Programme syllabus

Master's Programme, Architecture, 120 credits
Masterprogram, arkitektur
120.0 credits

Valid for students admitted to the education from autumn 13 (HT - Autumn term; VT - Spring term).

This is a translation of the Swedish, legally binding, programme syllabus.

Programme objectives

Master’s programme in Architecture, (120 credits)

The overall aim of the programme is to ensure individual progression and individual deepening of knowledge, competence and judgement within architecture and related knowledge areas.

The programme fulfils the objectives of the local qualifications ordinance of the Royal Institute of Technology; it conforms to the European Architect Directive (2005/36/EG, article 46) and to the objectives of the Swedish Higher Education Ordinance (1993:100) as follows:

Knowledge and understanding

A student who has completed the programme should be able to:

Demonstrate knowledge of the disciplinary and artistic foundation of the field and insight into relevant research and development work; and demonstrate both broad knowledge and understanding of architectural theory and history as well as specialised knowledge of architectural design, planning and the development of built environments and also the processes, methods and statutory provisions that affect them.

Skills and abilities

A student who has completed the programme should be able to:

Demonstrate the ability to plan, design, maintain and renew built environments and buildings in complex contexts and with a holistic approach informed by various demands, in particular the sustainable development required by the community; demonstrate the ability to use appropriate architectonic methods and syntheses to undertake and evaluate advanced and creative tasks autonomously and critically and within predetermined parameters in the field of architecture and urban planning; demonstrate the ability to apply knowledge about physical circumstances and technological principles to the erection and alteration of buildings; demonstrate the capacity for teamwork and collaboration with various constellations, and; demonstrate the ability in dialogue with different audiences in both national and international contexts to present and discuss, using images and models, his or her conclusions and the knowledge and reasoning on which they are based in speech, writing or some other way and so contribute to the development of the profession and professional practice.

Ability to make judgements and adopt a standpoint

Judgement and approach

A student who has completed the programme should be able to:
Demonstrate the ability to adopt a holistic view in making judgements and appraisals informed by the relevant disciplinary, social, aesthetic and ethical aspects and which at the same time take into account the different needs and functional abilities of communities and individuals as well as the interaction between individuals and their physical settings, including occupational health and safety; demonstrate the disposition to base his or her work on high-quality, well-designed long-term functional solutions; and demonstrate the ability to identify the need for further knowledge and undertake ongoing development of his or her skills.

**Extent and content of the programme**
2-year study programme (120 credits) at Advanced Level.

The study programme corresponds entirely to the Advanced Level of the Degree Programme in Architecture.

The programme consists of studio based teaching (Studio Projects 12 credits); of Orientation courses (3 credits); Seminar courses (3 credits) and a final independent Diploma Degree Project (30 credits).

During the Master’s programme in Architecture an individual student completes six Studio Projects, each providing an opportunity to apply and develop skills in varied application areas; and tools to reflect on the learning process.

English is the language of instruction.

**Eligibility and selection**
The student must demonstrate sufficient skills and abilities to independently and with adequate methods complete and evaluate architectural design projects.

The student should present a portfolio that documents projects that have been previously carried out as part of the programme.

Prerequisite for Year 1:
Bachelor’s degree in architecture, or similar to the Basic Level of KTH’s Degree Programme in Architecture (180 credits)

For all programmes at KTH where English is the language of instruction, the specific eligibility requirement is English B or equivalent.

**Implementation of the education**

**Structure of the education**
Each term consists of studio-based teaching and courses as follows: two Studio Projects (12 credits); one Orientation course (3 credits); one Seminar course (3 credits), with the exception of the last term which is devoted to a final individual Diploma Degree Project (30 credits).

The schedule for the academic year is available on the KTH student website. Note: The Degree programme in Architecture depends little on traditional examinations, which is why the academic year runs continuously without week long breaks for exams.

**Courses**
The programme is course-based. Lists of courses are included in appendix 1.

The programme combines courses and projects with studio-based teaching. For a course list, see Appendix 1.

