
PROGRAMME OF COURSES

2ND SEMESTER 2023/2024

Licence 3 (3rd year) – semester 6

Informations :

All courses are taught in French.

Teachers may communicate in other languages for practical courses: these languages of communication are mentioned in the catalogue.

Lectures are given in French only.

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Subject:
L621 PROJECT

Teachers:
NAVINER Brigitte
CHABROL Marie-Léonie

ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

ENGLISH FRIENDLY
communication language

SPANISH FRIENDLY
communication language

PROJECT

L621PA01 Urban project

Objectives: This project group is dedicated to the 'urban project' not as a new method of urban planning but above all as an approach proposing to take an interest in the social city but also the physical city and to observe their transformations in order to be able to accompany them and propose new ones. The discourses and practices of the 'urban project' are manifold. An attempt will be made to elucidate its significance. The challenge of this semester will be to work on 'urban sprawl, in urbanised areas' and the territory chosen for this will be that of the 'Murs à Pêches' sector in Montreuil in the inner suburbs of Paris.

Content: The question of the 'Ladders of the City' will be the common thread of the semester of work.

ABOUT THE 'URBAN PROJECT'

The 'urban project' differs from the superimposition or juxtaposition of architectural objects or urban models. It is defined, by default, in relation to the architectural project, by distinguishing itself from it at three levels: the spatial scale (understood as the articulation of relationships with territorial surfaces), the temporal scale (long time, structuring time, present time, notion of phasing, future time) and the logic of actors (their plurality and their large number).

THE VISIBLE AND ITS WRITING

Observe, draw, move, observe, draw... in order to capture, through the drawing organized in sequence, the space of the place in its light and geometry. Drawing will be considered as a means of representation, as a design tool but above all as a mode of investigation in the service of the 'urban project'.

WORDS TO SAY IT

The work of reflection and production around the 'urban project' will be an opportunity for students to clarify their own discourse by learning to pose a problem, to structure a statement and to familiarize themselves with the use of concepts.

THEMES TO INTERPRET AND THEN TRANSFORM

Students will be invited to build their own approach around themes that, for some, will be dealt with during conferences and, for others, will emerge from their

interpretation of the selected sites, such as: limit, scale, identity, diversity, density, etc.

ERASMUS

This semester 6 project group also aims to prepare students for a possible mobility (Erasmus or other) in semester 7, by: Welcoming foreign students on mobility working in mixed teams a study trip (planned, if conditions allow, to London in June 2023) bilingual education (French-English), cultural preparation for candidates for an Erasmus or other internship hosting foreign lecturers and teachers in London mobility, etc.

Summary presentation slideshow of the project group:

https://parislavillettearchifr-my.sharepoint.com/personal/brigitte_naviner_paris-lavillette_archi_fr/_layouts/15/guestaccess.aspx?guestaccesstoken=F9o8wRtO%2BNMTrvzKB1fyj55hfilkQHl3SdkaGzyVrok%3D&docid=2_0656d62395d0043a88dd2f774b86c6c83&rev=1&e=VikWlg

**Work
required:**

The composition of the teaching team explains the pedagogical methods at work: 1) project exercises 2) collective reading of reference texts and theoretical courses on the city 3) the practice of drawing as a tool for investigation, design and figuration 4) the practice of bilingualism (English/French) in teaching.

**Course
Materials:**

Students can submit their work in French, English or Spanish.

Subject:
L621 PROJECT

Teachers:
MAURIZIO Gian Mauro
BRUTER Jonathan



ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

PROJECT

L621PA02 Urban project

Objectives: URBAN AND ARCHITECTURAL PROJECT

This project workshop intertwines an introduction to the urban project and an exploration on an architectural scale of a fragment of the overall project (urban guide plan/strategy) developed by the students. The urban project addresses the question of urban extensions, density and the transition between natural, public and private spaces. He is interested in the relationship between the building, the plot and the public space. From the territorial scale to the architectural scale, analysis and project will go hand in hand, both feeding each other.

This workshop is part of a partnership between the Departmental Directorate of Territories in Mayenne (DDT) and ENSA Paris La Villette. It raises awareness of the contemporary challenges of rural municipalities, their transformations and their evolution.

While the artificialisation of agricultural and natural land has been going on at a steady pace for several decades, we are at the same time witnessing a desertification of town centres, and even some old housing estates. This dual movement of urban expansion/desertification is also accompanied by the development of bypass infrastructures and the establishment of business and commercial areas at the entrance to the city to the detriment of agricultural areas, which empty the centres of their local shops. The Mayenne commune for the 2022 rural workshop is Montsûrs.

Content: RURAL WORKSHOP IN MAYENNE

It takes place in three phases:

1 - Analysis and development of the urban guide/strategy plan from March to May. The geography tutorial will support the analysis phases on geomorphology and hydromorphology.

This phase will begin with a day of surveying that will allow the group to meet the land, elected officials, the DDT's consulting architect and landscape architect and key people in the area.

In parallel with the analysis of the territory studied, an analysis of exemplary projects will be carried out by pairs of students.

Architectural and urban projects will be carried out simultaneously through:

- The relationship with infrastructure and the landscape
- A reflection on public space and its organization in a rural commune
- The spatial project on an architectural scale: densification, rehabilitation, reconstruction or extension, etc.
- The project on an urban scale in a critical way in relation to the generic form of suburban production.

We will look for ways to respond to the challenges of enhancing rural identity through the relationship to history and heritage, the landscape, the elements of physical geography (relief, hydrography, geology, pedology,...) and of course the economy of resources (land, natural, etc.). The territory and the landscape will be "material for the project", they will feed the reflection on the project.

This analysis and strategy phase will end with a 5-day off-site workshop. This pivotal moment will be an opportunity to present the guide plans and to elaborate spatialized intuitions in the form of urban and/or architectural micro-fictions.

This trip will be an opportunity to identify the existing buildings, the surroundings of the situations on which the students plan to work until the end of the semester.

2 - The architectural project will be developed from May to July, based on micro-fictions and in relation to the urban strategy developed in phase 1. It will allow a round trip between the urban/territorial and architectural scales in order to best respond to the issues unsaddled in the analysis of the city.

The project will take into account in detail morphological conditions (slope, sunlight, built and/or natural environment,...), social conditions (uses, temporalities, socio-demographic evolution and working methods, etc.), systemic conditions (relations between the different sectors of the municipality,...), dynamic conditions (trend of evolution of the project through ongoing projects, the PLU, and transformations related to climate change)

3 - Exhibition and presentation of the work by the students to the elected representatives of Montsûre (travelling exhibition)

This phase of presentation of the work carried out at the end of the semester will allow for a debate with the actors of the territory on the issue of development and the emergence of quality projects in rural territories lacking spatial engineering. It will allow for a mutual enrichment between two worlds that rarely come into contact: aspiring architects for whom the countryside is still a marginal subject, and elected officials and inhabitants of small towns often overcome by a feeling of abandonment.

Accommodation and food costs are covered by the DDT. Transportation costs are (partially or entirely) covered by the school.

**Work
required:**

Workshop work: weekly reports in the form of mock-ups and presentation of graphic documents allowing everyone to listen to and share. This is a time when dialogue will be encouraged with teachers, but also between students. It is essential to engage and get involved through this exchange.

Work sequences:

- Analysis of an exemplary urban project: A3 notebook rendering
- Observation, analysis, "dynamic" diagnosis and representation of the site
- Development of the overall urban strategy for the municipality and development of a piece of the city on a site to be chosen: choice of the site and determination of the program will be carried out according to the work of global analysis and the first issues raised.
- Spatial project on an architectural scale on a fragment of the urban project. Decontextualized at first, it will address typological questions and the articulation between private and public space and then "recontextualized" in the urban fabric of the project in development: the experimentation of urban forms will make it possible to rethink the architectural questions raised at the beginning of the project. The small size of the cities chosen makes it possible to embrace a municipality in its entirety and to envisage its development in a global way while integrating its relationship with the territory. Groups of students will be able to meet and think about their projects collectively to propose a coherent global urban strategy for the entire municipality.

