

Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



Graduation Plan: All tracks

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

Personal information	
Name	Floris Sikkel
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Studio	
Name / Theme	AR3AI045 The Architecture of the interior MSc # Healthy Environment (2015)
Teachers / tutors	Mechthild Stuhlmacher, Laura Alvarez, Jelke Fokkinga
Argumentation of choice of the studio	I have been following all the Interior studios since my BEP (final Bachelor studio). Working with models and designing on a phenomenological level really fits in my way of thinking.

Graduation project	
Title of the graduation project	A care centre in the Plantage, Amsterdam.
Goal	
Location:	Plantage, St. Jacobs Elderly home.
The posed problem,	The Netherlands have all sorts of cancer treatment centres, the only real thing missing is a centre that focuses on the emotional state of the cancer patients after they had their treatment/surgery.
research questions and	How do people with cancer perceive their surroundings? What spatial factors influence the stress levels and wellbeing of a cancer patient? What does a cancer care centre look like when it takes these factors into account? How can the 'courtyard' typology become of value in the organisation of the cancer care centre?
design assignment in which these result.	What does a oncological aftercare centre in Amsterdam need, to have a positive influence on the physical and emotional healing process?
Process	

Method description

The method used in the project is based on the Design method as used in the Architecture of the Interior department, Technical University Delft.

The method builds on the phases: problem, analysis, sketching, synthesis and presentation. It is an iterative process, as the phases overlap each other and interact on different levels, as different parameters, analysis and decisions lead back and forth within the process.

Different tools will be used in the research, analysis and design phases, such as literature software, sketching and modelling. Multiple excursions will be carried out to get a feeling of similar projects. For now I can already say the following trips: Amsterdam (Plantage), Haarlem (hofjes), Weesp (Hogewyk).

In order to get grip on the target group multiple interviews will be carried out.

Literature and general practical preference

Boeken en artikelen:

Cama, R.

2009 *Evidence-based healthcare design*. Hoboken, N.J.: John Wiley & Sons.

Cooper-Marcus, C., and M. Barnes (Eds.).

1999 *Healing Gardens: Therapeutic Benefits and Design Recommendations*. New York: JohnWiley.

Haes, H., L. Gualthérie van Weezel, & Sanderman, R.

2009 Oncologische revalidatie, multidisciplinaire nazorg bij kanker. In *Psychologische patiëntenzorg in de oncologie: Handboek voor de professional* (2nd ed., pp. 288-298). Assen: Koninklijke Van Gorcum.

McCullough, C.

2010 *Evidence-based design for healthcare facilities*. Indianapolis, IN: Sigma Theta Tau International.

Sherman Sandra A., James W. Varni., Ulrich, Roger S. and Vanessa L. Malcarne.

2005 "Post-occupancy evaluation of healing gardens in a pediatric cancer center." *Landscape an Urban PLanning* 73, 167-183.

Ulrich, R.S., R.F. Simons, Losito, B.D., E. Fiorito, Miles, M.A., and M. Zelson.

1991 *Stress recovery during exposure to natural and urban environments*. J. Environ. Psychol. 11, 201-230.

Ulrich, Roger S.

2002 "Health benefits of Gardens in Hospitals." *Plants for people, Floriade 2002*.

Villstrup Nielsen, A., & L. Fogedgaard Jønsson

2010 Evidence Based Design factors in the cancer health care centre. In *Cancer Health Care Centre Copenhagen - Process* (pp. 49-50, 66-69). Aalborg: Aalborg University.

Vollmer, T., & G. Koppen

2010 Lay-out. *Architectuur Als Tweede Lichaam: De Rol Van Architectuur Bij De*

Verzorging Van Kanker, (11), 1-16.

