PLAN 714 Urban Spatial Structure
FALL 2018

Instructor:
T. William Lester
Lecture: Mondays and Wednesdays 2:30-3:45pm
Office Hours:
Mondays: 12:30pm-1:30pm
Tuesdays 10:15am-11:45am
thomaswlester.youcanbook.me
Office: NE 320
twlester@unc.edu

Teaching Assistant:
Matt Wilson
mwilson2@live.unc.edu
Office Hours: Weds 1pm-2pm
Location: NE 404
Recitation: Fridays 9:00am-10:00am
Lab: Fridays 10:00am – 11:00am

COURSE DESCRIPTION
This course will provide planning students a foundational understanding of how cities work. By its nature this course will cut across all major fields within planning and will introduce the major theories, models, and methodological approaches that planners use to explain the function and structure of urban areas. While this course concentrates on positive behavioral theories that explain the actions of residents and forms that determine the spatial dynamics of regions, it also draws on structural and institutional theories of urban change. This course also covers the history of planning interventions to shape the built environment from the late 19th century to today.

PLAN 714 is organized in four parts. The first covers the history of urbanization—from early origins to the contemporary economic and demographic trends—and presents an overview of urban spatial structure over time viewed through the lens of both housing policy and major infrastructure investments. The second part covers the essential theoretical tools that explain the location of population and employment across space, which in turn influences the spatial and economic relationships between regions. The third section focuses on intra-regional spatial structure and presents the basic theories of land use, land rent, and neighborhood change. These theories are an essential introduction to land use and environmental planning. The final section seeks to put the theory and history presented thus far to the test in understanding and responding to a critical issue that cuts across nearly all aspects of planning practice today: rising social and spatial inequality at the urban and regional scales.

The topics covered in this course are essential for understanding the forces that have shaped the development of modern metropolitan areas. They also constitute a basis for defining and understanding the role of planners. The focus of the course is primarily the United States, although we will also focus attention on the challenges of urbanization in the developing world.
OBJECTIVES
By the end of this course, students should be able to:

- Identify and assess the importance of major social, political, and economic forces that have shaped urban spatial development of cities in the U.S. and elsewhere.
- Understand descriptive and prescriptive approaches for examining urban form and function.
- Formulate and evaluate current policy and planning challenges affecting U.S. urban areas.
- Understand the major historical epochs in planning and the ways they attempted to shape the design and function of cities.
- Have a broad understanding of planning issues outside a student’s specialization area.
- Formulate questions for in-depth exploration in subsequent courses and research.

COURSE FORMAT
The course is organized around two weekly lectures, class discussions, and skill building recitations and labs. Although the course is large, participation and discussion is expected and required. Students should complete the readings for a given session before coming to class on that day.

Students are expected to attend and participate during class meetings. Beyond the weekly reading, the coursework consists of two individual assignments and three group assignments and a final presentation. The group assignments are a critical part of the course (comprising 45% of your overall grade) and will require you to draw upon and analyze a wide variety of planning datasets. You will be assigned to one group for the entire semester and all team members are expected to pull their own weight and contribute to the group in a positive manner. As such 5% of your grade will be based on the feedback given to the instructor by your peers. A final presentation will be given during the final exam week, and is tentatively scheduled for 4pm on Friday December 8th.

COURSEWORK OVERVIEW AND GRADING ALLOCATION

<table>
<thead>
<tr>
<th>Individual assignment 1</th>
<th>Short answer problem set</th>
<th>15%</th>
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<tbody>
<tr>
<td>Individual assignment 2</td>
<td>Equitable Development Policy Memo</td>
<td>15%</td>
</tr>
<tr>
<td>Group assignment 1</td>
<td>Tracking your region</td>
<td>15%</td>
</tr>
<tr>
<td>Group assignment 2</td>
<td>Tracking your region</td>
<td>15%</td>
</tr>
<tr>
<td>Group assignment 3</td>
<td>Tracking your region</td>
<td>15%</td>
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<tr>
<td>Peer assessment</td>
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<td>5%</td>
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<tr>
<td>Final Presentation</td>
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<td>20%</td>
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Grades for the course will be assigned as follows:

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<tr>
<th></th>
<th>100 - 90</th>
<th>89 - 75</th>
<th>74 - 60</th>
<th>59 - 0</th>
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A website has been created for the data sources you might need in your group assignments. The URL is also available through the Sakai site for this course.

