Urban sustainability is a hot topic today. Pursuing a sustainable or green future is one of the major agendas of many cities and places around the world. But approaches to sustainability adopted by different cities vary dramatically. What types of sustainable practices have been employed so far? How can such practices be transferred and implemented under different circumstances? Have they reached the desired goals of urban sustainability? This course introduces the concept of sustainable urban development, explores applied urban sustainable practices, and presents a framework for the assessment of such practices against their original goals. The course takes a systematic approach with an angle from the physical design perspective. International practices are also explored in depth.

The course is aimed at helping students understand up-to-date sustainable development ideas in the US and around the world, get familiar with practical
methods of planning and designing cities in a sustainable fashion, and build up their capacity to evaluate real world practices against their goals and objectives at departure.

Course Website
The course website is located on the University of Oregon's Canvas system (https://canvas.uoregon.edu). The class syllabus, announcements and other materials will be posted on the course website. Please check the course website frequently for updates. In addition, make sure that the University registrar has your correct email address. The instructor will use this email address to communicate with you.

Required Reading
There are two required textbooks for this class. They are available at the University bookstore.

• Adam Ritchie and Randall Thomas (editors). *Sustainable Urban Design: An Environmental Approach*. London; New York: Taylor & Francis, 2009. (a copy is on reserve in Knight Library)

In addition to the textbooks above, following readings are recommended (most of them are available on the course website):


Class Format
This is a seminar course. Lectures, class discussions, video materials, and guest speakers will be combined in this course.

Students are expected to have read all of the assigned materials before the class and engage actively in class discussions. For class discussions, graduate students will be designated discussion leaders for the assigned readings. Discussion leaders should summarize the main points of the reading materials and offer an informed critique that can lead to further elaboration and discussion by other members of the class.
Discussion leaders should prepare a short summary of the reading materials and a set of discussion questions and send to the entire class at least one day prior to the class.

Class Evaluation
Undergraduate Students (PPPM 442)
- Class participation: attendance, discussion, random quizzes (30%)
- Short essay. Using cases in the text books as references, write a short essay on sustainable practices of a city or municipality not described in the text books and reading materials. This is not limited to US cities. About 1,500 words and relevant pictures are encouraged (15%)
- Essay presentation. Present the sustainable practices written in your essay (5%)
- Final exam (take home) (50%)

Graduate Students (PPPM 542)
- Class participation: attendance, discussion, random quizzes (20%)
- Discussion leader (10%)
- Short essay. Using cases in the text books as references, write a short essay on sustainable practices of a city or municipality not described in the text books and reading materials. This is not limited to US cities. About 1,500 words and relevant pictures are encouraged (10%)
- Essay presentation. Present the sustainable practices written in your essay (5%)
- Final exam (take home) (35%)
- Term paper (20%): Write on Portland’s practice on urban sustainability and then provide a critical assessment. 10 pages double-spaced, not including pictures.

Classroom Environment
In order to create a classroom in which students are comfortable expressing their opinions and perspectives, the students are asked to approach the readings and others’ contributions with both an open mind and a willingness to question one’s own assumptions and biases.

Professional Practice
Students are expected to behave in a professional manner at all times.
- Students should treat each other and the instructor with the professional courtesy and respect expected in a workplace.
- All communications relating to this course and all work turned in for this course should reflect professional standards in tone, presentation, formatting, and spelling.
- The classroom is a place of focused learning. This requires that students arrive on time, stay until the end of the class period, do not disrupt the class by leaving the room temporarily, and refrain from non-learning
activities. Students who fail to adhere to these guidelines will be asked to leave for the remainder of the class session.

- All course assignments are expected to be completed using a word processor.
- You will also be required to use PowerPoint for a presentation at the end of the term on your essay.

**Course Workload**
A general rule of thumb for the expected workload for a graduate level class is approximately 3-4 hours/week per credit hour. Thus, a four credit course will require approximately 12-16 hours of effort per week. Our class meets for three hours each week, so students should expect to spend an additional 9 to 13 hours per week studying for this course.

**Documented Disabilities**
Students who have a documented disability and anticipate needing accommodations in this course should make arrangements to see the instructor as soon as possible. They should also request that the Counselor for Students with Disabilities send a letter verifying the disability.

**Email**
All emails will be responded within 48 hours of receiving them. Make sure that you have reviewed course website and the syllabus prior to sending a note about course logistics. Please do not send emails if you need to miss a class for a routine matter, like a doctor appointment or job interview.

**Late Assignment Policy**
If you are unable to make it to class on the day an assignment is due, you may email your assignment to the instructor prior to the class time that assignment is due. Late assignments receive only partial credit. If an answer key is posted to the website, however, no late homework assignments are accepted (no credit).

