From ancient times, prevailing philosophical views and our notions of science have always been interconnected, shifting with new waves of philosophical thought and scientific discoveries. Explore how these historical changes and this complex interaction have impacted and affected human society and cultural production.

Description

The undergraduate certificate program in the history and philosophy of science is designed to give students an understanding of the traditional philosophical issues surrounding science and the historical development of concrete scientific theories and ideas.

Philosophical questions about how we understand nature through science and how scientific claims gain authority are enriched when they are considered in a historical context. Such philosophical and historical study also often includes the examination of contemporary sciences and their place within the larger society, including the study of bioethics, policy and law.

This certificate is a valuable addition for students in the sciences or the humanities. It crosses disciplines to help students engage in unfamiliar and familiar paths of inquiry in new and interesting ways. The program is offered by the School of Life Sciences.

At a Glance

- **College/School:** The College of Liberal Arts and Sciences
- **Location:** Tempe campus

Program Requirements

Certificate Map (Archives)
2019 - 2020 Certificate Map
The certificate requires 18 credit hours from the HPS and PHI prefixes. At least 12 credit hours must be completed at the upper-division level and all courses counting toward the certificate must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

**Required Course -- 3 credit hours**

- PHI 314 / HPS 314: Philosophy of Science (HU) (3)

**Electives (choose five) -- 15 credit hours**

At least nine credit hours must be taken in upper-division HPS courses. Any upper-division HPS course may be used toward the certificate.

- HPS Upper Division Elective (9)
- PHI 328: History of Ancient Philosophy (HU & H) (3)
- PHI 329: History of Modern Philosophy (HU & H) (3)
- PHI 330: Theory of Knowledge (HU) (3)
- PHI 403: Contemporary Analytic Philosophy (HU) (3)

Other elective options may be applied with the approval of an academic advisor in the School of Life Sciences.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this certificate.

**Enrollment Requirements**

A student pursuing an undergraduate certificate must be enrolled as a degree-seeking student at ASU. Undergraduate certificates are not awarded prior to the award of an undergraduate degree. A student already holding an undergraduate degree may pursue an undergraduate certificate as a nondegree-seeking graduate student.

For more information, students should contact the School of Life Sciences.

**Contact Information**

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