Conceptual Foundations of Science

The minor in conceptual foundations of science is administered by the Conceptual Foundations of Science Committee: Professors Lass (anthropology), Peterson (physics and mathematics), Rachootin (biological sciences); Associate Professors Cotter (chemistry and critical social thought, co-chair), Farnham (environmental studies), Mitchell (philosophy); Assistant Professor Singer (English, co-chair).

Overview

The minor in conceptual foundations of science explores the creation, transmission, and use of knowledge about the natural world.

Contact Info

Donald Cotter, co-chair
Kate Singer, co-chair

Requirements for the Minor

Credits

- A minimum of 16 credits

Courses

- A Gateway Course:
  - Critical Social Thought 248, Science, Revolution, and Modernity, or
  - Environmental Studies 240, The Value of Nature
- Three additional 4-credit courses, at the 200 or 300 level, chosen in consultation with a faculty advisor from the committee, from the faculty-approved list for the minor.
- One-time or occasional offerings appropriate for the minor not appearing on the list of approved courses may be included with approval of the committee chair.
- Students may also take appropriate course work at other schools with approval of the committee chair.

Related Courses

Approved courses for the Conceptual Foundations of Science minor include:

- **Anthropology**
  - 235 Development of Anthropological Thought
  - 240 Medical Anthropology
  - 334 Memory, History, and Forgetting

- **Biological Sciences**
  - 308 Darwin (same as History 361)

- **Critical Social Thought**
  - 248 Science, Revolution, and Modernity

- **Environmental Studies**
  - 240 The Value of Nature
  - 317 Perspectives on American Environmental History

- **History**
  - 284 History, Ecology, and Landscape