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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<tr>
<td><strong>Name</strong></td>
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<td><strong>Student number</strong></td>
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<td><strong>Telephone number</strong></td>
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<td><strong>Private e-mail address</strong></td>
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<tr>
<th><strong>Studio</strong></th>
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<tr>
<td><strong>Name / Theme</strong></td>
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<tr>
<td><strong>Teachers / tutors</strong></td>
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<td><strong>Argumentation of choice of the studio</strong></td>
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<tr>
<th><strong>Graduation project</strong></th>
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<td><strong>Title of the graduation project</strong></td>
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<th><strong>Goal</strong></th>
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<td><strong>Location:</strong></td>
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| **The posed problem,** | • Lacking of Cared facilities for aged people  
• Current care architecture could not satisfy the need in today’s context  
• Neighborhood is lacking a strong sense of community for aged people  
• The scale of care institution is too large for a neighborhood |
| **research questions and** | • How care can be provided to a wider range of aged people?  
• How care architecture could provide different gradient of privacy for residents?  
• How care environment can be provided in a neighborhood ?  
• How care architecture can be blend into existing network?  
• How to create an comfortable and cozy image for care architecture, in order to move away from its typical institutional look, without satisfy its function? |

**design assignment in which these result.**
How to design an care architecture that:
  - Fulfilling the need of elderly-care in the neighborhood.
  - Offering possibilities for different way of lifestyle for aged people
  - Fit in with existing network and context on site
  - Avoiding being monumental and institutional in the formal expression,

**Process**

**Method description**

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

**Precedent study**

- Complete Works done by other architects or students
- Excursion and site visit on reverent building
- Study and research on previous student work with similar topics

**Analytical study**

- Making Physical Models on various scales
- Producing Analytical Drawings
- Study through imagery and photographs
- Small design exercises aims at solving design problems step by step.

**Studio Critique & Discussion**

- Consult tutors on weekly basis.
- Peer study and group discussion.

**Literature and general practical preference**

[The literature (theories or research data) and general practical experience/precedent you intend to consult.]

**Case**


Reflection

Relevance

[The value of the graduation project in the larger social and scientific framework.]
1. Provide new insight into how care architecture can be design.
2. Discuss new solution on how care can be provided to aged people.
3. Challenging the typical care institution in terms of both function and formal expression, promoting cozy and intimate living environment for aged people instead.

Time planning

[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]

Week 1 - 5
- Background study on Healthcare architecture in general
- Typology Study on Hofje in Holland (Group work)
  - Carry out field Study in Haarlem (Hofje Van Staats)
  - Carry out archive research on selected case.
  - Make Analytical Drawings for selected case.
  - Produce Presentation Booklet on Hofje study
- Understand Site
  - Site visit to Schilderswijk
  - Site analysis

Week 6 - 10 (P1 Presentation)
- Typology Study on courtyard typology (Group work)
  - Study possible combination of courtyard by mass models.
- Drafting personal interpretation of healthcare architecture
  - Formulate Individual design brief
  - Formulate design question and direction
- Excursion
  - Visit healthcare architecture in various cities in Belgium
- Exercise ‘Drawing of a Room’
  - Study on Heinrich Tessenow’s drawings
- P1 Presentation
  - Booklet of Hofje Study
Mass Model Study on Courtyard Typology

Week 10 - 15
- Design Brief, Questions, Methods
  - Improve design approach according to design question
- Design Development
  - Formulating Initial planning Ideas
  - Form Study through Mass Models

Week 15 - 19 (P2 Presentation)
- Design Development
  - Formulating Idea for Space Planning Ideas: organize circulation and spaces
  - Formulate idea for Façade
  - Formulate idea for Room internal layout
  - Formulate idea for Materiality
- P2 Presentation Preparation
  - PPT of Storyline
  - Key Drawings: Plan, Section, Façade
  - Presentation Models: 1-200, 1-500 models

Week 20 - 30
- Design Development
  - Improve Space Planning
  - Formulate and develop idea for Structure
  - Formulate and develop idea for Construction
  - Formulate and develop idea for Building Technology
  - Formulate and develop idea for exterior and interior spacial quality
  - Formulate and develop idea for Details

Week 30 - 40
- Design Finalize Stage
  - Coordinate different design aspects into a coherent whole.
  - Develop and finalize Space Planning
  - Develop and finalize Structural solutions
  - Develop and finalize Construction solutions
  - Develop and finalize Building Technology requirements
  - Develop and finalize exterior and interior spacial quality
  - Develop and finalize Detail solutions

Week 41 – 42 (P5 Presentation)
- P5 Presentation Preparation
  - PPT of Storyline
  - Key Drawings: Plan, Section, Façade, Structure, Construction, Details
  - Presentation Models: 1-200, 1-500 conceptual models, 1:20 Detail Models