

# STEM IN SOCIETY MINOR (CHSS)

**Banner Code:** STEM

## Academic Advising

3200 Horizon Hall  
Fairfax Campus

Website: <https://globalaffairs.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 AP5.3.4 Minors (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

## Requirements

### Minor Requirements

Total credits: 15

#### Required Course

Code	Title	Credits
HIST 315	STEM and Society: A History (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	3
Total Credits		3

#### Electives

Code	Title	Credits
Select 12 credits from any of the following courses		12

##### Historical

BIOL 301	Biology and Society (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
COS 301	Great Ideas in Science (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )
HIST 202	Freshman/Sophomore Seminar in Global History
HIST 378	History of Aviation

HIST 390 The Digital Past (Mason Core) (<http://catalog.gmu.edu/mason-core/>)

##### Medicine and 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 205 Global Health (Mason Core) (<http://catalog.gmu.edu/mason-core/>)

GCH 360 Health and Environment

GCH 445 Social Determinants of Health  
or SOCW 445 Social Determinants of Health

GLOA 388 Global Health and Development

PHIL 344 Ethical Issues in Global Health

##### Environment

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 Politics of Climate Change Governance

GGG 307 Geographic Approaches for Sustainable Development

PHIL 243 Global Environmental Ethics (Mason Core) (<http://catalog.gmu.edu/mason-core/>)

##### Science and Technology

ANTH 314 Zombies

ANTH 395 Work, Technology, and Society: An IT Perspective (Mason Core) (<http://catalog.gmu.edu/mason-core/>)

COS 400 Problem Solving and Leadership in STEAM

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

PHIL 271 How Science Works (Mason Core) (<http://catalog.gmu.edu/mason-core/>)

PHIL 371 Philosophy of the Natural Sciences

PHIL 345 Topics in Philosophy of Technology

PHIL 377 The Darwinian Revolution in Modern Thought

SOCI 391 Big Data, Technology, and Society

##### Policy

EVPP 361 Introduction to Environmental Policy

EVPP 432 Energy Policy

NUTR 318 Global Nutrition and Food Security

NUTR 440 Nutrition Policy

BENG 375 Intellectual Property, Regulatory Concepts  
and Product Development

**Special Topics Courses (with permission of minor director  
when topic is related to STEM in Society)**

ANTH 396 Issues in Anthropology: Social Sciences  
(Mason Core) ([http://catalog.gmu.edu/  
mason-core/](http://catalog.gmu.edu/mason-core/))

ANTH 399 Issues in Anthropology

ENGR 499 Special Topics in Engineering

GCH 494 Special Topics in Global and Community  
Health

GLOA 400 Global Affairs Capstone (Mason Core)  
(<http://catalog.gmu.edu/mason-core/>)

GLOA 450 Topics in Global Affairs

HIST 387 Topics in Global History (Mason Core)  
(<http://catalog.gmu.edu/mason-core/>)

INTS 375 Special Topics

INTS 475 Special Topics

NUTR 495 Nutrition and Food Studies Capstone

SOCI 395 Special Topics in Sociology

---

Total Credits

12