**Course
Materials:**

Subject:
L621 PROJECT

Teachers:
NORDSTROM Minna
MARTIN Patrice

ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

PROJECT

L621PA03 Urban project

Objectives: Based on a spatial approach to the urban project, the architecture studio aims for a fine articulation between Theory and Practice, which proceeds through the project as an instance of verification and questioning that constantly refers to theoretical knowledge. This is the moment for the student to explore urban analysis and the processes of making the city through the theme of collective housing as an element of construction of the city and its fabric. It is also a question of acquiring an architectural and urban culture by putting the student in a situation of planning in order to understand and to understand in order to act alternately from soils understood as common goods, which is one of the major current challenges for the making of cities and which make it possible to articulate all its scales, from the territory to the built environment. Thus, we consider that the specificity of this semester (S6) is this work on public space, or more broadly on public and private outdoor urban spaces. Reflection on their limits, their dimensioning, their materialization, and their relationship with public facilities and housing must be carried out in parallel - and in close relation - with the design of the buildings.

Content: In a specific urban setting of Greater Paris (PLAINE DE L'OURCQ, IVRY), a group of students projects, based on a logic that structures an overall plan through public spaces (organizing the relationship to geography and the urban landscape), an urban fabric (fragmentary mediations, built typologies, etc.) by critically inscribing it in relation to the abstract regulatory data that govern, densities, sizes, mixes... sometimes stemming from the logic of divergent actors.

The studio proposes to develop the project based on four topics for reflection:

- Confrontation with the architecture of the city
- Relationship to public and private floors: continuity, materiality, thickness, etc.
- Housing typology and uses
- Collective nature of the housing project and the public infrastructure project (feasibility level)

As a preamble, the development of the project will be based on the comparative study of significant urban and housing projects based on given themes (urban structure, layouts, divisions, allotments, distributive and typological organizations, nature of soils, etc.). Based on these case studies, the aim will be to become aware of the influence of a typology on the urban form and vice versa. A close look will be taken at the residential buildings of the "other modernity" that are particularly present in Copenhagen, Stockholm and Amsterdam.

Initially, team work (4 to 5 students) will establish an analysis of the urban and geographical structures and the urban system considered. This oriented analysis will make it possible to establish a diagnosis outlining the prospects for transformations through an overall project allowing the definition of the routes, the divisions, the open spaces and the mix of uses envisaged. A set of rules or guidelines will be established globally and collectively.

Then, individually or in a small group, it will be a question of taking charge of a piece of urban fabric and simultaneously developing the built volumes and the public spaces: defining the character and distributions of collective organizations, the status of open spaces and questioning the rules previously enacted with regard to architectural developments.

The design and materiality of the "voids" will mainly be addressed by the question of the soil, which makes it possible to cross the questions of uses as an extension of the housing, water paths, surface effect and plantings, etc. Noting that the relationship to the ground is generally poorly controlled in contemporary housing projects, particular attention will be required in the design of the ground floors of buildings. The "attachment" to the real ground, the precise levelling of the thresholds, must be the subject of particular attention as a guarantee of the collective character of the housing project.

By striving to understand the interlocking of scales of thought in the urban project approach and by paying particular attention to typologies and plots, the general objective of this semester is to grasp the interactions between buildings and public spaces and the movements that can be made in an approach that consists of projecting to understand and understanding to project. actions between buildings and public spaces.

**Work
required:**

Nature of the work requested:

Maps of the territory from 1/25000 to 1/500

Models and drawings (coordinated geometric) representing the urban environment will be developed from 1/2000 to 1/500.

Diagrams and sketches of spatialized intentions.

Radical Mock-ups

Specifically:

An exterior and interior floor plan will be developed at 1/200 scale with excerpts at 1/50 scale.

A 1/50th perspective section will express the relationship between housing and the city by dealing with the relationship between buildings and public spaces in all its constructive dimensions.

Organization of teaching:

Each weekly session will be structured by allowing a time (1 to 2 hours) to offer students an intervention on a theme related to the expectations of the studio sequence. It may also be an opportunity to examine architectural and urban references or readings based on a defined corpus. Students will be invited to present their research based on this corpus. Themed and easily accessible visits (Paris and inner suburbs) will be organized according to the themes addressed around the issue of housing.

Alternately, the session will take the form of a poster in order to collectively reproduce the work done, or individually in order to go back in detail to particular project elements.

The sessions will conclude with an overview of the week's work and the expectations for the following week

Complementarities with other teachings:

The studio is the place where the student learns to project as a mental "breathing" associating opposing or distant knowledge. It must bring together the knowledge acquired from the previous years and in particular for Semester 6: Theory of Architecture / Urban Analysis / History of Cities / Construction Culture / Plastic Arts

Course

Materials:

The course materials will be put on Taiga as the semester progresses.

Subject:
L621 PROJECT

Teachers:
GOYON Armelle
BRINGAND Flora

ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121



PROJECT

L621PA04 Productive City: Living and Producing in the 'Horizontal Metropolis'

Objectives: The inseparability of architecture, the city, the territory and a society in motion is at the heart of the proposed project approach. The aim is to practice "crossing spatial and temporal scales" in order to explore an architectural project that orients the urban project and to design an urban project that characterizes the building.

The prospective dimension of urban design, intimately linked to the urgency of reducing the environmental impact of our cities and our lifestyles, guides the workshop.

We will work on a disruptive scenario that pushes the boundaries of the evolution of mobility, lifestyles, and the relationship with nature and local resources, with the aim of exploring committed urban and architectural responses.

At the same time as immersion in a perspective of the future, the workshop offers a critical review of the history of the development of the Ile-de-France region up to the current period of the 'Grand Paris'. Because urban thinking cannot happen without the dual anchoring of prospective and historical.

The workshop is coordinated with the Geography tutorial in order to deepen the reading, understanding and representation of the territory (topography, geology, hydrography, landscape).

The workshop is also coordinated with the TD SHS with the aim of developing a sensitive view and an understanding of space through its uses.

Content: Living and producing in the "horizontal metropolis" is a theme that allows us to approach the transformation of the metropolitan territories of Greater Paris "from the margins", the peri-urban spaces and the rural suburbs.

The perimeter of reflection is that of the urban fringes, to the north-west of the agglomeration of Cergy-Pontoise, a former new town.

Fringes juxtaposing, often in a sterile way, the residential areas and the areas serving the new town: economic activity zones, commercial areas, large facilities, etc.

The scope of the project focuses on the last building plots (registered in the urban development zone in the PLU) and located in the heart of the former village of Puiseux, now unmarked in the rear of the new town. It was an opportunity to talk about the ZAN, zero net artificialization and the coming period of degrowth of urban extension required by the Climate and Resilience law.

It will be a question of thinking about the development of Puiseux as well as the future of the urban fringes of Cergy-Pontoise. Back and forth between metropolitan vision, territorial vision (Cergy-Pontoise and its geographical determinants) and communal vision (Puiseux).

The urban strategy (in teams of 4) will explore the possibility of a 'turnaround' of Cergy-Pontoise towards its hinterland, the French Vexin, to create a more resilient city (anchored in its rural and nourishing territory) and allow the deployment of more sustainable lifestyles that are less dependent on Paris.

We will rely on the breakthrough scenario of the BIOREGION 2050 (Momentum Institute 2019) to inscribe urban and architectural intentions in eco-responsible societal choices.

The urban project (in pairs) and the architectural project (solo) will be articulated and guided by the pre-established urban strategy.

The architectural programme will be mixed-use and will include housing, workspaces (crafts, VSEs/SMEs) and shared spaces.

Finally, the experience of the project, which is multi-scalar and located on the urban fringes of metropolitan areas, between dense cities and rural areas, will be an opportunity to question the centre/periphery model, zoning, the relationship between city and nature and the link between mobility and the employment area, in particular.

The proposed objectives are to explore the conditions for better habitability within metropolises and with the least impact on our environment.

EVENT 2023: AN EXHIBITION on the theme of 'Urban project management' and the specific role of the architect in urban design, will take place in June at ENSAPLV. The exhibition will also feature the association of 'Ateliers Internationales de Maîtrise d'Œuvre urbaine' which is celebrating its 40th anniversary. <https://www.ateliers.org/fr/>

The aim is to create an active relationship between the students and the exhibition project and the life of the 'International Urban Project Management Workshops'. Presentation of the association, meeting with one or more founders, architects and

urban planners, who participated in the design of the new town of Cergy-Pontoise. Specific exercises, integrated into the pedagogical objectives of the semester, will be exhibited within the exhibition.