**Grading system**
Courses in the first and the second cycle are graded on a scale from A to F. A-E are passing grades, A is the highest grade. The grades pass (P) and fail (F) are used for courses under certain circumstances.
Courses within the Master’s programme in Architecture are graded as follows:

The grades pass (P) and fail (F) are generally used in the programme. The Diploma Degree Project is graded on a scale from A to F. A-E are passing grades, A is the highest grade.

**Conditions for participation in the programme**

For year 2 Master programme in Architecture

- All compulsory courses from Year 4 must be completed and registered.

- To initiate the Diploma Degree Project compulsory courses of the Master programme in Architecture must have been completed (90 hp for a 120 hp Degree of Master of Science with a major in Architecture).

A programme (Thesis Booklet) must be formulated, submitted and approved in accordance with the internal routines.

Leave from studies:

A student who seeks leave from studies should normally apply for permission before the term commences.

Leave from studies during the first year at the Master’s programme in Architecture will only be approved under exceptional circumstances.

Selection process for themes within courses and Studio Projects: As places are limited, there is a selection procedure for the different themes offered within courses and Studio Projects each academic year. Each student lists her/his preferences in regards the courses on offer. The programme administration then assigns places according to selection criteria that are presented to the students beforehand.

Regulation regarding completion: A student who does not receive a passing grade will receive a written notification from the Examiner, no later than 15 working days after the course has ended. The student will be informed about the possibility of completion with a clear instruction on the extent of additional work that will be required for a passing grade. A time schedule and a project plan should be agreed. Examination will take place within 15 working days after the completed works have been submitted, in accordance with the project plan.

Specific regulations regarding the completion of Studio Projects:

For examination of Studio Projects, completed works must be submitted to the Examiner, at the latest:

- 15 May, for completion relating to the autumn term of the same academic year
- 15 August for completion relating to the spring term of the previous academic year.

Examination will take place no later than 15 working days after these dates.

This possibility of completion of Studio Projects cannot be extended nor repeated.

For advancement to Year 1 and 2 Master’s programme in Architecture and to initiate the Diploma Degree Project during the autumn term; completion of Seminar Courses and Orientation Courses must be submitted no later than 15 August.

For advancement to Year 1 and 2 Master of Master’s programme in Architecture and to initiate the Diploma Degree Project during the spring term; completion of Seminar Courses and Orientation Courses must be submitted no later than 7 January.

**Recognition of previous academic studies**

See KTH policy No. 1/00 (Rektors beslut UF-2010/0474, Dnr V-2010-0518, doss 50). For internal routines regarding the recognition of previous academic studies, please refer to the website of KTH School of Architecture.
Studies abroad

Students within the programme are eligible for the exchange programmes that the School of Architecture has agreed. This only applies to the second term of Year 1, and to the first term of Year 2. Internal routines for exchange studies are posted on the website of KTH School of Architecture.

Degree project

The Degree Project in Architecture comprises 30hp and is a final assignment that the student chooses independently. The student formulates a programme and develops a project that addresses architectural issues that may be discussed in architectural terms. Through the Degree Project, a student is given the opportunity to show that s/he masters academic and professional skills of the architect. The Degree Project is an independent work that must be carried out within a specified time frame: one term.

Prerequisite to initiate the Degree Project:

All mandatory stages of the Master’s programme, Architecture (TARKM 90hp) must have been completed; or the Degree Programme in Architecture (ARKIT 270hp).

A programme (Thesis Booklet) must be formulated, submitted and approved in accordance with the internal routines on the website of KTH School of Architecture.

The student must complete a form to register for the Degree Project before the start of term. More information is provided on the school’s website. Degree Projects are presented at public examination days, currently twice a year. The works are assessed by an external jury, appointed for the examination. Based on the assessment of the jury and the main supervisor, the examiner sets a final grade. The Vice Dean of the School of Architecture is the examiner of Degree Projects. General regulations and guidelines for the Degree Project relating to the Master of Architecture and Master of Science with a major in Architecture are listed in the internal regulation No. 12/07 (Rektors beslut Dnr 595/2007, dnr V-2007-749). Diploma Degree Projects are graded A-F.

