



### Twin Cities Campus

## History of Science, Technology, and Medicine Minor

CLA Dean's Office

### College of Liberal Arts

- Program Type: Undergraduate free-standing minor
- Requirements for this program are current for Fall 2018
- Required credits in this minor: 14

The undergraduate minor in the history of science, technology, and medicine (HSTM) combines upper-division coursework in the history of science and technology (HSCI) with upper-division coursework in the history of medicine (HMED) to build a humanistic background to the basic applied sciences, technologies and/or healthcare professions. Students interested in the HSTM minor should consult with the director of undergraduate studies for the HSTM program and draw up a plan of study that represents a coherent theme within the history of sciences, technology, and medicine. Normally such a coherent program entails survey coursework in the history of science, the history of technology, or the history of medicine, along with more advanced historical work around a specific field (science, technology, or medicine) or theme (focus on a particular time period, geographical focus, type of history, etc.).

### Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

### Minor Requirements

#### Minor Courses

No more than 3 credits of directed study may count towards the minor.

Take 14 or more credit(s) from the following:

#### HSCI 1xxx

Any HSCI 1xxx or its cross-list may count towards this requirement.

Take no more than 1 course(s) totaling 0 - 4 credit(s) from the following:

- HSCI 1011 - Digital World [HIS, TS] (3.0 cr)
- HSCI 1212 - Life on Earth: Origins, Evolution & Ecology [HIS, ENV] (4.0 cr)
- HSCI 1714 - Stone Tools to Steam Engines: Technology and History to 1750 [HIS, TS] (3.0 - 4.0 cr)
- HSCI 1715 - History of Modern Technology: Waterwheels to the Web [HIS, TS] (3.0 - 4.0 cr)
- HSCI 1814 - Revolutions in Science: The Babylonians to Newton [HIS, GP] (3.0 - 4.0 cr)
- HSCI 1815 - Making Modern Science: Atoms, Genes and Quanta [HIS, GP] (3.0 - 4.0 cr)

#### 2xxx-5xxx

Any HSCI, HMED 2xxx, 3xxx, 4xxx, 5xxx, or its cross-list may count towards this requirement.

Take 10 - 14 credit(s) from the following:

- HMED 3001W - Health, Disease, and Healing I [HIS, WI] (4.0 cr)
- HMED 3002W - Health Care in History II [HIS, WI] (4.0 cr)
- HMED 3040 - Human Health, Disease, and the Environment in History [HIS] (3.0 cr)
- HMED 3055 - Women, Health, and History [HIS, DSJ] (3.0 cr)
- HMED 3065 - Body, Soul, and Spirit in Medieval and Renaissance European Medicine (3.0 cr)
- HMED 4965W - Senior Research in Medical History (3.0 cr)
- HSCI 2333V - Honors Course: A Century of Science in Modern America [HIS, CIV, WI] (3.0 cr)
- HSCI 3714 - Stone Tools to Steam Engines: Technology and History to 1750 [HIS, TS] (3.0 - 4.0 cr)
- HSCI 3715 - History of Modern Technology: Waterwheels to the Web [HIS, TS] (3.0 - 4.0 cr)
- HSCI 3814 - Revolutions in Science: The Babylonians to Newton [HIS, GP] (3.0 - 4.0 cr)
- HSCI 3815 - Making Modern Science: Atoms, Genes and Quanta [HIS, GP] (3.0 - 4.0 cr)
- HSCI 4060 - Special Topics in History of Technology (3.0 cr)
- HSCI 4455 - Women, Gender, and Science [HIS, DSJ] (3.0 cr)
- HSEM 2529H - Explanation and Evidence in Crime Fiction and in Science (3.0 cr)
- HMED 3075 - Technology and Medicine in Modern America [HIS, TS] (3.0 cr)  
or HMED 5075 - Technology and Medicine in Modern America (3.0 cr)
- HSCI 3211 - Biology and Culture in the 19th and 20th Centuries [HIS, CIV] (3.0 cr)  
or HSCI 5211 - Biology and Culture in the 19th and 20th Centuries [CIV] (3.0 cr)
- HSCI 3242 - Navigating a Darwinian World [HIS] (3.0 cr)  
or HSCI 5242 - Navigating a Darwinian World (3.0 cr)
- HSCI 3244 - Nature's History: Science, Humans, and the Environment [HIS, ENV] (3.0 cr)  
or HSCI 5244 - Nature's History: Science, Humans, and the Environment (3.0 cr)
- HSCI 3331 - Technology and American Culture [HIS, TS] (3.0 cr)



- *or* [HSCI 5331](#) - Technology and American Culture (3.0 cr)
- [HSCI 3332](#) - Science in the Shaping of America [HIS, DSJ] (3.0 cr)
  - or* [HSCI 5332](#) - Science in the Shaping of America (3.0 cr)
- [HSCI 3401](#) - Ethics in Science and Technology [HIS, CIV] (3.0 cr)
  - or* [HSCI 5401](#) - Ethics in Science and Technology (3.0 cr)
- [HSCI 3421](#) - Engineering Ethics [HIS, CIV] (3.0 cr)
  - or* [HSCI 5421](#) - Engineering Ethics (3.0 cr)
- [HSCI 3611](#) - Enlightenment, Revolution, and the Rise of Modern Science [HIS, GP] (3.0 cr)
  - or* [HSCI 5611](#) - Enlightenment, Revolution, and the Rise of Modern Science (3.0 cr)
- [HSCI 4121W](#) - History of 20th-Century Physics [WI] (3.0 cr)
  - or* [PHYS 4121W](#) - History of 20th-Century Physics [WI] (3.0 cr)
- [HSCI 4321](#) - History of Computing [TS, HIS] (3.0 cr)
  - or* [CSCI 4921](#) - History of Computing [TS, HIS] (3.0 cr)
- **Directed and Independent Study**
  - Take 0 - 3 credit(s) from the following:
  - [HSCI 5993](#) - Directed Studies (1.0 - 15.0 cr)
  - [HSCI 5994](#) - Directed Research (1.0 - 15.0 cr)
  - [HMED 3993](#) - Directed Study (1.0 - 4.0 cr)