Course Change Request

Date Submitted: 12/18/19 10:41 am

Viewing: EVPP 542 : Urban Ecosystems & Processes

Last edit: 12/18/19 10:41 am

Changes proposed by: slister1

Catalog Pages referencing this course	Department of Environmental Science and Policy Environmental Science and Policy (EVPP)
Programs referencing this	SC-MS-EVSP: Environmental Science and Policy, MS

Select modification type:

Substantial

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

No

Effective Term: Fall 2020

Subject Code: EVPP - Environmental Science & Policy **Course Number:** 542

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Urban Ecosystems & Processes

Banner Title: Urban Ecosystems & Processes

Will section titles vary by semester? No

Credits: **3** ~~4~~

Schedule Type: Lecture ~~w/Lab~~

Hours of Lecture or Seminar per week: 3

Repeatable: May only be taken once for credit (NR)
GRADUATE ONLY

Default Grade Mode: Graduate Regular

In Workflow

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

Approval Path

1. 12/18/19 11:24 am A. Alonso Aguirre (aaguirr3): Approved for ESP Chair

Recommended Prerequisite(s):

CHEM 211 ~~and 213; MATH 113~~ or **213 General Chemistry, Math 113 (calculus)** ~~equivalent; BIOL 308~~ or **equivalent, BIOL 307 or** EVPP **302,** ~~302;~~ PHYS 243 **or equivalent,** ~~or~~ permission of instructor.

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):

Include

Limited to students with a class of Senior Plus. (SCRRCLS_ONLY_SP)

Limited to students with a class of Non Degree (SCRRCLS_ONLY_ND)

Limited to students with a class of Advanced to Candidacy. (SCRRCLS_ONLY_DC)

Limited to students with a class of Graduate. (SCRRCLS_ONLY_GR)

Level(s):

Include

Enrollment limited to students with a level of Non-Degree (SCRRLVL_ONLY_ND)

Limited to undergraduate level students. (SCRRLVL_ONLY_UG)

Limited to graduate level students only. (SCRRLVL_ONLY_GR)

Degree(s):

Exclude

Non-Degree Undergraduate Degree students may not enroll. (SCRRDEG_NO_NDU)

School(s):

Catalog Description:

Provides an overview of the challenges and opportunities that urban environments present to the plants and animals inhabiting cities and the ways that those organisms and entire ecosystems respond. Includes

ecosystem ecology for engineered ecosystems, along with reviews of urban metabolism, energy budgets, water cycles, and soil ecology. Students design and conduct a small-scale green infrastructure experiment/project on campus.

Justification:

The reason is to split the four-credit course into two (three-credit lecture and one-credit lab/field) so that the course lecture portion (three-credit) can be listed as a course for the new Graduate Certificate in Environmental and Sustainability Management.

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

Learning Outcomes:

1) A firm grasp of ecological principles for the built environment by studying relevant contemporary issues through peer-reviewed journal articles and other literature;

2) An understanding of ecological processes to create and restore ecosystem services with water, energy, and food and/or;

3) Designing and conducting a small-scale ecological experiment/project on the campus or in local areas throughout the semester with a relevant theme

Attach Syllabus

EVPP 542 syllabus.pdf

Additional Attachments

Specialized Course Categories:

Additional Comments:

Reviewer Comments

Key: 6255