Websites:

<http://www.kraeftcenter-kbh.dk/en> (8-05-2015)

<https://www.maggiescentres.org/> (16-04-2015)

http://www.thht.nl/pages/sub/94702/Veel_gestelde_vragen.html (28-04-2015)

<http://www.zorginstituutnederland.nl/publicaties/nieuwsberichten/2015/zorginstituut-onderzoekt-kwaliteit-nazorg-bij-kanker.html> (8-05-2015)

Interviews:

Euser, Carolien

Geïnterviewd door Floris Sikkel, Informatie over architectuur en mensen met kanker. Dordrecht; 14-04-2015

De Haas, Pien

Geïnterviewd door Floris Sikkel, Informatie over de beleving van ziekenhuizen en het hebben van kanker. Leusden; 13-04-2015

Hoenderop, Ellen

Geïnterviewd door Floris Sikkel, Informatie over het Toon Hermans Huis in Tiel. Tiel; 08-05-2015

Huijgen, Annette

Geïnterviewd door Floris Sikkel, Informatie over de beleving van ziekenhuizen en het hebben van kanker. Bergambacht; 21-04-2015

Leising, Wim & Else Leising-Schaaij

Geïnterviewd door Floris Sikkel, Informatie over de beleving van ziekenhuizen en het hebben van kanker. Heemstede; 18-04-2015

Vollmer, T.

Geïnterviewd door Floris Sikkel, Informatie over het OPPO prototype. Delft; 13-05-2015

Reflection

Relevance

This project will be of great value for the emotional well being of cancer patients all over The Netherlands. The treatments for cancer are getting better every day and cancer is starting to become a chronic disease instead of a deadly disease. This is a positive shift, but this also means there will be a need for cancer care centres who help people live with their illness. Hopefully this design will be the beginning of a series of care centres all over the country.

Time planning

3.1 Starting the graduation project

3.2 Narrowing the topic/ Literature studies

3.3 Narrowing the topic/ Literature studies

3.4 Narrowing the topic/ Literature studies

- 3.5 Narrowing the topic/ Literature studies
- 3.6 Literature studies/ Site analysis
- 3.7 Literature studies/ Site analysis
- 3.8 P1 presentation- 24th April 2015
- 3.9 Interviews/ Writing the thesis/ Site analysis/ Briefing/ First sketches and design proposals
- 3.10 Interviews/ Writing the thesis/ Site analysis/ Briefing/ First sketches and design proposals

- 4.1 Interviews + visiting reference projects/ Writing the thesis/ Briefing/ First sketches and design proposals
- 4.2 Interviews + visiting reference projects/ Writing the thesis/ Briefing/ First sketches and design proposals
- 4.3 Interviews + visiting reference projects/ Writing the thesis/ Briefing/ First sketches and design proposals
- 4.4 Writing the thesis/ Briefing/ Urban analysis/ First sketches and design proposals
- 4.5 Writing the thesis/ Briefing/ Urban analysis/ First sketches and design proposals
- 4.6 Writing the thesis/ Briefing/ Urban analysis/ First sketches and design proposals
- 4.7 Writing the thesis/ Urban analysis/ First sketches and design proposals
- 4.8 Writing the thesis/ Urban analysis/ First sketches and design proposals
- 4.9 P2 presentation
- 4.10 P2 presentation- 27th June 2015

Holidays

- 1.1 Writing the thesis/Design at different scales
- 1.2 Writing the thesis/Design at different scales
- 1.3 Writing the thesis/Design at different scales
- 1.4 Writing the thesis/Design at different scales
- 1.5 Writing the thesis/Design at different scales
- 1.6 Writing the thesis/Design at different scales
- 1.7 Writing the thesis/Design at different scales
- 1.8 Writing the thesis/Design at different scales
- 1.9 P3 Presentation

- 1.10 Design at different scales
- 2.1 Design at different scales
- 2.2 Design at different scales
- 2.3 Design at different scales
- 2.4 Design at different scales
- 2.5 Design at different scales

- 2.6 P4 Presentation
- 2.7 Finetuning the drawings
- 2.8 Finetuning the drawings
- 2.9 Finetuning the drawings

- 2.10 P5 presentation

