

Architecture	
Offered by	Department of Built Environment
Language	English
Primarily interesting for	All students, but most relevant for students interested in: - architecture as expression - developing representation skills
Prerequisites	Required courses: - Recommended courses: -
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Content and composition

Architectonic designing is a process, in which both theories and ideas are being transformed into concrete objects such as experiences and impressions are being translated into causal contexts. This mutual transformation between abstraction and environment is the central theme of this coherent package. In the different parts the relation between object and experience with regard to the formal, cultural and tectonic dimension is thematized.

Course code	Course name	Level classification
7X7X0	Geometry and Form	1
7X8X0	Spatial Imagination	2
7X9X0	Tectonics and Materialization	3

Course description

7X7X0 Geometry and Form

In this course the relation between the formal qualities of a form and its expression in terms of systematics, materials and technique is crucial.

The contents of this seminar will consist of:

- Seminar series geometrical core concepts and calculation manners in architectural context with regard to; x,y,z-coordinates, vectors in area and space, lines and areas, practical calculation modes and non-linear surfaces.
- Seminar parametric systems; systematic exploration and comprehension of these core concepts with the help of digital resources.
- Practicum materializations; concerning architectonic and urban planning themes the geometrical concepts are being transformed to objects with a perceivable expression by making drawings and models.

7X8X0 Spatial Imagination

The purpose of this course is to help students learn to observe analytically, critically and creatively. At the end of the course you will be more refined in your spatial awareness. You will learn to use a specialist set of spatial concepts and demonstrate the refined understanding they make possible. Furthermore you will be invited to explore meaning through language and image and so begin to understand how the representation and perception of space are in fact expressions of yourself in relation to the object and that this holds not only when you express yourself in images, but even when you perceive and interpret images created by others. We cannot do this adequately without exploring the cultural conditions and social mechanisms under which a work of art performs its magic; how it reacts to time and place. In short students will develop a critical apparatus with reference to the production of space that will help them refine their professional interest in the design and production of a built environment.

7X9X0 Tectonics and Materialization

In this course the possible positions concerning the relation between technique and appearance can be taken, systematically examined and interpreted/ explained. This takes place both on the basis of artefacts made by the students and on the basis of the work of artists and architects.