

**Fall 2021**

**URP 6645/4640 Sustainable Urbanism in Europe**

Dr. Christopher Silver, FAICP

Dr. Kathryn Frank

Department of Urban and Regional Planning

Email: [silver2@ufl.edu](mailto:silver2@ufl.edu); [kifrank@ufl.edu](mailto:kifrank@ufl.edu)

Phone: Silver: 352-283-410 (cell); Frank: 352-275-8973

**Course Description:**

European cities are celebrated for their livability as compared to cities in all regions in the world. Planners typically point to factors unique in European cities, such as: the blend of the new and the historic, the walkability of these places when contrasted with counterparts in North and South America and Asia, the efficiency of European urban transportation systems, the careful utilization of land in European cities to support higher population densities without sacrificing amenities, their environmental amenities, and for accommodating an increasing diverse population. At the same time, European cities confront challenges of a high cost living, serious unemployment in certain regions, aging infrastructure, and the challenges associated with their experiment with regional integration. It is the regional integration experiment and the increasing interconnectedness of Europe's cities that makes it especially important to better understand the diverse policies that are defining city development in one of the most urbanized regions of the world. There are challenges to be understood but also models of intervention to be explored and perhaps emulated to help plan more sustainable urbanism on a global scale.

**Course Structure:**

This course will explore the diverse urban places that make up modern Europe through a three-pronged approach. The first section examines the historical development of cities in Europe, beginning with the urbanization process initiated during the Roman Empire. It gives particular attention to the development processes of the 17th through the early 20th centuries. In many respects this was the period during which Europe exported its urban model to all parts of the globe through colonialism. European city planners also devised models to guide urban change that had enormous global impact and are important to understand as a basis of the modern city. It examines the impact of two world wars (destruction and rebuilding), the post-colonial, Cold War and post-Cold War period from the standpoint of their impact on select cities as a prelude to the establishment of the European Union. While this section will touch upon Europe as a whole, it will rely necessarily on select urban cases to illuminate the broader development processes.

The second section of the course examines the challenges and accomplishments of urbanization in Europe over the past several decades. It explores the national and local planning processes that affect the development of individual cities to understand how Europe manages change. It examines select cities to demonstrate the range of strategies related to land development, provision of housing, commercial development, preservation of open space and landscape planning, financing basic services, transportation planning and its relationship to urban functions, and the broad area of economic development efforts that have kept European cities vital places. European nations have engaged in some unique approaches to regional development (e.g. managing waterways that traverse multiple nations and cities) that offer useful lessons as well.

The final section of the course will consider the current condition and challenges of cities in Europe from the standpoint of models of sustainable development. This section moves beyond the case studies *per se* to evaluate the effectiveness of various policies, interventions and plans from the standpoint of key components of the sustainability agenda. This includes such issues as energy consumption, utilization of resources, ensuring greater livability to a broader segment of the population, and adaptation to the regional integration standards advanced under the banner of the European Union.

**Course Objectives:**

- Describe the historical development of sustainable urban spaces in Europe
- Gain understanding of the theoretical foundations of sustainable planning
- Gain mastery of specific planning strategies used by planners to enhance the livability of cities in Europe
- Describe the challenges and accomplishments of urbanization in Europe with a particular focus on the past half-century
- Evaluate the effectiveness of various policies, interventions and plans from the standpoint of key outcomes of sustainable urbanism in the areas of land use, mobility, urban design, public health, energy consumption, environmental qualities, economic development and governance
- Produce a case study that critically assesses sustainability policies, initiatives and outcomes in a select European city

**Texts:**

Beatley, Timothy, ed., *Green Cities of Europe*. Washington, DC: Island Press, 2012

Additional reading will be accessed through the Canvas site: <http://elearning.ufl.edu>

European Union Regional Policy, *Promoting Sustainable Urban Development in Europe*. 2009. Full text [http://ec.europa.eu/regional\\_policy/sources/docgener/presenta/urban2009/urban200...](http://ec.europa.eu/regional_policy/sources/docgener/presenta/urban2009/urban200...)

**Case Study Project:**

Students will select one of the cities featured in Beatley (2012), or another notable European city dealing with sustainability, to pursue a research project. The chapters provide information about some of the leading sustainability initiatives underway in select cities at of the time that Beatley's authors prepared their chapters. The purpose of your work is to explore other possible sustainability initiatives in that city, to bring up-to-date efforts that were covered in the chapter (or in other published works on that city), and to critically assess the conclusions on overall sustainability efforts. If you choose another city beyond the selections in Beatley, be sure to include some more general background concerning its earlier efforts to promote sustainability. The report should be prepared as a 10-15 page paper, typed, and including references to the sources used for the analysis. A brief power point, with illustrations, should accompany the paper. The overall project is worth 30 % of the course grade, with 10% for the power point and 20% for the paper. By October 5, please inform me which city you have selected for the case study project.

