

**Course PM, ARK641, Master's thesis preparation course 3p
Autumn semester, 2020**

Building tectonics



Description and aim

The purpose of the course is for the students to develop and finalize their project plan. The course prepares the students for their master's thesis under the guidance of assigned examiner(s) and supervisor(s). It explores specific theories and/or design methods associated with a particular niche of architecture and urban design. It trains the students' ability to use design studies, precedent studies, context studies, material studies and/or theoretical texts as a basis for formulating a design problem and/or research query.

By producing a project plan the student creates an appropriate basis for a thesis work aiming at a complex architectural project, where the art of handling construction, material and building components are regarded as profound means of creating space, with a high degree of feasibility and precision, also in building detail.

Content and structure

The project plan consists of:

- A thesis title.
- An abstract of the project and its main focus, the investigation question.
- Studies or a text relating to theme of the master thesis direction Building and tectonics - the art of handling construction, material and building components are regarded as profound means of creating space.
- A site analysis and a statement.
- A space program.
- Reference projects and texts (optional) that support the thesis
- Student former experience in this field
- Schedule of the master's thesis semester

Schedule

- 7 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
- 14th of October 09.00-16.00, Individual work
- 21st of October, 09.00-16.00, Individual work
- 11th of November , deadline 09.00. hand-in for mid-critic on Canvas
- 11th of November , mid-critic
The students present their project plan and receives feedback based on the presentation
- 18th of November, 09.00-16.00, Individual work
- 18th of November, deadline 17.00, Hand in project plan
- 25th of November 09.00-16.00, Final presentation and feedback
The examiners have read the project plan and gives feedback



- 9th of December, deadline 12.00, final hand-in for the course on Canvas
- 9th 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 3rd floor
- 13th 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 3rd floor

Submission requirements

See content above.

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

Evaluation criteria's

Abstract and statement

Is the abstract and statement giving a sufficient description of the proposed thesis?

Background and context

Is the background and context relating to relevant design issues?

Thesis question

Is the thesis question clearly articulated and relevant in the field of architecture?

Site and space analysis

Is the site and program relevant in relation to the scope of the thesis?

Does the reference projects and texts (optional) support the thesis?

Grading: Approved/not approved.



Literature

- Deplazes, A. (2013) Constructing architecture, Birkhäuser Verlag
- Sergison, J; Bates, S (2016) Sergison Bates Architects: Papers 3, Quart Verlag
- Leupen, B. (2006) Frame and generic space. 010 Publishers, Rotterdam.
- Diener, R; Abram, J; Steinmann, M (20xx) Diener und Diener, Phaidon
- Frampton, K (1995) Studies in Tectonic Culture, MIT Press
- a+u 2016:11, Hermann Czech and the Disappearance of Architecture, Christian Kühn
- a+u 2003:04, Continuity, Interview with David Chipperfield, Ken Tadashi Oshima
- Studio Krucker Bates Building Register, Technische Universität München
- Jallon, J; Napolitano, U (2018) Paris Haussmann, Pavillon de l'Arsenal
- Professur Hans Kollhoff ETH Zürich ed. (2004) Architekturlehre Hans Kollhoff, Niggli Verlag

Faculty

Mikael Ekegren is supervisor/examiner.
Björn Gross is supervisor/examiner.

