

Professor

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Seminar: Place TBD
 Time: T/R TBD
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About cities: a proposal for an urban form seminar

Objective:

The ambition of this class is to provide students with an introductory knowledge related to urban design issues through a study of thematic areas of focus that bridge a variety of disciplines...

Cities and urban design theory

Vitruvius	The Ten Books on Architecture, Chapter 1
Andrea Palladio	The Four Books of Architecture
Alberti	The Ten Books on Architecture (1755)
Philibert de l'Orme	
Abbé Laugier	<i>Essai sur l'Architecture</i> (1789)
Idelfonsa Cerda	<i>General Theory of Urbanization</i> (1867)
Otto Wagner	<i>Die Großstadt</i> (1911)
Camillo Sitte	<i>City Planning Accordingly to Artistic Principles</i> (1889)
Le Corbusier	<i>When the Cathedrals were white</i> (1937)
	<i>Precisions on the Present State of Architecture and City Planning</i> (1929)
Frank Lloyd Wright	<i>The Disappearing City</i> (1932) –Broadacre city
Hendrik P. Berlage	<i>Plan Zuid</i> for Amsterdam (1904)
Guy Debord	La Derive French movement (xxxx)
Robert Venturi, Denise Scott Brown and Steven Izenour	<i>Learning from Las Vegas</i> (1972)
Colin Rowe and Fred Koetter	<i>Collage City</i> (1979)
Reynard Banham	<i>Los Angeles: The Architecture of Four Ecologies</i> (1971)
Kevin Lynch	<i>The Image of the City</i> (1960)
Aldo Rossi	<i>The Architecture of the City</i> (1966)
Rem Koolhaas	<i>Delirious New York: a retroactive manifesto for Manhattan</i> (1979)
Leon Krier

Architecture and social theories

- Richard Sennett The Conscience of the Eye: The Design and Social Life of Cities (1992)
- Saskia Sassen The Global City (1991)
- Superstudio/TeamX,
Sir Dennis Lasdun,
Hans Hollein,

Cities through texts and essays

- Los Angeles Reyner Banham: *Los Angeles: The Architecture of Four Ecologies* (1971). Also see BBC 1972 documentary titled Reyner Banham Loves Los Angeles."
Carey McWilliams: *Southern California: As Island of the Land* (1946)
Mike Davis: *City of Quartz: Excavating the Future in Los Angeles* (1990)
- New York Rem Koolhaas: *Delirious New York* (1978)
- Barcelona Ildefons Cerda: *General Theory of Urbanization* (1867)
- Vienna Otto Wagner: *Die Großstadt* (1911)

Cities of celluloid (film and tv)

- Fritz Lang Metropolis (1927)
- Jean Luc Godard A bout de soufflé (1961)
Alphaville (1965)
- Ridley Scott Blade Runner (1982)
- Denis Villeneuve Blade Runner 2049 (2017)
- Various Superman (1978-2013)
- Various Batman (1980-)
- John Mc Solient Green (1973)
- Katsuhiro Otomo Akira (1988)
- Various Star Trek (1979-2016)
- Wim Wenders Tokyo-Ga (1985)
Lisbon Stories (1994)
- Mick Jackson LA Stories (1991)
- Steven Spielberg Minority Report (2002)
- Paul Bush Babeldom (2013)
Babylon Berlin (Netflix)
- Wes Anderson The Grand Hotel Budapest (2014)
- Bong Joon-ho Parasite (2019) see bookmarks

Cities and disease

- London
- World Covid-19

Cities in comic books/strips

- Francois Schuiten Les Cites Obscures (1983-)
- And Benoit Peeters - Les murailles de Samaris (1983)
- La fièvre d'Urbicande (1985)
- La Tour (1987)
- La route d'Armilia (1988)
- Brussel (1992)
- Francois Schuiten
And Luc Schuiten

Cities as political virtue

- Ambrogio Lorenzetti
The Effects of Good and Bad Government, a fresco in the City Hall of Siena (1338)

Cities and music

Tony Bennett San Francisco
Frank Sinatra New York

Cities and literature

Paris: Emile Zola: *Le Ventre de Paris*
 Victor Hugo: *Les Misérables; Notre Dame de Paris*
 Charles Baudelaire:
 Walter Benjamin: *Passage*
Berlin: Walter Benjamin
Venice: Thomas Mann: *Death in Venice*
 ... *Wings of the Dove*
London: Charles Dickens: *Tale of Two Cities*
Dublin: James Joyce: *The Dubliners*
New York Ada Louise Huxtable: *Will They Ever Finish Bruckner Boulevard?*
Lisbon: Fernando Pessoa: *The book of Disquiet*
Imaginary Italo Calvino: *The invisible cities*
Los Angeles Reynar Banham: *Los Angeles, The Architecture of Four Ecologies*
 Mike Davis: *City of Quartz*
Mumbai Suketu Mehta: *Maximum City*

