

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	Maryam Jalali
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Studio	
Name / Theme	Explore Lab
Teachers / tutors	Robert Nottrot- Cor Wagenaar- Ype Cuperus
Argumentation of choice of the studio	<p>Looking for a new typology in a specific site.</p> <p>From very beginning I was enthusiastic to do something realistic through increasing life quality in my mother land as my graduation proposal. Because of an internship that I've done in Iran, I was fascinated by living conditions of elderly in my country and I've compared it with what I observed in the Netherland. Through some initial research I've considered how much need is for this specific issue in society of Iran. So I become even more intent to join explore lab for research and design on this topic.</p>

Graduation project	
Title of the graduation project	[The elderly care in Iran]
Goal	
Location:	Tehran-Iran
The posed problem,	<p>The lack of a referral elderly care system in Iran.</p> <p>The older adults are our only growing natural resource. Attention to this age group is nowadays much more important, because in coming years the amount of elderly will gradually increase. Comparing Iran with Western world, there has always been few attention paid to the elderlies; therefore as people get older they become more and more worried about their retirement and future life, if the elderly would be</p>

	able to support his future by himself or otherwise there is no support from any higher organization. Nevertheless, today psychologists in collaboration with architects are attempting to establish new places for elderlies aiming to develop their welfare and health indicators. Increasing the life expectancy is widely related to enhance life quality and struggling with the sense of senescence, uselessness and loneliness in such a gray future society.
Research questions and	What are the solutions and design tools to improve the quality of elderly residence in field of life-style in the respective country (Iran), aiming to increase life quality, improve mental and physical health to finally establish a happy society full of hope to the future?
Design assignment in which these result.	The design aims to provide a typology which consist of a spatial intervention between care and living aspects of elderly as my target group. How could we provide a system within elderly has the opportunity to become older with prosperity? This design will test the given typology to find out how it could be adapted and take place in different places in whole land.
<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>	
Process	
Method description	
<p>First of all I started my research by local studies to achieve general information about cultural, social and economical aspects concerning elderly care and elderly living conditions in society of Iran, I had the opportunity to interview the old residents. Then according to this information I will try to go on by literature studies to achieve national and international knowledge about elderly care architectural typology. Trying to find out which type of environment is realizable for this particular target group and that specific society.</p> <p>When I was in Tehran I had made an appointment with the municipality concerning finding a location for testing this approach. They have provided me a site with care</p>	

vision in the future. This site is located in western part of Tehran and the advantages of this particular site are considerable. This part of the city is extended area of Tehran, which is surrounded by mountains from the northern side and big green areas from the west and east sides. In extremely polluted Tehran providing an environment for people who need fresh air this site had the most benefit. There is the matter of analyzing this developing area in different scales and finding out the potentials, which would help through more sufficient design for that specific site. A crucial step to design phase is to take a position within the studied literature. After my p2 presentation I would try to finish my research paper in such a way that in a same time research and design both could have influences on each other.

Literature and general practical preference

I need to write a part of my research paper scientifically by myself about living conditions in Iran to inform my tutors who have no ideas about the systems in Iran, generally.

Case study research:

Kahrizak sanatorium- Tehran

De Driehoven- Amsterdam

Sølund Retirement Community- Copenhagen

Literature study:

Goldenberg, L. (1981). *Housing for the elderly: new trends in Europe*. London: Garland STPM Press.

Windley, P. G. (1976). Housing for the Elderly: The Development and Design Process. *The Gerontologist*, 16(4), 380-380.

Mens, N., & Wagenaar, C. (2009). De architectuur van de ouderenhuisvesting. *Bouwen voor wonen en zorg*.

Mens, N., & Wagenaar, C. (1914). Health care architecture in the Netherlands. *Hospitals*, 1750, 12.

Mirzaei, M., & Shams, M. (2007). Demography of Elder Population in Iran Over the Period 1956 to 2006.

Rostamigooran, N., Esmailzadeh, H., Rajabi, F., Majdzadeh, R., Larijani, B., & Dastgerdi, M. V. (2013). Health System Vision of Iran in 2025. *Iranian Journal of Public Health*, 42(Supple1), 18–22.

Gheisarian, E. (2009). A survey on social and economical aspect of elderly in Iran. 1-28.

Reflection

Relevance

Concerning my study trip and surveys, I've considered how big is the need of such an architectural approach in now days of Iran society. There are too many researches and given problem statements about this issue but as long as it misses the government's support, no approach and theories has taken place. Fortunately there are private associations (charities), which are enthusiastic about such an idea. Therefore, a theory which could be implemented by private companies, is very welcoming overall in the land and it would develop explosively, so that ever might catch the government's support as well, hopefully.
 [The value of the graduation project in the larger social and scientific framework.]

Time planning

I just have to do Delft lectures on Architectural history exam on June 20th. 3ects

Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb
1. Prepare p2	1. Working on research paper	1.	1. Research paper first draft	1.	1. Working on design	1.	1. Prepare p5	1. P5
2.	2.	2.	2.	2. P3	2.	2. Prepare p4	2.	2.
3. P2	3. Working on design	3.	3.	3. Working on research paper	3. Research final deadline	3.	3.	3.
4. Exam	4.	4.	4. Prepare p3	4.	4.	4. P4	4.	4.