# Course Change Request

Date Submitted: 01/11/23 11:38 am

## Viewing: EVPP 434 : Food-Energy-Water-Climate ~~Food-Energy-Water~~ Nexus

Last approved: 01/08/20 4:42 am

Last edit: 01/20/23 2:31 pm

Changes proposed by: ykih

**Catalog Pages referencing this course**

Department of Environmental Science and Policy

Environmental Science and Policy (EVPP)

**Select modification type:**

**Substantial**

### In Workflow

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

### Approval Path

1. 01/11/23 12:02 pm Younsung Kim (ykih): Approved for ESP UG Committee
2. 01/12/23 4:12 pm Larry Rockwood (lrockwoo): Approved for ESP Chair

### History

1. Jan 8, 2020 by slister1

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

**No** ~~Yes~~

**Effective Term:** Fall 2023

**Subject Code:** EVPP - Environmental Science & Policy **Course Number:** 434

**Bundled Courses:**

**Is this course replacing another course?** No

**Equivalent Courses:**

**Catalog Title:** **Food-Energy-Water-Climate** ~~Food-Energy-Water~~ Nexus

**Banner Title:** **Food-Energy-Water-ClimateNexus** ~~Food-Energy-Water Nexus~~

**Will section titles vary by semester?** No

**Credits:** 3

**Schedule Type:** Lecture

**Hours of Lecture or Seminar per week:** 3

**Repeatable:** May only be taken once for credit, limited to 2 attempts (N2)

**Max Allowable Credits:** 6

**Default Grade Mode:** Undergraduate Regular

**Recommended Prerequisite(s):**
One environmental social science course and 60 credits.

**Recommended Corequisite(s):**

**Required Prerequisite(s) / Corequisite(s) (Updates only):**

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

| And/Or | ( | Course/Test Code | Min Grade/Score | Academic Level | ) | Concurrency? |
|---|---|---|---|---|---|---|
| | | | | | | |

**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:**

Examines resilience and sustainability challenges that involve the **food-energy-water-climate** ~~food, energy water~~ nexus, as well as innovative solutions to these challenges. Discussions bridge multiple disciplines, considering the technological, **ecological,** economic, **institutional,** and **equity** ~~institutional~~ dimensions of the nexus in various places around the globe at local and national scales.

**Justification:**

What: Updating the course title and description.

Why: When the course was created, the term "Food-Energy-Water Nexus" was more well-known, so Food-Energy-Water Nexus was selected as the title, although climate change was the fourth pillar of the course. Since the course's creation, the addition of climate to the nexus concept has become widespread and is of great interest to Mason students. Students have suggested adding "climate" to the course title to more accurately reflect the course focus.

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

**Learning Outcomes:**

1) understand linkages between food, energy and water systems;
2) understand interlinked challenges facing these systems;
3) understand some existing solutions to these challenges;
4) apply existing and new solutions to these challenges;
5) recognize how the parameters for 1-4 vary for different places.

**Attach Syllabus**

EVPP 434_534 Syllabus_rev.pdf

**Additional Attachments**

**Specialized Course Categories:**

**Additional Comments:**

## Reviewer Comments

Key: 16603