

Graduation Plan

Master of Science Architecture, Urbanism & Building Sciences



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	Linda Charlotte Hammerschlag
Student number	4552644

Studio		
Name / Theme	Advanced Housing	
Main mentor	Olv Klein	Architecture
Second mentor	Anne Kockelkorn	Research
Argumentation of choice of the studio	I wanted a studio that included dwellings, existing context and the need for a new way of living. When I found out about this studio I was very intrigued by it and excited to combine the social aspect I was looking for with the ecology part that this studio offers.	

Graduation project	
Title of the graduation project	Housing for balanced production and social reproduction
Goal	
Location:	Blijdorp, Rotterdam
The posed problem,	In Dutch society a great percentage of women have to chose between taking care of their home, children, disabled family members or parents and leaving to do wage labour. Because of this women earn on average less than men and build less pension for their future. Besides the economic disadvantages there are also social consequences such as being isolated in their home. The gender discrimination that women and nowadays also people of other genders experience is unintentionally upheld by the way architects design dwellings. With the growing pressure of (in)formal care at home because of the withdrawal of the State, these people will have even more trouble balancing their time for both wage labour and social reproduction labour.

research questions and	How can architects create a dwelling typology with co-operative housing tenure that gives users the room to balance their time between production and social reproduction?
design assignment in which these result.	The result of this research will be a new housing concept for low income households. The aim of this concept is to address the gender discrimination in dwelling typologies and give these households the same opportunities for wage labour and also a community that can support each other with social reproduction labour. This concept is accomplished through the incorporation of a range of different types of dwellings, workspaces and formal care spaces within a singular building. Because of the specific kind of tenure which is co-operative housing the dwellings will be both affordable and provide the right kind of housing for different kinds of phases in life. This also affects the cost for providing room for formal care and workspaces.

Process

Method description

For the first part of the research I will look into the history of material feminist architecture and it's relation to capitalism through literature. There are three literature pieces by Delores Hayden (1982), The Matrix Book Group (1984) and Maria Giudici (2018) that I use to establish the base of the different styles within material feminism and to reflect on how material feminism is of value in the 21st century and how it can empower women and other disadvantaged minorities.

For the second part I will use 3 case studies to analyse the social impact of feminist architecture through rethinking the placement of spaces meant for social reproduction. For the analysis I will also make use of literature that has been written about the projects and literature by the architects themselves that explain their vision for living in the future.

Literature and general practical preference

Boudet, D. (2017). *New housing in Zurich : typologies for a changing society*. Park Books.

Fraser, N., Jaeggi, R., & Milstein, B. (2018). *Capitalism : a conversation in critical theory*. Cambridge Polity.

Giudici, M. S. (2018). Counter-planning from the kitchen: for a feminist critique of type. *The Journal of Architecture*, 23(7-8), 1203–1229.
<https://doi.org/10.1080/13602365.2018.1513417>

Griffin, M., Bahner, O., & Böttger, M. (2016). *Neue Standards. Zehn Thesen Zum Wohnen*. Jovis.

Haselsteiner, E., & Riß, S. (2019). Gender und feministische Aspekte in der Wohnbaupolitik. *INSTITUT FÜR SOZIAL- UND WIRTSCHAFTSWISSENSCHAFTEN WIRTSCHAFTS- UND SOZIAL POLITISCHE ZEITSCHRIFT*, 42, 12–27.

Hayden, D. (1982). *The Grand Domestic Revolution : a history of feminist designs for american homes, neighborhoods and cities*. Mit Press.

Jorge-Huertas, V. D. (2020). Collaborative designing of communities: Helsinki and Zurich Pioneers. *ACE: Architecture, City and Environment*, 15(43).
<https://doi.org/10.5821/ace.15.43.9012>

Matrix Book Group. (1984). *Making space : Women and the man-made environment*. Pluto Press.

Rendell, J., Penner, B., & Border, I. (2000). *Gender space architecture : an interdisciplinary introduction*. Routledge.

Stevanović, T. (2013). The Grand Domestic Revolution GOES ON. *Architectural Research Quarterly*, 17(1), 15–18. <https://doi.org/10.1017/s1359135513000328>

Reflection

1. What is the relation between your graduation (project) topic, the studio topic (if applicable), your master track (A,U,BT,LA,MBE), and your master programme (MSc AUBS)?

In our studio we were asked to combine a social problem with an ecological problem and create a housing concept to address it. For my graduation I choose to focus on gender discrimination and had to task myself to research how this problem can be made architectural and how to address it through architecture. My research is in the field of my master track in architecture and my master programme in Architecture, Urbanism and Building Sciences.

2. What is the relevance of your graduation work in the larger social, professional and scientific framework.

My graduation work is focused on current social problems that lead to economic, social and health problems for low income households, disabled people and elderly in need of care. In order to research this problem I looked into important literature by Delores Hayden and other researches about how centuries ago the

gender discrimination women were facing was related to the dwellings they lived in. So for my research I aim to gain knowledge from both literature and recent architecture projects, in order to design a new housing concept that is relevant to the current social problem in Dutch society. With the result of my research and design I hope to bring the history and potential of material feminist architecture back in current discussions in architecture and about ways to facilitate care at home.