**Work
required:
Course
Materials:**

Subject:
L621 PROJECT

Teachers:
NJOO James
Romain SCHOLAR



ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

PROJECT

L621PA05 Urban project

Objectives: Human mobility is a state of affairs that changes our relationship with the city and architecture. We will question this phenomenon by focusing on the various transit spaces that make up today's city and that increasingly punctuate our daily lives. Roads, motorways, train stations, airport terminals, hotels, car parks, shopping centres, logistics areas... so many stopovers that transform the urban territory and the rhythms of those who live and travel there.

How can we treat these places if not these "non-places" lived in ephemeral and anonymity? How can we consider them as anything other than simple places of "passage" in the city?

Content: This year, our investigations will focus on the future of the peri-urban territory along the northern section of the Paris ring road. More specifically, we will examine the site of the former Gare des Mines, between the Porte de la Chapelle and the Porte d'Aubervilliers, as a possible extension of the development of the Condorcet Campus. Faced with the multiple challenges and crises that have mobilized schools and universities very recently in France and the rise of new pedagogical devices that blur institutional, disciplinary and societal boundaries (distance learning, hybrid curricula, popular education, "FTLV", "learning centres"...), we propose to explore the potential of the urban and architectural project to play a critical and innovative role in this prospective construction of knowledge and society.

After an initial prospective work of thematic analysis and references, the students will be divided into teams to develop an urban regeneration strategy that will have to articulate multiple issues and scales: territorial, local and architectural. A study trip to Belgium is also planned after the first work sequence. The methodology of the course will explore the intersection of empirical and theoretical, in situ and ex situ approaches, in order to develop critical tools to address current metropolitan phenomena.

Language of communication: French

Other languages spoken: English

Scales: architectural, urban, territorial

**Work
required:**

The project will be structured in three sequences: (1) a first phase of analysis and collective problematization articulated around the exploration of various development scenarios and case studies (2) a second sequence in which new working groups of 3-4 students will focus more specifically on the urban project of the Gare des Mines site and finally (3) a final phase in which this site will be the subject of more detailed architectural proposals, but always in dialogue with the elaboration of a global development scenario. The workshop will be punctuated by conferences, tutorials, juries and collective debates, in particular with the participation of invited experts and local actors.

**Course
Materials:**

Subject:
L621 PROJECT

Teachers:
LEITNER Patrick
DENERIER Christoph

ENGLISH FRIENDLY
communication language

GERMAN FRIENDLY
Communication language

ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

PROJECT

L621PA06 Urban project

- Objectives:** The objective of this course is to help the student to:
- Practice urban analysis – including terms and notions of the city and territory – in order to identify and understand the strengths and structuring elements of contemporary urban contexts, with particular attention to their history
 - Educating the gaze to be able to take a stand in the face of the social, built, vegetal, topographical, infrastructural "already there", etc.
 - Be aware of the role of sensory experiences and sensations provided by urban spaces, including the materiality of public spaces and buildings
 - Understand the interactions between different architectural types and public space
 - Raise awareness of the different urban morphologies (layouts, network, programs, access, relationship between buildings and public space) and their consequences on the uses and practices of residents
 - Acquire a critical culture of the city and the urban project, including its historical and theoretical developments, its current often standardized production, and new forms of urban project (participatory, "mixed", car-free, "for women", "productive", "living", "green")
 - To develop, within the framework of Paris or its region, a critical awareness of the notions related to the urban project: quality of life & urbanity, density & intensity, ecology & sharing, identity & uses, programs & spaces, mobility & permanence, etc.
 - Intervene in – and design – a small neighbourhood that responds to different issues, in particular that of reducing consumption and saving resources, variety of lifestyles and contribution to the culture and identity of places more generally
 - To propose urban spaces that do justice to the inhabitants and their (mainly) daily lives through their potential for appropriation, sharing, use, transformation and evolution, and, in addition, through their programming that allows them to answer the question of what this part of the city contributes to the city and the territory

Content: Our field of study is located in the Greater Paris area. It can change from year to year.

We are openly and non-dogmatically interested in the multiple identities and forms of interaction that are present there.

More specifically, regarding the reflection to be carried out by the students, we propose to look at sites, located in Paris or in the inner suburbs of Paris, whose problem is that of the transformation of land and former industrial or infrastructural areas towards inhabited, mixed, lively, local neighborhoods, hosting jobs and offering different ways of living, among many other considerations.

The objective here is to propose avenues for reflection, strategies and processes, urban, architectural and landscape spatial organizations that go beyond a banal division of what is too often reduced to a simple "land reserve" with a view to its commercialization.

The site chosen for this year is the large plot of land that runs northwest along the tracks of the Gare de Lyon in Paris, including the various existing buildings formerly associated with the station's activities.

Here are some of the questions that can be associated with this site:

- How can we avoid ending up with a 'city like any other', i.e. the spirit of a generic ZAC on the basis of real estate pressure and 'tabula rasa'?
- How to articulate the proposed urban project with the history and scale of the existing site and the neighbouring districts, and then with that of the metropolis, i.e.: how to be part of both the local and metropolitan metabolism?
- Should the identity of the place be new and "autonomous" or, on the contrary, referenced and inspired by what can be detected on the spot (not to say "contextual")?
- Is it relevant to conceive of a piece of an "adaptable city", a "nature city", a "productive" city – both in terms of products and social ties – a "living city" or another city?
- How, in order to achieve this, can we distinguish between what must be permanent and what must remain potentially evolving?
- What can be the balance between built spaces and open spaces, between mineral space and plant space, between mobility space and living space, and between private space and public space?

In addition to the pedagogical face-to-face in the strict sense, we offer: neighborhood visits, weekly presentations on cities (including some world metropolises), themes and specific notions related to urban forms, their formations, logics and identities, the presentation and circulation of books, some of which, especially foreign, are not easily accessible at ENSAPLV.

The Geography teacher will be closely involved in the work of the project. It will also shed theoretical light on the notion of landscape in an urban context.

Work required: At the very beginning of the semester, the work required is individual. These are a number of analytical exercises, sometimes in the neighborhood inhabited by the

student, in order to practice learning to see, understand, and then graphically represent and describe verbatim.

Around week 3, the work of urban, architectural and landscape design begins more concretely on the transformation of former industrial land into inhabited, mixed, lively, local districts.

This work is done in teams of about 4 students and is organized in three sequences that may overlap:

1- On the basis of official documents on the one hand and observations made in situ on the other hand, the aim is to produce a multi-scalar and (carto)graphic analysis (4 weeks approx.):

- : geography and topography, blue and green grid, the living
- : types of infrastructure, their space, design and insertion, their operating logic and their link (or not) with the everyday city
- : types of public spaces, rights-of-way, lane profiles
- : division: public space/private space, block, plot, dimensions, proportions
- : relationship between the built and the unbuilt, insertions, footprints
- : volumetric, architectural and typological characteristics of the buildings
- : densities, scales, dimensions, proportions
- : programs, uses, appropriations
- : perceptions, sensations, materials, sounds, ...

2- For each team of students, development of intervention strategies for the mutation of the site (4 weeks approx.):

- : position taken in relation to the situation of "already-built" and the question of its maintenance
- : development of a vision of urban life, both in its daily life and in its exceptionality
- : construction of a discourse on pressing subjects, such as consumption and its reduction, the relationship with the living, the common good, life in society
- : clarification of intentions on displacements, the fabric of public spaces, the articulations of public and private spaces, temporalities, uses, relations between constructions, between habitat (way of occupying space by man for housing purposes) and inhabiting (practice of geographical places by individuals), etc.

3- Formatting and staging of an urban proposal itself (approx. 8 weeks)

- : proposal of an urban or neighbourhood project, based on territorial, urban, social, ecological, programmatic and architectural intentions that are clearly explained, argued and relevant.
- : first proposals for schematics and drawings in the form of variants
- : more detailed development of the variant chosen by a back-and-forth between global documents and specific situations
- : beyond conventional tools, choice of the most relevant means of representation according to the approach and narrative of the project

To render its project, the team produces at least one model, graphic documents (plan, sections, axonometric views and diagrams, perspective views, etc.) and a text presenting the intentions and proposals.

In addition to teamwork, towards the end of the semester, individual work to explain a certain location within the team's proposal will be provided.

Course

Materials:

Subject:
L621 PROJECT

Teachers:
PERNIN Juliette
CARLINI Sara
D'ORAZIO Anne
BRENON Lucie

ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

ENGLISH FRIENDLY
communication language

ITALIAN FRIENDLY
communication language

PROJECT

L621PA07 Urban project

Objectives: ' Slice of the city, slices of lives ' - Introductory workshop on the urban project coordinated by Anne D'Orazio and Sara Carlini.

