
PLAN 714 Urban Spatial Structure FALL 2016

Instructor:

T. William Lester
Lecture: Mondays and Wednesdays 2:30-3:45pm
Office Hours: Tues: **3:00pm-4:30pm**
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Teaching Assistant:

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Office Hours: Wed: **1pm-2pm**
Location: Tables outside of Daily Grind (for now)
Recitation: Fridays 9:05am-10:20am (Davie Hall 112)

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 firms 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 and class discussions. 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 2pm on Friday December 9th.

COURSEWORK OVERVIEW AND GRADING ALLOCATION

Individual assignment 1	Short answer problem set	10%
Individual assignment 2	Equitable Development Policy Memo	10%
Group assignment 1	Tracking your region	15%
Group assignment 2	Tracking your region	15%
Group assignment 3	Tracking your region	15%
Peer assessment		5%
Final Presentation		20%

Grades for the course will be assigned as follows:

100 - 90	89 - 75	74 - 60	59 - 0
H	P	L	F

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

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. At times recitation will also consist of reading discussion sections led by the TA. These discussion sessions will offer students an additional opportunity to delve deeply into the particular readings for

that week. If not giving a formal recitation, the TA will be available during this time to answer individuals' questions. You should not schedule any other activity during the recitation period.

In addition, the GIS Data librarians will hold individual office hours Fridays between 2 and 4pm. To see any of them, please go to the Davis Library Reference desk and ask for Phillip McDaniel.

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.

Optional text -available on Reserve at Davis Planning Library:

Hall, Peter Cities of Tomorrow (revised edition) Oxford: Blackwell, 1996

Herbert, David T., and Colin J. Thomas. 1997. *Cities in Space, City as Place*. New York: John Wiley.

Optional text recommended for purchase for background reading:

Brueckner, Jan K. 2011. *Lectures on Urban Economics*. Cambridge, MA: MIT Press.

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.

CLASS SCHEDULE- FALL 2016

DATE	DAY	TOPIC	RECITATION
24-Aug	W	Introduction, Course Overview	No Recitation
29-Aug	M	Origin of Cities, History of Settlement Form in the U.S.	
31-Aug	W	Origin of Cities, History of Settlement Form in the U.S.	Recitation TBD
5-Aug	M	NO CLASS (LABOR DAY)	
7-Sep	W	Planning History I: The birth of planning: From the City Beautiful to the Garden City	Recitation Friday 9/9: Using Census Data and ACS Demo session
12-Sep	M	Urbanization in the Global South: Contemporary Challenges	
14-Sep	W	Current U.S. Urban Trends and Fundamentals	
19-Sep	M	Urban Policy and Settlement Form: Housing	
21-Sep	W	Urban Policy and Settlement Form: Infrastructure	Recitation 9-23: GIS Toolkiit Davis 247. (Alternate ODUM session 11am-12:15pm)
26-Sep	M	Planning History II: The Rise and Fall of Modernist Planning	
28-Sep	W	The Racial and Spatial Legacy of Urban Renewal Film Screening: Pruitt-Igoe Myth	Recitation 9-30: Introduction to economic datasets.
3-Oct	M	Presentations group assignment # 1 (Groups 1-6)	
5-Oct	W	Location Theory and Economic Specialization	Recitation TBD
10-Oct	M	Central Place Theory and Systems of Cities	
12-Oct	W	Deindustrialization, Globalization and Global Production Networks	
17-Oct	M	The Continuing Consequences of Deindustrialization	
19-Oct	W	Classical Land Use Models; Introduction to Land Rent	Film screening: Roger and Me
24-Oct	M	The Monocentric City and Planning Implications	
26-Oct	W	Presentations group assignment # 2 (Groups 7-12)	Recitation TBD
31-Oct	M	The Polycentric and the Dispersed City	
2-Nov	W	Public Goods and Urban Location	Recitation TBD
7-Nov	M	Sprawl-Lecture	
9-Nov	W	Sprawl-Debate	Recitation 11-11: Davis Library 247.
14-Nov	M	Uneven Development Introduction	
16-Nov	W	The Concentration of Poverty	Recitation 11-18: Measuring spatial inequality
21-Nov	M	Planning History III: New Urbanism, Re-urbanism, and Hyper Urbanism	
23-Nov	W	NO CLASS (Thanksgiving Break)	Recitation TBD
28-Nov	M	Race and Uneven Development	
30-Nov	W	Class and Uneven Development	Recitation TBD
5-Dec	M	Strategies for Equitable Development	
7-Dec	W	Class Wrap-up	

PLAN 714 FALL 2016
SESSION TOPICS AND READINGS

PART I: INTRODUCTION

Introduction, Course Overview (8/24)

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

O'Flaherty, B, 2004. *City Economics*, Chapter 2, Why Proximity is Good 12-33, Harvard University Press.

