

Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



Graduation Plan: All tracks

The graduation plan consists of at least the following data/segments:

Personal information	
Name	Haiqi Deng
Student number	4905040
Telephone number	
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Studio	
Name / Theme	Public Building/ Graduation Studio Public Condenser: The Hague - Copenhagen
Teachers / tutors	Henk Bultstra, Jelke Fokkinga
Argumentation of choice of the studio	Public building as a social space, on the one hand, is an expression of institutional power, on the other hand, is collectivity of private everyday life. Today our world becomes fluid that the way people perceive time and space is undergoing a tremendous revolution due to the hyper-connectivity of information. Thus I hope to explore the flexibility, mobility and adaptiveness in architecture and urban domain through the research of "Public Condenser" within multiplicity and complexity of political, economic and cultural conditions.

Graduation project	
Title of the graduation project	Encounter of Unknown: Indeterminate Public Space
Goal	
Location	Vesterbro, Copenhagen, Denmark
The posed problem,	The impenetrable perimeter urban morphology sets unfriendly boundary between public and private realms. Even for public space, there exists specified rules or predetermined conditions that limit the accessibility. As a result of gentrification, invisible socioeconomic thresholds aggravate the segregation among groups, which also constrains the social interaction in Vesterbro.
research questions and	What are the preconditions for aleatory occurrence of social interaction? Can unexpected public activities be catalyzed by specific spatial characteristic?
design assignment in which these result.	My objective is to design a public condenser that facilitates the encounter of unknown, a communal place for sharing and creativity. Instead of proposing fixed programs that inform people how to behave, the public condenser allows spaces for multiple narratives by diverse users.

Process

Method description

My research approach is situated in the epistemic framework of praxeology and absorbing theoretical knowledge from sociology and psychology. Apart from means of observation, mapping and typological analysis, the investigation also looks into historic avant-garde precedents such as *New Babylon* by Constant as well as other referents ranging from art installation to music and choreography.

Literature and general practical preference

Bourdieu, Pierre. *Outline of a Theory of Practice*, translated by Richard Nice. Cambridge: Cambridge University Press, 1977.

Conde, Yago, Hammond, Paul and Goller, Bea. *Architecture of Indeterminacy*. 1st ed. Barcelona: Actar, 2000.

Debord, Guy. *Theory of the Dérive*. Les Lèvres Nues No. 9, Paris, 1956. Reprinted in *Internationale Situationniste* No. 2, Paris, 1958, Translated by Ken Knabb.

De Certeau, Michel. *The Practice of Everyday Life*. Berkeley: University of California press, 1984.

Foucault, Michel. 'Des espaces autres. Une conférence inédite de Michel Foucault', *Architecture, Mouvement, Continuité* 5 (1984): 46–9.

Hill, Jonathan, "The Use of Architects." *Urban Studies* 38, no. 2 (February 2001): 351–65.

Huizinga, Johan. *Homo Ludens: a Study of Play-element in Culture*. Routledge: art.yale.edu, 1944.

Koolhaas, Rem, et al., 'Social Condenser: Universal Modernization Patent', Content: *Perverted Architecture*. Cologne: Taschen, 2004.

Wigley, Mark. *Constant's New Babylon. The Hyper-Architecture of Desire*. Rotterdam: 010 Publisher, 1998.

Withagen, Rob, and Simone R. Caljouw. "Aldo van Eyck's Playgrounds: Aesthetics, Affordances, and Creativity." *Front. Psychol.*, 4 Jul 2017.

Reflection

Relevance

The proliferation of science lies in its legibility and distinguishing between functions. Thus the operation of technics always tries to eliminate the indeterminacy and expel it from the calculation as an illegitimate accident. An obstacle to rationality is to interdict the possibility of everyday practice of the city. My thesis questions the dominance of functionalist technocracy in architecture and urban planning. In consideration of the dynamic social praxis, it is crucial to redefine the realm of public and reflect on the stratification of space. The underlying multiplicity offers a new insight of positioning architecture beyond disciplinary delimitations.

Time planning

Month	Week	Tasks
September	1.1-1.2	Thematic research - Copenhagen
	1.3	Site visit - Copenhagen
	1.4	Group research presentation - Copenhagen
October	1.5	Site visit - The Hague
	1.6	Thematic research - The Hague
	1.7	Group research presentation - The Hague
	1.8	Public building case analysis

November	1.9	P1 presentation
	1.10- 2.3	Individual research: - Forming position and programmes - Site analysis
December	2.4	- AR3AP010 paper abstract - Site model 1:500
	2.5	AR3A160 Final paper submission
	2.6	- Spatial organization - Draft massing model 1:500
	X'mas break	
January	2.7	Preparations for P2 presentation: - Research Book - Design Journal - Graduation Plan with Design Objectives for MSc4 - Design Manifesto - Design Brief - Concept Design (including position towards multiplicity) - Draft design drawings plans, sections and elevations 1:1000/1:500
	2.8	P2 presentation
	2.9	Processing P2 feedback Make plan for the following weeks
February	2.10	AR3AP010 Final paper submission
	Spring break	
	3.1	Further develop conceptual design to definitive solutions on a more detailed scale
	3.2	Develop programmatic placement and interior routing
March	3.3	Develop design strategies for structure, material and sustainability
	3.4	Update drawings
	3.5	Preparations for P3 presentation: - Draft reflection - Design drawings plans, sections and elevations 1:200 - Set up details
	3.6	P3 presentation
	3.7	Processing P3 feedback Make plan for the following weeks
April	3.8	Design development of the above in more detail (from 1: 100/50 to 1:20/5)
	3.9	Visualization studies of important elements
	3.10	translation of the Design Manifesto of MSc3 into a Project (1: 20/10/5)
	4.1	Description text with storyline and concept clarification diagrams

May	4.2	Finalize individual reflection Produce drawings for P4 presentation
	4.3	Final preparations for P4 presentation: - Theoretic and thematic support of research and design - Final reflection on architectonic and social relevance - Site plan 1:500 - Plan ground level 1:200 - Plans, elevations, sections 1:100/1:50 - details
	4.4 - 4.6	P4 presentation
June	4.7	Processing P4 feedback and update the drawings
	4.8	Finalizing the final presentation and produce final model
	4.9	Final preparations for P5 presentation: - Plans, sections, elevations 1:100/1:50 - 3d presentations (exterior as well as interior) - Physical models - Relevant details describing the project, including the integration of interior elements, materialization and structural designs
	4.10 – 4.11	P5 presentation