Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences
# Graduation Plan: All tracks

The graduation plan consists of at least the following data/segments:

<table>
<thead>
<tr>
<th><strong>Personal information</strong></th>
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<tbody>
<tr>
<td><strong>Name</strong></td>
<td>Sebastiaan Buitenhuis</td>
</tr>
<tr>
<td><strong>Student number</strong></td>
<td>4036727</td>
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<td><strong>Telephone number</strong></td>
<td>+31611142862</td>
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<tr>
<td><strong>E-mail address</strong></td>
<td><a href="mailto:s.b.buitenhuis@gmail.com">s.b.buitenhuis@gmail.com</a></td>
</tr>
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<table>
<thead>
<tr>
<th><strong>Studio</strong></th>
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<tbody>
<tr>
<td><strong>Name / Theme</strong></td>
<td><strong>Complex Projects: Border Studio</strong></td>
</tr>
<tr>
<td><strong>Teachers</strong></td>
<td>Sven Jansse, Mitesh Dixit, Karel Vollers (BT)</td>
</tr>
<tr>
<td><strong>Argumentation of choice of the studio</strong></td>
<td>The idea behind complex projects is to start your design from every layer. Looking at every scale to inform your design as an approach was what interested me.</td>
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<table>
<thead>
<tr>
<th><strong>Graduation project</strong></th>
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<tbody>
<tr>
<td><strong>Title of the graduation project</strong></td>
<td>Representative Parliament of the Border States</td>
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<table>
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<tr>
<th><strong>Goal</strong></th>
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<tbody>
<tr>
<td><strong>Location:</strong></td>
<td>El Paso (TX), Ciudad Juarez (CHI)</td>
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<tr>
<td><strong>The posed problem,</strong></td>
<td>With the new proposed structure of the USA/Mexico border region we need a new representation of government which oversees certain aspects of this area.</td>
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<tr>
<td><strong>research questions and design assignment in which these result.</strong></td>
<td>In what way does a new bi-national government function, how is it possible to think of a new way of representation without the old dogma’s of authority and repression. How does this new territory want to be governed and what are the results of that for the architecture. The design of a building in which the relationship between the people and the politicians is of the biggest importance. Open vs. closed, transparent vs. opaque, levels of security and public access.</td>
</tr>
</tbody>
</table>

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
Through the analysis of existing and proposed governmental buildings finding out what are the most important aspects of national representation.

### Literature and general practical preference

Building examples:
Reichstag, Berlin (Foster and Partners)
Capitol Building, Washington DC. (William Thornton)
Tweede Kamer, Den Haag (Pi de Bruin)

## Reflection

### Relevance
New political realities and trans-border trade will lead to a new perspective on existing borders.

## Time planning
P2 PRESENTATION (GO/NO-GO) 22 JANUARY 2015
Max. 30 minutes presentation
Min. 15 minutes of questions and appraisal

Contains:
Graduation plan based on template
Urban draft /master plan 1:1000/1:500
Programme /list of requirements
Provisional research (results)
Provisional /draft design (plans, sections, elevations) 1:200

Preparations
Hand-in research and graduation plan at the Board of Examiners, main mentor, mentors and external examiner at least one week before P2

P3 WEEK 8 OR 9 OF MSC 4
30 minutes presentation
15 minutes questions
Evaluation of working method and progress

Contains:
plans, facades, cross-cuts, 1:200/1:100
part of the building, plan and cross-cut 1:50
facade fragment with horizontal and vertical cross-cut 1:20
Details 1:5

P4 FINAL APPLICATION DATE 17 APRIL 2015

P4 PRESENTATION (GO/NO-GO) 11-22 MAY 2015
15 minutes of preparation for student
Max. 30 minutes presentation
Min. 15 minutes questions and appraisal

Contains:
Theoretic and thematic support of research and design + reflection on architectonic and social relevance
Site: 1:5000 /1:1000
Plan ground level 1:500
Plans, elevations, sections 1:200 /1:100
Part of the building, plan and drawing 1:50
Facade fragment with horizontal and vertical cross-cut 1:20
Details 1:5
Reflection based on template

Preparations:
Arrange with mentors a preferred date and half-day within the P4 period
Fill in the P4 hard copy application form and collect signatures from all mentors and external examiners, deliver before deadline at the Secretary Education- & Student Affairs
Send P4 products to mentors and external examiner at least 1 week before P4
Send reflection to board of examiners, mentors and external examiner

P5 FINAL APPLICATION DATE 22 MAY 2015

P5 PUBLIC PRESENTATION 15 JUNE-3 JULY 2015
15 minutes of preparation for student
30 minutes presentation
15 minutes questions
15 minutes appraisal
15 result and graduation ceremony

Contains:
Theoretic and thematic support of research and design + reflection on
architectonic and social relevance
Site: 1:5000 /1:1000
Plan ground level 1:500
Plans, elevations, sections 1:200 /1:100
Part of the building, plan and drawing 1:50
Facade fragment with horizontal and vertical cross-cut 1:20
Details 1:5
Reflection based on template

Preparations:
Digitally store the graduation project at TU Delft repository at the latest 3 working
days before the final presentation
Complusory documents:
  Graduation plan
  Reflection report
  Presentation P5
  Set of final drawings and /or graduation report

A scheme of the division of the workload of the graduation project in the 42-week timeframe. Compulsory in this scheme are the examinations at the middle and end of the semester, if required, the minors you intend taking and possible exams that have to be retaken. The submitted graduation contract might be rejected if the planning is unrealistic