Cities through maps

Giambattista Piranesi The Noli Map (1748)
Evolution of the accuracy of maps
Four typological representations
- Stereographic view (profile versus prospect)
- Birds' eye view (view in perspective)
- Linear plan (orthogonal projection)
- Map views
Karl Baedeker city maps for travel guidebooks for tourist (idea of cartography)
1811 Commissioner's Plan for Manhattan
Sanborn maps (US)
Burnham plan for Chicago (1909)
Psychogeography maps by the Situationists (1950 on)
Subway maps

Cities of underground

Paris, Alphand and Haussmann, infrastructure
Grand Central NYC
Cold War underground shelters (Helsinki)
European cities as palimpsest

Cities in photography

Paris: Charles Marville -description of Haussmann's intervention
New York: Charles Steeler

Cities through paintings

the evolution of cities from background to scene
Canaletto and Venice
Pannini and Rome
Vermeer and Delft
Hubert Robert and ...

Cities and philosophy

Athens: The idea of public debate and politics; urban morphology: agora
Rome:

Cities and planners

Concept	Ebenezer Howard's Garden City
Concept	Frank Lloyd Wright's Broadacre City
Paris	Baron Haussmann and Adolphe Alphand Le Corbusier
Philadelphia:	Edmund N. Bacon
Boston:	Edward Logue
New York:	Robert Moses
Barcelona	Idelfonso Cerda

Note: Planning today involves more input from neighborhood groups rather than "the autocratic planners at the expense of communities and affordable housing."

Cities as defense (war)

Fortification: nomenclature, principles and evolution (difference between east and west?):
ramparts, glacis, etc.

Western Medieval castles (i.e. Cathares, Carcassonne)

Eastern: Amber, Jaipur 1755

Important protagonist: Sébastien le Prestre dit Seigneur de **Vauban** (Marshal) and the idea of the fortress ring (Besançon)

Dikes: Netherlands

Marshes: Venice Laguna (first published map of Venice)

Cities as stigmata landscapes

After the grand fire:	Rome 64AD, London 1666, Chicago 1871, and Atlanta 1864
	Oslo, 1624
After the great earthquake:	Pompeii, AD 79 Herculaneum, AD 79 Lisbon (reconstruction of the Baixa and Avenida downtown), 1755 San Francisco 1906, Tokyo 1923
Ghettos	Jewish Ghetto of Venice (1516) Warsaw Ghetto (1940-42)
Cities of death	Concentration camps: Auschwitz I and Auschwitz-Birkenau, Treblinka, Buchenwald (1939-45)
After WWII	
After the atomic bomb:	Hiroshima, Nagasaki, Tokyo (1945)
After the allied bombing:	Dresden, Berlin, Warsaw, Coventry
During the cold war:	West and East Berlin (1961-1989) Beirut (civil war resulting in the destruction of the city (1975-90). Chernobyl, Russia (1986) Bhopal, India (1984)
After nuclear accident	
After terrorist attack	World Trade Center, 2001, NYC, USA
After Hurricanes:	New Orleans, Katrina, 2005 Porto Rico, Maria, 2017

Cities within cities (debatable)

Vatican within Rome: political power
Rockefeller Center within New York City -Raymond Hood
Columbia University, New York City
Ground Zero within New York City
World Fair and Olympic villages

Cities (communities) of religion

Jerusalem
Monasteries: Mount Athos (Greece)
Shakertown, Pleasant Hill (Kentucky)
Benares (India)
Vatican (Rome)
Vesley (departure point for crusades)
Santiago de Compostela (pilgrimage city)

Cities and politics (representational):

Athens:
Sienna: paintings by Lorenzetti about the bad and good government and the city
Washington: Pierre L'Enfant
New Delhi (Edwin Lutyens (1911-31)
Berlin: project of Albert Speer (father)
Chandigarh (Le Corbusier ()
Brasilia (Oscar Niemeyer ()
Canberra ()

Cities and iconography:

City atlas:

Hartman Schedel: The Universal Chronicle of Nuremberg, 1493
Georg Braun and Franz Hogenberg: *Civitates orbis terrarum*, 1572
Allain Manesson Malet (see e-bay maps)
Sebastian Muenster (how are cities depicted in through specific traits or rendered through symbols (specific or generic)
Tassin 1634

