

Program Change Request

Date Submitted: 01/11/23 12:01 pm

Viewing: **SSTS : Sustainability Studies Minor**

Last approved: 07/27/22 4:11 pm

Last edit: 01/20/23 2:36 pm

Changes proposed by: ykih

Catalog Pages
Using this Program
[Sustainability Studies Minor](#)

No Longer
Anticipated closure

Rationale for

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

No

Effective Catalog: 2023-2024

Program Level: Undergraduate

Program Type: Minor

Title:
Sustainability Studies Minor

- Approval Criteria
1. What was the process used within your department to review and approve this request?
 2. What evidence was used to identify the need for this change?
 - a. Have you ensured there are no other options available?
 - b. Has CDF confirmed the proposed badge?
 - c. Has the instructor(s) for this badge expressed interest in teaching this course?
 - d. Is there a contact hour minimum?
 - e. Is an assessment required?
 - f. Does this badge provide a benefit for current students?
 5. Is this badge co-sponsored with another organization, program, or department?
 - a. What is the organization, program, or department?
- Forming Criteria

- Course:
- Badge:
- Participants:
- Document:
- Portfolio:
- Presentation:
- Assessment:
- Credential:
- Education

In Workflow

1. ESP UG Committee
2. ESP Chair
3. SC Curriculum Committee
4. SC Associate Dean
5. Assoc Provost- Undergraduate
6. Registrar-Programs

Approval Path

1. 01/11/23 12:01 pm
Younsung Kim (ykih): Approved for ESP UG Committee
2. 01/12/23 4:14 pm
Larry Rockwood (lrockwoo): Approved for ESP Chair

History

1. Nov 15, 2017 by clmig-jwehrheim
2. Feb 22, 2018 by rzachari
3. Mar 14, 2018 by Tory Sarro (vsarro)
4. Jan 9, 2020 by Jennifer Bazaz Gettys (jbazaz)
5. Jul 27, 2022 by Jennifer Bazaz Gettys (jbazaz)

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://cpe.gmu.edu/digitalbadgespricing/> for more information

Estimated Number of Badges Expected to be Issued:

Notes:

- A Mason Digital Credentials Advisory Group may be developed to review

Banner Title: Sustainability Studies Minor

Is this a retitling of an existing program?

Existing Program

Registrar/OAPI Use Only – SCHEV

Registrar’s Office Use Only –

Program Start Term

Registrar/OAPI Use Only – SCHEV

Registrar/OAPI Use Only – SACSCOC Status

Concentration(s):

INTO Major(s):

Registrar/IRR Use Only –

College/School: College of Science

Department / Academic Unit: Environmental Science & Policy

Jointly Owned Program? No

Participating

Participating

Justification

What: A course addition.

Why: EVPP 434 Food-Energy-Water Nexus will be added as an elective course due to its relevance to the minor and to student interest.

Catalog Published Information

Total Credits Required: Total credits: 16

Registrar's Office Use Only - Program Code:
SSTS

Registrar/IRR Use Only – Program CIP Code

Admission Requirements:

Program-Specific Policies:

Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see [AP.5.3.4 Minors](#). For policies governing all undergraduate programs, see [AP.5 Undergraduate Policies](#).

Degree Requirements:

This is a Green Leaf program.

Students should refer to the [Admissions & Policies](#) tab for specific policies related to this program.

Candidates for the minor must complete coursework with a minimum GPA of 2.00.

Core Courses

EVPP 480	Sustainability in Action (Mason Core)	4
INTS 210	Sustainable World (Mason Core)	4
Total Credits		8

Electives

A maximum of two courses from a single department or program can be counted for elective credit. Preapproved courses are listed here and others may be substituted. See the undergraduate coordinator for additional electives.

Select 8 credits from the following:

EVPP 108	Ecosphere - Introduction to Environmental Science I-Lecture (Mason Core)	8
& EVPP 109	and Ecosphere- Introduction to Environmental Science I- Lab (Mason Core)	
EVPP 201	Environment and You: Issues for the Twenty-First Century (Mason Core)	
EVPP 322	Business and Sustainability	

EVPP 336	Human Dimensions of the Environment
EVPP 337	Environmental Policy Making in Developing Countries
EVPP 338	Economics of Environmental Policy
EVPP 355	Ecological Engineering and Ecosystem Restoration
EVPP 361	Introduction to Environmental Policy
EVPP 362	Intermediate Environmental Policy
EVPP 378	RS: Ecological Sustainability (Mason Core)
EVPP 421	Marine Conservation
EVPP 434	Food-Energy-Water-Climate Nexus
BIOL 379	RS: Ecological Sustainability (Mason Core)
CHEM 155	Introduction to Environmental Chemistry I (Mason Core)
CLIM 101	Global Warming: Weather, Climate, and Society (Mason Core)
CLIM 319	Air Pollution
GEOL 305	Environmental Geology
GGS 102	Physical Geography (Mason Core)
GGS 103	Human Geography (Mason Core)
GGS 121	Dynamic Atmosphere and Hydrosphere (Mason Core)
GGS 122	Dynamic Geosphere and Ecosphere
GGS 302	Global Environmental Hazards
GGS 303	Geography of Resource Conservation (Mason Core)
GGS 304	Population Geography (Mason Core)
GGS 307	Geographic Approaches for Sustainable Development
GGS 312	Physical Climatology
or CLIM 312	Physical Climatology
GGS 314	Severe and Extreme Weather
or CLIM 314	Severe and Extreme Weather
PHYS 331	Physics of Renewable Energy
PHYS 385	Materials Science with Applications to Renewable Energy
ANTH 370	Environment and Culture
AVT 385	EcoArt (Mason Core)
CEIE 355	Environmental Engineering and Science
CEIE 401	Sustainable Land Development
CEIE 450	Environmental Engineering Systems
CONS 401	Conservation Theory
CONS 404	Biodiversity Monitoring
CONS 410	Human Dimensions in Conservation (Mason Core)
ECON 105	Environmental Economics for the Citizen (Mason Core)
ECON 335	Environmental Economics
INTS 102	Global Networks and Communities (Mason Core)
INTS 211	Introduction to Conservation Studies (Mason Core)
INTS 311	The Mysteries of Migration: Consequences for Conservation (Mason Core)
INTS 334	Environmental Justice (Mason Core)

<u>INTS 401</u>	Conservation Biology <u>(Mason Core)</u>
<u>INTS 402</u>	Plants and People - Sustenance, Ceremony, and Sustainability
<u>PHIL 343</u>	Topics in Environmental Philosophy <u>(Mason Core)</u>
<u>RMGT 250</u>	Wilderness Travel and Sustainability
<u>RMGT 300</u>	People With Nature
<u>RMGT 402</u>	Human Behavior in Natural Environments
<u>RMGT 501</u>	Introduction to Natural Resources Law
<u>SOCI 320</u>	Globalization and Social Change <u>(Mason Core)</u>
<u>TOUR 340</u>	Sustainable Tourism
<u>USST 301</u>	Urban Growth in a Shrinking World

Total Credits

8

**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 option?

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

Green Leaf Program Designation

Is this a Green Leaf program? Yes

Green Leaf Designation Sustainability-focused 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 substance equivalent to a sustainability-focused course.

Relationship to Existing Courses

Relationship to Existing Programs

List sustainability-focused courses currently required in the degree program:

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?

No

Impacted Departments

Additional Attachments

[Sustainability Studies Minor Catalog Change Request.pdf](#)

SCHEV Proposal Executive Summary

Reviewer Comments

**Additional
Comments**

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

%wi_required.eshtml%

**Attached
Document**

Key: 369