

AR-302(ad)

**Théorie et critique du projet BA6 (Delhay)**

Delhay Sophie

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

Langue d'enseignement	français
Crédits	12
Retrait	Non autorisé
Session	Eté
Semestre	Printemps
Examen	Pendant le semestre
Charge	360h
Semaines	14
<b>Heures</b>	<b>6 hebdo</b>
Cours	2 hebdo
Projet	4 hebdo

**Nombre de places**

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

**Remarque**

Inscription faite par la section

**Résumé**

LA VILLE COMME UNE MAISON - Habiter le campus en transformant le hall SG: Une salle à manger pour 1000 personnes, ouverte et flexible. Voyage d'étude: Madrid

**Contenu****DOMESTIC CITY LAB  
STUDIO SOPHIE DELHAY****THE CITY AS A HOUSE**

**Inhabiting the campus by transforming the SG hall:  
A dining room for 1000 people, open and flexible.  
FIELDTRIP: MADRID**

**A THEME - THE HABITAT**

The Domestic City Lab is part of EPFL's Habitat-Housing orientation.

The studio explores the habitat as the starting point for an intimately collective and solidary life, and explores territories from their domestic dimension.

Comprising almost 80% of the city's grain, the habitat is a decisive lever for encouraging social relations and care, while reducing our need for resources and energy, in order to bring together the city and housing in a single movement. Working on housing means finding ways to make a socially and spatially fairer world possible, within an ecology of human relationships.

The two semesters explore how we can live together and alone, through food and through uses and climates, declined into 3 themes:

**Spaces and Uses:**

The habitat puts forward spatial, environmental and social dimensions.

Its spatial dimensions are properly linked to the architectural discipline (plan composition, constructive, material and atmospheric qualities), its social dimensions are linked to lifestyles and uses, and its environmental dimensions are

linked to the need to save space, resources, materials and energy.

That's why we see housing as an emancipatory principle capable - in the light of the social and climatic crises we're facing - of revolutionizing our cities as close as possible to their inhabitants. For this reason, it is a powerful tool for designing the city of tomorrow in a way that is more reasoned, more desirable, fairer and more sustainable.

Intimate Territories:

The studio situates habitat in a broader spectrum than just housing.

Rather, habitat is seen as spaces and uses stretched between small and large scale: between furniture and territory, domestic and urban scale, body and city, the short time of daily gestures and the long time of successive lives.

The habitat is also the place where ordinary and extraordinary moments, functional and poetic aspects, habits and surprises intermingle.

Habitat is therefore both rational and poetic, concrete and abstract, immanent and ontological, founded on our ability to project ourselves - to dream of tomorrow - and to be grounded by our memory - our past history.

In short, the habitat, above all, establishes relationships, articulations, and puts opposites into perspective, notions that are a priori contradictory or usually dissociated.

The habitat is the place of social links.

### **A PRETEXT: THE KITCHEN**

The kitchen is the starting point for both semesters.

As architecture, the kitchen is at once a space (a room), a use (the meal), a time (a ritual), but also a vital need (where sustenance is provided) and a cultural fact (gastronomy, a vernacular and exploratory discipline - local and global - between traditional and nouvelle cuisine).

It's also:

- the primary reason for sedentary living (Abel and Cain)
- a link to the land (farming and agriculture)
- a place where the animal and the vegetable kingdoms enter the dwelling
- a place for storage
- a place for assembly, transformation and disappearance of matter
- a place where food is prepared before being destroyed
- a historically gendered space
- a place of pleasure
- a place of conviviality (copain: those with whom we share bread)
- a place for health (a balanced diet)
- a technical place (water supply, cooking, ventilation, etc.)

For all these reasons, the kitchen interests us in that it questions the very essence of architecture, and more specifically that of the habitat. The studio speculates on the ability of the kitchen to stimulate a more virtuous way of living in the world today at all scales.

### **ONE METHOD - 2 INVESTIGATIONS / 2 SEMESTERS**

We invite you to explore two scenarios in which the distinctions between interior and exterior, small and large dimensions, usually assigned to housing on the one hand, and to the city on the other, are recomposed differently.

It's speaks of one subject: the habitat.

In this spirit, we would live the house as a city and the city as a house.