Origin of Cities, History of Settlement Form in the U.S. (8/29 & 8/31)

*Jacobs, J. (1969). *The Economy of Cities*, New York: Random House. Chapter 1 "Cities First – Rural Development Later" pp. 1-48.

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

Phillips, B.E., 1996 *City Lights: Urban-Suburban Life in the Global Society*, Chapter 4 "From Urban Specks to Global Cities" pp. 81-109. (New York: Oxford University Press, 2nd Edition) (optional)

Monday 9-5 No Class-Labor Day

Planning History I: The Birth of Planning: From the City Beautiful to the Garden City (9/7)

*Hall, Peter (1996) Chapter 2 " The City of Dreadful Night" in *Cities of Tomorrow*

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

Urbanization in the Global South: Contemporary Challenges (9/12)

*Roy, A. (2009). Why India cannot plan its cities: Informality, insurgence and the idiom of urbanization. *Planning theory*, 8(1), 76-87.

*Watson, V. (2013). African urban fantasies: dreams or nightmares?. *Environment and Urbanization*, 0956247813513705.

United Nations, Department of Economic and Social Affairs, Population Division (2014). *World Urbanization Prospects: The 2014 Revision, Highlights (ST/ESA/SER.A/352)*.

Advanced theory reading:

Roy, A. (2011). Slumdog cities: rethinking subaltern urbanism. *International Journal of Urban and Regional Research*, 35(2), 223-238.

Current U.S. Urban Trends and Economic Fundamentals (9/14)

*Florida, Richard (2009) "How the Crash Will Reshape America," *Atlantic Monthly*, March 2009. pp. 1-15.

*Garreau, J. 1991. Edge cities: life on the new frontier. *American Demographics*, 13(9): 24-30.

Hanlon, B. 2008. The decline of older, inner suburbs in metropolitan America. *Housing Policy Debate*, 19(3): 423-456.

Berube, Alan et al. (2010) Brookings Institution Metropolitan Policy Program, "State of Metropolitan America: On the Front Lines of Demographic Transformation" Read only executive summary and chapter 1.

Storper, M. and M. Manville. 2006. Behaviour, preferences and cities: urban theory and urban resurgence. *Urban Studies*. 43(8): 1247-1274.

Urban Policy and Settlement Form: Housing (9/19)

*Fishman, R. The American metropolis at century's end: Past and future influences. *Housing Policy Debate*, 11(1): 199-213.

*Kenneth T. Jackson, "Federal Subsidy and the Suburban Dream" Chapter 11 in *Crabgrass Frontier: The Suburbanization of the United States*, (New York: Oxford University Press, 1985) pp. 190-218.

*Moore, Natalie K. (2016) "The South Side" Chapters. 1-3.

Birch, E. L. (1999). The Housing and Slum Clearance Act and its Effects on the Urban Planning Profession.

Urban Policy and Settlement Form: Transportation Infrastructure (9/21) -Guest Lecturer TBD

*Muller, P. O. 2004. Transportation and urban form: Stages in the spatial evolution of the American metropolis. In *The Geography of Urban Transportation*, edited by S. Hanson and G. Giuliano, pp. 59-85. New York: Guilford.

Brown, J. R.; Morris, E. A.; and Taylor, B. D. 2009. Planning for Cars in Cities: Planners, Engineers, and Freeways in the 20th Century. *Journal of the American Planning Association*, 75(2): 161-177

Planning History II: The Rise and Fall of Modernist Planning (9/26)

*Hall, Peter Chapter 7. "The City of Towers: The Corbusian Radiant City: Paris, Chandigarh, Brasilia, London, St. Louis" in Cities of Tomorrow. pp. 204-240.

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

Advanced Theory Reading:

Scott, J. C. (1998). *Seeing Like a State: How Certain Schemes to Improve the Human Condition Have Failed*. New Haven: Yale University Press.

