

AR-302(a)

**Studio BA6 (Viganò)**

Viganò Paola

Cursus	Sem.	Type
Architecture	BA6	Obl.
HES - AR	E	Obl.
Mob. AR	E	Opt.

Language of teaching	English
Credits	12
Withdrawal	Unauthorized
Session	Summer
Semester	Spring
Exam	During the semester
Workload	360h
Weeks	14
<b>Hours</b>	<b>6 weekly</b>
Courses	2 weekly
Project	4 weekly

**Number of positions**

**Il n'est pas autorisé de se retirer de cette matière après le délai d'inscription.**

**Remark**

Inscription faite par la section

**Summary**

Is it conceivable to question the very presence of highways in urban environments? What potential for requalification does this space, with its unique characteristics, offer?

**Content**

This is the central question that the Design Studio will explore during the spring semester, producing "counter-projects" aimed at overcoming, dismantling, adapting, repurposing, and reconceptualizing the highway barriers still present within the city.

Several Swiss cities are intersected by stretches of the national road network, remnants of a bygone era. Today, these roads act as barriers to urban movement, sources of air and noise pollution, and spaces of congestion, as the massive traffic volumes they channel into the city are excessive. The first step is to identify and map these areas; the second is to develop hypotheses about their potential evolution.

Drawing on existing research, site visits, and project development, the Design Studio will generate ideas and perspectives to be debated collectively and publicly, taking Zürich as our case study.

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Celle-ci est l'interrogation que l'Atelier développera dans le semestre de printemps qui produira des « contre-projets » urbains de dépassement, démantèlement, adaptation, réutilisation, reconceptualisation des barreaux autoroutiers encore présents dans la ville.

Plusieurs villes suisses sont traversées par des tronçons du réseau des routes nationales helvétiques qui appartiennent à une époque dévolue : ils agissent, aujourd'hui, comme des barrières aux mouvements de la ville, des pollueurs de l'air et acoustique, des espaces congestionnés car les grands volumes de trafic qu'ils amènent en ville est excessif. Il s'agit d'abord de les repérer, de les cartographier et, deuxième, de développer des hypothèses de leur évolution.

A partir de recherches déjà développées, de visites des sites et de la construction de projets, l'Atelier fournira des idées et des points de vue à débattre collectivement et publiquement, prenant ici Zürich comme cas d'étude.

**Keywords**

Highways - urban environments - requalification - counter-projects - movement

**Learning Outcomes**

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

- Elaborate a reading of the territory with strong on field appropriation
- Assess / Evaluate critically the contemporary urban condition and landscape
- Develop scenarios
- Develop inter-scalar strategies
- Elaborate transcalar prototypes
- Develop scenarios to address the issues of climate change regarding the landscapes

### Teaching methods

The work is organized through a series of design operations:

- design as descriptive tool: fieldwork, deep reading of territorial figures through mapping and other representations;
- design as conceptual tool: socio-spatial prototypes designed as "concrete descriptions of future situations"

Students will also actively participate in seminars with local experts, researchers, associations, and performers.

### Expected student activities

Projective construction of transcalar images of the future of urban and natural landscape using videos, maps, architectural drawings, and models.

Understanding and interpretation of the proposed bibliography through short presentations.

Students will visit the site in Lausanne and/or Geneva several times during the semester to experience the place with their bodies, together with guest speakers and performers.

### Assessment methods

The materials produced by the student will be the basis of a presentation evaluated taking into account:

- the student's contribution to teamwork and individual
- the quality of the different representations and of the project
- the capacity to place the work in a broader context
- the deepening of the proposed literature

### Supervision

Assistants	Yes
Others	Alexander Wegener

### Resources

#### Ressources en bibliothèque

- [Water and asphalt / Viganò](#)

#### Moodle Link

- [https://go.epfl.ch/AR-302\\_a](https://go.epfl.ch/AR-302_a)