The idea of the Panorama: Schinkel, Paris and its ensuing new building types
Vedute and Capriccios by Canaletto and Guardi

Imaginary cities:

Piranesi and the Campo Marzio,
Pisanello, St George and the Princess of Trebizond (1438)
Paolo Ucello,
Carpaccio, Venice
Leonardo da Vinci (International Gothic)
Hieronymus Bosh: Ecco Homo, c. 1497; St John on Patmos, c. 1505;

Medieval depiction

Jacopo del Sellaio, Italian, 1441/1442 - 1493, *Saint John the Baptist*, c. 1480, oil on panel, Samuel H. Kress Collection, 1939.1.283

Biagio d'Antonio and Workshop, Italian, c. 1446 - 1516, *The Triumph of Camillus*, c. 1470/1475, tempera on panel, Samuel H. Kress

Collection, [1939.1.153](#)

Filippino Lippi, Italian, 1457 - 1504, *Tobias and the Angel*, c. 1475/1480, oil and tempera (?) on panel, Samuel H. Kress Collection, [1939.1.229](#)

Hans Memling

Bellini

Sandro Botticelli

Domenico Ghirlandaio (1449-1494)

Hartman Schedel: Nuremberg Chronicles (1493)

Limbourg Brothers: Les Tres Riches Heures du Duc de Berry (1412-16)

Vedute, capriccios and panoramas

Canaletto, Venice

- The idea of representation of a city by exaggerating, changing and inventing views

Guardi, Venice

Hubert Robert, Paris and France

Le Corbusier
Chandigarh, South America and New York City (paintings)
Zaha Hadid
Hong Kong, New York
Rem Koolhaas
New York
Aldo Rossi: Analogical city (1966)

Cities and *minorities*

The ghetto of Venice (14th century) birth and history of the ghetto: purpose
The ghetto of Warsaw (WW2)
Berlin during the Cold War

Cities of displacement

Refugee Camps (Middle East)
Slums, India (Mumbai), Manila, Rio de Janeiro
Shanties,
Favelas,
Squatter policies of access to land (in particular in Asia)

Cities and zoning ordinances/laws

Setback principles
Paris (over centuries (1400-Haussmann)
New York (1916)
Chicago
Jaipur (1776)
Amsterdam

Cities and transport infrastructures (network systems)

How had the advent of new public transportation methods begun to displace traditional pedestrian and horse-drawn carriages?

Images of the early 20th century (raised pedestrian network system)
Underground subway system: New York, Paris, London Rome, Moscow, , Vienna, Berlin
Sewer system: Paris and Haussmann and Adophe Alphand -3 dimensional city
On grade: water system, highway system, street system, bus system, cycle network,
pedestrian zones, gas and electricity
Air: flight paths (London...)
Urban nodes; bus centers, train centers, parking structures
Hierarchy of systems, one way, two ways, speed characteristics and traffic control

Cities and real-estate development

How do real-estate development and legislation influence the growth of the city?

Cities and its public and civic dimension

Nomenclature: Parish, Parrochie, sestiere, ward, village
Venice: 7 sestiere (neighborhoods) –Cannaregio, Santa Croce, San Paolo, San Marco,
Dorsoduro, Castello and Giudecca.
Vehicular/pedestrian nomenclature (street, alley, Boulevards, lanes, mews, crescent...)
Boat/pedestrian nomenclature: Venice
Public spaces: Piazza, Piazzetta, Piazzalle, Campo, Corte, Campiello
Public land circulations: Fondamente, Salizada, Calle, Strada, Sottoportego
(passage under a building), Fondamente, Riva, Ramo, Ruga, Rio Terra... (there
should be around 15 formal identifications in Venice; see B Hoesli)
Public water circulations: Grand Canal, canal, rio, ruga...
Air: London, Lexington (finds maps of traffic patterns around cities; they are invisible
maps)

GIS and Information Systems

Web pages: http://historic-cities.huji.ac.il/mapmakers/braun_hogenberg.html
<http://www.davidrumsey.com/>

Cities and trade

Hanseatic cities: (The league of trading cities ~1360) Lübeck, Hamburg, Bruges, Visby (UNESCO)
Zaehringen cities: Fribourg, Murten, Bern (Switzerland), Freiburg in Breisgau (Germany)
Port cities: Amsterdam, Rotterdam, Venice, Marseilles, London, Hong Kong
Silk Road:

Cities of division

Istanbul (Turkey): geographical between West and the Orient
Buda-Pest (Hungary): geographical and political
Hong-Kong (China): geographical
Berlin: political 1945-1989 (4 allied power countries: US/Great Britain/France and Russia –West and East (Cold War)
Strasbourg: owned by Germany and France over several centuries
Belfast: religious
Jerusalem: religious and ethnic Jewish/Christian/Muslim/Armenian

Cities as airports

Kansai, Japan
Hong Kong International airport, Hong Kong
Changi airport, Singapore
Schiphol, Amsterdam
Marc Augé: Places and non-places

Cities and tourism

Raise of British tourism
Grand Tour: Rome
Monte Carlo, St Moritz, Lausanne (English influence)

Cities and sports How has sport impacted cities?

