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>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name</strong></td>
</tr>
<tr>
<td><strong>Student number</strong></td>
</tr>
<tr>
<td><strong>Telephone number</strong></td>
</tr>
<tr>
<td><strong>E-mail address</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Studio</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name / Theme</strong></td>
</tr>
</tbody>
</table>
| **Teachers** | Luc Willekens (design)  
Roberto Rocco (research)  
Ype Cuperus (BT) |

**Argumentation of choice of the studio**

I have chosen ExploreLab for its possibility to organize my own graduation, connected to a wider interest/fascination.

<table>
<thead>
<tr>
<th><strong>Graduation project</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Title of the graduation project</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Goal</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Location:</strong></td>
</tr>
<tr>
<td><strong>The posed problem</strong></td>
</tr>
</tbody>
</table>
| **Research questions and** | Research (analytical and propositional) questions:  
- How does architecture articulate social segregation?  
- How could an architectural form reshape present manifestations of social segregation? |
| **Design assignment in which these result.** | [Design Assignment] |

The research on social segregation consists of two dimensions: **understanding** (part I) and **counteracting** (part II). The scope of the entire research is to investigate the phenomenon of social segregation in its sociological dimension and architectural/spatial appearance. The main goal of this research is to find out the crucial elements an architect should know about the **social and spatial dimensions** of urban segregation, in order to subsequently approach the problem with a design that counteracts the manifestations of it.

The final design assignment is the making of an architectural design that realizes social aggregation of citizens and concretizes the very urban condition of indifferent differences among them. The final design is related to the way in which social segregation takes particularly place within the context of São Paulo.
### Process

#### Method description

Primarily the phenomenon will be studied in São Paulo, a city witnessing the grave and brutal results of social segregation. The first part comprehends an urban analysis: by means of a field research comprising interviews, observations and photographic documentation, the way in which social segregation is articulated in the city will be studied. Historical-cultural, mental, socio-demographical and economical aspects, underpinning this articulation, are part of the complementary literature study (part I).

Thereafter, a reference study will contribute to an understanding of how social realms can be architecturally articulated. The final discussion will assemble the research with a conclusion by means of guidelines on how architectural design could approach the problem of social segregation in São Paulo, with the aim to reshape its mental and physical manifestations (part II).

### Literature and general practical preference

Castells, M: End of Millenium,
Castells, M: city, class and power
Marcuse, P. The enclave, the citadel, and the ghetto: What has changed in the post-fordist U.S. City?
Marcuse, P. From critical urban theory to the right to the city.
Marcuse, P. Searching for the just city debates in urban theory and practice. Questioning cities.
T. Piketty, Kapitaal in de 21e eeuw
J. Goldsmith, The trap – rising long-term unemployment, increasing violence, growing poverty in urban slums, environmental deterioration
M. Echenique, A. Saint, Cities for the New Millennium
R. Senett, The culture of the new Capitalism, The corrosion of Character
M. Davis, Planet of Slums
M. Davis, Ecologies of fear
M. Davis, City of quarts
D. Sudjic, Living in the endless city (bank’s alfred herrhausen society)
M. Becker, Der Raum des öffentlichen – Escola Paulista
O. Newman, Defensible space
U. Beck, Risk society, towards a new modernity
J. Holston, Insurgent citizenship: disjunctions of democracy and modernity in Brazil
J. Mc Guirk, Driving the periphery of Sao Paulo
Z. Bauman, Confianca e medo na cidade
N. Ellin, the architecture of fear.
N. Somekh: Acidade vertical e o urbanismo modernizador
A. Silva, Imaginarios, estranhamentos urbanos
V. M. Netto, Cidade & sociedade
M Magalhaes, Na sombra da cidade
A. Bucci, Quatro imagens para quatro operacoes – da dissolucao dos edificios e de como atravessar paredes
Lanna, Peixoto, São Paulo, os estrangeiros e a construcao das cidades
T. Caldeira, Cidade dos Muros – Crime, segregacao e cidadania em São Paulo
F. de Waal, de Aap in ons – waarom we zijn wie we zijn
F. De Waal, een tijd voor empathie
Reflection

Relevance

Just as today’s growing social inequality, the problem of social segregation is global, increasing and significant as well. This graduation project could contribute to an understanding of how social segregation affects the urban living in cities, in this particular case in the city of São Paulo. An illustration of the role of architecture in the current articulation of social segregation as well as its crucial role in the counteracting of it could help the field of architecture in finding an approach.

The charge for this thesis is an investigation of social segregation in São Paulo, but many of the arguments reviewed here may also extend to other metropoles (e.g., New York, Istanbul, Paris, Moscow, Shanghai) and to other types of segregation (e.g., gender, age, religion).

Time planning

P1: Research structure; Design concepts

P2: Definitive Research structure; Literature study; Finishing of part I and Beginning of part II; Sketch Design in concept and basic plans (1:500)

P3: Finishing of part I & II Research; making of digital material/model studies; elaboration Preliminary building technology concepts/principles/details

p4: Finishing of Design in plans, sections, facades (1:200); Urban plan (1:1000), Design models, finishing of technical details (1:5/1:10/1:20)

p5: Adjustments Final Design; Finalizations technical detailing; Elaboration final presentation with P4 products