

Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences

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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:

Personal information	
Name	Fabian van Doeselaar
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Studio	
Name / Theme	Roosenberg
Teachers / tutors	Mechthild Stuhlmacher, Philippe Viérin
Argumentation of choice of the studio	The monastic life has always inspired me. The choice for Roosenberg as a graduation project gave me the opportunity to get a better understanding about not only the lifestyle, but including its architecture. The timeless architecture of Dom Hans van der Laan reflects the continuation of the architectural principles over the last 2000 years. The focus on detail and soul making, that is present within the studio of nteriors, correspondences with my views on the making of architecture.

Graduation project	
Title of the graduation project	Atheism in Roosenberg

Goal	
Location:	Abbey Roosenberg, Waasmunster, Belgium.

The posed problem,	The nuns of the Abbey are abandoning the building due to the decline of the monastic community in Waasmunster. The nuns have agreed on the acquisition of the Abbey by the KU Leuven, that sees its future as a study and congress centre. The task will be to visualise an architectural approach for the existing and an extension.
research questions and	Before we can give an answer to this given we should understand that we are changing from a religious architecture, affected with sacral feelings, to a new use that has an absence of these aspects. It asks for a careful investigation into the site and existing architecture to avoid conflicts between the Catholic background and the new completion. The essential question we should ask ourselves is how we change from sacral architectural, wonderfully expressed through van der Laan, to a new use without losing its fundamentals.
design assignment in which these result.	The appropriate answer as a result of the research will express itself through an architectural project, that will propose a transformation of the existing and an introduction of an extension.
<p>[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.]</p>	
<p>Process</p>	
<p>Method description</p>	

Seen from a historical perspective monasteries have had a significant role in the development of the western society. The remarkable consistent architecture has come to a sudden end due to the abundance of God in our society. With the help of a historical investigation about its origins we can grasp its essential intensions in order to understand the typology that has been taken for granted, moreover possible can give clues about what a monastery without God can mean. Secondly the existing building including its context need an extensive investigation, in particular through the specific philosophies of van der Laan that are crucial in order to understand the Abbey. The value of the context should not be underestimated and contributes to the experience of the Abbey in its own way, therefore deserves equal evaluation as the building itself. The combination of a historical research of the typology and lifestyle, supplemented by the contextual research are the basis for the framing of the design. This structure will be supported by literary sources and precedents. The methodology includes an observational side that experiments with materialisation and light through a physical model and includes excursion to reference projects.

Literature and general practical preference

- History thesis "Architecture of the desert Fathers" including its literature
- Research about reuse of churches in the Netherlands (Tokyo Tech course)
- Literature about the work of Hans van der Laan
- Literature about the relationship with nature
- Excursion Kröller müller museum, Veluwe
- Excursion museum of Catherijnconvent, Utrecht
- Investigation Klauwshofje courtyard, Delft

Reflection

Relevance

Abbey Roosenberg is going into a new stage of life and will go into a period of transformation that will be of significance, not only as single event, but perhaps can be an example for a next step into the evolution of the architectural principles of monastic life. It has proven to be successful over the last 2000 years and would be a loss to treat it as something forgotten. The extraordinary location has given the opportunity and freedom to develop new ideas about the future of the atheistic monastery. The isolated location and contemplative qualities that are present in the building and the context form a potential for students that are looking for solitude in order to study.

Time planning

The course of the specific research will need adjustments after P2. No other courses to be completed.

P1

- 1/20 Photomodel workshop results
- Conclusions of the visit
- Study on the volumes of the extension
- General ideas about an architectural direction
- Site plan 1/1000
- Model 1/1000 and 1/500

P2

- Conclusions of historical research
- Conclusions of the observations of the context
- Results of the investigation of Hans van der Laan
- General vision of the approach, including potential
- Vision and motivations for the programmatic design of the existing and extension
- Vision and motivation for architectural forms, materialisation and expression
- Floorplans, sections and elevations 1/200
- Model 1/500, 1/200 and 1/50 fragment

P3

- Vision on the interior atmosphere and materialisation.
- Vision on the detailing within the building 1/20 and 1/5
- Development of exact volumes and sizes and numbers
- Floorplans, sections and elevation 1/50
- Visuals supporting the approach for the extension
- Model 1/200, Sketch models 1/20 of fragments of the building
- Visuals of exterior and interior

P4

- Definitive floorplans, section and elevations
- Detailing of the building 1/20 and 1/5
- Climatological motivations
- Fire safety measures
- Model 1/200, 1/20
- Extensive

P5

- Revision upon the work in order to refine the design
- Simplification of the drawings to clarify the presentation
- Detailed physical models of the design
- Presentable visuals that emphasise a coherence in the plan.