This course proposes to develop a reflection that seeks to grasp the scale of a territory: it is a question of recognizing the conditions of its constitution and identifying the strategic and dynamic issues of its evolution in which the intervention of the urban project makes it possible to reveal its dimensions, tensions and limits.

It also aims to reflect on the articulation of the scales of intervention in the city, in a journey from the territorial scale to that of the building.

Content: Taking the context of Parisian metropolisation as a context, the aim is to identify the conditions of its constitution, its relationship to the historical urban fabrics and the transformations engendered by the strong urban changes of the twentieth and twenty-first centuries.

This reading and analysis work will be carried out from the commune of Montreuil-sous-Bois (93). The choice of this site is largely due to the multiplicity of facets offered by this suburban municipality, shaped by the successive phases of contemporary urban planning and often described as a 'working-class city'.

Despite a seemingly disjointed and sometimes chaotic territory, the student's aim is to understand the conditions under which the urban fabric is made, its continuities, its limits, its ruptures, but also its potential for evolution, attractiveness and solidarity in a recomposition on the scale of Greater Paris.

This work is part of the follow-up to the consultation launched by the Department of Seine-Saint-Denis, entitled [Horizon 2030!].

It aims, based on a scenario-based approach, to project the future of the territory and to consider how to 'repair the city' while facing climate risks, taking into account social, residential, spatial vulnerabilities and relying on opportunities in terms of population, culture, ecology, space, landscape, etc.

The proposed approach is divided into 3 steps:

- 1 / Analyze to understand:

A careful survey, a reading of the municipal territory and the urban sectors that compose it will allow students to propose an analysis of the territory based on the concept and tools of the 'urban transect' (Tixier, 2016).

The survey work will continue with a more in-depth study where the issues of built and urban typo-morphology, strategic development and uses will be studied in detail.

The objective of this analytical and reflective approach is to put the student in a position to make the link between what he observes on site and the objective knowledge he acquires of the territory, to allow him to put into words what he has identified and to reconstruct it in a collective framework.

- 2 / Bring out the potential of the stakes:

Based on the elements of analysis, the aim is to identify the areas of stake in the municipality, to describe their components, potentialities and strategies, and to propose scenarios for their evolution.

- 3 / Intervening in a dynamic, the project as a device

The student will propose a site or a theme of intervention that he or she will develop as part of a project where he or she will articulate the scale of the building with regard to the issues of the territory.

**Work
required:**

Within the project workshop, the first two phases of work will be done in groups of 5 to 6 students. The last phase is individual or pair work. This work on the building or public space will make it possible to confront proposals through models, drawings, etc.

Each phase will be the subject of a joint restitution.

An exhibition of the work and an exchange with local actors will be planned at the end of the semester if health conditions allow it.

At the same time, a series of theoretical courses will feed into the process of initiation to the urban project. The aim of this course is to equip the student's thinking and to give him or her an understanding of how the production of the urban is organised.

Topics covered:

- the actors of the project (skills and diversities)
- City Policy and City Policy (Historical Perspective)
- The Urban Project: a framework for reflection before being a tool
- The notion of participation: imperative or proposal
- Regulatory tools, or the city as a framework and procedure
- The city in the face of health crises: theoretical evolution of the environmental approach to urban planning.
- etc...

Finally, the geographical approach and the tools for representing the large territory will be addressed in the framework of a shared 'Urban Project-Geography' course, in the form of tutorials integrated into the project teaching.

Course Language: French

Course

Materials:

Subject:
L621 PROJECT

Teachers:
PORTNOI Anne
NOUSIAINEN Kristo

ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

ENGLISH FRIENDLY
communication language

GERMAN FRIENDLY
Communication language

FINNISH FRIENDLY
communication language

PROJECT

L621PA08 Urban project

Objectives: The territory of ENSAPLV - City to be defined
Teachers: Anne Portnoi, Kristo Nousiainen

The pedagogical expectations of the S06 are common to all the project groups, which aim to transmit the basics of a knowledge of the urban form and the contemporary processes of making the city. The objective of the workshop that closes the degree is to provide the fundamental know-how of urban analysis and urban design, in particular the drawing of the articulation of public and private space. The drawing of the interactions between the building, the plot and the public space makes it possible to understand the building in relation to the constitution of the city. The aim is to study forms and processes (land recomposition, densification, rehabilitation, substitution) by testing and verifying the architecture of the spaces planned in different territorial situations. You will thus be led to design an urban fragment with regard to the geography of a territory, infrastructures, natural spaces and landscapes, history and morphological characteristics of an urban area.

Our workshop takes as its object the enlarged territory of the school. This year, as last year for the Bobigny area, we will be working on a territory that is both rich and changing.

In particular, the work should interrogate:

- new forms of housing in connection with the challenges of diversifying the urban fabric.
- the quality of the public space (dimension of representation, living space, comfort of movement and connection). Articulate and rethink the urban continuities of a fragmented territory (enclaves, urban infrastructures).
- the new forms and programming of centrality, linked, in particular, to the station hubs of Greater Paris
- the tools of urban and architectural regulations.

Content: Course of the exercise

20 students 4 groups of 5 students

The work of the workshop is carried out in three stages:

Step 1: 5 sessions - Group work

First of all, in groups of 5 students, the aim is to focus on understanding the wider project sites with regard to the territory of the municipality as a whole. This step includes:

- Surveying and territorial, landscape and architectural analysis
- Understanding of regulatory tools and ongoing projects
- Definition of the challenges and a transformation strategy
- Definition of intervention sites
- Analysis of architectural references

Step 2: 7 sessions - Work in groups and pairs

Finally, the development of a residential fragment or a public space in one of the identified situations will be the subject of in-depth work. In pairs, you will develop an architectural and urban project at several scales including the urban integration of the project into the broader context, the definition of public spaces, the architectural definition of the project (functioning, volumetry, spatialities, etc.). This step includes:

- Formalization and illustration of the main principles of the transformation project
- Feasibility test on the scale of the architecture, manipulation on the forms of the subdivision and on the public spaces
- Proposed changes to urban by-laws

Step 3: 2 sessions - Work in groups and pairs

- Finalization of the project and the formalization of the elements necessary for its understanding

**Work
required:
Course
Materials:**

Subject:
L621 PROJECT

Teachers:
GOURVIL Yannick
BODART Celine



ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

PROJECT

L621PA09 Urban project

Objectives: The urban project can be understood as a mode of reflection and design capable of intersecting different scales of transformation. It aims to make people think about the challenges of the urban fabric at the scale of the architectural project, and vice versa: from the construction of buildings to the city. In the context of this workshop, the aim is to introduce students to such intertwining and co-dependencies of the spatial and temporal scales of the urban project by posing climate issues as supports for alternative methods and vectors of a new imaginary of urban transformations, current and future.

The climate crisis, because it covers environmental and societal, political and ecological issues, calls for new ways of seeing and conceiving, imagining and architecting the possible future of cities and territories.

The objective of this workshop is on the one hand to lead students to explore the multiplicity of ways of reading, perceiving and representing existing urban configurations, and on the other hand, it is to encourage them to engage in a prospective transformation project anchored in the critical analysis of the specificities of the existing.

Content: ILE DE FRANCE + 2 °C
Becoming with the PARC DES HAUTEURS in a situation of global warming.

This project group questions urban territories through the ADAPTATION OF THE CITY AND ARCHITECTURE TO GLOBAL WARMING announced. The objective of the Paris Agreement – aimed in particular at limiting global warming to 2°C by 2100 (COP21) – is used here as a pretext for experimentation. Moreover, adaptation to global warming is considered as a prerequisite for an introduction to the urban project, for the apprehension of its spatial and temporal scale articulations, its modes of analysis and its (re-)programming choices. The challenge is to be able to confront the project,

very early on, with prospective scenario work that reflects on the evolution of lifestyles and the consequences of climate change.

