Program Change Request

Date Submitted: 02/05/24 1:35 pm

Viewing: **STEM : STEM in Society Minor**

Last approved: 04/17/23 9:23 am

Last edit: 02/05/24 1:35 pm

Changes proposed by: jbowen4

Catalog Pages
Using this Program
STEM in Society Minor (CEC)
STEM in Society Minor (COS)
STEM in Society Minor (CHSS)

No Longer
Anticipated closure
Rationale for

Are you completing this form on someone else's behalf?

No

Effective Catalog: 2024-2025

Program Level: Undergraduate

Program Type: Minor

Title:

STEM in Society Minor

Approval Criteria
1. What was the process used within yo
2. Wh
3. What evidence was used to identify ne
4. Pl
a. Have you ensured there are no other ex
b. Has CPF confirmed the proposed badge c
c. Has the instructor(s) for this badge experi
d. Is there a contact hour minimum?
e. Is an assessment required?
f. Does this badge provide a benefit for curren
5. Is this badge co-sponsored with another
a. What is the organization, program, or departm
Earning Criteria
Course:
Badge:
Participant:
Payment:
Portfolio:
Presentation:
Assessment:
Credential:

In Workflow

1. **LA Associate Dean**
2. **SC Curriculum**
   Committee
3. EC Undergraduate
   Studies Committee
   Chair
4. EC Associate Dean-
   Undergraduate
5. SC Associate Dean
6. SC CAT Editor
7. EC CAT Editor-
   Undergraduate
8. Assoc Provost-
   Undergraduate
9. Registrar-Programs

Approval Path

1. 02/07/24 10:26 am
   Jill Bowen
   (jbowen4):
   Approved for LA
   Associate Dean

History

1. Mar 4, 2021 by Jill
   Bowen (jbowen4)
2. Apr 27, 2022 by Jill
   Bowen (jbowen4)
3. Mar 7, 2023 by Tory
   Sarro (vsarro)
4. Apr 17, 2023 by
   Tory Sarro (vsarro)

Education

Other:

Project:

Professional

Schedule/Registration:

Volunteer:

Skills Tag

Skills Tag

Badge Attributes

Please select one from each category:

Achievement Type:

Mastery Level:

Time Commitment:

Cost:

Industry Standards:

Recommendations:

Issuance information and Pricing

Pricing: See https://aps.gmu.edu/digitalbadgepricing/ for more information.

Estimated Number of Badges Expected to be Issued:

Notes:

All badge requests will be created in CBE format once approved. Ple

• A Mason Digital Credentials Advisory Group may be developed to revi

Banner Title:	STEM in Society
Is this a retitling of an existing program?	
Existing Program	
Registrar/OAPI Use Only – SCHEV	
Registrar's Office Use Only – Program Start Term	Fall 2021
Registrar/OAPI Use Only – SCHEV	
Registrar/OAPI Use Only – SACSCOC Status	
Concentration(s):	
INTO Major(s):	
Registrar/IRR Use Only – Concentration CIP	
College/School:	College of Humanities & Social Sciences
Department / Academic Unit:	Global Affairs
Jointly Owned Program?	Yes

Participating Colleges		**College**
	1	College of Health & Human Services
	2	College of Science
	3	College of Engineering and Computing

Participating Departments

Justification

GLOA 450 has been renumbered to GLOA 396.

Additional Justification:

Catalog Published Information

Total Credits Required: Total credits: 15

Registrar's Office Use Only - Program Code:

STEM

Registrar/IRR Use Only – Program CIP Code

Admission Requirements:

Program-Specific 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.