The Racial and Spatial Legacy of Urban Renewal (9/28)

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

Fullilove, M. (2005) Root Shock: How Tearing Up City Neighborhoods Hurts America and What We Can Do About It. Intro and Chapter 3.

Note: Prof. Lester presents to Plan for All Brown Bag on this topic.

October 3rd- In-Class Presentations

PART II: INTER-REGIONAL SPATIAL STRUCTURE

Location Theory and Economic Specialization (10/5)

*Losch, A. 1995. "The Nature of Economic Regions". In J. Friedmann, Alonso, W. (Ed.), *Regional Policy: Readings in Theory and Applications*. Cambridge: MIT Press.

*O'Sullivan, A. 1996 "Where do Cities Develop?" Chapter 3 in *Urban Economics 3rd Edition* (Chicago: Irwin) pp. 39-70.

North, D. "Location Theory and Regional Growth" in Friedman, J. and Alonso, W. *Regional Policy: Readings in Theory and Applications*. (Cambridge: MIT Press).

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

*McCann, Philip. 2001. *Urban and Regional Economics*. Oxford: Oxford University, Chapter 2

Herbert, D. T., and C. J. Thomas. 1997. *Cities in Space, City as Place*. New York: John Wiley. Chapter 5, The urban economy

Deindustrialization and Global Production Networks (10/12)

*Krugman, P. R. (1991). *Geography and trade*. Chapters 1 and 2. (Cambridge: MIT Press)

Bluestone and Harrison (1982) *The Deindustrialization of America*

Castells, M. 1996. "The Informational Economy and the Process of Globalization" Chapter 2 in *The Rise of the Network Society* (Oxford: Blackwell) p. 66-147

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

Optional Advanced Theory Reading: Massey, D. (1998). The Spatial Division of Labor. Oxford, Routledge.

Consequences of Deindustrialization: Shrinking Cities, Abandonment and Labor Market Polarization (10/17)

*Schilling, Joseph, and Jonathan Logan. (2008) "Greening the rust belt: A green infrastructure model for right sizing America's shrinking cities." *Journal of the American Planning Association* 74.4: 451-466.

Ranganathan, Malini. (2016) "Thinking with Flint: Racial Liberalism and the Roots of an American Water Tragedy." *Capitalism Nature Socialism*: 1-17.

Doussard, Marc, and Greg Schrock. (2015) "24. Stability amid industrial change: the geography of US deindustrialization since 1980." *Handbook of Manufacturing Industries in the World Economy*: 381.

PART III: INTRA-REGIONAL SPATIAL STRUCTURE

Classical Land Use Models; Introduction to Land Rent (10/19)

*Herbert, D. T., and C. J. Thomas. 1997. *Cities in Space: City as Place*. Savage, MD: Barnes and Noble. Chapter 9, The residential mosaic, pp. 195-237.

The Monocentric City and Planning Implications (10/24)

*O'Flaherty, B, 2004. *City Economics*, Chapter 6, Land 116-144, Harvard University Press.

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

Class Presentations 10/26

The Polycentric and the Dispersed City: Review and Challenges (10/31)

*Anas, A., R. Arnott and K. A. Small. 1998. Urban spatial structure. *Journal of Economic Literature* 36(3): 1426-64.

Ingram, G. K. 1998. Patterns of metropolitan development: What have we learned? *Urban Studies* 35(7): 1019-1035.

Abbott, J. 2009. Planning for complex metropolitan regions: a better future or a more certain one? *Journal of Planning Education and Research*, 28(4): 503-517.

Public Goods and Location Behavior (11/2)

*Dimond, P. 1999. Empowering families to vote with their feet. In Katz, B. (Editor) *Reflections on Regionalism*. Washington DC: Brookings. A primer on regionalist thinking from a land-use perspective, pp. 249-271.

Dowding, K. 1994. Tiebout: A Survey of the Empirical Literature. *Urban Studies*, 31(4/5): 767-97.

Sprawl (11/7 & 11/9)

*Galster, G., R. Hanson, M.R. Ratcliffe, H. Wolman, S. Coleman, and J. Freihage. 2001. Wrestling sprawl to the ground: defining and measuring an elusive concept. *Housing Policy Debate*, 12(4): 681-718

*Mieszkowski, P and E. Mills. 1993. The causes of metropolitan suburbanization. *Journal of Economic Perspectives*, 7(3): 135-147

Gordon, Peter and Harry Richardson. 2000. Critiquing sprawl's critics. *Policy Analysis*. The Cato Institute, no. 365.

