	
MATH 401	History of Mathematics	
STAT 450	Probability	
STAT 451	Theoretical Statistics I	
STAT 461	Applied Statistics	
PHIL 125	Theory & Evidence	
PHIL 170	Introduction to Logic	
PHIL 323	Advanced Topics in Ethics	
PHIL 333	Philosophy of Science and Religion	
PHIL 361	Biomedical Ethics	
PHIL 371	Philosophy of Mind	
PHIL 374	Symbolic Logic	
PHIL 418	20th Century Analytic Philosophy	
PHIL 461	Neuroethics	
PHIL 462	Theory of Knowledge	
PHIL 471	Metaphysics	
PHIL 480	Seminar in Philosophy	
PHIL 481	Philosophy of Language	
PHYS 261	College Physics I	
PHYS 262	College Physics II	
PHYS 291	Elementary Classical Physics I	
PHYS 292	Elementary Classical Physics II	
PSYC 320	Biopsychology	
PSYC 340	Social Psychology	
PSYC 345	Cognitive Processes	
SOCIO 301	Social Research Design	
SOCIO 315	Sociological Social Psychology	
SOCIO 460	Sociological Theory	
Total Hours		12

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¹ Must be in a related topic.