In exceptional cases, and if prior consent has been granted, a Degree Project can be carried out differently to the above. This alternative may apply to professional architects who lack a degree, and return to complete their studies after extensive work experience. In these cases, a Degree Project may comprise several parts, such as analyses of executed architectural commissions. The final examination can then be carried out in various ways, for example as a public lecture. In these situations, a project plan and time schedule will be formulated in collaboration with the student.

Degree

Master of Science with a major in Architecture.

(Students whose education fulfils the requirements of the European Architect Directive (2005/36/EG, article 46) may apply for an Arkitektexamen (Master of Architecture) ).

Reference to the internal qualifications ordinance of KTH.

Appendix 1 - Course list
Appendix 2 - Programme syllabus descriptions
Appendix 1: Course list

Master's Programme, Architecture, 120 credits (TARKM), Programme syllabus for studies starting in autumn 2013

General courses

Year 1

Mandatory courses (60.0 credits)

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>A42A13</td>
<td>Studio Project, Advanced Level</td>
<td>12.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A42B13</td>
<td>Studio Project, Advanced Level</td>
<td>12.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A42C14</td>
<td>Studio Project, Advanced Level</td>
<td>12.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A42D14</td>
<td>Studio Project, Advanced Level</td>
<td>12.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A42O1A</td>
<td>Orientation; History, Theory and Technology of Architecture 4:1</td>
<td>3.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A42O2A</td>
<td>Orientation; History, Theory and Technology of Architecture 4:2</td>
<td>3.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A42SEH</td>
<td>Seminar Course, Advanced Level 4HT</td>
<td>3.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A42SEV</td>
<td>Seminar Course, Advanced Level 4VT</td>
<td>3.0</td>
<td>Second cycle</td>
</tr>
</tbody>
</table>

Supplementary information

Master’s programme in Architecture corresponds entirely to the Degree programme in Architecture.

The Master’s programme in architecture consists of studio-based teaching (Studio Projects 12 hp); of Orientation courses (3 hp); Seminar courses (3hp) and a final independent Diploma Degree Project (30hp).

During the master’s programme in Architecture an individual student completes six Studio Projects, each providing an opportunity to apply and develop skills in varied application areas; and tools to reflect on the learning process.

Each term consists of studio-based teaching and courses as follows: two Studio Projects (12hp); one Orientation course (3hp); one Seminar course (3hp), with the exception of the last term which is devoted to a final individual Diploma Degree Project (30hp).

English is the language of instruction.
Year 2

Mandatory courses (30.0 credits)

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>A52ARX</td>
<td>Degree Project in Architecture, Second Cycle</td>
<td>30.0</td>
<td>Second cycle</td>
</tr>
</tbody>
</table>

Conditionally elective courses

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>A52A13</td>
<td>Studio Project, Advanced Level</td>
<td>12.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A52B13</td>
<td>Studio Project, Advanced Level</td>
<td>12.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A52O1A</td>
<td>Orientation; History, Theory and Technology of Architecture 5</td>
<td>3.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A52O2A</td>
<td>Orientation; History, Theory and Technology of Architecture 5:2</td>
<td>3.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A52SEH</td>
<td>Seminar Course, Advanced Level 5HT</td>
<td>3.0</td>
<td>Second cycle</td>
</tr>
<tr>
<td>A52SEV</td>
<td>Seminar Course, Advanced Level 5VT</td>
<td>3.0</td>
<td>Second cycle</td>
</tr>
</tbody>
</table>

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During the master’s programme in Architecture an individual student completes six Studio Projects, each providing an opportunity to apply and develop skills in varied application areas; and tools to reflect on the learning process.

Each term consists of studio-based teaching and courses as follows: two Studio Projects (12hp); one Orientation course (3hp); one Seminar course (3hp), with the exception of the last term which is devoted to a final individual Diploma Degree Project (30hp).

In year two the following courses are included in the programme: Two studioprojects, one orientation course, one seminar course and the Diploma degree project.

The Diploma degree (thesis) project is to be performed during the last semester.

English is the language of instruction.
Appendix 2: Specialisations

Master's Programme, Architecture, 120 credits (TARKM), Programme syllabus for studies starting in autumn 2013

This programme has no specialisations.