

# 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](mailto: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	Jeroen Wiezer
Student number	4472160

Studio		
Name / Theme	Heritage & Architecture, Adapting 20 <sup>th</sup> century heritage	
Main mentor	Lidy Meijers	Architecture/design
Second mentor	Liwdine Spoormans	Research
Argumentation of choice of the studio	I believe my work as an architect in the future will consist mostly of transformation projects, as the current building stock is already so large. Therefore, learning how to deal with existing architecture is a crucial skill.	

Graduation project	
Title of the graduation project	The transformation of Winkelcentrum Woensel into Woensel's new urban core.
Goal	
Location:	Winkelcentrum Woensel, Eindhoven
The posed problem,	The mall deals with many problems like vacancy, too much parking and a lack of connection to the surrounding neighbourhoods. It is also currently quite monofunctional, with people mostly going there for groceries. Lastly, Winkelcentrum Woensel and its surrounding neighbourhoods have a significantly lower average standard of living (than is average in Eindhoven), resulting in the fact that people from other parts of Eindhoven do not visit.
research questions and	How can Winkelcentrum Woensel be transformed into an urban core for Woensel, attracting people from the entirety of Eindhoven?
design assignment in which these result.	For the mall to become an urban core to Woensel (and perhaps a second city centre to Eindhoven), it needs more functions, as people demand more from

	<p>shopping nowadays, like hospitality (restaurants, cafés), entertainment (cinemas, theatres) and leisure (sports facilities, etc.). Secondly, the dwellings in the area should represent the average building stock in Eindhoven, providing a mix of cheaper (smaller) and more expensive (larger) homes. By mixing these functions and types of dwellings, Winkelcentrum Woensel should be able to operate as a city centre and a vibrant urban core of Woensel. In the design of the transformations necessary for this, the architectural value of the Van de Broek &amp; Bakema design should be taken into account, finding a balance between keeping, adding and removing, in which sustainability also plays a large role.</p>
<b>Process</b>	
<b>Method description</b>	
<p>As the largest part of the research is finished in Msc3, the results of this research will play a large role in the design process. However, my particular research will never completely be finished and during the design phase, I am expecting to learn new information which I will be able to add to the research. For this reason, I can say that both research by design and design by research are applied. The research on the influence of architectural elements of a mall on the behaviour of its users can be used to determine the execution of design elements that are found necessary in order for the posed problems to be solved. For example, if solving a problem (like parking) results in the need for stairs, the results of the research can be used to decide on what type of stairs are best for this specific location and the desired behaviour. On the other hand, in the design I might also find elements that I have not yet researched or elements that I have researched, but find new information of. This new information can be added to the research.</p>	

## Literature and general practical preference

Literature already used in the research: Jan Gehl, Cities for People; Rem Koolhaas, Elements of Architecture; Amos Rapoport, Human Aspects of Urban Form. Towards a Man-Environment Approach to Urban Form and Design.

Literature I expect to use during the design phase: literature provided by the studio, like; Floris Alkemade, Rewriting Architecture. 10+1 Actions; Bie Plevoets, Adaptive Reuse of the Built Heritage. Concepts and Cases of an Emerging Discipline; Ana Pereira Roders, Re-Architecture: Lifespan Rehabilitation of Built Heritage. I can use this literature to investigate intervention strategies.

## 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 am doing a transformation of a building/area, keeping in mind the heritage values, sustainability and social-economic values that might change with the transformation. I think that speaks for itself what the relation with the master (track) and studio is.

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

Firstly, despite the fact that my design will never be executed, I hope to find solutions for a case like Winkelcentrum Woensel on how to deal with vacancy in malls, but also urban areas that should be an urban core, but currently do not act like it. Secondly, my research on the effects of architectural elements is something that (in my eyes) could be a vital piece of information for architects. Each of these elements – like a floor – seem simple, but the effects of such an element are more complicated than one might think. To have this information assembled in a collection, could become very valuable in the future. I say future, because currently, the collection is far from complete. Due to time and resource limitations, I have only been able to research several elements. However, in the future, I hope to keep adding to this research, making it more and more complete.