Programme syllabus

Degree Programme in Architecture
Arkitektutbildning
300.0 credits

Valid for students admitted to the education from autumn 16 (HT - Autumn term; VT - Spring term).

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

Programme objectives

The programme provides the students with knowledge and skills relating to the professional practice of architecture as well as the discipline of architecture; and continually develops and debates the subject of architecture, the professional role of the architect, and the education of architects.

The programme is given a content and a culture to encourage and offer a broad range of views and perspectives to create a fruitful environment where new ideas and visions develop.

The programme addresses significant contemporary issues such as globalisation, sustainability, and equality.

The programme contributes skills and tools needed to design, problematize, synthesize, communicate, and collaborate.

To be awarded a Master of Architecture, a student should demonstrate knowledge and skills required to work autonomously as an architect.

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

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 on-going
development of his or her skills.

Extent and content of the programme

A Master of Architecture (arkitektexamen) is awarded after the student has completed the courses required
for 300 credits. The programme is divided into a Basic Level (Year 1-3) and an Advanced Level (Year 4-
5).

A requirement for a Degree of Master of Architecture is the completion of an independent Degree Project
amounting to 30 credits.

After completing the Basic Level of studies, comprising 180 credits, students are eligible for the degree of
Bachelor of Science with a major in Architecture (Teknologie kandidatexamen inom huvudområdet
arkitektur).
All courses and projects in the programme provides the student with an opportunity to apply and develop skills in varied application areas as well as tools to reflect on the learning process.

The courses include the conceptions and ideas relating to society’s goal for sustainable development.

**Teaching language**
In the Basic Level the main teaching language is Swedish. In the Advanced Level the main teaching language is English.

**Basic Level**
The Basic Level of the programme contributes core skills relating to the discipline and professional practice of architecture. The Basic Level is structured around a successive progression in studio-based design projects, courses, and workshops. Students are introduced to the various scales and problem areas of the discipline from the very first year of study. These studies are deepened, developed, and expanded in the years that follow. The relation between the various phases of the curriculum is essential, since the knowledge, methods, and techniques that students acquire in courses and workshops will be brought to bear in the design projects.

The instruction is organised in teaching teams comprising architects and specialists from related disciplines, in studios with 20-25 students who work primarily on project-based assignments in the field of architecture. In addition to their studio work, students are required to complete compulsory courses in various areas of the field including Architectural Technology and History and Theory of Architecture. The third year of study begins with urban planning and concludes with a Degree Project

**Year 1: Experiments**
The overall objective for Year 1 is to give students basic knowledge in the discipline of architecture. Their work throughout the year equips them with a set of tools and concepts that allow critical understanding of the discipline and its working methods, and the ability to develop them. In the first year, students are introduced to various analogous and digital techniques for model making and drafting as tools for organizing and generating architecture, including building construction, urban environments, and basic historic contexts.

**Year 2: Articulations**
Articulations are introduced in Year 2 as a deeper exploration of the discipline of architecture. Students develop an articulated working method through projects which deals with the composition of a building—accommodating its functional programme and activities, considering its life cycle, and relating its details to architectural design. The design projects increase in complexity, encompassing construction techniques, sustainability, and the building’s interface with its users and surroundings.

**Year 3: Practices, references, profession**
In Year 3, the focus is on how students encounter the profession, relate to associated professions, and understand the context of their work. They are introduced to and begin in-depth studies in the field of urban planning, learning to understand and use the field’s concepts and theories. In addition, students develop the skills to analyse and design urban design projects of high quality from master planning to detail. Year 3 ends with a Degree project, Basic Level (15 credits).
Advanced Level
The overall aim of the Advanced Level of the programme is to ensure individual progression and individual deepening of knowledge, competence and judgement within architecture and related knowledge areas.

The Advanced Level of the programme corresponds entirely to the 2-year Master’s programme in Architecture (120 credits).

Each semester of Advanced Level of the Degree Programme in Architecture consists of:

- two Studio Projects (12 credits each)
- two courses: an Orientation course (3 credits) and a Seminar course (3 credits)

The last semester consists of a final independant Degree Project (30 credits).

During the Advanced Level 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.

Eligibility and selection

General entry requirements:
In accordance with the Admissions Standards for Undergraduate and Graduate Education at the Royal Institute of Technology http://www.kth.se/utbildning/anmalan-antagning-behorighet/behorighet/grundlaggande-behorighet-1.54566

Information about area of competence:
http://intra.kth.se/regelverk/utbildning-forskning/grundutbildning/antagning/1.31572

Information about entry requirements and selection rules and procedures- Admission regulations of KTH:
http://intra.kth.se/regelverk/utbildning-forskning/grundutbildning/antagning/1.27186

Note: a third group of applicants will be admitted based on an Architectural Aptitude Test (Arkitektprovet) per decision by the Swedish National Agency for Higher Education, HSV 2011-11-21, Reg.nr 83-05254-11.

Implementation of the education

Structure of the education

The Academic Year is 40 weeks.

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. At the Basic Level (Year 1-3), no elective courses are offered. The course list specifies the course offered each academic year. A student who repeats a year of study or returns to his/her studies after a leave of absence, must follow the current course syllabus.
The objectives, qualification requirements, content and course requirements can be found in the course syllabus.

The project portfolio is a pedagogical tool used throughout the programme. It is the student's responsibility to assemble a portfolio from previously achieved project results. Portfolio reviews are undertaken regularly as part of courses and studio projects, in order both to support individual reflection in relation to the learning process, and to assess the student's progression of knowledge at different stages of the programme.

**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 Degree Programme in Architecture are graded as follows:

- The grades pass (P) and fail (F) are used in the programme.

**Conditions for participation in the programme**

**Semester registration**
Each semester the student must do a semester registration. Semester registration means that the student intends to attend the programme he/she is admitted to during the semester.

Registration is necessary for results to be reported and a prerequisite for student financial aid from CSN.

**Course application**
From Study Year 1 and onwards the student must apply for the compulsory courses of the Degree Programme in Architecture to be taken the following semester. The application should be made during the following periods:

- 1-15 May for the Autumn semester
- 1-15 November for the Spring semester

Information about how to apply for courses will be given by the administration at the School of Architecture.

There are no non-compulsory courses within 300 credits of the Degree Programme in Architecture. However, within the projects of the advanced level a certain amount of choice is allowed.

**Election of courses: Basic Level**
All courses are compulsory, no choice is available.
**Election of seminar courses and studio projects: Advanced Level**
For elections to the various themes of the seminar courses and studio projects for the current school year a distribution is normally made as the places may be limited. The available places are allocated on the basis of the students' ranking of the various themes and from criteria previously presented to the students.

**Prerequisites for advancement**
The following prerequisites for advancement to the higher study years apply:

**Basic Level**

For Year 1 Degree Programme in Architecture:

- The first Autumn project must be completed, and the second project must be completed or judged to be completed before the start of the Spring semester.

For Year 2 Degree Programme in Architecture

- All compulsory courses from Year 1 must be completed and registered no later than 15 August before the Autumn semester commences.

For Year 3 Degree Programme in Architecture

- All compulsory courses from Year 2 must be completed and registered no later than 15 August before the Autumn semester commences.

**Advanced Level**

For Year 4 -Degree Programme in Architecture:

- All compulsory courses from Year 1-3 must be completed and registered.

For Year 5-Degree Programme in Architecture:

- All compulsory courses from Year 1-4 must be completed and registered.

To initiate the Diploma Degree Project all compulsory courses of the Degree Programme in Architecture must have been completed (270 credits for a 300 credits Degree of Master of Architecture).

For advancement to the following study year within the Degree programme in Architecture, Advanced Level, the following dates apply:

- For advancement to Year 4 and 5 and to initiate the Diploma Degree Project during the autumn semester, completion of courses and projects must be submitted no later than 15 August.
- For advancement to Year 4 and 5 and to initiate the Diploma Degree Project during the spring semester, completion of courses and projects must be submitted no later than 7 January.

**Regulation regarding completion**
**Basic Level**

Projects:

The project must be completed within a given time frame.

- 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 examination. The student will be informed about the possibility of completion with a clear instruction on the extent of the additional work which will be required for a passing grade and the deadline for when the work is to be submitted.
- Make-up assignments for the last project of the Spring semester must be completed and submitted no later than 15 August. After this date the project can no longer be completed.

Courses:

- A student who does not receive a passing grade will be given a written notification from the Examiner, no later than 15 working days after the examination, with a clear instruction on the additional work required for a passing grade and the deadline for when the work is to be submitted.
- In order to advance to the next study year, all courses must be completed no later than 15 August.

**Important information concerning completion of project and courses**:

Projects:

- Projects must be completed and submitted no later than the deadline for the submission of the following project.
- If a student takes leave from studies the Autumn semester projects must be completed and submitted no later than 1 June of the same Academic Year. The deadline for the Spring semester projects is 15 August of the same year. After these dates the project can no longer be completed.

Courses:

- If a student takes leave from studies, courses must be completed and submitted no later than 15 August in order for said student to advance to the next Study Year. If the student wishes to return for the Spring semester the deadline for completion is 15 December.

**Advanced level**

Projects:

- 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 upon.

The project must be completed within a given time frame. For examination of Studio Projects, completed works must be submitted to the Examiner, at the latest:

- 15 May, for completion relating to the Autumn semester of the same academic year
• 15 August for completion relating to the Spring semester of the previous academic year.

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

Note: A student who is fully qualified for study year 4 and 5 respectively, may participate in the following project during the study year even if an earlier project is not completed.

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

Regulation completion regarding Seminar and Orientation courses:

• A student who does not receive a passing grade will be given a written notification from the Examiner, no later than 15 working days after the examination, with a clear instruction on the additional work required for a passing grade. A time schedule and a project plan should be agreed upon.

*Recognition of previous academic studies*

A student may apply for recognition of previous academic studies. The application form can be found on the KTH website.

The application form is to be handed in to the administration at the KTH School of Architecture. The decision rests with the Director of Undergraduate and Master's studies (grundutbildningsansvarig).

The KTH policy concerning recognition of previous academic studies in its entirety can be found in the KTH handbook:

*Studies abroad*

Students within the Degree programme and Master's programme in Architecture are eligible for exchange studies. Exchange studies are possible in the advanced level only, and usually take place in Study Year 4.

*Degree project*

**Degree project, Basic Level**

The Degree Project at the Basic Level comprises 15 credits.

To be eligible for the Degree project at the Basic Level, 165 credits within the first three years of the Degree programme in Architecture are required.

Students may be awarded the Degree of Bachelor of Science with a major in Architecture after three years of architectural studies. KTH’s comprehensive rules and guidelines for Degree Projects for this degree are stipulated in internal directive number 4/2008 (Dean’s decision 0003/2008, dnr V-2008-0005, doss 21):
The Degree Project in Architecture, Advanced Level

The Degree Project in Architecture at the Advanced Level comprises 30 credits.

The Degree Project is an independent work that must be carried out within a specified time frame: one semester.

General regulations and guidelines for the Degree Project relating to the degree programme in Architecture are listed in the internal regulation No. 12/07 (Rektors beslut Dnr 595/2007, dnr V-2007-749).

All compulsory courses in accordance with the Degree Programme in Architecture comprising 270 credits must be completed before the student may start the Degree project.

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

Degrees

- Bachelor of Science with a Major in Architecture, 180 credits
- Master of Architecture, 300 credits
- Master of Science with a major in Architecture, 120 credits

Qualifications requirements for the Degree of Bachelor of Science with a Major in Architecture, 180 credits

The Degree of Bachelor of Science may be awarded after completion of all compulsory courses in the first three years of studies within the Degree Programme in Architecture and if the student fulfills the national qualifications requirements.

Qualifications requirements for the Degree of Master of Architecture, 300 credits

The Degree if Master of Architecture may be awarded after completion of all compulsory courses within the Degree Programme in Architecture and if the student fulfills the national qualifications requirements.

Qualifications requirements for the Degree of Master of Science with a Major in Architecture, 120 credits

The Degree if Master of Science with a Major in Architecture may be awarded after completion the equivalent of all compulsory courses within two year Master's programme in Architecture and if the student fulfills the National qualifications requirements.
The European Architect Directive
Master of Architecture fulfills the European Architect Directive (2005/36/EG, article 46), which means the right to practice the profession in other EES countries on the conditions applying in those countries. A list of recognized architecture programmes can be found in Appendix V.7 (5.7.1).

Reference to the internal qualifications ordinance of KTH.
Local regulation for qualifications at first- and second cycle:

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

Degree Programme in Architecture (ARKIT), Programme syllabus for studies starting in autumn 2016

### 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>A11HIB</td>
<td>History and Theory of Architecture 1: Introduction to European Architecture</td>
<td>7.5 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A11IAA</td>
<td>Introduction to the Discipline of Architecture</td>
<td>3.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A11IYA</td>
<td>Introduction to Architectural Practices</td>
<td>3.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A11KOB</td>
<td>Artistic Methods and Techniques 1</td>
<td>3.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A11P1B</td>
<td>Architecture Project 1:1 Assemblies, Geometries, Scales</td>
<td>8.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A11P2B</td>
<td>Architecture Project 1:2 Landscapes, Structures, Movements</td>
<td>9.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A11P3B</td>
<td>Architecture Project 1:3 Living, Working, Climates</td>
<td>16.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A11REA</td>
<td>Representation 1: Drawing and Descriptive Geometry</td>
<td>3.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A11TEB</td>
<td>Architectural Technology 1</td>
<td>7.5 hp</td>
<td>First cycle</td>
</tr>
</tbody>
</table>

**Optional courses**

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11INA</td>
<td>Introductory Course</td>
<td>2.0 hp</td>
<td>First cycle</td>
</tr>
</tbody>
</table>

**Supplementary information**

**Year 1 Experiments**

The overall objective for Year 1 is to give students basic knowledge in the discipline of architecture. Their work throughout the year equips them with a set of tools and concepts that allow a critical understanding
of the discipline and its working methods, and the ability to develop them. In the first year, students are introduced to various analogous and digital techniques for model making and drafting as tools for organizing and generating architecture, including building construction, urban environments and basic historic contexts. By the end of the year, students shall have learned the fundamentals of these tools and be able to generate, develop, document, reflect over, and evaluate their own (and others’) work; study references and gather information; and incorporate the knowledge they learn, develop and deepen that knowledge, and articulate it in architectural schemes.

An important aspect of Year 1 are design-based studies that open up and allow the discovery of the influence of various parameters on one another. Throughout the year, exercises introduce the complexity of architectural design by focusing on problems that are limited in scope but can illuminate complex issues. Each exercise builds on the previous one, focusing on fundamental concepts in architecture such as composition, scale, geometry, spatial connections, landscape, structure, movement, activity, massing, location, site, and climate. The students’ understanding of these concepts deepens with historical and theoretical contextualizing that gives them the opportunity to see each concept in relation to issues of power, systems of aesthetic values, culture, and gender.

**Year 2**

**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>A21AYA</td>
<td>The Discipline and Practices of Architecture</td>
<td>3.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A21HIC</td>
<td>History and Theory of Architecture 2: Architecture Modernity</td>
<td>9.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A21KOB</td>
<td>Artistic Methods and Techniques 2</td>
<td>3.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A21P1C</td>
<td>Architecture Project 2:1 Structure, Place, Activity</td>
<td>16.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A21P2B</td>
<td>Architecture Project 2:2 - Tectonics, Ornament, Transformation</td>
<td>5.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A21P3C</td>
<td>Architecture Project 2:3 Material, Space, Detail</td>
<td>12.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A21REA</td>
<td>Representation 2: Fabrication and Descriptive Geometry</td>
<td>3.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A21TEB</td>
<td>Architectural Technology 2</td>
<td>9.0 hp</td>
<td>First cycle</td>
</tr>
</tbody>
</table>

**Supplementary information**

This is a preliminary course list, study year 2, for students who started the programme 2014. Changes may occur. For an updated, current course list, please see the course and programme directory.

**Year 2 Articulations**

In the second year, *articulations* are introduced as a deeper exploration of the discipline of architecture. Students develop an articulated working method through projects which deal with the composition of a building, accommodating its functional programme and activities, considering its life cycle and relating its details to architectural design. The design projects increase in complexity, encompassing construction techniques, sustainability and the building’s interface with its users and surroundings.
Students explore the complexity that constitutes a work of architecture through processes specific to the discipline. First semester studio assignments focus on an accretive conceptual investigation of fundamental principles of the making of buildings, with themes such as structure, place, and activity. The assignments, which build on the concepts and techniques introduced in the first year, provide a means for the student to develop and maintain a systematic working method for the completion of projects within given parameters. These parameters also include aspects of social, historical, environmental, political and gender issues. The second semester studio projects advance in complexity while addressing concepts and principles of tectonics, ornament and transformation through the renovation/re-construction of an existing structure, problematising lifecycle perspectives. Likewise, material, space and detail are explored in the final project. All projects include work with physical models and advanced digital modelling and fabrication. In addition to design studio, courses in Architecture and Profession, Representation, Artistic Methods, History and Theory of Architecture and Architectural Technology

**Year 3**

**Mandatory courses (75.0 Credits)**

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits</th>
<th>Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>A31EXA</td>
<td>Degree Project in Architecture, First Cycle</td>
<td>15.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A31H1A</td>
<td>History and Theory of Architecture 3:1 World Architecture</td>
<td>6.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A31KAX</td>
<td>Degree Project in Architecture, First Cycle</td>
<td>15.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A31P1A</td>
<td>Project Studio 3:1, Urban Design</td>
<td>12.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A31P2D</td>
<td>Project 3:2 Urban Spaces and Landscapes</td>
<td>6.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A31REA</td>
<td>Representation 3: Processing and Presentation</td>
<td>3.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A31SFA</td>
<td>Urban Morphology and Urban Design Theories</td>
<td>6.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A31T1A</td>
<td>Architectural Technology 3:1 Building, City, Process</td>
<td>6.0 hp</td>
<td>First cycle</td>
</tr>
<tr>
<td>A31T2A</td>
<td>Architecture Technology 3:2: Building, City, Process</td>
<td>3.0 hp</td>
<td>First cycle</td>
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</tbody>
</table>

**Supplementary information**

This is a preliminary course list, study year 3. Changes may occur. For an updated, current course list, please see the course and programme directory.

**Year 3**

**Practices, Precedents, Profession**

The focus in Year 3 is on how students encounter the profession, relate to associated professions and understand the context of their work.

The students are introduced to and begin in-depth studies in the field of urban planning, and learning to understand and use the field’s concepts and theories. In addition, students develop the skills to analyse and design urban planning projects of high quality from master planning to detail.
The students reflect generally and specifically on the city’s global, historical, and cultural role in society. Central to this process are insights into the way various cultures and societal forms give physical shape to their communities through urban development. Students are meant to become aware in particular of the central role the discipline of urban planning plays in promoting sustainable urban and social development.

Through a series of practical assignments, students develop fundamental knowledge about infrastructure, landscape planning, and the planning process and regulations. In lectures and seminars, they learn about urban planning theory and history, and make use of that knowledge in their own work. Students are required to resolve assignments at different scales, from regional to master and site planning, and to integrate their work with individual buildings. They must master digital tools, and receive particular training in the ability to judiciously employ various presentation techniques. Students must demonstrate the ability to work both individually and in a group.

Year 3 ends with a Degree project, Basic Level (15 credits). In this project, students shall demonstrate well-developed knowledge of and skills in the architectural profession’s core expertise of architectural design and its technical, functional, and aesthetic dimensions, from urban planning to the details of an individual building. They must show that they can apply this knowledge in a concrete and compound architectural project and make a critical argument for and reflect on their work. This project marks the conclusion of the bachelor’s degree program and the urban planning year with a complex assignment that spans from a comprehensive urban perspective to individual building details, thus defining the architect’s primary field of activity.

**Year 4**

**Mandatory courses (60.0 Credits)**

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

**Supplementary information**

This is a preliminary course list, study year 4, for students who started the programme 2014. Changes may occur. For an updated, current course list, please see the course and programme directory.
The overall aim of the Advanced Level of the programme is to ensure individual progression and individual deepening of knowledge, competence and judgement within architecture and related knowledge areas.

The Advanced Level of the programme corresponds entirely to the 2-year Master’s programme in Architecture (120 credits).

Each semester of Advanced Level of the Degree Programme in Architecture consists of:

- two Studio Projects (12 credits each)
- two courses: an Orientation course (3 credits) and a Seminar course (3 credits)

The last semester consists of a final independent Degree Project (30 credits).

During the Advanced Level 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.

Year 5

Mandatory courses (60.0 Credits)

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course name</th>
<th>Credits Edu. level</th>
</tr>
</thead>
<tbody>
<tr>
<td>A52ARX</td>
<td>Degree Project in Architecture, Second Cycle</td>
<td>30.0 hp Second cycle</td>
</tr>
<tr>
<td>A52EXA</td>
<td>Degree Project in Architecture, Second Cycle</td>
<td>30.0 hp Second cycle</td>
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</table>

Conditionally elective courses

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

Supplementary information

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Appendix 2: Specialisations

Degree Programme in Architecture (ARKIT), Programme syllabus for studies starting in autumn 2016

This programme has no specialisations.