

## Course PM, ARK641, Master thesis preparation course 3p Autumn semester, 2021, Healthcare design

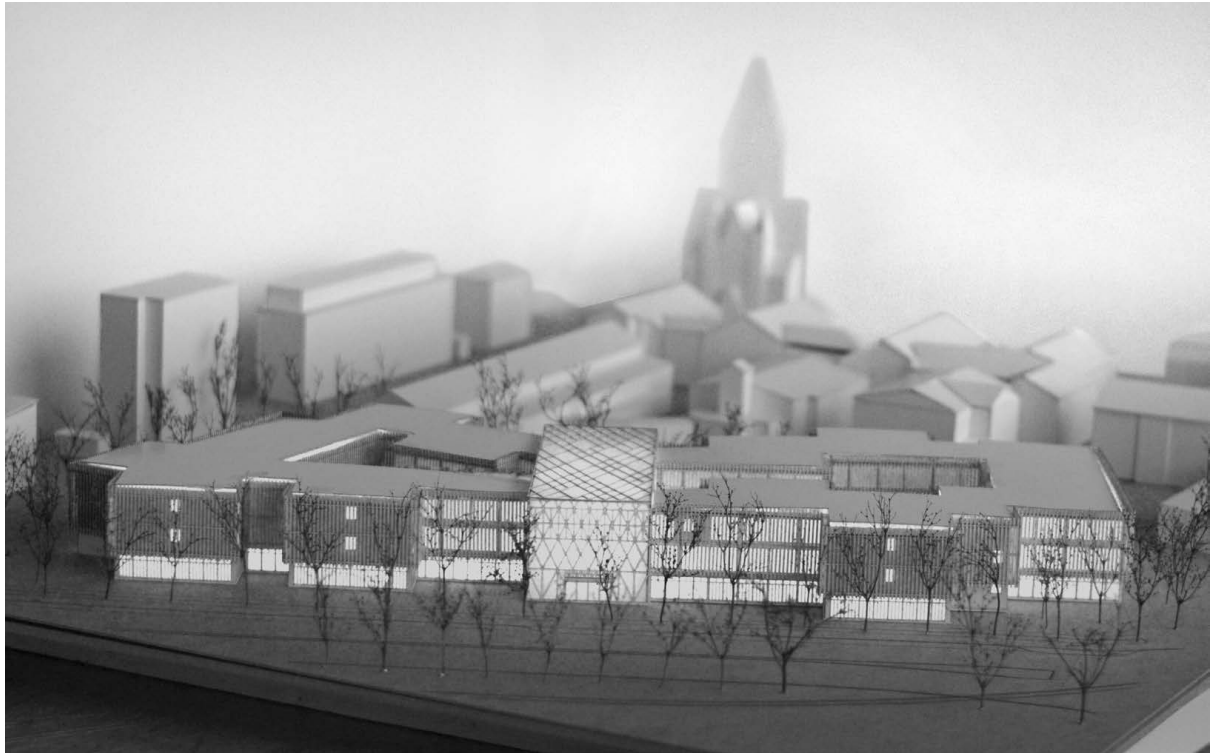


Figure 1. Photo of presentation model by Wang, Nordin and McCrea, Healthcare studio 2017

### Description and aim

The purpose of the course is for the students to develop and finalize **a critically and methodologically informed master's thesis project plan** that allows an examiner to assess the potential and feasibility of the project.

The course prepares the students for their master's thesis under **the guidance of assigned examiner(s) and supervisor(s)**.

The main goal is to develop and finalize your project plan and to support the initiation phase of your project within the direction of Healthcare design. The course aims are to identify what you need to develop to formulate a design problem and/or research query, and identify goals, specific for your chosen theme and professional development as architects. The course also aims at developing your ability to use and reflect on prior studies, in order to set the stage for an efficient process.

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## **Learning outcomes** *(after completion of the course the student should be able to)*

### Knowledge and understanding

- Define a particular trajectory of design and research in architecture and urban design.
- Define the design media (i.e. specific types of drawings, models, diagrams, software, etc.) and writing style associated with a particular trajectory of design and research in architecture and urban design.
- Discuss their own work in relation to a particular trajectory of design and research in architecture and urban design.

### Abilities and skills

- Plan and structure their own work during the course of the master's thesis.
- Develop a critically and methodologically informed master's thesis project plan that fulfils academic standards.
- Formulate a design problem and/or research query based on design studies, precedent studies, context studies, and / or theoretical texts.
- Demonstrate the ability to move from the personal discourse of a design process to a more formal discourse appropriate for a master's thesis.