In fairness to all students, no late assignments will be accepted without a written medical excuse from your doctor and a proposed new deadline. Also, once set, I cannot alter the presentation date. It is not flexible, so please make your travel plans and other commitments accordingly.
**Recitations and Lab**
Recitations related to group and individual assignments will be scheduled on a regular basis. Recitation periods will consist of critical demonstrations of databases and analytical techniques.

Lab times will be used to learn and develop new software skills to construct spatial models in support of data analysis. Additional time will be spent as a Studio to work through practical problems associated with your assignments under the guidance of the TA.

**Reading Material**
All required readings are available on the course website on Sakai. In addition, two sets of required readings have been placed on reserve in Chapin Planning Library. You may check out the articles to make your own set of photocopies but please keep the full set in the order that you found it.

**Honor Code**
The UNC honor Code states: “It shall be the responsibility of every student at The University of North Carolina at Chapel Hill to obey and to support the enforcement of the honor code, which prohibits lying, cheating, or stealing when these actions involve academic processes or University, student or academic personnel acting in an official capacity.”

To meet this standard in this course, note the following: in written work, all ideas (as well as data or other information) that are not your own must be cited. Note that ideas that require citation may not have been published or written down anywhere. Discussion of assignments with peers is strongly encouraged.
<table>
<thead>
<tr>
<th>DATE</th>
<th>DAY</th>
<th>TOPIC</th>
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<tbody>
<tr>
<td>22-Aug</td>
<td>W</td>
<td>Introduction, Course Overview</td>
</tr>
<tr>
<td>27-Aug</td>
<td>M</td>
<td>Origin of Cities, History of Settlement Form in the U.S.</td>
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<tr>
<td>29-Aug</td>
<td>W</td>
<td>Origin of Cities, History of Settlement Form in the U.S.</td>
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<tr>
<td>3-Sep</td>
<td>M</td>
<td>NO CLASS (LABOR DAY)</td>
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<tr>
<td>2-Sep</td>
<td>W</td>
<td>Planning History I: The birth of planning: From the City Beautiful to the Garden City</td>
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<tr>
<td>10-Sep</td>
<td>M</td>
<td>Urbanization in the Global South: Contemporary Challenges</td>
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<tr>
<td>12-Sep</td>
<td>W</td>
<td>Current U.S. Urban Trends and Fundamentals</td>
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<tr>
<td>17-Sep</td>
<td>M</td>
<td>Urban Policy and Settlement Form: Housing</td>
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<tr>
<td>19-Sep</td>
<td>W</td>
<td>Urban Policy and Settlement Form: Infrastructure</td>
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<tr>
<td>24-Sep</td>
<td>M</td>
<td>Planning History II: The Rise and Fall of Modernist Planning</td>
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<tr>
<td>25-Sep</td>
<td>W</td>
<td>The Racial and Spatial Legacy of Urban Renewal Film Screening: Pruitt-Igoe Myth</td>
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<tr>
<td>1-Oct</td>
<td>M</td>
<td>Presentations group assignment # 1 (Groups 1-5)</td>
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<tr>
<td>3-Oct</td>
<td>W</td>
<td>Location Theory and Economic Specialization</td>
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<td>8-Oct</td>
<td>M</td>
<td>Central Place Theory and Systems of Cities</td>
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<tr>
<td>10-Oct</td>
<td>W</td>
<td>Deindustrialization, Globalization and Global Production Networks</td>
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<tr>
<td>15-Oct</td>
<td>M</td>
<td>The Continuing Consequences of Deindustrialization</td>
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<tr>
<td>17-Oct</td>
<td>W</td>
<td>Classical Land Use Models; Introduction to Land Rent</td>
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<tr>
<td>22-Oct</td>
<td>M</td>
<td>The Monocentric City and Planning Implications</td>
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<tr>
<td>24-Oct</td>
<td>W</td>
<td>Presentations group assignment # 2 (Groups 6-10)</td>
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<tr>
<td>29-Oct</td>
<td>M</td>
<td>The Polycentric and the Dispersed City</td>
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<tr>
<td>31-Oct</td>
<td>W</td>
<td>Public Goods and Urban Location</td>
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<tr>
<td>5-Nov</td>
<td>M</td>
<td>Sprawl-Lecture</td>
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<tr>
<td>7-Nov</td>
<td>W</td>
<td>Sprawl-Debate</td>
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<tr>
<td>12-Nov</td>
<td>M</td>
<td>Uneven Development Introduction</td>
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<tr>
<td>14-Nov</td>
<td>W</td>
<td>The Concentration of Poverty</td>
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<tr>
<td>19-Nov</td>
<td>M</td>
<td>Planning History III: New Urbanism, Re-urbanism, and Hyper Urbanism</td>
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<tr>
<td>21-Nov</td>
<td>W</td>
<td>NO CLASS (Thanksgiving Break)</td>
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<tr>
<td>26-Nov</td>
<td>M</td>
<td>Race and Uneven Development</td>
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<tr>
<td>28-Nov</td>
<td>W</td>
<td>Class and Uneven Development</td>
</tr>
<tr>
<td>3-Dec</td>
<td>M</td>
<td>Strategies for Equitable Development</td>
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<tr>
<td>5-Dec</td>
<td>W</td>
<td>Class Wrap-up</td>
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<tr>
<td>7-Dec</td>
<td>FRI</td>
<td>Final Presentations (3 hours)</td>
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</table>
# RECITATION/LAB SCHEDULE - FALL 2018

