

SOIL 368/568 – URBAN SOILS

SYLLABUS

Instructor

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TNR 278 (office hours: by appointment)

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Catalog description

2 cr. Learn importance, distinguishing characteristics, ecosystem services, and management of urban soils. Prerequisites: none.

Course overview

This course is for undergraduate and graduate students interested in urban soils. This course can be taken on-line and/or in-person. This is an 8-week course that includes asynchronous on-line lectures and a weekly synchronous in-person and/or on-line discussion. The course also includes a final project which can be an in-person (soilSHOP) or on-line (poster). The course will cover introduction, ecosystem services, properties, classification, and management of urban soils.

Course learning outcomes

1. Students will learn about ecosystem services of urban soils.
2. Students will learn about the properties of urban soils.
3. Students will learn about the classification of urban soils.
4. Students will learn about the management of urban soils.

Evaluation

Students will be evaluated on their achievement of the four learning outcomes. Grading will be based upon quality of work with components weighted as follows (100 points total).

- Introduction and ecosystem services of urban soils (Quiz 1) 20 points
- Properties of urban soils (Quiz 2) 20 points
- Classification of urban soils (Quiz 3) 20 points
- Management of urban soils (Quiz 4) 20 points
- Urban soil poster (online) OR soilSHOP participation (in-person) 20 points
- Total 100 points

Grading scale

A = 93-100; A- = 90-92; B+ = 87-89; B = 83-86; B- = 80-82; C+ = 77-79; C = 73-76; C- = 70-72; D+ = 67-69; D = 60-66; F = <60

Graduate Credit

Students enrolled in Soil 568 will meet with instructor during the first week of the course. The instructor and student will design additional activities to be completed by the graduate student for fulfillment of the requirements for graduate credit.

Textbook and readings

No textbook is required for this course. Required readings for the course will be placed on the course website.

Lecture

Lectures for this course will be delivered on-line and asynchronous. It is your responsibility to perform the readings, review the lecture materials, and complete the quizzes.

Discussion

A discussion session will meet weekly on Tuesdays at 1300-1350 in TNR255. The discussion session will meet in-person in TNR255, but will also include an option to join virtually via zoom. The discussion session will focus on questions, comments, or concerns from the lecture topics. The discussion session will also include planning activities for the soilSHOP event.

Schedule

DATE	WK	LECTURE TOPIC
3/26	1	Introduction Ecosystem Service of Urban Soils
4/2	2	Properties of Urban Soils
4/9	3	Properties of Urban Soils
4/16	4	Classification of Urban Soils
4/23	5	Classification of Urban Soils
4/30	6	Management of Urban Soils
5/7	7	Management of Urban Soils
5/14	8	soilSHOP

Instructor Feedback

Your opinions matter. I am always willing to hear your thoughts on the course content and my teaching methods. Please feel free to provide feedback to me at any time and using whatever methods you are most comfortable with. Student feedback will be solicited throughout the semester to improve the course and my teaching.

Commitment to Integrity

As a student in this course (and at this university) you are expected to maintain high degrees of professionalism, commitment to active learning and participation in this class, and also integrity in your behavior in and out of the classroom. You must adhere to the UWSP academic honesty policy and procedures and disciplinary procedures will be enacted for those not in compliance.

Emergency procedures

In the event of a medical emergency, call 911 or use the red emergency phones located throughout the campus. Offer assistance if trained and willing to do so. Guide emergency responders to victim. In the event of a tornado warning, proceed to the lowest level interior room without window exposure. Avoid wide-span rooms and buildings. In the event of a fire alarm, evacuate the building in a calm manner and meet outside the building. Notify instructor or emergency command personnel of any missing individuals. In the event of an active shooter, run, escape, hide and fight. If trapped hide, lock doors, turn off lights, spread out and remain quiet. Follow instructions of emergency responders. See UW-Stevens Point Emergency Management Plan at www.uwsp.edu/rmgt for details on all emergency response at UW-Stevens Point.

Special Accommodations

If you have a documented disability and verification from the Disability and Assistive Technology Center and wish to discuss academic accommodations, please contact your instructor as soon as possible. It is the student's responsibility to provide documentation of their disability to Disability Services and meet with a Disability Services counselor to request special accommodation before classes start. The Disability and Assistive Technology Center is located in 609 Albertson Hall and can be contacted by phone at (715) 346-3365 (Voice) (715) 346-3362 (TDD only) or via email at datctr@uwsp.edu. UW-Stevens Point will modify academic program requirements as necessary to ensure that they do not discriminate against qualified applicants or students with disabilities. The modifications should not affect the substance of educational programs or compromise academic standards; nor should they intrude upon academic freedom. Examinations or other procedures used for evaluating students' academic achievements may be adapted. The results of such evaluation must demonstrate the student's achievement in the academic activity, rather than describe his/her disability. If modifications are required due to a disability, please inform the instructor and contact the Disability and Assistive Technology Center in 609 ALB, or (715) 346-3365.

Unauthorized Sharing of Course Materials

Lecture materials, recordings, and lab manuals for this course are protected intellectual property at UW-Stevens Point. Students in this course may use the materials and recordings for their personal use related to participation in this class. Students may also take notes solely for their personal use. If a lecture is not already recorded, you are not authorized to record my lectures without my permission unless you are considered by the university to be a qualified student with a disability requiring accommodation. [Regent Policy Document 4-1] Students may not copy or share lecture materials and recordings outside of class, including posting on internet sites or selling to commercial entities. Students are also prohibited from providing or selling their personal notes to anyone else or being paid for taking notes by any person or commercial firm without the instructor's express written permission. Unauthorized use of these copyrighted lecture materials and recordings constitutes copyright infringement and may be addressed under the university's policies, UWS Chapters 14 and 17, governing student academic and non-academic misconduct.

UWSP Academic Honesty Policy & Procedures

Student Academic Disciplinary Procedures

UWSP 14.01 Statement of principles

The board of regents, administrators, faculty, academic staff and students of the university of Wisconsin system believe that academic honesty and integrity are fundamental to the mission of higher education and of the university of Wisconsin system. The university has a responsibility to promote academic honesty and integrity and to develop procedures to deal effectively with instances of academic dishonesty. Students are responsible for the honest completion and representation of their work, for the appropriate citation of sources, and for respect of others' academic endeavors. Students who violate these standards must be confronted and must accept the consequences of their actions.

UWSP 14.03 Academic misconduct subject to disciplinary action

(1) Academic misconduct is an act in which a student:

- a) Seeks to claim credit for the work or efforts of another without authorization or citation;
- b) Uses unauthorized materials or fabricated data in any academic exercise;
- c) Forges or falsifies academic documents or records;
- d) Intentionally impedes or damages the academic work of others;
- e) Engages in conduct aimed at making false representation of a student's academic performance; or
- f) Assists other students in any of these acts.

(2) Examples of academic misconduct include, but are not limited to: cheating on an examination; collaborating with others in work to be presented, contrary to the stated rules of the course; submitting a paper or assignment as one's own work when a part or all of the paper or assignment is the work of another; submitting a paper or assignment that contains ideas or research of others without appropriately identifying the sources of those ideas; stealing examinations or course materials; submitting, if contrary to the rules of a course, work previously presented in another course; tampering with the laboratory experiment or computer program of another student; knowingly and intentionally assisting another student in any of the above, including assistance in an arrangement whereby any work, classroom performance, examination or other activity is submitted or performed by a person other than the student under whose name the work is submitted or performed.