

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.

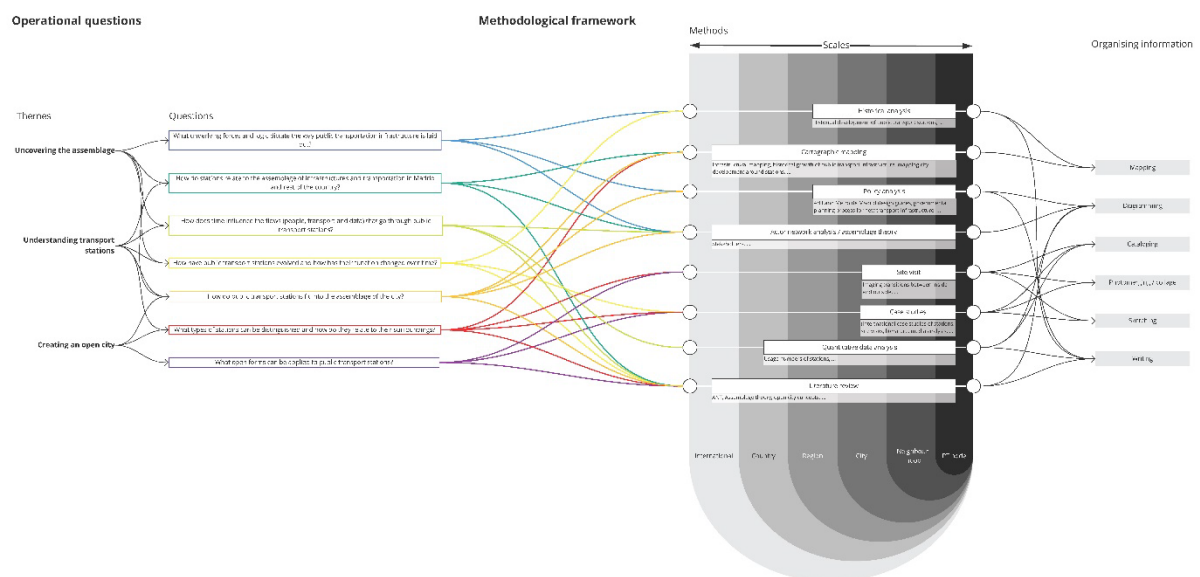
The graduation plan consists of at least the following data/segments:

Personal information		
Name	Tim ter Heide	
Student number		
Studio		
Name / Theme	Architectural Design Crossovers The expanded city / Madrid	
Main mentor	Roberto Cavallo	Architectural Design Crossovers
Second mentor	Georgios Karvelas	Architectural engineering and technology
	Agnes van der Meij	Architectural Design Crossovers
Argumentation of choice of the studio	I like the interdisciplinary and cross domain approach of the studio. I have also followed the MSc1 and MSc2 courses of the track Urbanism. This studio allows me to implement the knowledge that I have gained during these courses. Moreover, I already know the city of Madrid, making it possible to make a more in-depth graduation project.	
Graduation project		
Title of the graduation project	Public (transport) space	
Goal		
Location:	Mendez Álvaro / South station, Madrid, Spain	
The posed problem,	Public transportation is in constant transformation. Currently, the push for sustainable transportation puts the transport hub centre stage, making these places even more important as public spaces. Moreover, the public transport station is subject to changing city dynamics. The constantly reconfiguring assemblage of infrastructures continuously alters the role of the station in it. Leaving the station in a constant attempt to keep up. The assemblage of	

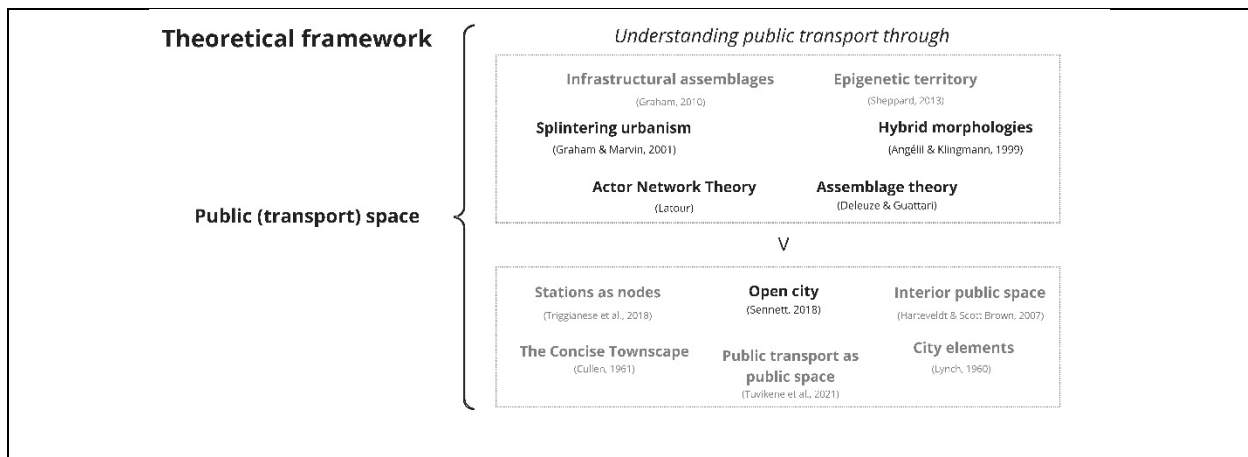
	superimposed infrastructures has created transport hubs that are poorly navigable and surrounded by boundaries that close off the station from the adjacent city. This prevents the station from becoming an open, accessible and integrated public space.
research questions and	How can the assemblage of the public transport of Madrid be uncovered and inform the reconfiguration of public transport stations to achieve an open city?
design assignment in which these result.	Hybridisation/infill/transformation/addition of the architecture of the station. Reconfiguring the spaces from the station's platforms to the public space.

Process

Method description



Literature and general practical references



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.

1. The project addresses the design of public transport stations and their relation to public space. It takes Madrid as a lab to investigate this. Madrid lends itself well to this because of its extensive public transport network and high speed rail connections. The Architectural design crossovers studio is an interdisciplinary and cross-domain studio that tries to understand the city from the processes/flows that shape it. The public transportation system is one of these processes, especially in the expanded city of Madrid, where it is inseparable from the growth of the city. The connection between the public space and public transportation happens through architecture. Therefore, it strongly relates to the track of Architecture, but also has a strong urban dimension. Moreover, it is truly a topic that is embedded in the built environment. The graduation project investigates the relation between the flows of public transport, government policies, the architecture of public transportation stations and the surrounding city.
2. The graduation project addresses questions that become more important because of the rise of sustainable transportation. Public transport stations will get a more central role in the future, increasing their function as a public space. The graduation project builds upon many research and design precedents about the integration between city and public transport stations. It tries to build onto these precedents by employing different theoretical concepts such as the open city and assemblage theory in order to contribute to the discourse about the topic. Finally, it employs this existing knowledge to the site specific conditions of Madrid.