

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	Stepan Serdiukov
Student number	4541618

Studio		
Name / Theme	Complex Projects, Bodies and Buildings	
Main mentor	Hrvoje Smidihen	Architecture
Second mentor	Jelmer van Zalingen	Architecture
Argumentation of choice of the studio	Personal interest in complex buildings with different user types. It is an interesting challenge to find a design solution that fulfils the requirements of a building in the age of data driven design.	

Graduation project	
Title of the graduation project	New Foreign Office building in Berlin

Goal	
Location:	Berlin
The posed problem, research questions and design assignment in which these result.	<p>What makes a building a Berlin building? What the perspective of the human body inflicts in the design of the building?</p> <p>Which Building typology could be considered a Berlin- building? To which extent should a building and its program be generic vs. specific? How is servant space evolving in the public building to increase architectural performance?</p> <p>Designing a Ministry of Foreign Affairs within the context of Berlin. By focusing on global relevance, the urban context of Berlin, specific building concepts, functionalities and technology, materializations, and critical details</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.]

Process

Method description

Open Data sources to collect data about Berlin.

Case studies. To collect data about the building typology, it is necessary to analyse historical precedents, and emphasise technical equipment, in order to make a typology choice between a generic or specific building type in the context of Berlin.

Literature research will be used to inventorise technical developments that could be applied in the design.

[A description of the methods and techniques of research and design, which are going to be utilized.]

Literature and general practical preference

Literature work on high-tech architecture focusing on technical spaces.

Literature work on historical precedents.

Open government sources to collect data about specific requirements about Ministry buildings.

Open city sources about Berlin to collect data regarding population statistic, city developments, infrastructure and accessibility.

[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)?

My graduation topic of technical spaces in the public building is closely related to one of the studio topics questioning if the building is supposed to have a generic or specific quality. Technical spaces are one of the main components that will specify whether the building could be transformed from the office function to a hospital or laboratory. The relation between graduation, studio topic and master program help me develop skills on how to conduct complex tasks, collect data and elaborate on that by means of design and research.

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

My graduation work will explore how to design a better government building for a new political context. A new view on politics will focus on the new challenges by means of new and suitable architecture that will activate its users to perform in a future proof way.