Aiming for an acclimatized rather than air-conditioned city, the environmental challenges are twofold: to minimize the impact of human activity on the environment, in particular to reduce greenhouse gas emissions, and to adapt territories to a different climatic context. In order to address such issues, which are as broad as they are complex, the project work will be framed:

1) on a specific territory, namely that of the PARC DES HAUTEURS project. It is a landscape loop linking a diversity of open spaces spread over ten municipalities in the Paris metropolitan area (seven of which are on the territory of Est Ensemble), in order to strengthen their potential ecological continuities and initiate new social cohesions. Currently, the layout of the future Parc des Hauteurs is made up of a diversity of urban fragments, some of which are already structured and developed, while others need to be rethought and redesigned. In this sense, the workshop's work will focus on ways of anchoring the ecological and social ambitions of a territorial project on an architectural and urban scale

2) a problem focused on the material-concrete effects of global warming. Because the Parc des Hauteurs has set itself the ambition of being a "LABORATORY OF ECOLOGICAL TRANSITION" (P. Lecroart), the challenge is to integrate into its architectural and urban design issues related to the preservation of biodiversity, water management, soil deartificialization, the absorption of urban heat islands, etc.

Through this double framing, it is a question of learning to distinguish the anecdotal part from the essential part of the environmental project, by putting the idea-concepts to the test of a specific urban spatiality.

A critical approach to the production conditions of the so-called "green" city, and simulation methods will be taught through thematic courses and student presentations. This learning will be complemented by the shared tutorial in Geography and Ecology on the understanding of the existing situation, mobility issues and the climate context as a strategic step in the design of the project.

Work required:

The 16 weeks of the workshop will be structured over three complementary project phases that alternate collective (3 to 4 students) and individual work, including for the final jury:

1) TERRITORIAL ANALYSES AND URBAN SURVEYS: work on the possible transformations of the urban and its ways of living is anchored in a detailed and precise knowledge of the project site (surveying, urban analysis, sensitive and immersive approach, interviews, critical survey of urban forms and dynamics), but also begins through research and experimentation with various forms of urban development.means to report on it and ask the first questions of the project through an oriented urban diagnosis (collective work)

2) CHALLENGES AND PROSPECTIVE SCENARIOS: after this first phase of analyses, it will be a question of continuing the first prospective scenarios developed at the territorial scale of the ring road by proposing urban strategies built on specific intervention sites (in small groups)

3) HYPOTHESIS FICTION AND URBAN PROJECTS: the aim is to develop urban projects up to the drawing of an architectural sketch, in pairs and/or alone. The programmes are varied and to be defined by a programming work articulating densities and mixed, being able to offer housing, equipment and the transformation of public space.

Throughout the semester, the exploration of these different times and scales of reflection of the urban project will be accompanied by an individual WRITING WORK, punctuated by the production of three distinct but correlated forms of writing: the description of the existing, the prospective fiction and the narrative of transformation.

Types of renderings: drawings of territories, urban and architectural, models, sketches, writing/fiction and introduction to experimental formats (videos, sounds, role-playing, drawing in session, etc.)

Course First documents on the Parc des Hauteurs:
Materials: <https://drive.google.com/drive/folders/16pWPTkFXawk9Im7mfuTfEQ7dRHxAbdH-?usp=sharing>

We remain available to answer your questions by email:
yannick.gourvil@paris-lavillette.archi.fr
celine.b

Subject:
L621 PROJECT

Teachers:
SAUBOT Antoine
DURAND Anne



ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

PROJECT

L621PA10 Urban project

Objectives: The aim of this course is to introduce students to the making of the city, the existing one, the one to be built. The aim is to help students learn to read the fundamentals of urban culture: the fabric of the traditional city to understand that of the current city.

The Workshop will take place in 3 parts which also illustrate 3 objectives:

1 – Analyze a territory

The workshop will allow students to learn how to carry out an analysis of the city and its surroundings through various themes (morphogenesis, built typologies, activities, road network, structuring elements, etc.). Students will learn to understand a wide range of reflections (1.25000), to cross scales, to read the interactions between what is happening in the distance and nearby. The shared tutorial in geography will allow you to share interventions with a geographer during the diagnosis and to address topographical, hydrological issues, landscape structures, etc.

2- Bring out potential

Based on the elements of analysis, it is a question of identifying the areas of stake of the municipality, describing its potential, and defining strategies. The student will analyze examples of similar urban issues.

3- Carry out an urban project

The cycle will end with an urban and human project, favouring the spatial approach. The student will propose a local intervention perimeter (1.2000), in which he will draw a project relating the building to the challenges of the territory. It will be a question of mastering the status of the spaces (private, public), their hierarchy, the built typologies, the densities, etc. The program of the urban project will not be predefined because the urban project responds to a situation, particular urban problems that the students will define after the analysis.

Content: The project will be located in Souppes-sur-Loing, in a small town on the extreme edge of the Ile de France, about 70 km from Paris, a city that presents an extremely interesting terrain for young students because it poses current problems of lifestyles around water and quality of life.

Souppes is located along the Loing, a river that traumatized the population in 2016 with its floods. The project will question the question of nature in the city, how to live with water but also how to revitalize a city center that is emptying, to make do with the existing, to enhance a natural heritage.

The city is experiencing the same fate as many other small towns and has lost many residents in recent decades.

Souppes-sur-Loing is now part of the Small Towns of Tomorrow programme, supported by the government.

The challenge of the S6 workshop is to develop a "pilot" project to revive a small town in Ile de France that is dying and welcomes a precarious population. How can you transform an old building so that it meets today's expectations and lifestyles? What is the relationship between nature and the town centre? What is the alternative to large-scale distribution and housing development? It will be a question of developing common sense on a terrain rich in assets and obstacles.

**Work
required:**

PHASE 1 - URBAN DIAGNOSIS BY THEME - 4 weeks

Meeting with stakeholders (elected officials, technicians, CAUE, residents, etc.). On-site workshop (2x3d)

Survey of the city and territory.

Urban, landscape and social analysis of the city

Rendering: thematic and problematized collective diagnosis - A4 file of about 100 pages. Miscellaneous cartography (sensitive, plans, sections, models, etc.) 1.25 000-1.5000.

PHASE 2 - URBAN INTENTIONS + ANALYSIS OF SIMILAR PROJECTS - 3 weeks

Urban potentials and intentions defined according to the analyses + extension to similar examples. 1.5000 –1.1000

PHASE 3 – RESTRICTED URBAN DIAGNOSIS - 3 weeks

Choice of a site – Survey of the existing situation and architectural diagnosis.

Proposal for programming on the chosen site. 1.1000-1.500

PHASE 4 - URBAN AND ARCHITECTURAL PROJECT - 6 weeks - 1.200e

Urban planning, architectural feasibility (ground floor plan, distributions), building surroundings, typological principle.

projects in pairs, corresponding to the resolution of a situation assessed during the diagnosis. No pre-designed program. About 10 architectural and territorial projects.

Students will regularly visit the site with a room available to work. Night on site from April 6 to 7 with lodging financed by the city in order to immerse yourself and check your project hypotheses. Meetings will be organised with elected officials, residents, institutions, etc.

Accommodation support. Accessible with the Navigo Card.

Exhibition at the town hall of Souppes and presentation to local elected officials, exhibition at the ENSAPLV gallery.

The organisation of a conference-debate on the themes discussed is also planned for the end of the year.

Course Theoretical contributions, visits, external intervention, will enrich the project in an
Materials: operational and practical way because this teaching aims to feed the student's
 reflection and to give him or her an understanding of how to use it.

Subject:
L621 PROJECT

Teachers:
HORN Christian
CHAVANES Philippe

ENGLISH FRIENDLY
communication language

GERMAN FRIENDLY
Communication language

ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

PROJECT

L621PA11 Urban project

Objectives: After having experimented with the building project and its relationship to an urban context in the previous semesters, the objective of this project closing the bachelor's cycle is to provide the fundamental know-how of the urban project - understood as a spatial project questioning the architecture of the city and its design - which organizes the work according to a double articulation:

- The public space project
- The urban fabric project

It has two inseparable faces:

– General plans that deal with the design of the forms and hierarchies of the urban structure - infrastructure, roads, public space and land division, monuments, landscape structure - their evolution and their articulation at different scales (territory, city, district).

– The definition of the elements of the urban fabric and their interactions, built typologies, parcel divisions, public spaces. These elements form systems and do not belong to the context alone, on the contrary they place typology at the heart of the urban project. The urban fabric - its divisions, its form and its typologies - allows us to understand the constitution of the city, spaces and times, and to introduce us to a renewed way of thinking about the building and its architecture. Through the notion of urban fabric, it is therefore a question of reasoning objectively about the links between building and city, between architectural and urban projects.

