

Course Title	Seminar in Advanced Theory of Habitat Analysis
Sub Title	Urban Design Analysis
Course Categories	
Year	2017
Term	Second Semester
Class Day	
Required / Elective	
Credit	2
Course Instructor	PRASANNA DIVIGALPITIYA
Department	Graduate School of Human-Environment Studies
Intended School	持続都市建築システム国際コース
Intended Year	修士課程全学年
Campus	
Others (Free)	
Pre-requisites	Non
Course Overview	<p>Urban planes help communities to take stock of where they are and where they want to go. Cities are changing constantly. Every place is different and different places change in different way. Some cities have growing populations. And in some cities population is declining. Some cities rely on public transportation to move people while some cities rely on private vehicles.</p> <p>Urban planning and design look at what is good and bad about a community in the present and planes ahead for how the community can maintain and improve itself in the future. A good understanding of how the community works and how it is likely to change helps make better urban plans and urban designs for the future.</p>
Overall goal	<ol style="list-style-type: none"> 1. Identify and review the major forces influencing cities over time, 2. Study how past urban design solutions are responding to those forces. 3. Discuss the trajectory of cities and city design from both physical and social perspectives.
Individual goal	Students will study a city of their choice and give a 20-

	<p>minute presentation to the class. Write a one-page introduction to the work. We study cities using following topics. At the end of the first assignment, we will study an urban design project from your selected city and try to understand issues that were trying to answer in that project and decision-making process.</p>
<p>Course Plan</p>	<p>Forces that shape the city</p> <ol style="list-style-type: none"> 1. Environment <p>The natural environment has the potential to impact every element of city building but we now also have the technology to disregard environmental factors. The environment includes topography, climate, vegetation, natural disasters amongst others.</p> 2. Heritage <p>How the city has started? Where the original built up area was and what forces have shaped its current state?</p> 3. Transportation <p>Transportation is one force that shapes the city in its macro and in micro scale. Business and people respond to circulation to maximize their efficiency in a competitive environment. Properties are sensitive to circulation and connectivity. An alternative circulation pattern can mean a totally different future for a city. How circulation is shaping your city.</p> 4. Technology and Lifestyle <p>How technology has shaped the city. Technology shaped our cities dramatically for about a century. How we work, live and move mostly governed by technological innovations. How technology is shaping our lives and what technologies are most influential in your city.</p> 5. Demography <p>Population in cities has many dimensions. Size, growth trends, aging, diversification, density, distribution are some of them. In a city there can be numerous communities that shape it. Although overall total may be similar the makeup of the population and how it is</p>

	<p>changing can be very different from place to place.</p> <p>6. Urban Design</p> <p>How urban designs are responding to those forces? What are the forces that shaped the design solutions?</p> <p>Other possible topics: Planning/Building regulations, Culture/arts and crafts, Conflicts etc.</p> <p>October 10 Introduction</p> <p>October 24 Discussion: student proposals for assignment 1</p> <p>November 7</p> <p>Assignment 1: major forces influencing cities</p> <p>November 21</p> <p>Assignment 1: major forces influencing cities</p> <p>December 5 Assignment 1: presentation 3, Urban design solutions</p> <p>December 19 Assignment 2: Future trajectory of cities and urban design</p> <p>January 16 Assignment 2: Future trajectory of cities and urban design</p> <p>January 30 Discussion</p>
Keywords	
Method	Student presentations and class discussion, research-based
Textbooks	
Reference Books	
Study Consultation (Office Hour)	During class hours and 9AM to 5PM on Monday and Tuesday
Additional Information regarding Evaluation Method	
Others	
File	
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