Location: New East Rm 102, unless otherwise noted

<table>
<thead>
<tr>
<th>DATE</th>
<th>DAY</th>
<th>LAB (9:00am – 10:00am)</th>
<th>RECITATION (10:00am – 11:00am)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24-Aug</td>
<td>F</td>
<td>No meeting</td>
<td>Introduction</td>
</tr>
<tr>
<td>31-Aug</td>
<td>F</td>
<td>Understanding Census Data / Terminology (Groups 1-5)</td>
<td>GIS Session 1 (Groups 1-5)</td>
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<td></td>
<td></td>
<td>GIS Session 1 (Groups 6-10)</td>
<td>Understanding Census Data / Terminology (Groups 6-10)</td>
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<tr>
<td>7-Sep</td>
<td>F</td>
<td>Accessing Decennial Census Data / Terminology</td>
<td>STUDIO TIME</td>
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<tr>
<td>14-Sep</td>
<td>F</td>
<td>No LAB</td>
<td>Data Visualization Dos and Don’ts</td>
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<tr>
<td>21-Sep</td>
<td>F</td>
<td>Film Screening: Citizen Jane</td>
<td>Introduction to Economic Data Sources</td>
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<tr>
<td>28-Sep</td>
<td>F</td>
<td>STUDIO TIME</td>
<td>Using BLS Industry Data</td>
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<tr>
<td>5-Oct</td>
<td>F</td>
<td>Group Presentations</td>
<td>Group Presentation Cont’d</td>
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<tr>
<td>12-Oct</td>
<td>F</td>
<td>GIS Session 2 (Groups 1-6)</td>
<td>GIS Session 2 (Groups 7-12)</td>
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<tr>
<td>19-Oct</td>
<td>F</td>
<td>FALL BREAK</td>
<td>FALL BREAK</td>
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<tr>
<td>26-Oct</td>
<td>F</td>
<td>Group Presentations</td>
<td>Group Presentations (Cont’d)</td>
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<tr>
<td>2-Nov</td>
<td>F</td>
<td>Public Choice Theory Exercise</td>
<td>Film Screening: Roger and Me</td>
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<tr>
<td>9-Nov</td>
<td>F</td>
<td>GIS Session 3 (Groups 1-6)</td>
<td>GIS Session 3 (Groups 7-12)</td>
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<tr>
<td>16-Nov</td>
<td>F</td>
<td>Film Screening: Flag Wars</td>
<td>STUDIO TIME/Measuring Inequality</td>
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<tr>
<td>23-Nov</td>
<td>F</td>
<td>THANKSGIVING</td>
<td>THANKSGIVING</td>
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<tr>
<td>30-Nov</td>
<td>F</td>
<td>Discussion and Feedback</td>
<td>Discussion and Feedback</td>
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Note: Recitation and/or lab content and schedule subject to change. Look for weekly reminders from TAs about locations/times and content.
PLAN 714 FALL 2017
SESSION TOPICS AND READINGS

