

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	Hasan Hashas
Student number	5867525

Studio		
Name / Theme	Design of the Urban Fabrics	
Main mentor	Robbert Jan van der Veen	Urban Design
Second mentor	Birgit Hausleitner	Urban Design
Argumentation of choice of the studio	My keen interest in architecture and urban design has guided me towards a design-focused studio, wherein both qualitative and quantitative methodologies serve as the driving forces behind the projects.	

Graduation project	
Title of the graduation project	The 0th Place: Utilizing Urban Cracks as Experimental Sites
Goal	
Location:	The Brandgrens, Rotterdam, The Netherlands
The posed problem,	Neglected urban spaces, termed as 'cracks,' pose a critical challenge for effective placemaking and place identity in terms of spatial morphology and perception in the urban fabric. 'Cracks' are usually a result of unnoticed, unutilized residual spaces caused by rapid development occurring in major cities, next to old fabrics (porosity of fracture) (P. Vigano 2006, 2016). The current lack of transformation and integration of these spaces into the urban environment hinders community involvement, sustainability, and identity formation, leading to a missed opportunity for vibrant, community-centric places.

research questions and	How can the identification of urban voids (cracks) and the strategic integration of the '0th place' concept be successfully realized within the field of urban design?
design assignment in which these result.	1- Catalog of Spaces and Opportunities 2- Catalog of Urban Acupuncture

the project aims to provide meaningful answers to the complexities posed by neglected urban spaces, contributing to the field of urban design research and practice. By exploring the intricacies of these spaces in the context of placemaking, spatial morphology, perception shaping, and place identity, the project delves into a clearly defined area of research. The problem statement emphasizes the critical challenge these neglected spaces pose, emphasizing the need for a robust theoretical framework. The resulting design assignment focuses on creating two essential catalogs: one cataloging these spaces and potential opportunities, and another catalog of urban acupuncture interventions.

Process

Method description

This study employs a comprehensive research and design approach. Beginning with a **literature review**, it explores neglected urban spaces, placemaking, and relevant concepts. **Case studies** provide insights from successful interventions, while **surveys and interviews** capture community perspectives. **Spatial analysis** examines physical characteristics and their impact on behavior. A **comparative analysis** considers diverse design approaches. **Integration strategies** emerge from literature, cases, and community input. **Design-testing and iteration** refine proposed interventions. Thorough documentation ensures a comprehensive understanding. **Site visits** play a key role in firsthand observation and data collection.

Literature and general practical references

The project centers around spatial morphology, perception, and place-making. Spatially, the emphasis lies in defining "cracks" and voids, drawing inspiration from works such as "Finding Lost Space" by Roger Trancik, "The Charged Void Urbanism" by Simthons, "City Within the City" by Ungers, and "Porocities" by Paula Vigano. Exploring perception involves delving into Place Identity, where insights from philosophers like Merleau-Ponty, Deleuze, Guattari, Lefebvre, Goodman, and Virilio are in the "Thinkers for Architects" series. These theories, encompassing embodied experiences, non-hierarchical spatial arrangements, socially constructed space, perceptual shaping, and technology's impact, form the basis for the argument on how we perceive these spaces. In the realm of placemaking, the integration of non-Western urbanism theories would enrich perspectives with diverse approaches from non-Western cultures in the comprehension of public spaces.

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

My graduation project topic, focused on neglected urban spaces, aligns seamlessly with my master's track in urbanism. The exploration of spatial morphology, perception, and place-making directly contributes to the core principles of urbanism. The Master of Science in Architecture, Urbanism, and Building Sciences program provides a comprehensive platform for delving into the intricacies of urban design, making my graduation project an integral part of my academic journey. The relevance of my graduation work extends beyond the academic realm into the larger social, professional, and scientific framework. Addressing the challenges posed by neglected urban spaces has direct implications for creating more inclusive, vibrant communities. Professionally, the insights gained contribute to shaping effective urban design strategies. From a scientific standpoint, the project adds valuable knowledge to the discourse on spatial morphology and perception, offering potential solutions for enhancing urban environments.