

# Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



## Graduation Plan: All tracks

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

<b>Personal information</b>	
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<b>Studio</b>	
Name / Theme	Global Housing: Cross-cultural Methods and Positions / Addis Ababa(AR3AD132)
Teachers / tutors	Prof. Ir. Dick van Gameren Dr. Ir. Nelson Mota
Argumentation of choice of the studio	I am always interested in the role of architect confronted with the rapid paces of urbanization. Ethiopia is now suffering from pressing housing issues resulted from the urban sprawl and rural-urban migration trend, which offers a great example to study the paradox between density and quality in social dwelling. Meanwhile, I see some parallel situation in some cities in China, which drives me to reflect on the existing practices and results.

<b>Graduation project</b>	
Title of the graduation project	Re-defining the social identity
<b>Goal</b>	
Location:	Addis Ababa, Ethiopia
The posed problem,	Addis is now undergoing the process of rapid urban development featuring a large-scale demolition of informal housing, which ruins the social identity and urban appearance of Ethiopia. The traditional pattern of living has also disappeared in this urban renewal process.
research questions and	What are the existing socio - spatial patterns of Addis Ababa?  How to preserve and redefine these patterns in the mass housing strategy that lay equal stress on density and quality at the same time?
design assignment in which these result.	The design will discuss the previous problems and try to give different

solutions on varied scales and time dimensions.

## Process

### Method description

Thematic research  
Site visit & Site analysis  
Case studies & Thesis reading  
Drawings & Physical models

### Literature and general practical preference

Literature to be used:

Abrams, Charles. *Man's Struggle for Shelter in an Urbanizing World*. Cambridge, Massachusetts: M.I.T. Press, 1964.

Alexander, Christopher, Sara Ishikawa, and Murray Silverstein. *A Pattern Language: Towns, Buildings, Construction*. OUP USA, 1977.

Angéilil, Marc, and Dirk Hebel, eds. *Cities of Change: Addis Ababa: Transformation Strategies for Urban Territories in the 21st Century*. Basel: Birkhauser, 2010.

Bredenoord, Jan, Paul Van Lindert, and Peer Smets, eds. *Affordable Housing in the Urban Global South: Seeking Sustainable Solutions*. Abingdon, Oxon: Routledge, 2014.

Cherenet, Zegeye, and Helawi Sewnet, eds. *Building Ethiopia: Sustainability and Innovation in Architecture and Design*. Addis Ababa: EiABC, 2012.

Fuller, Mia. *Moderns Abroad: Architecture, Cities and Italian Imperialism*. New York: Routledge, 2007.

Gadanhó, Pedro, ed. *Uneven Growth: Tactical Urbanisms for Expanding Megacities*. New York, NY: The Museum of Modern Art, New York, 2014.

Jacobs, Jane. *The death and life of great American cities*. Vintage, 1961.

Saunders, Doug. *Arrival City: How the Largest Migration in History Is Reshaping Our World*. New York: Pantheon Books, 2010.

Tipple, Graham, and Kenneth G. Tipple. *Housing the Poor in the Developing World*. London and New York: Routledge, 2003.

UN-Habitat. *Ethiopia: Addis Ababa Urban Profile*. Nairobi: United Nations Human Settlements Programme, 2008.

Precedents and practical references:

- Condominium housing scheme, Ethiopia
- Fleet Road, Neave Brown, 1966, London

## Reflection

### Relevance

The cross-cultural methods and positions help to formulate a new strategy towards the global trend of urbanization. In the meantime of pursuing high density in dwelling, how to preserve local features and social identity is also a pressing issue.

## Time planning

### PHASE 1:

Design Research and Projective Mapping

Duration: 4 weeks (1.1, 1.2, 1.3, 1.4)

### PHASE 2:

Thematic Research / Problem Statement

Duration: 4 weeks (1.5, 1.6, 1.7, 1.8)

### PHASE 3:

Field Trip /Site Survey

Duration: 4 weeks (1.9, 1.10, 2.1, 2.2)

>> Field Trip / Workshop at EiABC:

Week 1.10: 2-6 November

>> P1 Presentations:

Week 2.2: 16-20 November 2015

### PHASE 4:

Patterns of Inhabitation

Duration: 3 weeks (2.3, 2.4, 2.5)

### PHASE 5:

Design Hypothesis

Duration: 4 weeks (2.6, 2.7, 2.8, 2.9)

>> P2 Presentations

Week 2.9: 18-22 January 2016 (to be confirmed)

Week 1.1	Thursday, 3 September 2015	Notes
Program:	<ul style="list-style-type: none"> <li>- Introduction to the Graduation Studio</li> <li>- Presentation of the students and tutors</li> <li>- <u>Introduction Phase 1 (Design Research and Projective Mapping)</u></li> <li>- Formation of the "Research groups"*</li> </ul>	* Research groups should have 2/3 students each