PART I: INTRODUCTION

Introduction, Course Overview (8/22)

*Herbert and Thomas, Cities in Space, City as Place, Chapter 1, The concerns of urban geography.


Origin of Cities, History of Settlement Form in the U.S. (8/27 & 8/29)


Herbert and Thomas, Cities in Space, City as Place, Chapter 2, Urban origins and change over time, 17-43.


Monday 9-3 No Class-Labor Day

Planning History I: The Birth of Planning: From the City Beautiful to the Garden City (9/5)


*Hall, Peter (1996) Chapter 4 “The City in the Garden” in Cities of Tomorrow

Urbanization in the Global South: Contemporary Challenges (9/10)


Advanced theory reading:
Current U.S. Urban Trends and Economic Fundamentals (9/12)


Urban Policy and Settlement Form: Housing (9/17)


Urban Policy and Settlement Form: Transportation Infrastructure (9/19)


Planning History II: The Rise and Fall of Modernist Planning (9/24)


*Hirsch, Arnold 1985 Making the Second Ghetto (selected chapters)

Advanced Theory Reading:
Condition Have Failed. New Haven: Yale University Press.

The Racial and Spatial Legacy of Urban Renewal (9/26)

Film Screening- The Pruitt Igoe Myth (2010) In Class


October 2nd- In-Class Presentations

PART II: INTER-REGIONAL SPATIAL STRUCTURE

Location Theory and Economic Specialization (10/3)


Central Place Theory and Systems of Cities (10/8)


Deindustrialization and Global Production Networks (10/10)


Bluestone and Harrison (1982) The Deindustrialization of America


Optional Film Screening: Roger and Me (1989), Michael Moore (director)

Consequences of Deindustrialization: Shrinking Cities, Abandonment and Labor Market Polarization (10/15)


PART III: INTRA-REGIONAL SPATIAL STRUCTURE

Classical Land Use Models; Introduction to Land Rent (10/17)


The Monocentric City and Planning Implications (10/22)


McCann, Philip. 2001. Urban and Regional Economics. Oxford: Oxford University, Ch 3 & 7

Class Presentations 10/24

The Polycentric and the Dispersed City: Review and Challenges (10/29)


Public Goods and Location Behavior (10/31)


Sprawl (11/5 & 11/7)


PART IV: CURRENT CHALLENGES: Spatial Inequality: Perspectives and Policy Responses

Uneven Urban Development: Causes and Consequences (11/12)


Swanstrom & Drier (2005) Place Matters (chapter 1)


The Concentration of Poverty (11/14)


Planning History III: New Urbanism, Re-urbanism, and Hyper Urbanism (11/19)


Race, Politics and Urban Space (11/26)


Class and Urban Space: The Case of Gentrification (11/28)


Strategies for Equitable Development (12/3)