### Ability of assessment and attitude

- Understand and promote the importance of drawing from the work of others in order to innovate.

## **Content and structure**

Preparation is supported through seminars, supervision and individual study time. Seminars are structured around lectures, individual presentation, peer learning och reflection in groups. Possible synergies with lectures in Healthcare studio and Residential healthcare will be made

Students work individually or in pairs, depending on how they are planning on pursuing their thesis.

The course consists of an introductory lecture, text and/or precedent studies seminars, and individual feedback. The lecture gives an introduction to the field in which a given thesis direction operates and prepares students for planned learning activities such as seminars. Seminars aid students in mapping and critically reading precedents and/or source texts, and aid students in defining the context for their thesis. Interplay between design studies, precedent studies, context studies and the formulation of text is emphasised, and studies may precede text or the other way around. With the aid of these activities, and in dialogue with the examiner and supervisor, students develop a final draft of their project plan for the master's thesis.

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- 6<sup>th</sup> of October, 09.00-17.00, lecture and presentation
  - The teacher gives a short lecture
  - The students present and get feedback
    - Ideas, background and relevance to direction and get feedback
- 13<sup>th</sup> of October 09.00-16.00, Individual work
- 20<sup>st</sup> of October, 09.00-16.00, Individual work
- 10<sup>th</sup> of November , deadline 09.00. hand-in for mid-critic on Canvas
- 10<sup>th</sup> of November , mid-critic
  - The students present their project plan and receives feedback based on the presentation
- 17<sup>th</sup> of November, 09.00-16.00, Individual work
- 17<sup>th</sup> of November, deadline 17.00, Hand in project plan
- 24<sup>th</sup> of November 09.00-16.00, Final presentation and feedback
  - The examiners have read the project plan and gives feedback
- 8<sup>th</sup> of December, deadline 12.00, final hand-in for the course on Canvas
- 8<sup>th</sup> of December, deadline 12.00, final hand-in for initiating the MT term
  - Deliver final project plan and registration form
  - There will be a folder in the reception on the 3<sup>rd</sup> floor
- 12<sup>th</sup> of January, deadline 12.00, Deliver a final project plan for the exhibition
  - Starting the master's thesis term
  - There will be a folder in the reception on the 3<sup>rd</sup> floor

## Submission requirements

We use Canvas course page for all our deliverances. As the course only has one Canvas page, please make sure you are uploading to the right thesis direction.

## Specific requirements to be included in Project Plan at Healthcare Direction

The course deliverable is a booklet (A4), max. 8 pages. It should be well laid out, intelligible and include pages numbers.

Requirements for the booklet:

- title page, project name
- your name, course name, date and tutors
- abstract (300 words) including research question
- a statement about why and how your topic is relevant in a societal/healthcare perspective
- an exploration focused on process (method) including chosen work approaches, planning, with weekly objectives and deliverables
- a reflection on professional skills in relation to healthcare design
- a description / exploration of reference projects (written / built) and relevance / motivation.

## Evaluation criteria's

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Grading: Approved / not approved.

Students are required to participate actively in a minimum of 80% of all scheduled activities.

The project plan is reviewed and graded after submission at the end of the semester

## Literature

For a general introduction to the field of healthcare architecture:

<http://healtharchitecture.wikifoundry.com/page/History+of+Health+Care+Architecture>

Wagenaar, C. & Mens, N. (2018). *Hospitals. A Design Manual*. Berlin, Basel: Birkhäuser.

Verderber, S. (2010). *Innovations in hospital architecture*. Routledge.

More literature will be suggested, depending on focus, some examples.

Health Building Note 00-01 *General design guidance for healthcare buildings*

([https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/316247/HBN\\_00-01-2.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/316247/HBN_00-01-2.pdf))

<https://www.gov.uk/government/collections/health-building-notes-core-elements>

CVA reports (in Swedish)

<https://www.chalmers.se/sv/centrum/cva/Forskning/publikationer/rapporter/Sidor/default.aspx>

## Faculty

Division for Building Design, Centre for Healthcare Architecture, CVA

Johanna Eriksson (contact: [johanna.eriksson@chalmers.se](mailto:johanna.eriksson@chalmers.se))

Cristiana Caira

Göran Lindahl

## Course specific prerequisites

Minimum 30,0 credits from courses (in principal the first semester of the MPARC or MPDSD master's programme) with architectural design focus or corresponding qualifications. Masters thesis preparation course 1.

Please note limitations for combining Masters thesis preparation course 1 and Masters thesis preparation course 2 with other courses.

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