

Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



Graduation Plan: Architectural Engineering

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	Mohammad Saied Alhau
Student number	4758692

Studio	
Name / Theme	Architectural Engineering studio / Second life.
Main mentor	Thijs Asselbergs
Second mentor	Elise van Dooren
Argumentation of choice of the studio	One of the things that interested me in choosing this architectural studio is that this studio provides freedom in choosing the engineering and architectural challenges to be addressed in the graduation project. In addition to that, one of the studio tracks is related to the second life of architectural buildings, which I consider myself a supporter of this idea, as I believe that any building deserves a second chance to survive and benefit from it in new and different fields that benefit individuals and society as a whole.

Graduation project	
Title of the graduation project	Vibrant spaces
Goal	
Location:	The Hague.
The posed problem,	The design of our public spaces has tended to exclude natural elements such as green and water spaces. Mostly due to its maintaining and caring tasks that should be set regularly. Above that, the climate change facing our planet has an enormous effect on humans and nonhuman species. This makes working on a solution to the first statement more difficult while designing our buildings. While our existing buildings are not corresponding with the new climate changes and are rarely compatible with attractive social architecture and sustainable pleasing environments. As architects, we must work on re-designing

	these buildings in accordance with the new sustainable conditions and climate requirements of our social life.
research questions and	What aspects can be utilized in the redesign of buildings to achieve vibrant - more specifically-sustainable and social public spaces?
design assignment in which these result.	How can the in-between spaces be redesigned to create vibrant spaces within an existing vacant building in a new urban area?

Process

Method description

To provide a complete answer to the research question, a case study approach was adopted to analyse some existing architectural precedents. These cases were selected through established systems and standards by architectural organizations and institutions concerned with evaluating modern and old architectural buildings and projects. Which in turn evaluates the process of identifying and implementing green building design, construction, maintenance operations and solutions, and the impact of these projects on individual life, society, natural resources and climate.

Literature and general practical preference

Within the research section, four architectural cases will be analysed and discussed as architectural precedents to be used in the research and design process for the graduation project.