

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	Merel Schouten
Student number	5040574

Studio		
Name / Theme	Graduation Studio Revitalising Heritage	
Main mentor	Lidy Meijers	Architecture
Second mentor	Wido Quist	Research
Argumentation of choice of the studio	I am interested in renovating existing buildings in contrast to creating new buildings. The maritime industry includes a lot of abandoned buildings with character which can be used for the future design and that is what is interesting to me.	

Graduation project	
Title of the graduation project	From waste to resource
Goal	
Location:	Slidrecht
The posed problem,	Currently, too many projects entail a lot of waste, whereas it can also be used as a resource
research questions and	How can waste flows be brought together within the Waterdriehoek to revitalise the maritime industrial heritage?
design assignment in which these result.	Creative reuse for new design
<p>[This should be formulated in such a way that the graduation project can answer these questions. The definition of the problem has to be significant to a clearly defined area of research and design.]</p>	
Process	
Method description	
The aim of this research is to investigate if waste generation can be reduced within the maritime industrial heritage sites. In order to answer this, first of all some literary research is needed to get an	

idea of the history of the site. This together with analysing the context by mapping important elements of the surroundings will be done in the beginning of the research so this information can be used to form the problem statement and create the research questions. Physical essence models are made to understand some important elements of the project.

Additionally, some first concepts will be made, from which questions may arise of how to achieve them. Also, site visits will be done multiple times throughout the research and design process, while different stages of the process might add different insights on the particular subjects one is working on.

Literary research about the different themes of the concepts can give some background information needed so afterwards examples of case studies can be researched in order to find out how it has been done before with other projects. By this means, it might be possible to form a material bank of a specific location. As a better general comprehension is generated, the case studies will be narrowed down into the maritime industrial framework to investigate what kind of creative reuse is possible, which can then be implemented for the site in question.

By reflecting and checking the outcomes of the research within the design process, the research and design of the renovation of the site will be combined into one big project.

Literature and general practical references

[The literature (theories or research data) and general practical experience/precedent you intend to consult.]

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.