

Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



Graduation Plan: All tracks

Submit your Graduation Plan to the Board of Examiners (Examencommissie-BK@tudelft.nl), Mentors and Delegate of the Board of Examiners one week before P2 at the latest.

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

Personal information		
Name	Chaewon Yoo	
Student number	5046599	
Studio		
Name / Theme	Complex Projects Graduation studio / Hotel New York	
Main mentor	Hrvoje Smidihen	Design Mentor
Second mentor	Gilbert Koskamp	Building Technology Mentor
Third mentor	Dan Baci	History / Theory Mentor
Argumentation of choice of the studio	<p>Architects should be able to understand not only their buildings but also surrounding contexts and environments. So I thought that this studio's research direction was very suitable for me, who is very interested not only in architecture but also in the urban field. This studio maintains a proper balance from large-scale urban planning in group works to each building assigned to individual projects. Urban planning on a large scale works together like with experts from all fields to conduct real projects, and everyone can learn teamwork through discussion. In it, individual projects are also developed in relation to urban planning, and those projects affect each other and create synergy. All of these are valuable skills that we can learn in this studio. And this is the reason why I chose this studio. I have always wondered about the result of each small change that gradually makes a big difference. In that sense, I'm sure this studio's methodology will satisfy the things I crave.</p>	

Graduation project	
Title of the graduation project	Migration of Atmosphere - South Korean Embassy
Goal	
Location:	Lelyboskade, 3024 PC Rotterdam, The Netherlands (Delfshaven)
The posed problem,	Every space has its own atmosphere. My graduation project begins with studying what elements constitute the

	<p>atmosphere of space. When people sensing a space for the first time, they may grasp the atmosphere of a particular place or city directly through the eyes. And then, the auditory and olfactory parts could give an indirect feeling of atmosphere. Like this, there are various elements that make up the atmosphere of the place: visual, colors, materials, smell, sound, noise, mood, feeling, memories, climate, temperature, culture, etc. Take "The Therme Vals (1996)" by Peter Zumthor as an example. This building is a very good example of stimulating the five senses and giving a feeling of the atmosphere of the building. The material of this building is made of Quartzite, which has a strong locality of Switzerland, and the surrounding scenery is also impressively showed how Switzerland is. And the sound of water everywhere, and the smell of stones and water make the atmosphere stronger.</p> <p>Then, what would happen if "The Therme Vals" moved into the middle of a crowded city? Is it still "The Therme Vals" or just a public bath in the city? Is it still the atmosphere of Switzerland, or will another new atmosphere be born? What are the elements that keep "The Therme Vals" atmosphere if it is maintained and how are such elements contributing to certain space? Through like these questions I would like to delve deeply into the meaning of "migration of atmosphere".</p>
<p>research questions and</p>	<p>How can such elements that determine the atmosphere of the space be applied to the real space to derive the natural atmosphere of the space?</p>
<p>design assignment in which these result.</p>	<p>The above problem and research question began by thinking about the definition of migration. When I think of migration, I think of human movement first. The movement of people is not just the movement of people, but the movement of their overall background, environment, that is, atmosphere. Then one of the most powerful factors that determined their atmosphere might be the background and environment, in other words, the country. And this idea led to the program being decided as the embassy. Furthermore, the South Korean Embassy was finally decided due to the strong link between the Netherlands and South Korea, including the Dutchman Hamel's first visit to Korea in 1653 and the ongoing active exchange between Rotterdam and Busan.</p>

There are many immigrants in the world. For various reasons, such as work, study, or family, they leave their hometown and flow into a new country to start adapting. Also, there are many travelers in the world. To have new experiences, meet new people, and feel new feelings, they leave for a new country. For people like them, what if the space like an embassy, which is a "small country" that they will visit at least once in their lives, feels like a real hometown to them, wouldn't that be a successful "migration of atmosphere"? Therefore, my project focuses on whether the building gives off a genuine Korean atmosphere, so that people in the country can feel home when they enter the building, then studies how this building affects the surrounding environment. And the final goal is that make this result of new experiment to play an important role in relations with other countries as well as our group's site.

Process

Method description

The graduation project is carried out with a proper balance between group research and individual research. Collaborative group studies find problems and new potential by collecting and analysis of a wide range of information from a given site. The results of the analysis solve problems, establish new appropriate plans, and give a new identity to the site. At the same time, personal research sets a theme and sets up research questions by collecting and analyzing a wide range of data related to the topic. It also continues to lay the groundwork for design, such as setting up a site and programs suitable for the topic. Design interventions that occur at this time should not only be well aligned with the strategies of group research, but also should be carried out in anticipation of some degree of synergy with the studies of other individuals around them. In this way, each person's strategy and the group's overall plan are combined to create a beautiful master plan.

While the study up to P2 focused on quantitative collection of information for the overall research, P3 requires more in-depth study of the specified target. More research is needed not only on building-related research like program analysis, layout of space and research on materials, but also on how to combine topics and designs well. In addition, various methods, including sketching and 3D modeling, will be used as the main methods while conducting design research.

Literature and general practical preference

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Anticipating and reproducing the flow of affective experience in Blackpool.

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Mikkel Bille Bjerregaard, Tim Flohr Sorensen Peter. (2015).

Staging atmospheres: Materiality, culture, and the texture of the in-between.

"Emotion, Space and Society", 31-38.

Zumthor Peter. (1998). "Thinking Architecture."

New York: Princeton Architectural Press.

김왕직. (2007). "알기쉬운 한국건축 용어사전." 서울: 동녘.

모임한옥을 위한 건축인 새로운. (2007). "한옥에 살어리랏다." 서울: 돌베개.

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한옥협동조합. (2016). "아름다운 집, 우리 한옥." 서울: 스토리뱅크협동조합.

Reflection

1. What is the relation between your graduation (project) topic, the studio topic (if applicable), your master track (A,U,BT,LA,MBE), and your master programme (MSc AUBS)?

I understand that this studio is conducting research on various scales, from buildings to cities. The overall master plan of the city and the individual design are studied simultaneously. This approach is essential for understanding and designing a better urban environment for the future. Furthermore, the studio's theme, "Migration", was a very important source of inspiration and a starting point for my project. In the course of the project, globalization issues such as urbanization, politics, society, economy, and densification had to be considered, and this capability is one of the skills that architects need today. In addition, the

architecture master track requires the inclusion of architectural environments, urban future, sustainability, etc. in all projects, so it can be seen that the graduation project topic, the studio topic, and master track are all strongly related.

2. What is the relevance of your graduation work in the larger social, professional and scientific framework.

As globalization progresses worldwide, the emergence of people of various nationalities in various countries is increasing. Those people might be immigrants or travelers. This is evidence that the pace of exchanges between countries is increasing. This situation is not only true for individuals, but also for businesses and organizations. For instance, it has become more difficult to find countries that are hard to see Apple or Samsung. This can be seen as an increasing importance of exchanges with other countries. In other words, the proper response from the embassy is more required. I aim to design embassies required by the present society through my graduation project. I would like to not only design a building suitable for the globalized market, but also give some public function to it and further study how it can build relationships with the surrounding community. And I want to start this experiment in Rotterdam.