**Examinations:**

There will be two examination in the course, a mid-term and a final examination, both of which are take home examinations. More information on the test format will be provided in class.

**Course Grading:**

Mid-term examination = 20%

Final examination = 20%

Discussion posts = 30% (these will be set up on the Canvas site)

Case Study Project = 30%

**Grading Scale:**

100-93 = A

92-90 = A-

89-87 = B+

86-83 = B

82-80 = B-

79-77 = C+

76-73 = C

72-70 = C-

69-67 = D+

66-63 = D

61-62 = D-

Below 60 = E

Requirements for class attendance and assignments and other work in this course and their impact on grades are consistent with university policies that can be found at:

<https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

**Course Evaluation:**

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/publicresults/>.

### **Attendance Policy, Class Expectations, and Make-Up Policy:**

This course will be delivered on a hybrid model, including online and face-to-face meetings. The schedule of classes is listed below indicating face-to-face and virtual class meetings. There is no specific attendance policy, except to encourage all students to regularly engage with the course modules by the dates specified below and to submit discussion posts no later than the final due dates. If completion of the examinations, discussion posts, and class projects are hampered by unforeseen circumstances (illness, technology problems, or other personal circumstances), the instructor needs to be informed as soon as possible before (or immediately following) the missed due date. This will enable preparation of a plan to make-up the missed assignments. Failure to complete the work based upon the agreed upon make-up plan will be factored into the grade for that assignment. Not doing it at all will mean 0% for that portion of the course. University Policy on attendance can be found at the following link:

<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

### **Students requiring accommodations:**

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

### **Student Honor Code:**

Preamble: In adopting this Honor Code, the students of the University of Florida recognize that academic honesty and integrity are fundamental values of the University community. Students who enroll at the University commit to holding themselves and their peers to the high standard of honor required by the Honor Code. Any individual who becomes aware of a violation of the Honor Code is bound by honor to take corrective action. Student and faculty support are crucial to the success of the Honor Code. The quality of a University of Florida education is dependent upon the community acceptance and enforcement of the Honor Code.

### **The Honor Pledge:**

We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied:

"On my honor, I have neither given nor received unauthorized aid in doing this assignment."

(a) Plagiarism. A student shall not represent as the student's own work all or any portion of the work of another. Plagiarism includes but is not limited to: 1. Quoting oral or written materials including but not limited to those found on the internet, whether published or unpublished, without proper attribution. 2. Submitting a document or assignment which in whole or in part is identical or substantially identical to a document or assignment not authored by the student.(b) Unauthorized Use of Materials or Resources ("Cheating"). A student shall not use unauthorized materials or resources in an academic activity.

Unauthorized materials or resources shall include: Any paper or project authored by the student and presented by the student for the satisfaction of any academic requirement if the student previously submitted substantially the same paper or project to satisfy an academic requirement and did not receive express authorization to resubmit the paper or project. 2. Any materials or resources prepared

by another student and used without the other student's express consent or without proper attribution to the other student.3. Any materials or resources which the faculty member has notified the student or the class are prohibited.4. Use of a cheat sheet when not authorized to do so or use of any other resources or materials during an examination, quiz, or other academic activity without the express permission of the faculty member, whether access to such resource or materials is through a cell phone, PDA, other electronic device, or any other means. (c) Prohibited Collaboration or Consultation. A student shall not collaborate or consult with another person on any academic activity unless the student has the express authorization from the faculty member. 1. Prohibited collaboration or consultation shall include but is not limited to: a. Collaborating when not authorized to do so on an examination, take-home test, writing project, assignment, or course work. b. Collaborating or consulting in any other academic or co-curricular activity after receiving notice that such conduct is prohibited. c. Looking at another student's examination or quiz during the time an examination or quiz is given. Communication by any means during that time, including but not limited to communication through text messaging, telephone, e-mail, other writing or verbally, is prohibited unless expressly authorized. It is the responsibility of the student to seek clarification on whether or not use of materials or collaboration or consultation with another person is authorized prior to engaging in any act of such use, collaboration or consultation. If a faculty member has authorized a student to use materials or to collaborate or consult with another person in limited circumstances, the student shall not exceed that authority. If the student wishes to use any materials or collaborate or consult with another person in circumstances to which the authority does not plainly extend, the student shall first ascertain with the faculty member whether the use of materials, collaboration or consultation is authorized.

