STEM IN SOCIETY MINOR (CHSS)

Banner Code: STEM

Academic Advising
3200 Horizon Hall
Fairfax Campus

Website: historyarthistory.gmu.edu/programs/la-minor-hist-stem

The STEM in Society minor develops strategic and critical thinking capabilities to better understand how science, technology, engineering, and mathematics (STEM), as well as medicine, impact the human experience - past, present, and future. It provides a broad perspective of the STEM fields, to include how advances are developed, how they fit into the wider context of society and culture, and how historical contexts have in turn shaped advances in these fields.

The skills and competencies gained from this minor are useful to those seeking work in the tech and health care industries, as well as fields like international development and public policy or in non-profits, the government, or think tanks.

Admissions & Policies

Policies
Eight credits of coursework must be unique to the minor and students must earn a minimum grade of 2.00 in all courses applied to the minor. For policies governing all minors, see AP.5.3.4 Minors (http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4).

Requirements

Minor Requirements
Total credits: 15

Required Course

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HIST 315</td>
<td>STEM and Society: A History</td>
<td>3</td>
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Total Credits: 3

Electives

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>Select 12 credits from any of the following courses</td>
<td>12</td>
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**Historical**

- HIST 202: Freshman/Sophomore Seminar in Global History
- HIST 378: History of Aviation
- HIST 390: The Digital Past
- BIOL 301: Biology and Society (Mason Core) (http://catalog.gmu.edu/mason-core/)
- COS 301: Great Ideas in Science (Mason Core) (http://catalog.gmu.edu/mason-core/)

**Medicine and Health**

- PHIL 344: Ethical Issues in Global Health

- ANTH 363: Humans, Disease, and Death (Mason Core) (http://catalog.gmu.edu/mason-core/)
- ANTH 365: Scientific Racism and Human Variation
- ANTH 381: Medical Anthropology
- GCH 445: Social Determinants of Health
- GCH 205: Global Health (Mason Core) (http://catalog.gmu.edu/mason-core/)
- GCH 360: Health and Environment

**Environment**

- PHIL 243: Global Environmental Ethics (Mason Core) (http://catalog.gmu.edu/mason-core/)
- ANTH 370: Environment and Culture
- CEIE 100: Environmental Engineering around the World (Mason Core) (http://catalog.gmu.edu/mason-core/)
- CLIM 101: Global Warming: Weather, Climate, and Society (Mason Core) (http://catalog.gmu.edu/mason-core/)
- EVPP 436: The Human Dimensions of Global Climate Change

**Science and Technology**

- PHIL 377: Darwin: Biology and Beyond (Mason Core) (http://catalog.gmu.edu/mason-core/)
- ANTH 395: Work, Technology, and Society: An IT Perspective
- ANTH 314: Zombies
- SOCI 391: Big Data, Technology, and Society
- INTS 301: Science in the News (Mason Core) (http://catalog.gmu.edu/mason-core/)
- INTS 348: Digital Futures
- IT 304: IT in the Global Economy
- COS 400: Problem Solving and Leadership in STEAM

**Policy**

- EVPP 432: Energy Policy
- EVPP 361: Introduction to Environmental Policy
- NUTR 318: Global Nutrition and Food Security
- NUTR 440: Nutrition Policy
- BENG 475: Special Topics Courses (with permission of minor director when topic is related to STEM in Society)

- HIST 387: Topics in Global History (Mason Core) (http://catalog.gmu.edu/mason-core/)
- ANTH 396: Issues in Anthropology: Social Sciences (Mason Core) (http://catalog.gmu.edu/mason-core/)
- ANTH 399: Issues in Anthropology
- SOCI 395: Special Topics in Sociology
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
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<tbody>
<tr>
<td>GLOA 400</td>
<td>Global Affairs Capstone (Mason Core)</td>
<td>(<a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a>)</td>
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<td>GLOA 450</td>
<td>Topics in Global Affairs</td>
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<td>ENGR 499</td>
<td>Special Topics in Engineering</td>
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<td>INTS 375</td>
<td>Special Topics</td>
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<td>INTS 475</td>
<td>Special Topics</td>
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<td>NUTR 495</td>
<td>Nutrition and Food Studies Capstone</td>
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<tr>
<td>GCH 494</td>
<td>Special Topics in Global and Community Health</td>
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Total Credits 12