Beauregard, R. A. 2001. Federal policy and postwar urban decline: A case of government complicity? *Housing Policy Debate*, 12(1): 129-151.

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

Uneven Urban Development: Causes and Consequences (11/14)

*Logan, J. R., & Molotch, H. L. (1987). Urban fortunes: the political economy of place. Berkeley, CA: University of California Press. (selected Chapters)

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

Weir, M., Wolman, H., and Swanstrom, T. (2005) "The Calculus of Coalitions: Cities, Suburbs, and the Metropolitan Agenda" *Urban Affairs Review*, Vol. 40, No. 6, July 2005 730-760. (optional)

Advance Theory Reading: Smith, N. (2010). *Uneven development: Nature, capital, and the production of space*. University of Georgia Press.

The Concentration of Poverty (11/16)

*Teitz, M. B., and K. Chapple. 1998. The causes of inner-city poverty: Eight hypotheses in search of reality. *Cityscape* 3(3): 33-70.

Wagmiller Jr., R. L. 2008. The changing geography of male joblessness in urban America: 1970 to 2000. *Housing Policy Debate*, 19(1): 93-135.

Madden, J.F. 2003. The changing spatial concentration of income and poverty among suburbs of large US metropolitan areas. *Urban Studies*. 40(3): 481-503.

Planning History III: New Urbanism, Re-urbanism, and Hyper Urbanism (11/21)

Chakrabarti, Vishaan, and Norman Foster (2013). A Country Of Cities: A Manifesto For An Urban. New York: Metropolis Books, Section 1: "Why Cities are Good" A Country of Cities. pp. 52-125.

Duany, Andres, Plater-Zyberk, Elizabeth and Jeff Speck (2001) "Suburban Nation: The Rise of Sprawl and the Decline of the American Dream." Chapters 1 & 11.

Daniel A. Rodríguez, Asad J. Khattak & Kelly R. Evenson (2006) "Can New Urbanism Encourage Physical Activity?: Comparing a New Urbanist Neighborhood with Conventional Suburbs" *Journal of the American Planning Association*. 72(1). Pp. 43-54.

Race, Politics and Urban Space (11/28)

*Wacquant, L. (2008). Urban outcasts: A comparative sociology of advanced marginality. Polity. (prologue and Chapter 2).

*Johnson, Walter (2015) "Ferguson's Fortune 500 Company" *Atlantic Monthly*. April 26th, <http://www.theatlantic.com/politics/archive/2015/04/fergusons-fortune-500-company/390492/>

*Audio Podcast: "Harold" Episode 84 *This American Life*. (1997) http://www.thisamericanlife.org/play_full.php?play=84

Thomas, J. M. (2008). The minority-race planner in the quest for a just city. *Planning Theory*, 7(3), 227-247.

Class and Urban Space: The Case of Gentrification (11/30)

*Sanneh, Kalefa (2016) "Is Gentrification Really a Problem?" *The New Yorker*, July 11th & 18th Issue.

*Freeman, L. (2005). Displacement or succession? Residential mobility in gentrifying neighborhoods. *Urban Affairs Review*, 40(4), 463-491.

*Smith, Niel (2002). "New Globalism, New Urbanism: Gentrification as Global Urban Strategy." *Antipode* 34(3): 427-450.

Lester, T. W., & Hartley, D. A. (2014). The long term employment impacts of gentrification in the 1990s. *Regional Science and Urban Economics*, 45, 80-89.

Strategies for Equitable Development (12/5)

*Pastor, M., Drier, P., et. al. (2000). *Regions that Work: How Cities and Suburbs Can Grow Together*. Minneapolis: University of Minnesota. Selected chapters.

*Nicholas J. Marantz (2015) What Do Community Benefits Agreements Deliver? Evidence From Los Angeles, *Journal of the American Planning*

Association, 81:4, 251-267, DOI: 10.1080/01944363.2015.1092093

*W. Dennis Keating (1986) Linking Downtown Development to Broader Community Goals: An Analysis of Linkage Policy in Three Cities, *Journal of the American Planning Association*, 52:2, 133-141, DOI: 10.1080/01944368608976613