Degree Requirements:

Required Course

HIST 315 STEM and Society: A History (Mason Core)   3
Total Credits   3

Electives

Select 12 credits from any of the following courses   12

Historical

BIOL 301	Biology and Society (Mason Core)
COS 301	Great Ideas in Science (Mason Core)
HIST 202	Freshman/Sophomore Seminar in Global History
HIST 378	History of Aviation
HIST 390	The Digital Past (Mason Core)

Medicine and Health

ANTH 363	Humans, Disease, and Death (Mason Core)
ANTH 365	Scientific Racism and Human Variation (Mason Core)
ANTH 381	Medical Anthropology
GCH 205	Global Health (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)
CLIM 101	Global Warming: Weather, Climate, and Society (Mason Core)
EVPP 436	Politics of Climate Change Governance
GGS 307	Geographic Approaches for Sustainable Development
PHIL 243	Global Environmental Ethics (Mason Core)

Science and Technology

ANTH 314	Zombies
ANTH 395	Work, Technology, and Society: An IT Perspective (Mason Core)
COS 400	Problem Solving and Leadership in STEAM
INTS 301	Science in the News (Mason Core)
INTS 348	Digital Futures
IT 304	IT in the Global Economy
PHIL 271	How Science Works (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)	
ANTH 399	Issues in Anthropology	
ENGR 499	Special Topics in Engineering	
GCH 494	Special Topics in Global and Community Health	
GLOA 396	Topics in Global Affairs	
GLOA 400	Global Affairs Capstone (Mason Core)	
GLOA 450	Topics in Global Affairs	
HIST 387	Topics in Global History (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

Retroactive Requirements Updates:

Plan of Study:

Honors Information:

Accelerated Description/Dual

Degree Description:

INTO-Mason Requirements:

College Requirements & Policies:

Department / Academic Unit Requirements & Policies:

Program Outcomes

Additional Program Information

This information is required by the Office of Accreditation and Program Integrity.

Courses offered via distance (if

**Indicate whether
students are able**

**What is the
primary delivery
format for the
program?**

Does any portion of this program occur off-campus?

Off-campus details:

Are you working with a vendor / other collaborators to offer your program?

Please explain:

**Related
Departments**

**Could this program prepare students for any type of professional licensure, in
Virginia or elsewhere?**

Additional SCHEV & SACSCOC Information

Is the content of the new program closely related to that of an existing approved program at
the same instructional level (i.e., baccalaureate, master's, doctoral)?

Which existing approved program(s)?

Is this new program considered to be "advancing the degree level of a currently approved
program" (i.e. existing content is at lower degree level, new content is at the higher degree
level)?

Which existing approved program(s)?

Is this new program considered to be "lowering the degree level of a currently approved
program" (i.e. existing content is at higher degree level, new content is at the lower degree
level)?

Which existing approved program(s)?

Is this a re-opening of a program that was closed to admission within the last five years?

Date of Program Closure

What are the methods of delivery for the program?

Does this program include a course/credit-based competency-based education delivery optic

**Is this change a simple retitling of an existing program, with no other changes, to any existing
program content, curriculum requirements, etc?**

**Does this change represent a repackaging of content in an existing approved
degree/certificate program at the same instructional level (i.e., baccalaureate, master's, or**

doctoral)?

Which existing approved program(s)?

Percentage of total credits containing new course content. ("New course content" is defined by SACSCOC as content that is not currently included in an existing approved degree/certificate program at the same instructional level. Do not exclude gen ed credits in calculations for undergraduate programs.)

Does this change include the addition of a distance education or face-to-face method of delivery for this program?

What is the new method of delivery?

Does this change include the addition of a course/credit-based competency-based education delivery option?

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Minors do not require approval from or review by SACSCOC.

Green Leaf Program Designation

Is this a Green Leaf program?   No

Green Leaf Designation

Sustainability-focused academic programs require at least one green leaf course. Either that course is itself sustainability-focused or else the program requires a set of sustainability-related courses with aggregated

Relationship to Existing Courses

Relationship to Existing Programs

List sustainability-focused courses currently required in the degree

Sustainability-related academic programs either require at least one sustainability-related course or else offer any green leaf course as an option or elective. *

List sustainability-related courses currently required in the degree

Does this program cover material which crosses into another department?

Yes

Impacted Departments

Additional Attachments

[Andalibi support.pdf](#)

[Best support.pdf](#)

[Ardis support.pdf](#)

[Platt support.pdf](#)

[Ball support.pdf](#)

SCHEV Proposal Executive Summary

Reviewer Comments

Additional Comments

Is this course required of all students in this degree program?

%wi_required.eschtml%

Attached Document

Key: 906