

AR-301(a)

**Studio BA5 (Viganò)**

Viganò Paola

Cursus	Sem.	Type
Architecture	BA5	Obl.
HES - AR	H	Obl.
Mob. AR	H	Opt.

Language of teaching	English
Credits	12
Withdrawal	Unauthorized
Session	Winter
Semester	Fall
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**

The Studio explores the evolution of Parisian landscapes facing climate change. Through a deep reading of Paris to identify the various issues linked to the socio-ecological transition and its landscape repercussions, students will imagine and design possible futures for the metropolis.

**Content****EXPLORATION of the Design Studio**

The design studio takes advantage of the Habitat Research Center's research work on the "Atlas of Paris' landscapes", a mandate delivered by the City of Paris and the French State, to read and collect knowledge about the city of Paris. It proposes to address future issues of urban and natural landscapes. Starting from the various paradigm shifts required today, the concepts of perception, adaptation, neo-hygiene and well-being, for both human and non-human subjects, will be critically interrogated to initiate the sketching out of new forms of narratives. Thus, addressing the challenges posed by the evolution of "natural" and urban landscapes, together with a growing population, some specific situations/landscapes within the city of Paris will be examined and will become the object of conceptual and future investigations at different scales.

New forms of coexistence - between different species, populations and activities, but also with risks - will then be made possible, building scenarios and visions of new living spaces, based on strategies for opening up new relationships, intensifying and adapting the inhabited landscape to climate change and the resulting notion of adaptation.

**THEORETICAL FRAME**

The Atlas of Paris' landscapes presents a unique opportunity to read the contemporary condition of metropolises in the era of climate change and social tensions. Subjected to a multitude of pressures and socio-eco-political issues, cities are now looking for tools capable of ensuring the sustainability and innovation of their living conditions. Investigating urban and natural landscapes involves multiple gazes of users, inhabitants, tourists and works as a levee to enlarge any disciplinary gaze, to construct inclusive dialogues between the different parts (expert/non expert; human/non human). It might open to a novel approach to the urban future. The design studio will therefore focus on considering the characteristic features of the Paris landscape(s), and their relationships to the ever-increasing risks and threats facing the metropolis at a time of climate and social crisis.

In fact, urban and natural landscape structures, sometimes weak and discreet, must be considered at their true value to be reinterpreted and re-imagined at a time of socio-ecological transition: the multiple services rendered by the latter are crucial to the reflection on the ecological and socio-economic transition project.

**WORKSHOP & occasions**

An on-site workshop will take place at the beginning of the month of October during an extended weekend to document

the territory while meeting locals, inhabitants, and experts.

Even though it will be the main on-site experience, many other occasions to discuss and exchange with experts in the studio's field of research will be organized during the semester.

### Keywords

Urban and natural Landscape, Climate change, Risks, Health, Life, Adaptation, Atlas, Scenarios

### 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 to address the issues of climate change regarding the landscapes
- Develop inter-scalar strategies
- Elaborate transcalar prototypes
- Develop inter-scalar strategies
- Elaborate transcalar prototypes

### 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, stakeholders.

*Students will need to plan for the following costs: the study trip to Paris in mid-October, i.e. the train journey, four nights' accommodation in a shared hostel/hotel, metro tickets, etc.; and, generally during the semester, sketches on tracing paper and materials for the final critique models (probably one model per group of 3 students).*

### 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.

### 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

### Resources

#### Bibliography

A bibliography will be provided all along the semester.

#### Moodle Link

- [https://go.epfl.ch/AR-301\\_a](https://go.epfl.ch/AR-301_a)