**EPFL**

AR-401(c)  **Studio MA1 (Geers)**

Geers Kersten

| Cursus | Sem. | Type |
|---|---|---|
| Architecture | MA1, MA3 | Opt. |
| Mob. AR | H | Opt. |

| | |
|---|---|
| Language of teaching | English |
| Credits | 13 |
| Session | Winter |
| Semester | Fall |
| Exam | During the semester |
| Workload | 390h |
| Weeks | 14 |
| **Hours** | **6 weekly** |
| Courses | 2 weekly |
| Project | 4 weekly |
| **Number of positions** | **35** |

**Remark**

Inscription faite par la section

**Summary**

Key competences for every architect are the ability to represent ideas coherently and communicate a project's aims effectively. Design, painting, photography, modelling and graphics are essential to the architectural project and become didactic instruments for the development of individual talent.

**Content**

MERGED REALITIES
With digital media exerting a decisive influence on our contemporary environment, our view of the world is undergoing constant changes. Computer and information technologies are increasingly shaping our environment. It has become ever more difficult to draw a clear line between what is virtual and what is real. Digital information and editing technologies continuously condition us as to how we perceive, understand, structure and transform our environment and how we express ourselves within it. The aesthetics and forms of expressions that have arisen from this digital world keep intermittently penetrating our visual environment, not merely the virtual one, but they also leave a clear footprint on our physical and analogue environment.
The starting points of the module are the aesthetics and forms of expression derived from digital origins. In a first step, digitally generated images as well as symbols and graphical fragments of computer user interfaces will be examined as to their appearance and optical characteristics. In a second step, the captured properties will have to be transferred pictorially and integrated into the photographic image. The main interest lies in the visual merging of "virtual and real" by means of montage. During the semester, students will develop a picture work consisting of several pictures - based on the content conveyed in the teaching units and the exercises distributed throughout the course.
The course encourages the use of digital instruments in engaging at the very extreme limit of the interplay between reality and fiction.

**Keywords**

experimental and visual compositional techniques, rearranging, idea and representation, the real and the imaginary, the object and its image, architectural expression, figurative digital tools, digital image techniques, photography, image montage, rendering

**Learning Prerequisites**

**Important concepts to start the course**

- basic knowledge of techniques of image editing and 3D modelling
- laptop to work with during the course days
- Adobe Photoshop (min CS 5) software installed on computer

• basic knowledge of English

## Learning Outcomes

By the end of the course, the student must be able to:

- Develop indepedently a consistent architectural project with a critical mindset and a precise cultural foundation.
- Produce drawings, models, perspectives that are able to communicate the idea of the project.
- Conduct a research of historical architectural types.
- Elaborate on the Even Covered Field, Roman Architecture and Metropolitan Architecture

## Teaching methods

- lectures, workshops, practical work (individual)
- intermediate exercises and final work
- desk critiques.

## Expected student activities

- strong interest in (digital) image processing techniques
- mandatory and attentive attendance during all of the course days
- high level of personal commitment and active participation during course days
- weekly assignments.

## Assessment methods

- continuous assessment
- intermediate exercises, desk critiques (60% of grade)
- review final work (40% of grade).

## Supervision

| | |
|---|---|
| Office hours | No |
| Assistants | No |
| Forum | No |
| Others | |

## Resources

### Websites

- http://www.constructingtheview.org
- http://www.philippschaerer.ch