



Environment Corps

This document is from the library of materials assembled for the [E-Corps Online Handbook](#), a section of the [Environment Corps](#) website intended to assist faculty interested in adapting the program model to their own areas of interest and expertise.

Stormwater Corps Practicum Semester Syllabus (Fall 2022)

**UConn Stormwater Corps Practicum Independent Study:
NRE 3699
Fall Semester 2022**

Course and Instructor Information

Instructors:

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Teaching Assistant: Alec Janis

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Office Hours for all Instructors: By appointment (request by email)

Number of Credits: 3 credits

Course Description: Stormwater runoff from impervious surfaces causes both water quality and quantity challenges for CT municipalities. Green Stormwater Infrastructure practices help communities address those problems by seeking to infiltrate stormwater into the ground close to where it falls rather than runoff into the stormwater system. In this independent study, students will apply concepts and methods learned in the Spring Semester 2022 course “Green Stormwater Infrastructure Practices” to conduct stormwater retrofit assessments and regulation reviews for CT municipalities.

Learning Objectives (depending on project type):

- Identifying potential properties for stormwater retrofits
- Assessing properties for opportunities to use Green Stormwater Infrastructure practices to infiltrate stormwater
- Developing recommendations for municipalities for potential stormwater retrofit projects including proper siting, sizing, cost estimates, and impacts on pollutant load reduction
- Professional presentation of recommendations both orally and in written form
- Understanding the constraints and benefits facing municipalities when implementing retrofit projects
- Working effectively on a team project
- Professional communication, project management, and organizational skills
- Assessing land use regulations

Course Requirements

Meeting times to be determined. The Stormwater Corps will meet once per week for one hour with the instructors. We will meet as a group, as well as in individual teams, during this time. Additional meetings or discussions can be set up as needed. Weekly meetings with instructors will focus on student progress towards responsibilities, deliverables and learning objectives. Email will be used as a primary means of communicating with town staff. Timely communication is important!

Students will also need to meet and communicate with team members on a regular basis, participate with team members in online meetings with town staff, and conduct site visits to towns.

Deliverables

Deliverables will include the following for a municipality:

1. Identification and preliminary design of potential sites for stormwater retrofits
2. Review of municipal land use regulations for water quality protection
3. Presentation of recommendations to municipal staff in a virtual/online meeting
4. Written report with recommended designs, impact calculations, and land use regulation review

For team project deliverables: Each student is responsible for completing their fair share of the project work and deliverables. Achievement will be determined by a combination of peer assessment and instructor observation.

Grading of reports and presentations will be based on quality of recommendations, effectiveness in conveying those recommendations, attention to detail in presentations and reports, proper calculations of costs and impacts, and quality of review of land use regulations consistent with the Codes and Ordinances Worksheet.

Student Evaluation

Field visit participation	15%	
Active participation in team meetings		15%
Regulation review participation	15%	
Oral presentation	20%	
Written report (recommendations + regulation review)	20%	
Peer assessment	15%	

Grading for this Independent Study

≥ 92%	A
89 – 91.9	A-
86 – 88.9	B+
82 – 86.9	B
79 – 81.9	B-
76 – 78.9	C+
72 – 75.9	C
69 – 71.9	C-
66 – 68.9	D+
62 – 65.9	D
59 – 61.9	D-
≤ 59	F

Syllabus is subject to change

Student Responsibilities and Resources

As a member of the University of Connecticut student community, you are held to certain standards and academic policies. In addition, there are numerous resources available to help you succeed in your academic work. This section provides a brief overview to important standards, policies and resources. Student Code:

ACADEMIC INTEGRITY

This class assumes that all participants are doing the assignments with integrity. UConn has a policy prohibiting academic misconduct which states: *“Academic misconduct is dishonest or unethical academic behavior that includes, but is not limited, to misrepresenting mastery in an academic area (e.g., cheating), intentionally or knowingly failing to properly credit information, research or ideas to their rightful originators or representing such information, research or ideas as your own (e.g., plagiarism).*

You are responsible for acting in accordance with the [University of Connecticut's Student Code Review](#) and become familiar with these expectations. “I didn’t know” is not an excuse. One of the most common problems in undergraduate classes is plagiarism, which occurs when a student copies, without proper citation intentionally or unintentionally, the ideas or words of another. In particular, make sure you have read the section that applies to you on Academic Integrity:

- [Academic Integrity in Undergraduate Education and Research](#)
- [Academic Integrity in Graduate Education and Research](#)

Plagiarism and other acts of academic dishonesty defeat the purpose of the educational process and shortchange everyone involved. Cheating and plagiarism are taken very seriously at the University of Connecticut. As a student, it is your responsibility to avoid plagiarism. In this class, if you plagiarize, commit or attempt to commit another act of academic dishonesty, you will receive a failing grade for the assignment, risk having your actions reported to the Academic Misconduct Hearing Board, and possibly fail the course. When in doubt, ask a librarian, a writing expert, a graduate student, someone at the Writing Center, or a professor. 5

If you need more information about the subject of plagiarism, use the following resources:

- [Plagiarism: How to Recognize it and How to Avoid It](#)
- [University of Connecticut Libraries' Student Instruction \(includes research, citing and writing resources\)](#)

Policy Against Discrimination, Harassment and Related Interpersonal Violence

The university is committed to maintaining an environment free of discrimination or discriminatory harassment directed toward any person or group within its community – _students, employees, or visitors. Academic and professional excellence can flourish only when each member of our community is assured an atmosphere of mutual respect. All members of the University community are responsible for the maintenance of an academic and work environment in which people are free to learn and work without fear of discrimination or discriminatory harassment. In addition, inappropriate amorous relationships can undermine the University's mission when those in positions of authority abuse or appear to abuse their authority. To that end, and in accordance with federal and state law, the University prohibits discrimination and discriminatory harassment, as well as inappropriate amorous relationships, and such behavior will be met with appropriate disciplinary action, up to and including dismissal from the University. Additionally, to protect the campus community, all non-confidential University employees (including faculty) are required to report sexual assaults, intimate partner violence, and/or stalking involving a student that they witness or are told about to the Office of Institutional Equity. The University takes all reports with the utmost seriousness. Please be aware that while the information you provide will remain private, it will not be confidential and will be shared with University officials who can help. More information is available at equity.uconn.edu and titleix.uconn.edu.

The University of Connecticut is committed to protecting the rights of individuals with disabilities and assuring that the learning environment is accessible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately so that we can discuss options. Students who require accommodations should contact the Center for Students with Disabilities, Wilbur Cross Building Room 204, (860) 486-2020 or <http://csd.uconn.edu/>.