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:

<table>
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<tr>
<th>Personal information</th>
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<tr>
<td>Name</td>
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<td>Student number</td>
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<td>Telephone number</td>
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<td>Private e-mail address</td>
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<th>Studio</th>
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<td>Name / Theme</td>
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<td>Teachers / tutors</td>
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<td>Argumentation of choice of the studio</td>
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<th>Goal</th>
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<td>Location:</td>
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<td>research questions and</td>
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De Brandweer Kantine sits at the verge of the city of Maastricht. The area has a long history as part of the industrial heritage throughout the city and is currently undergoing a process of transformation. The former fire station now accommodates a small restaurant and to its north-east the construction of a new housing complex is going on, which turns the area’s fabric into a fragmented state and creates potential connections between the existing structures and the urban institution. The challenge of re-organizing public spaces in the area and creating the identity using stone as the material, calls for a contextualised concept of place-making in the public interior.

The new institution will not only be a center which accommodates the archive of history and contemporary production, but also a place that embodies the culture of craftsmanship and a long tradition of building with natural stone in Maastricht, through abstracted, yet representative forms derived from the everyday.

### Process

#### Method description

**Architectural Research**

- Typology study on the stone entrances and buildings in Maastricht, using illustration, technical drawings and a gypsum model to generate an in-depth analysis on the local building tradition and the character of stone as a building material that shaped the urban form of Maastricht.
- Casting a gypsum model with Kunrader stone from the local quarry to get more experience on working with the specific material.

**Research Seminar**

- Anthropological observations and in-depth interviews to develop an understanding of how the material culture of stone relates to human practices of use and meaning.
- An academic booklet/leporello and a soft map based on the fieldwork and literature.

**Design Studio**

- Scale exercise to get more in-sight on the quality in different compositions of volumes. By taking the buildings which have previously been studied in the Architectural Research and placing them into the plot, the scale and proportion is put to test.
- Position paper, by taking a certain position one builds his own framework of thoughts to address the issue in the practical matter of design. It helps finding the guiding theme for the project.
Literature and general practical preference

Literature


Practical preference:
- Textiel Museum by cepezed
- New Port Gallery by Caruso St. John
- Chapel of the Resurrection by Sigurd Lewerentz

Reflection

Relevance

The graduation project Maastricht, city of stone, interprets the year theme of the 'City as an Archive' as as study of material culture. The city of Maastricht will function as the context, and we will consider its distinct local building tradition and urban form as a source for a new intervention.

Stone is a building material that has shaped the appearance of Maastricht and continues to do so. We will follow the material from the local quarry, to the stonemason, arriving at the urban city fabric in order to discover local cultures of making. Issues to be discussed are: How to work with concepts such as genius loci and place making in a globalised world? How can materials shape the appearance of a city and how can this be a source of inspiration today? What are the technical, innovative options (cladding, decoration, stapling) of working with (natural) stone today? Collaborations with Bureau Europa, the TU Delft natural stone archive and knowledge of our colleague Wido Quist, and the local quarry of Kunrader Stone will localise the discussions and offer possibilities for dissemination. The re-interpretation of stone as a building material in the widest sense will be part of the project.

Time planning

Research and Workshop

Architectural Research on stone entrances in Maastricht (2016.09.06-2016.11.17)
- taxonomy and typology study;
- illustration drawings and texts of research conclusions;
- illustrative model;
- research booklet

Kunrader Stone Workshop in Maastricht (2016.10.10-2016.10.14)
- scheme of gypsum model making;
- gypsum model of entrances;
- presentation posters --- isometric drawing, site plan, texts

Research Seminar (2016.09.06-2017.02.03)
- phenomenological observation;
- interview with local people;
- soft map and leporello

Design Studio
P1 (2016.09.06-2016.11.17)
- research and conclusions;
- site analysis;
- scheme models and concept design;

P2 (2016.11.18-2017.01.12)
- master plan scheme, urban approach;
- mass design, related with program;
- scheme of the design narrative --- integrated with former research and seminar;
- draft design, with technique drawings --- plans, sections, elevations, 1:200 scale
- and draft perspective;
- architectural position paper, related with research and design strategy;
- graduation plan

P3 (2017.01.13-2017.04.06)
- draft design reflection;
- development of plans, facades, cross-cuts, to the scale of 1:100;
- part of the building, plan and cross-cut 1:50;
- façade fragment with horizontal and vertical cross-cut 1: 20;
- building technology, detail drawings and model 1:5;
- interior model and model pictures/images concerning details, materials and atmosphere

P4 (2017.04.07-2017.05.18)
- final reflection on architectonic and social relevance;
- site 1:1000;
- plan ground level 1:500;
- plans elevations, sections 1:200;
- model 1:200 and interior model 1:33;
- model concerning certain aspects, structural and detail…;
- part of the building, plan and drawings 1:50;
- façade fragment with hor. and vert. cross-cut 1: 20;
- details 1:5

P5 (2017.05.19-2017.6.30)
- model making and summary of outcome.