Course Change Request

Date Submitted: 11/13/25 10:15 am

Viewing: EVPP 425 : RS: Ecological Sustainability

Last approved: 03/26/25 6:09 am

Last edit: 11/13/25 10:15 am

Changes proposed by: jbazaz

Catalog Pages referencing this course

Biology (BIOL)
Climate Resilience and Adaptation Minor (ATMS)
Climate Resilience and Adaptation Minor (ESP)
Department of Biology
Department of Environmental Science and Policy

Select modification type:

Substantial

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

No ~~Yes~~

Effective Term: Spring 2026

Subject Code: EVPP - Environmental Science & Policy

Course Number: 425

Bundled Courses:

Is this course replacing another course? Yes

Old Course Number:

EVPP 378 - RS: Ecological Sustainability

In Workflow

1. **ESP UG Committee**
2. **ESP Chair**
3. **SC Curriculum Committee**
4. SC Assistant Dean
5. Assoc Provost-Undergraduate
6. Registrar-Courses
7. Banner

Approval Path

1. 11/13/25 11:12 am Younsung Kim (ykih): Approved for ESP UG Committee
2. 11/13/25 12:50 pm Gad Perry (gperry23): Approved for ESP Chair

History

1. Mar 26, 2025 by Younsung Kim (ykih)

Equivalent Courses: ~~BIOL 379~~ - ~~RS: Ecological Sustainability~~

Catalog Title: RS: Ecological Sustainability

Banner Title: RS: Ecological Sustainability

Will section titles vary by semester? No

Credits: 4

Schedule Type: Lecture w/Lab

Hours of Lecture or Seminar per week: 3

Hours of Lab or Studio per week: 3

Repeatable: May be only taken once for credit, limited to 3 attempts (N3)

Max Allowable Credits: 12

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s): Permission of instructor.

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only): EVPP 301 and EVPP 302

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?
		EVPP 301	C	UG		
And		EVPP 302	C	UG		

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog Description: Introduces the concepts and applications of several important topics relating to ecological sustainability. Focuses on the role of soils in maintaining and managing environmental quality. Teaches students how to understand and interpret scientific data presented in various types of literature covering ecological sustainability.

Justification: What: Removing BIOL 379 equivalency.
Why: To attain the Mason Core Apex designation, the course can't be equivalent to a <400 level course.

Does this course cover material which crosses into another department? No

Learning Outcomes:

The course is to develop critical reading and thinking skills related to a chosen topic in Ecological Sustainability. The study will teach students to build, assess, and monitor the trajectory
2
of environmental changes while applying as well as gaining the knowledge and skills of how to conduct a research project. Two ongoing research themes, Nature-Based Solutions (NBS) and Soil Ecosystem will be emphasized in Spring 2025. The class focuses on the literacy and science of ecological restoration and biogeochemistry for environmental sustainability. Students will gain a decent level of literacy of ecological sustainability (especially in both ecosystem services and biodiversity), and hands-on experience in
conducting a field-based experiment to collect, analyze, and effectively communicate environmental data.

Will this course be scheduled as a cross-level cross listed section? No

Attach Syllabus EVPP 425 Syllabus-AHN 022825.pdf

Additional Attachments

Specialized Course Categories:

Have you reached out to the Libraries to determine whether there are adequate resources to support your course? If not, please email Meg Meiman, Associate University Librarian for Learning, Research, and Engagement at mmeiman2@gmu.edu.

Additional Comments:

Reviewer Comments

Key: 18892