It therefore proceeds from a two-pronged approach:

- A territorialized and contextualized approach to the Plan and the "urban composition",
- a systematic and generic approach to the urban fabric.

In this dialectic between types and context, between planes and systems, different spatial and representational scales are to be apprehended, from the building to the territory.

The proposed work intertwines both project and analysis, scale of project and representation diversified (from 1/25000th to 1/200th).

LANGUAGE OF INSTRUCTION: French

LANGUAGE(S) OF COMMUNICATION: French, English, German

Content: The Metropolis, between a dense city and a "natural city", the cornice of the forts in Romainville

For several years now, this introductory course on the "urban project" has been proposing to question some of the characteristic situations of the contemporary "city-territory" and focuses on a territory of the first or second ring whose development issues are in touch with the metropolitan dynamics of Greater Paris. After having worked in previous years on territories to be "reurbanized" in relation to a metropolitan "main road" or a vast natural and landscaped area, this year we propose to bring together these two themes.

The proposed site located in Romainville extends over an area ranging from the "Corniche des Forts" and its vast landscaped area in the south, to the Canal de l'Ourcq and its changing industrial fabric in the north. In the context of a development accentuated by heavy public transport projects (metro and tramway), it combines the presence of major territorial infrastructures with that of a vast landscape system. Here we will seek to articulate the contradictory demands of a new urban ecology seeking to combine the need for a dense city and the aspiration to a "natural city".

With this in mind, we propose to combine three approaches:

1 The building as a component of an urban fabric

The building is not understood as an object, but on the contrary, as the element of a division, of a partition of space. The aim is to study the forms (building-plot, road-public space), and processes (land recomposition, densification, rehabilitation, substitution) by testing and concretely verifying the architecture of the different spaces involved.

2 the urbanization of the infrastructures of the "City and Territory"

We hypothesize that today's territorialized city must find the form of its unity. This depends in particular on its public spaces, roads, infrastructure and landscape. It is the structuring paths of urbanization and its landscape, of the relationship of the city to its geography, that are to be created, questioned, transformed.

3 Residential forms of the city territory

We propose to draw lessons from the "territorialization of cities" at the level of residential forms based on a twofold critique:

- Critique of "pure residential" and peri-urban sprawl, by presenting alternatives to the suburban morphologies of the outer periphery
- Criticism of the "radiant city" and of the spaces without status or use of "large housing estates", of its inability to evolve and renew.

We will look for a typological expression appropriate to the new relationship that is emerging in the "city-territory" between residence, public spaces, natural spaces, and landscapes.

**Work
required:**

The work is punctuated in 3 sequences alternating analysis and project work, and successively apprehending spatial scales and varied presentations ranging from 1/25000 to 1/50:

- Sequence 1 territorial analysis: observation, description and graphic representation of morphological entities relevant to the scale of the territory (within the framework of the shared project-geography tutorial)
- Sequence 2 - "the large plot": theoretical exercise in the investigation of residential typologies characteristic of this relationship between residential space and "natural" space in a situation on the edge.
- Sequence 3 - Urban project: A contextual project that intersects and synthesizes the scales of the city, the neighborhood and the urban fabric and aims at the renewal and urban development of an urban residential area. The students, divided into several groups exploring a part of the study area, will develop and contextualize the theoretical experiments carried out in sequence 2.

Complementary and transversal to these 3 main sequences, an analysis of the urban fabric will be carried out based on the observation and representation of the "field" producing the 1:2000 scale plans that describe the main components of the urban fabric and its cartography (public space, roads, plots, type of buildings).

The work will be articulated in precisely identified sequences that will define project sites to be developed by small groups of students.

We insist on the scale of the urban fabric itself, in order to achieve an in-depth experimentation of the architecture of the building in relation to urban issues. Indeed, we believe that it is from urban issues that we can expect a renewal of architectural issues. It is necessary for each person to experience for himself the interactions of scales that support this conviction.

The teaching articulates knowledge and theoretical questions, the development of tools of representation, and project experimentation.

This work must be supported by knowledge of a body of work and an understanding of the underlying doctrines. Theoretical lectures, analytical work, presentations, tutorials, commented and debated readings, visits, nourish the collective reflections and the work of the students.

A course taking place over 4 sessions introduces the main concepts relating to 'the systems of the urban fabric'

The pedagogical day is thus punctuated in 3 main parts: 1/ Theoretical time (introduction of the session, lectures, presentations, reading or visit reports), 2/ "major correction" (in-depth collective correction of 3 project works to highlight the main themes of the day) 3/ Individual corrections

The corrections of projects are collective, they constitute a teaching, it is addressed to all, the presence of students is mandatory throughout the day.

Sustained attention will be paid to the mastery of architectural representation and the quality of hand drawing. combined with different representation techniques (diagrams, models, photography, etc.)

Course

Materials:

Subject:
L621 PROJECT

Teachers:
LESAGE Laetitia
AFANASSIEFF Damien



ECTS Credits: 11
Number of weeks: 16
No. of hours / semester: 112
Personal work: 121

PROJECT

L621PA12 Urban project

Objectives: After having experimented with the building project and its relationship to an urban context in the previous semesters, the objective of this project at the end of the bachelor's degree cycle is to provide the fundamental know-how of the urban project understood as a spatial project questioning the architecture of the city and its design.

This apprenticeship proposes to organize the work according to a double articulation:

- The public space project
- The urban fabric project

It has two inseparable faces:

- General plans that deal with the design of the forms and hierarchies of the urban structure - infrastructure, roads, public space and land division, monuments, landscape structure - their evolution and their articulation at the different scales (territory, city, district).

- The definition of the elements of the urban fabric and their interactions, built typologies, parcel divisions, public spaces. These elements form systems and do not belong to the context alone, on the contrary they place typology at the heart of the urban project. The urban fabric - its divisions, its form and its typologies - allows us to understand the constitution of the city, spaces and times, and to introduce us to a renewed way of thinking about the building and its architecture. Through the notion of urban fabric, it is therefore a question of reasoning objectively about the links between building and city, between architectural and urban projects.

It therefore proceeds from a two-pronged approach:

- A territorialized and contextualized approach to the Plan and the "urban composition",
- a systematic and generic approach to the urban fabric.

In this dialectic between types and context, between planes and systems, different spatial and representational scales are to be apprehended, from the building to the territory.

The proposed work intertwines both project and analysis, scale of project and representation diversified (from 1/25000th to 1/200th).

Content: We propose to combine three approaches:

1-The building as a component of an urban fabric

The building is not understood as an object, but on the contrary, as the element of a division, of a partition of space. The aim is to study the forms (building-plot, road-public space), and processes (land recomposition, densification, rehabilitation, substitution) by testing and concretely verifying the architecture of the different spaces involved.

2 the urbanization of the infrastructures of the "City and Territory"

We hypothesize that today's territorialized city must find the form of its unity. This depends in particular on its public spaces, its roads, its infrastructure and its landscape. These are structuring paths of urbanization and its landscape, of the relationship of the city to its geography, that are to be created, questioned, transformed.

3 Residential forms of the city territory

We propose to draw lessons from the "territorialization of cities" at the level of residential forms based on a twofold critique:

- Critique of " pure residential" and peri-urban sprawl, by presenting alternatives to the suburban morphologies of the outer periphery
- Criticism of the "radiant city" and of the spaces without status or use of "large housing estates", of its inability to evolve and renew.

We are looking for a typological expression appropriate to the new relationship that is emerging in the "city-territory" between residence, public spaces, natural spaces, landscapes.

Work required: The work is punctuated in 3 sequences alternating analysis and project work, and successively apprehending spatial scales and varied presentations ranging from 1/25000 to 1/50:

- Sequence 1 territorial analysis: observation, description and graphic representation of morphological entities relevant to the scale of the territory
- Sequence 2 - "the large plot": theoretical exercise in the investigation of residential typologies characteristic of this relationship between residential space and "natural" space in a situation on the edge.
- Sequence 3 - Urban project: A contextual project that intersects and synthesizes the scales of the city, the neighborhood and the urban fabric and aims at the renewal and urban development of an urban residential area. The students,

divided into several groups exploring a part of the study area, will develop and contextualize the theoretical experiments carried out in sequence 2.

Complementary and transversal to these 3 main sequences, an analysis of the urban fabric will be carried out based on the observation and representation of the "field" producing the 1:2000 scale plans that describe the main components of the urban fabric and its cartography (public space, roads, plots, type of buildings).