**Missed Class Policy**
If you miss a class, inform the instructor prior to the class if possible and later provide acceptable proof to the instructor per University policies. Without any proof, your absence cannot be excused and will negatively affect your final grades. Please also arrange to get class notes from a classmate.

**Incomplete Policy**
Students are expected to behave in a professional manner and to turn in all materials at the designated time. In accordance with university regulations, an incomplete will only be given when “the quality of work is satisfactory but a minor yet essential requirement of the course has not been completed for reasons acceptable to the instructor.” If a student receives an Incomplete for grade, he/she will be required to complete the work within three months from the last day of the final examinations of the current term.
Academic Misconduct
You are expected at all times to do your own work. Copying content from other students and submitting it as your own work is grounds for failing the class. The University Student Conduct Code (available at conduct.uoregon.edu) defines academic misconduct. Students are prohibited from committing or attempting to commit any act that constitutes academic misconduct. By way of example, students should not give or receive (or attempt to give or receive) unauthorized help on assignments or examinations without express permission from the instructor.

Plagiarism
Students should properly acknowledge and document all sources of information (e.g. quotations, paraphrases, ideas) and use only the sources and resources authorized by the instructor. If there is any question about whether an act constitutes academic misconduct, it is the students’ obligation to clarify the question with the instructor before committing or attempting to commit the act. Additional information about common forms of academic misconduct and plagiarism is available at www.libweb.uoregon.edu/guides/plagiarism/students.

Inclusion Statement
The School of Architecture and Allied Arts is a community that values inclusion. We are committed to equal opportunities for all faculty, staff and students to develop individually, professionally, and academically regardless of ethnicity, heritage, gender, sexual orientation, ability, socio-economic standing, cultural beliefs and traditions. We are dedicated to an environment that is inclusive and fosters awareness, understanding, and respect for diversity. If you feel excluded or threatened, please contact your instructor and/or department head. The University Bias Response Team is also a resource that can assist you. Find more information at their website at http://bias.uoregon.edu/index.html or by phoning 541-346-2037.

Weekly Schedule

Week 1: Introduction: course overview and basic concepts of sustainable urban development
- Matthew Slavin (editor). Chapter 1 in Sustainability in America's Cities
- Ritchie and Thomas (editors). Chapter 1 in Sustainable Urban Design
- Video/guest speaker: TBA

Week 2: Sustainable urban structure and land use
- Matthew Slavin (editor). Chapter 3 in Sustainability in America’s Cities
- Ritchie and Thomas (editors). Chapter 2 in Sustainable Urban Design
• Video/guest speaker: TBA

Week 3: Transportation system and TOD
• Matthew Slavin (editor). Chapter 6 in Sustainability in America's Cities
• Ritchie and Thomas (editors). Chapter 3 in Sustainable Urban Design
• Video/guest speaker: TBA
*** 1/18: Martin Luther King Jr. Day. No class.

Week 4: Green energy
• Matthew Slavin (editor). Chapter 7 in Sustainability in America's Cities
• Ritchie and Thomas (editors). Chapter 6 in Sustainable Urban Design
• Video/guest speaker: TBA

Week 5: Urban waste and storm water management
• Matthew Slavin (editor). Chapter 8 in Sustainability in America's Cities
• Ritchie and Thomas (editors). Chapters 8 and 9 in Sustainable Urban Design
• Video/guest speaker: TBA

Week 6: Green buildings
• Matthew Slavin (editor). Chapter 5 in Sustainability in America's Cities
• Ritchie and Thomas (editors). Chapter 5 in Sustainable Urban Design
• Video/guest speaker: TBA

Week 7: Open space and park systems
• Matthew Slavin (editor). Chapter 9 in Sustainability in America's Cities
• Ritchie and Thomas (editors). Chapter 4 in Sustainable Urban Design
• Video/guest speaker: TBA
*** Essay due by the beginning of the 2/17 class

Week 8: Political institutional framework and public participation as supports to sustainable development
• Connie P. Ozawa (editor). Chapters 1 and 4 in The Portland Edge
• Video/guest speaker: TBA

Week 9: Evaluating sustainable practices
• Peter S. Brandon and Patrizia Lombardi. Chapters 1, 2, 4 in Evaluating Sustainable Development in the Built Environment.
• Video/guest speaker: TBA

Week 10: Presentations
*** Term paper due by the beginning of the last class (3/9)
*** Final exam questions will be distributed through email right after the last class (3/9). Due one week later (by 11:59pm of 3/16).

Week 11: Final examinations