### **THE CITY AS A HOUSE**

**Inhabiting the campus by transforming the SG hall:**

**A dining room for 1000 people, open and flexible.**

The spring semester explores the EPFLs territory in an immersive way from its small scale, between the campus and the SG hall.

### **RESEARCH**

*Public Interiors*

The semester begins with the analysis of a corpus of public interiors.

Analyses are carried out individually, looking for the domestic scale of such space. How does their public scale is closely related to the smaller scale of the furniture and what domestic choreographies are at play in such urban conditions?

## PROJECT

### *Flexible SG*

In groups of three, with the collective knowledge acquired during the research phase, develops a proposal for transforming the public interior space of the SG hall. This collection of proposals forms a collective project that aims to transform the SG into a more appropriable, convivial and domestic space.

Using a large-scale model of the SG hall and its surroundings, a collective study puts in light hypotheses that are then studied in small groups.

## RESEARCH THROUGH THE PROJECT

### *Ordinary and Extraordinary*

The ordinary daily ritual of the meal is taken as a domestic pretext in the campus' life. A dining room symbolically for «1000» people, open and flexible, can participate in the transformation of the space.

Extraordinary events, such as projections, exhibitions, lectures, taking place in the SG hall are to be studied and are pretext to the conceptual fabrication of elements appropriable and free of use both by students and the head of school. The university is shared both by students and staff, for both private and public purposes. Through the development of construction, maintenance and use protocols, all proposals must be capable of introducing a convivial aspect to the SG hall without disrupting existing uses.

### *Interpretations*

All imagined interventions should be freely interpretable, allowing not only their own function, but also participation in other uses.

### *Atmosphere*

The domestic aspect of the intervention will also have to answer to atmospheric conditions, following acoustic comfort, material and language conditions.

### *Fragments*

Through reuse of the campus' waste, each group will focus on the construction of a fragment of its proposal, not only to test the feasibility of the proposal, but also to offer a part of its project to the building for future uses.

## Mots-clés

Architecture, Habitat, Logement, Communs, Transformation, Alimentation, Production, Corps, Territoire, Grille

## Compétences requises

### Cours prérequis obligatoires

NON

### Concepts importants à maîtriser

- Interprétations
- Partage
- Evolutivité
- Convivialité
- Bien-commun
- Valeur d'usage
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## Intimité

### Acquis de formation

A la fin de ce cours l'étudiant doit être capable de:

- Relier la question des usages et la question de l'espace.
- Etablir des liens entre des échelles contrastées.
- Manipuler avec dextérité des combinaisons de plans et de motifs.
- Formuler clairement ses propres positions.
- Concevoir un projet cohérent à toutes les échelles

### Compétences transversales

- Faire preuve d'esprit critique
- Recueillir des données.
- Utiliser une méthodologie de travail appropriée, organiser un/son travail.
- Faire une présentation orale.

### Méthode d'évaluation

L'évaluation se fait au fil du semestre à l'aide des critères suivants:

- Processus individuel
- Recherche individuelle
- Processus de groupe
- Projet
- Cartographie & Inventaire
- Ensemble & Séparément
- Partages

### Encadrement

Office hours	Oui
Assistants	Oui
Forum électronique	Non
Autres	DOMESTIC CITY LAB
	<ul style="list-style-type: none"><li>• prof. Sophie Delhay, sophie.delhay@epfl.ch</li><li>• Romain Curnier, romain.curnier@epfl.ch</li><li>• Capucine Legrand, capucine.legrand@epfl.ch</li><li>• Harry Waknine, harry.waknine@epfl.ch</li></ul>

### Ressources

#### Service de cours virtuels (VDI)

Non

### Bibliographie

**Interprétation**

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**Interface**

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**Motif**

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**Evolutivité**

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**Partage**

ANTONAS Aristide, AURELI Pier Vittorio, FRANKLIN Raquel, Hannes Meyer: *Co-op Interieur, Wohnungsfrage*, Spector books, 2015  
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### Sites web

- <https://livingarchives.epfl.ch/projects/?type=Project&unit=DC-LAB&sort=date#CE>
- <https://www.instagram.com/studio.sophiedelhay.epfl/>
- <https://www.epfl.ch/labs/dc-lab/>