The work focuses on a territory in the first or second suburbs whose development issues are in touch with the metropolitan dynamics of Greater Paris. After having worked in previous years on territories to be "reurbanized" in relation to a metropolitan "main road" or a vast natural and landscaped area, this year we propose to bring together these two themes. The proposed site is located in Romainville and extends over an area ranging from the "Corniche des Forts" and its vast landscaped area in the south, to the Canal de l'Ourcq and its changing industrial fabric in the north.

The work will be articulated in precisely identified sequences that will define project sites to be developed by small groups of students.

We insist on the scale of the urban fabric itself, in order to achieve an in-depth experimentation of the architecture of the building in relation to urban issues. We believe, in fact, that it is from urban issues that we can expect a renewal of architectural issues, it is necessary for each person to experience for himself the interactions of scales that support this conviction. The teaching articulates knowledge and theoretical questions, the development of tools of representation, and project experimentation.

This work must be supported by knowledge of a body of work and an understanding of the underlying doctrines. Theoretical lectures, analytical work, presentations, tutorials, commented and debated readings, visits, nourish the collective reflections and the work of the students

The pedagogical day is thus punctuated in 3 main parts: 1/ Theoretical time (introduction of the session, lectures, presentations, reading or visit reports), 2/ "major correction" (in-depth collective correction of 3 project works to highlight the main themes of the day) 3/ Individual corrections

The corrections of projects are collective, they constitute a teaching, it is addressed to all, the presence of students is mandatory throughout the day.

Sustained attention will be paid to the mastery of architectural representation and the quality of hand drawing.

**Course
Materials:**

Teaching unit:

L621 TH - ARCHITECTURAL THEORY

Teachers:

PORTNOI Anne

CHAVANES Philippe

ECTS Credits: 1

Number of weeks: 14

No. of hours / semester : 21

Own work: 22

THEORIES OF ARCHITECTURE – URBAN FORMS

L621THCM01 Theory of Architecture and the City-Urban Forms

Objective:

Content:

Work required:

Course Materials:

Teaching unit:
L621 VT - Geography

Teachers:
SZANTO Catherine

ECTS Credits: 1
Number of weeks: 14
No. of hours / semester : 21
Personal work:

CITY AND TERRITORY

L621VTCM01 Geography

Objectives: To provide the means for an analysis of the spatial organization of a territory, urban hierarchies and the dynamics of transformations, in particular via the process of metropolisation, as well as knowledge of the meshes of planning policies through a multiscale apprehension.

Content: The geography teaching of S6 is designed to enter into discussion with the urban project workshops. It is therefore organized around notions of urban geography and critical approaches to land use planning by varying the scales of analysis.

In 21 hours, the course proposes to address key notions of urban geography analysis and reading of land use planning such as metropolisation, the articulation of scales, and politico-administrative organization. These notions are subsequently criticized and put into perspective of ecological, landscape and social developments. Depending on the project sites chosen in the workshops, the examples and concepts developed are adjusted.

In parallel to this course, shared Urban Project/Geography tutorials are provided within the project teaching.

Work required: Course Comprehension and Further Reading

Course Materials: The course is taught in a lecture-based format. The materials will be adapted to the teaching conditions given the health situation.

Teaching unit:
L621 VT - Geography

Teachers:
SZANTO Catherine

ECTS Credits: 1
Number of weeks: 14
No. of hours / semester : 21
Personal work:

CITY AND TERRITORY

L621VTCM02 Geography

Objectives: To provide the means for an analysis of urban landscapes, urban hierarchies and the dynamics of territorial transformations, in particular via the process of metropolisation, as well as knowledge of the meshes of planning policies through a multiscale apprehension.

Content: The geography teaching of S6 is designed to enter into discussion with the urban project workshops. It is therefore organized around notions of urban geography and critical approaches to land use planning by varying the scales of analysis.

In 21 hours, the course proposes to address key notions of urban geography analysis and reading of land use planning such as metropolisation, the articulation of scales, and politico-administrative organization. These notions are subsequently criticized and put into perspective of ecological, landscape and social developments. Depending on the project sites chosen in the workshops, the examples and concepts developed are adjusted.

In parallel to this course, shared Urban Project/Geography tutorials are provided within the project teaching.

Work required: Course comprehension and further reading

Course Materials:

Teaching unit:
L622 Structure / Construction

Teachers:
ROUGELOT Benoît

ECTS Credits: 2
Number of weeks: 14
No. of hours / semester: 35
Own work: 22

STRUCTURE / CONSTRUCTION (+TD)
L622SCCM01 Structure/construction

Objectives:

Content:

Work required:
Course Materials:

Teaching unit:
L622 Structure / Construction

Teachers:
GAUBIN Franck

ECTS Credits: 2
Number of weeks: 14
No. of hours / semester: 35
Own work: 22

STRUCTURE / CONSTRUCTION (+TD)
L622SCCM02 Structure/construction

Objectives:

Content:

Work required:
Course Materials:

Teaching unit:

L622 Structure / Construction

Teachers:

SANDOROV Michel
HABES Mounira
RANCK Louise
COMITO Viviana

ECTS Credits: 2

Number of weeks: 14

No. of hours / semester: 35

Own work: 22

ENGLISH FRIENDLY
communication language

SPANISH FRIENDLY
communication language

ITALIAN FRIENDLY
communication language

STRUCTURE / CONSTRUCTION (+TD)

L622SCTD Structure/construction

Objectives:

Content:

Work required:

Course Materials:

Teaching unit:

L622 AC – Acoustic atmospheres

Teachers:

BOUQUEREL Vincent

ECTS Credits: 1

Number of weeks: 14

No. of hours / semester: 10.5

Personal work: 11

ACOUSTIC ATMOSPHERES

L622ACCM01 Acoustic atmospheres

Objectives:

Content:

Work required:

Course Materials:

Subject:

L622 TC – Building Technology: Technical Summaries

Teachers:

FEICHTINGER Dietmar

ECTS Credits: 1

Number of weeks: 14

No. of hours / semester : 28

Own work: 22

BUILDING TECHNOLOGY: TECHNICAL SYNTHESSES

L622TCCM01 Building Technology: Technical Summaries

Objectives:

Content:

Work required:

Course Materials:

Teaching unit:

L623 HA – History of Architecture

Teachers:

DESCAT Sophie

ECTS Credits: 1.5

Number of weeks: 14

No. of hours / semester : 28

Own work: 22

ARCHITECTURAL HISTORY

L623HACM01 History of Architecture

Objectives:

The aim of this course is to explore both thematically and chronologically the history of urban planning, a term that aims to be questioned and reconstructed in a broader lexicon (urban art, planning, development, town planning, urban design, Städtebau, etc.). Since its emergence at the turn of the twentieth century, urban planning has remained an unstable, ununified field. Faced with successive urban crises and in changing political contexts, architects have contributed to the definition of this field through their doctrinal and projectual contribution: one of the challenges of this course is to take a critical look at these responses in order to provide elements of analysis in the face of current situations.

Content:

Lectures.

Language of the course and communication: French.

After an introductory session, the course is structured around a series of two major themes (the big city/city and nature) which deal with several important questions and their evolution, making it possible to evoke the place of the architect within the various actors involved in the discipline of urban planning. With the help of a series of excerpts from the bibliography, the evolution of theoretical and critical discourse throughout the twentieth century is analysed in parallel with the study of projects from different geographical areas. Within these major themes, all the sessions follow a chronological order and are supported by a historiographical discourse.

Work required:

Required readings extracted from the bibliography and/or transmitted as the course progresses.

Exercise of analysis of street furniture in a given context (optional).

Course Materials:

Teaching unit:

L623 HA – History of Architecture

Teachers:

MAUMI Catherine

ECTS Credits: 1.5**Number of weeks:** 14**No. of hours / semester :** 28**Own work:** 22**ARCHITECTURAL HISTORY****L623HACM02 History of Architecture****Objectives:**

The aim of this course is to explore both thematically and chronologically the history of urban planning, a term that aims to be questioned and reconstructed in a broader lexicon (urban art, planning, development, town planning, urban design, Städtebau, etc.). Since its emergence at the turn of the twentieth century, urban planning has remained an unstable, ununified field. Faced with successive urban crises and in changing political contexts, architects have contributed to the definition of this field through their doctrinal and projectual contribution: one of the challenges of this course is to take a critical look at these responses in order to provide elements of analysis in the face of current situations.

Content:

Lectures.