Homework:	- Read Documentation on Ethiopia's Urban Transformation and Housing Figures; - Collect bibliographic references and sources (Group work)	
<b>Week 1.2</b>	<b>Monday, 7 September (NM), Friday 11 September 2015 (DvG)</b>	
Program:	- Discussion of bibliographic references related to the <u>Urban Transformation and Housing Figures</u> of Addis Ababa; - Presentation and discussion of the preliminary research on the housing figures	
Homework:	- Prepare a diagrammatic synthesis of key aspects for each period of urban transformation and each related housing figure.	
<b>Week 1.3</b>	<b>Friday, 18 September 2015</b>	
Program:	- Presentation of the diagrammatic synthesis of key aspects of the design research - Establishment of an Editorial Team* for the Design Research booklet, and definition of editorial guidelines. - Discuss draft version of the contents for the communication of the research output	* The Editorial Team should have 2/3 students max.
Homework:	- Elaborate presentation of the research output (screen + booklet)	
<b>Week 1.4</b>	<b>Friday, 25 September 2015</b>	
Program:	- Presentation of the outcome of Phase 1: <u>Design Research and Projective Mapping</u>	
Homework:	- Read source texts and documentation	
<b>Week 1.5</b>	<b>Friday, 2 October 2015</b>	
Program:	- <u>Introduction Phase 2 (Thematic Research / Problem Statement)</u> - Formation of the "Theme groups"* - Presentation and discussion of source texts and documentation	* Theme groups should have 4/5 students each
Homework:	- Elaborate presentation with the main topics related to each theme/issue	
<b>Week 1.6</b>	<b>Friday, 9 October 2015</b>	
Program:	- Group presentation of the main topics related with each theme/issue	
Homework:	- Develop the draft of a written piece and a screen presentation with the group's problem statement; - Finish draft version of the research booklet "living in Addis" (group work)	
<b>Week 1.7</b>	<b>Friday, 16 October 2015</b>	
Program:	- <b>Lecture by Paul van Lindert (Habitat Future / Utrecht University)</b> - Discussion of the group's draft problem statement - Hand in draft version of the research booklet "living in Addis"	
Homework:	- Prepare Field Trip	
<b>Week 1.8</b>	<b>Tuesday, 20 October 2015 (NM+DvG?)</b>	
Program:	- Hand in draft version of the research booklet "living in Addis" - Presentation of the outcome of Phase 2: <b>(Thematic Research / Problem Statement)</b>	
Homework:	- Prepare Field trip	
<b>Week 1.9</b>	<b>26-30 October 2015</b>	
Program:	- Phase 3: Field Trip to Ethiopia (detailed program t.b.a.)	
Homework:	- Prepare Site Survey	
<b>Week 1.10</b>	<b>2-6 November 2015</b>	
Program:	- Formation of "Site Survey" groups* - Site Survey and Workshop - <b>Lectures</b>	* Site Survey groups should have 4/5 students each
Homework:	- Collect survey material	
<b>Week 2.1</b>	<b>9-13 November 2014</b>	

Program:	- Field Trip	P2 Final Registration: 13 November
Homework:	- Register P2 and prepare P1 presentation	
<b>Week 2.2</b>	<b>Thursday, 19 November 2015</b>	
Program:	- P1 Presentations	
Homework:	- Collect and sort material gathered in the Site Survey; - Read source texts and documentation.	
<b>Week 2.3</b>	<b>Tuesday, 24 November (NM) Thursday, 26 November 2015 (DvG)</b>	
Program:	- <u>Introduction Phase 4 (Patterns of Inhabitation)</u> - Discuss material gathered in the Site Survey; - Definition of the Editorial Team* for the Addis Ababa Book of Patterns (AABP) - Preparation of the guidelines for the AABP	* The Editorial Team should have 2/3 students max.
Homework:	- Prepare contents for the AABP	
<b>Week 2.4</b>	<b>Thursday, 3 December 2015</b>	
Program:	- Discussion of the contents for the AABP	
Homework:	- Finalize the production of the AABP	
<b>Week 2.5</b>	<b>Thursday, 10 December 2015</b>	
Program:	- <b>Lecture by Michelle Provoost (INTI) tbc</b> - Presentation and discussion of the Addis Ababa Book of Patterns	
Homework:	- Read source texts and documentation.	
<b>Week 2.6</b>	<b>Thursday, 17 December 2015</b>	
Program:	- <u>Introduction Phase 5 (Design Hypothesis)</u>	
Homework:	- Define preliminary design hypothesis (individual)	
<b>Week 2.7</b>	<b>Thursday, 7 January 2016</b>	
Program:	- <b>Lecture by Ralf Pasel (Pasel Kunzel Architects), tbc</b> - Discussion of the individual design hypothesis	
Homework:	- Develop further the design hypothesis (individual)	
<b>Week 2.8</b>	<b>Thursday, 14 January 2016</b>	
Program:	- Discussion of the individual design hypothesis	
Homework:	- Prepare P2 Presentation (guidelines t.b.a.)	
<b>Week 2.9</b>	<b>Thursday, 21 January 2016</b>	
Program:	- P2 Presentation	
Homework:	-	
<b>Week 2.10</b>	<b>Thursday, 28 January 2016</b>	
Program:	- P2 Retake (if necessary)	