Rome and its colonies: Coliseum
Cincinnati (baseball stadium and football)
Olympics –Munich, Barcelona, Atlanta, Sydney, Los Angeles

Cities of spectacles (parades and places created)

Las Vegas -Robert Venturi's book *Learning from Las Vegas*
Paris and its boulevards (Champs-Élysée) and bridges
Moscow (Red Square/Kremlin), Berlin (Unter den Linden), New York (Fifth Avenue)
Italian cities and the notion of passeggiata
Rome (Spanish steps)

Cities and nature

Paris: Jardin de Luxembourg, and Parc Morceau, Villetta, Buttes Chaumont, etc.
London: St James Park, Regent Park
New York: Central Park
Louisville, Lexington, Boston: 17 Parks by Law Olmstead
San Diego: Balboa Park
American campus: notion of the green

Cities and water

Venice: project of Le Corbusier -Hospital

Amsterdam
New York
Stockholm

Cities and key critiques

Vittorio Magnago Lampugnani (historicist)
Leon Krier

Select Planned Cities https://en.wikipedia.org/wiki/List_of_planned_cities

Jaipur (1727), New Delhi, 1933, Chandigarh (India)
Canberra, Australia (1913) Walter Burley Griffin and Marion Mahony Griffin
Adelaide, Australia (1836)
Savannah, USA (1733) General James Oglethorpe
Washington, USA Pierre L'Enfant
Palma Nova, Italy
Sun City, Phoenix Arizona
Louvain-la-Neuve, Belgium by Lucien Kroll
Brasilia, Brazil by Oscar Niemeyer
Barcelona, Plan of Cerda
Versailles, France
Royal Saltworks, Arc-et-Senans by Claude Nicolas Ledoux
Karlsruhe, Germany
La Chaux-de-Fonds, Switzerland
Brasilia (1956) Oscar Niemeyer and Lucio Costa

New Urbanism cities and sprawl

Marimont (OH), 1930?
Seaside (FL) 1983?
Celebration, (FL) date?
Phoenix, AZ

Cities and critics

Jane Jacobs
Michael Sorkin
Aaron Betsky
Paul Goldberger

Cities of communities/utopia

Shaker village, KY, USA
Claude Nicolas Ledoux: Salines de Ledoux at Chaux, France
Pullman, IL, USA model industrial town(1884)
New Harmony (IN)
Le Corbusier:
- Ville de 3 millions d'habitants,
- Ville Radieuse,
- Buenos Aires,
- Montevideo and
- Rio de Janeiro
- Chandigarh
Charles Garnier and the plan of Lyon

Cities of architectural competitions

Venice
Rome



Cities and the morphology of neighborhoods

Venice –idea of the unit, parrochie, and sestiere

Ahmedabad 1411 –idea of the *pol/s* (self contained neighborhoods). Some of these *pol/s* are virtually small villages, traversed by narrow streets, usually terminating in squares with community wells and *chabutaras* for feeding birds.

These *pol/s* were protected by gates, cul-de-sacs and secret passages.

Lexington – suburban ideas of neighborhood (Law Olmstead)

Paris and its arrondissement

New York and its neighborhoods

Jaipur – the grid idea of neighborhoods

Cities and social sustainable development

SDG sustainable development goals

<https://sdgcities.guide/chapter-1-cities-and-a-territorial-approach-to-the-sdgs-22c2660644e3>

Cities and master plans

Le Corbusier Plan Voisin for Paris
 Ville de 3 millions d’habitants
Berlage Extension plan for Amsterdam

Cities and issues of urban conservation (World heritage legislation)

Charta of Venice (1964)
Charta of Athens (La Charta d’Athènes) CIAM Conference No. 8?
World Heritage Preservation Charters (UNESCO, UN)
Heritage tourism
Jane Jacobs The Death and Life of Great American Cities (1961)
 New York City

Definition

Urban design: An aspect of urban planning that focuses on creating a desirable environment in which to live, work and play. A well-designed urban environment demonstrates the four major principles of design –clearly identifiable function for the area; easily understood order; distinctive identity and visual appeal.

Urban Form:

Urbanism: