

# Architecture and Urbanism

Architecture and Urbanism	
<b>Offered by</b>	Department of Built Environment
<b>Language</b>	English
<b>Primarily interesting for</b>	All students, but most relevant for students interested in: - architecture/urbanism theory - developing scientific skills - linking spatial ideas to practice
<b>Prerequisites</b>	Required courses: - Recommended courses: -
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## Content and composition

The coherent choice package 'Architecture and Urbanism' offers two valuable elementary subjects for all students of architecture and urban design. In 'Research in Urbanism and Architecture 1' basic skills in relation to scientific research into urban design and architecture are being taught and placed in a broader perspective. In 'History of European Architecture and Urbanism' the history of European Architecture and Urbanism is offered in chronological order. Besides the student can specialize towards the discipline architecture with the subject 'Architecture and Technology', in which the translation of an architectonic idea into an architectonic detail is crucial. 'Landscape and Public Space' sorts to the discipline urbanism. The urban public space is the central theme of this course.

Course code	Course name	Level classification
7X0X0	Research in Urbanism and Architecture I	3
7X3X0	History of European Architecture and Urbanism	3
7W0X0	Landscape and Public Space (discipline Urbanism)	2
	OR	
7T8X0	Architecture and Technology (discipline Architecture)	2

## Course description

### 7X0X0 Research in Urbanism and Architecture I

This course offers an overview of various types and practices of research methodology in contemporary urbanism and architecture. The research methodologies currently being applied in urbanism and architecture will be harbored to those applied in other disciplines within cultural, social, economic and environmental sciences. Students are expected to complete a literature review, distinguishing and arguing the differences in research methodologies in relation to their findings and contribution to the state-of-the-art; reported in verbal, visual and textual components.

## **7X3X0 History of European Architecture and Urbanism**

The course consists of lectures and seminars. Together they form a whole and they are tuned into one another as regards contents and didactics. In the lectures the development of the history of European architecture and urbanism from the Middle Ages is crucial. Urban and architectonic developments are placed into their social, economic, historic and cultural context. In the seminars different types of cities, which are representative of the history of European architecture and urbanism, are analyzed by means of eight locations. The locations to be analyzed differ every academic year.

The analysis concentrates on these four central subjects:

- City examples which, implicitly or explicitly, model for the spatial structure and social backgrounds of the location to be analyzed.
- The original urban idea/scheme/plan of the location.
- The analysis of urban transformations on location and its social backgrounds.
- The architectonic transformations of a selected detail that is typical (or a-typical) of the spatial idea/scheme/plan of the location.

The primary goal of the lectures series is 'knowledge transfer' and the primary goal of the seminars is 'applied knowledge'.

## **7W0X0 Landscape and Public Space (discipline Urbanism)**

In many prospects the design of landscape and public space is the contra weight of the city and its buildings. It carries public life contrary to the private atmosphere of the house. It brings nature to the city and connects the city with its landscape surroundings. It is the spot where people meet, it plays and speaks, takes part in sports and cultural activities and thus adds on to the public spirit and sense of public responsibility. In this subject the design of the landscape and the public room is crucial in the first place. Both the historic development of the design and the way in which subsoil, civil engineering, vegetation, infra structure, pavement, and furniture together determine the landscape and the public space come up for discussion. Not to forget how the landscape also forms a natural, ecological system in which many processes together determine growth and flowering of flora and fauna. This subject forms an introduction to the master course 'Theory and Design of the Public Domain'.

## **7T8X0 Architecture and Technology (discipline Architecture)**

This course concentrates on the translation of an architectonic idea into an architectonic detail. What is the relation between the conceptual ideas of the architect and the detailing and implementation of a building and which are the methods and tools an architect has in order to translate ideas into a building? By studying excellent examples (by means of lectures of leading architects who will illustrate and explain the role of the detail in their projects) you will learn how to relate between architectonic idea and architectonic detail. In the shape of seminars you will be guided to making and working out of details independently according to a clearly defined architectonic concept.