Requirements for the Minor in the History and Philosophy of Science

Students pursuing a minor in the History and Philosophy of Science should use this worksheet to plan their course of study, in consultation with one of several faculty advisors:

Richard Beyler, History (503-725-3996, beylerr@pdx.edu)
Michael Flower, Center for Science Education / Honors College (503-725-5362, flowerm@pdx.edu)
Tom Seppalainen, Philosophy (503-725-3519, seppalt@pdx.edu)

HST 387: History of Modern Science

HST 427: Topics in the History of Science (may be repeated under different topic)  (elective)  4 cred

PHL 470: Philosophy of Science or PHL 471: Topics in Philosophy of Science

PHL 470 or PHL 471  4 cred

Two courses are required of all students minoring in the History and Philosophy of Science.

Elective courses:
Six elective courses chosen from the following:

ANTH 325: Culture, Health, and Healing
ANTH 414: Culture and Ecology
BI 343: Genes and Society
CH 170: Fundamentals of Environmental Chemistry
CH 360: Origins of Life on Earth
CS 346/SySc 347: Exploring Complexity in Science and Technology
EC 460: History of Economic Thought
ESM 330: Environmental and Ecological Literacy
G 333/BI 175: Evolutionary Concepts II
GEOG 347: Environmental Issues and Action
GEOG 366: Historical Geography of North America
HST 427: Topics in the History of Science (may be repeated under different topic) (elective)  4 cred
HST 434: US Social and Intellectual History
HST 440: American Environmental History I
HST 441: American Environmental History II (elective)  4 cred
HST 460: Topics in European Intellectual History (may be repeated under different topic) (elective)  4 cred
MTH 486: Topics in the History of Mathematics
PHL 301: Ancient Philosophy
PHL 303: Early Modern Philosophy
PHL 305: Analytic Philosophy
PHL 306: Science and Pseudoscience (elective)  4 cred
PHL 307: Science and Society
PHL 318: Philosophy of Medicine
PHL 470: Philosophy of Science (if not taken as core course) II (elective)  4 cred
PHL 471: Topics in the Philosophy of Science (if not taken as core course) (elective)  4 cred
PS 319: Politics of the Environment
SCI 321/ME 304: Energy and Society
SCI/WS 347: Science, Gender, and Social Context I
SCI/WS 348: Science, Gender, and Social Context II
SCI 355/PH 387: Science through Science Fiction
SCI 359: Biopolitics
SCI 361: Science: Power-Knowledge

A total of at least 32 credits is required for the minor in the History and Philosophy of Science.

All courses must be graded A through F (pass/no pass option is not acceptable) and all courses must be passed with a grade of C- or higher. The total must be at least 32 credits.

These requirements are for coursework other than that used to fulfill the distribution requirements for the B.A. or B.S. degree, for University Studies, or for the major.

Please take note of any prerequisites established by the respective departments.