### **Software Use:**

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

### **Student Privacy:**

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see the [Notification to Students of FERPA Rights](#).

### **Campus Resources:**

#### **Health and Wellness**

##### **U Matter, We Care:**

If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) or 352 392-1575 so that a team member can reach out to the student.

**Counseling and Wellness Center:** [counseling.ufl.edu/cwc](http://counseling.ufl.edu/cwc), and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

##### **Sexual Assault Recovery Services (SARS)**

Student Health Care Center, 392-1161.

**University Police Department** at 392-1111 (or 9-1-1 for emergencies), or [police.ufl.edu](http://police.ufl.edu).

## Academic Resources

[E-learning technical support](#), 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu.

[Career Resource Center](#), Reitz Union, 392-1601. Career assistance and counseling.

[Library Support](#), Various ways to receive assistance with respect to using the libraries or finding resources.

[Teaching Center](#), Broward Hall, 392-2010 or 392-6420. General study skills and tutoring.

[Writing Studio](#), 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.

[Student Complaints Campus](#)

[On-Line Students Complaints](#)

### Class Schedule/Readings/Topics:

#### Module 1 August 23- September 1

Course Introduction, Introduction to Sustainability and Urbanism Concepts in European Context

Read: Beatley (2012), Chapter 1, "Introduction: Why Study European Cities?"; Douglas Farr, "Sustainable Urbanism: The Grand Unification," p. 41-59, in Farr, *Sustainable Urbanism: Urban Design With Nature* (Wiley, 2008); Robert Doppelt, "The Gift," p. 1-13, in Doppelt, *The Power of Sustainable Thinking* (Earthscan, 2009); European Union Regional Policy, *Promoting Sustainable Urban Development in Europe*, 2009 (available online)

Power point, "Emerging Trends in Sustainable Development"

#### Module 2 September 8 - 15

Historical Antecedents of European Sustainable Urbanization

Read: Joseph and Frances Gies, *Life in a Medieval City* (1969), p. 23-31; Mervyn Miller, "The Origins of the Garden City Residential Neighborhood," p. 99-130, in Parsons and Schuyler, eds., *From Garden City to Green City: The Legacy of Ebenezer Howard* (Johns Hopkins U. Press, 2002); Ian Mell, "The Antecedents of Green Infrastructure: Olmsted, Howard and Beyond," in Mell, I. *Global Green Infrastructure* (Routledge, 2016), p. 17-41.

Power point, "Historical Perspective on European Cities"

#### Module 3 September 20 - 29

Components of Contemporary European Urban Systems – Land Use, Urban Form and Environment

Read: Beatley (2012), Chapters 2 and 5.

Power points, "Spatial Planning in the Netherlands" and "Land Development in Europe"

Case Study: Select city by October 5 (send email to instructor)

Module 4 October 4 – 13

Components of Contemporary European Urban Systems – Transportation

Read: Beatley (2012), Chapters 3 and 4, Beatley (2000), Chapter 4, “Transit Cities: Public Transport Innovations and Priorities” and Chapter 5, “Taming the Auto: The Promise of Car-Free Cities”

Power points, “Urban Transportation in Europe” and “Cars and Bikes in European Cities”  
“Green Buses for European Cities,” <https://www.youtube.com/watch?v=K5pwoDkuWeA>

Mid-term examination distributed October 13; due October 20

Module 5 October 25 – November 3

Components of Contemporary European Urban Systems –Central City

Preservation/Revitalization/Residential Areas

Read: Beatley (2012), Chapter 6; Venice discussion

Power point, “City Center in the Sustainable City”

Module 6 November 8 - 17

Toward the Sustainable City – Ecology Considerations/ Energy Needs and Approaches

Read: Beatley (2012), Chapter 7; Alexander Garvin, “Greening Cities: A Public Realm Approach,” p. 60-83, in Birch and Wachter, eds., *Growing Greener Cities: Urban Sustainability in the Twenty-First Century* (University of Pennsylvania Press, 2008); Mell, “Green Infrastructure Development in Paris (France) and Milan (Italy), in Mell, *Global Green Infrastructure*, p. 108-129

Power point, “Ecological Components in European Cities”

Module 7 November 22 – December 1

Toward the Sustainable City – Green Governance/Economic Development

Read: Beatley (2012), Chapter 8

Power point, “Economics and Governance for Sustainability in European Cities”

Module 8 December 6 – 8 Green Cities of Europe as Global Models

Read: Beatley (2012), Chapter 9

Case Study paper and power point due December 10

Final examination due December 16