

AR-401(a)

Studio MA1 (Vigano)

Viganò Paola

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

Language of teaching	English
Credits	13
Withdrawal	Unauthorized
Session	Winter
Semester	Fall
Exam	During the semester
Workload	390h
Weeks	14
Hours	6 weekly
Courses	2 weekly
Project	4 weekly

Number of positions

It is not allowed to withdraw from this subject after the registration deadline.

Remark

Inscription faite par la section

Summary

The Atelier explores the possibility of designing the city, the urban and territorial space, as a renewable resource; its scope is to plunge the last year master students into an intense confrontation among themes, scales, theoretical and design positions.

Content

Beyond the center/periphery opposition, the City-Territory concept allows to read the dispersed contemporary condition as a potential, and not only as a problem, for the construction of a sustainable and innovative urban dimension, where the notion of territorial reconditioning/recycling/reinvestment reverses the idea that urbanization is just a process of waste and considers it, instead, as a "stock" and a reservoir of embodied energy.

In the frame of the "Alpine-Leman City-Territory", a vast inhabited landscape stretching along the shores of the Leman lake, from the plain of Chablais to the Arve Valley, the Atelier will focus on the "Grand Genève" metropolitan area and its landscape. This large transboundary metropolis is experiencing today a strong demographic growth, exerting an unprecedented pressure on its soils, especially considering the role they will play in the future for the ecosystem and for the construction of a new form of city.

Here, particular topographic and hydrographic systems, equipment and infrastructural meshes, agricultural landscapes in transformation, open spaces and heterogeneous residential tissues have drawn over time specific territorial structures, in some cases weak or discrete, that need today to be deeply reinterpreted and re-imagined.

To react to the challenges posed by the evolution of a "natural" and productive landscape, inhabited by a growing and increasingly diverse population and to question the idea and form of the contemporary western metropolis, the Atelier proposes - through the project - to conceive new spaces for the everyday life, based on the reinvention of traveling and living practices, on strategies aimed at opening new life cycles and at densifying and adapting the inhabited landscape to climate change, and to the economic and social transition.

Keywords

City-Territory, Resource, Life Cycle, Urban Project

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
- Develop scenarios
- Develop inter-scalar strategies
- Elaborate prototypes and territorial urban projects

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"

Expected student activities

Projective construction of urban scenarios and prototypes through the use of 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
Others	Tommaso Pietropolli Qinyi Zhang