Language of the course and communication: French.

After an introductory session, the course is structured around a series of major themes (the big city, the city and nature, etc.) which deal with several important questions and their evolution, making it possible to evoke the place of the architect within the various actors involved in the discipline of urban planning. With the help of a series of excerpts from the bibliography, the evolution of theoretical and critical discourse throughout the twentieth century is analysed in parallel with the study of projects from different geographical areas. Within these major themes, all the sessions follow a chronological order and are supported by a historiographical discourse.

Work required:**Course Materials:**

Teaching unit:
L623 PH - Philosophy

Teachers:
TUSCHER DOKIC Anne

ECTS Credits: 2
Number of weeks: 14
No. of hours / semester : 21
Own work: 22

PHILOSOPHY

L623PHCM01 Questions of Philosophical Aesthetics Applied to Architecture: Between Form, Function and Experience

Objectives: Define philosophical aesthetics and show how it differs from other approaches (historical, stylistic, sociological, etc.) to the artistic phenomenon. Examine the differences between architecture and other artistic disciplines in order to determine the applicability of aesthetic concepts to the architectural field and the degree of independence of architectural concepts.

Content: We will first present the issues of philosophical aesthetics in architecture. Then, we will pose some specific metaphysical and ontological problems, before moving on to questions concerning the architectural experience itself. Finally, we will discuss the question of aesthetic judgment in architecture. Proceeding from the general to the specific, we will try to provide answers to the following problems: What is architecture? Is it an art form? If so, how does it differ from other arts? Does architecture have an essence? What are the necessary and sufficient conditions for an artifact to qualify as an 'architectural work'? How do we experience architecture? Does prior theoretical knowledge influence the perception and judgement of an architectural work? All these questions will be studied not only on the basis of ancient texts, but also on the basis of contemporary philosophical works, especially those of an analytical orientation.

Work required:
Course Materials: Bibliographical references for the course will be provided at the beginning of the semester.

Teaching unit:
L623 PH - Philosophy

Teachers:
ANTONIOLI Manola

ECTS Credits: 2
Number of weeks: 14
No. of hours / semester : 21
Own work: 22

PHILOSOPHY

L623PHCM02 Philosophy

Objectives: Based on the analysis of philosophical texts from the twentieth and twenty-first centuries, the course aims to provoke students' reflection on the contemporary metamorphoses of spaces and territories.

Content: This year's teaching will be more particularly devoted to the thought of Michel Foucault, based on the reading of articles and conference texts ("Questions à Michel Foucault sur la géographie", Hérodote, n°1, January-March 1976 "Des espaces autres", lecture given at the Cercle d'études architecturales in 1967 "The Utopian Body" and "Heterotopias", conferences of 1966), and then address the analysis of the Panopticon and the disciplinary society in *Surveillance and Punish* (1975) and the transition from discipline to security, in its relation to territory, in *Sécurité, territoire, population* (Cours au Collège de France de 1977-1978). In particular, we will question the relevance and interest of the notion of "heterotopia" for today's architectural and urban practices.

Work required: Reading and analysis of philosophical texts.

Course Materials: Given by the teacher during the semester.

Teaching unit:
L623 THSH – TD sciences humaines

Teachers:

ECTS credits: 0.5

Number of weeks: 14

No. of hours / semester : 14

Personal work:

TD HUMANITIES

L623TDSH

Objectives:

Content:

Work required:

Course Materials:

Teaching unit:

L624 RA – Architecture Representation (Computing)

Teachers:
SATTLER Lea

ECTS Credits: 3
Number of weeks: 14
No. of hours / semester : 62
Personal work: 33

COMPUTER REPRESENTATION OF THE PROJECT

L624RIP01 Computer representation of the project

Objectives:

Content:

Work required:
Course Materials:

Teaching unit:

L624 RA – Architecture Representation (Computing)

Teachers:

COUSSON Francis



ECTS Credits: 3

Number of weeks: 14

No. of hours / semester : 62

Personal work: 33

COMPUTER REPRESENTATION OF THE PROJECT

L624RIP02 Computer representation of the project

Objectives:

Content:

Work required:

Course Materials:

Teaching unit:

L624 RA – Architecture Representation (Computing)

Teachers:

HAMANI Dalil

ECTS Credits: 3

Number of weeks: 14

No. of hours / semester : 62

Personal work: 33

COMPUTER REPRESENTATION OF THE PROJECT

L624RIP03 Computer representation of the project

Objectives:

The aim of this course is to give students the basics of business modeling of architecture, in its 3D, 2D, parametric and associative representation. It also aims to master BIM (Building Information Modeling) digital techniques for modelling, representation and management of architectural projects.

It places the evolution of digital tools in the context of architectural design by also presenting the basics of traditional representations.

Finally, these tools allow students to understand new methods, techniques and digital knowledge in today's architectural production.

The topics covered are:

1. The design and communication of projects using digital business tools at the service of the architectural project (Revit, Archicad, Rhino with Grasshopper plugin, etc.).
2. Advanced 3D modeling in BIM format (digital model, data structure, shared file and collaborative work).
3. The use of the IFC data exchange format between BIM software.
4. The BIM digital environment in the construction sector (Open BIM, IFC Viewer).

Content:

1. Modeling as an architectural design support Create, navigate, and interact with a digital model.

In-depth learning of software dedicated to the creation of REVIT and ARCHICAD intelligent digital models.

2. Different representations of the architectural project using different software and targeting different graphic representations of the architectural project: plans, sections, facades, axonometry, perspectives and digital models.

3. Digital data exchange and collaborative work, sharing of projects using BIM software (Mastering the creation of virtual smart models in the form of collaborative work).

4. Digital simulation from BIM digital data medium exchange, extracting data for communication, simulation, etc.

Tools & Formats:

- Business software: REVIT, ARCHICAD, RHINO with Grasshopper plugin.
- BIM plugin.
- BIM software, IFC Viewer.

Work required:

1. Virtual 3D models, cross-sectional plans and views and computer-generated images of architectural spaces.
2. Digital model presenting the architectural project and the digital experiments carried out in progress.
3. Example of expected renderings, Drawing and rendering in Revit and/or Archicad:

Make an A3 notebook (10 pages minimum), with functional cartridges:

- Floor plans: 1/100
- 2 cuts: 1/200
- 4 elevations: 1/200
- Axonometry storyboard
- Exploded axonometries
- Parts nomenclature, with sum of square meters

Course Materials:

Teaching unit:

L624 RA – Architecture Representation (Computing)

Teachers:

LEMIRINI Narjis

ECTS Credits: 3

Number of weeks: 14

No. of hours / semester : 62

Personal work: 33

COMPUTER REPRESENTATION OF THE PROJECT

L624RIP04 Computer representation of the project

Objectives:

Content:

Work required:

Course Materials:

Teaching unit:

L624 RA – Architecture Representation (Computing)

Teachers:

ECTS Credits: 3

Number of weeks: 14

No. of hours / semester : 62

Personal work: 33

COMPUTER REPRESENTATION OF THE PROJECT

L624RIP05 Computer representation of the project

Objectives:

Content:

Work required:

Course Materials:

Teaching unit:

L624 RA – Architecture Representation (Computing)

Teachers:

BEAUTEMS Dominique



ECTS Credits: 3

Number of weeks: 14

No. of hours / semester : 62

Personal work: 33

COMPUTER REPRESENTATION OF THE PROJECT

L624RIP06 Computer representation of the project

Objectives:

Content:

Work required:

Course Materials:

Teaching unit:

L624 DP – Plastic Approaches

Teachers:

DEBOMBOURG Baptiste

ECTS Credits: 3

Number of weeks: 14

No. of hours / semester : 84

Personal work: 33

ARTS

L624DP01 Plastic approaches

Objectives:

'BUILDING FROM CHAOS'

The starting point and driving force behind this teaching is resilience. The aim of this teaching is to be inspired and nourished by the radicalization of human expression during demonstrations or struggles against power, to capture this energy to use it for a creative purpose in order to defend a cause, express an idea, a concept, with a notion of committed art!

Architecture and urban space are at the centre of the subject because of the breadth of expression they constitute. As a result, they can become the central topic of work. Through this commitment, the aim is to become aware of a civic conscience and to take the measure of the future role of actor in society as an architect.

Developing a project specific to the format, medium, and approach of one's choice, around the theme of "building from chaos", this experience is part of a sharing and exchange of knowledge, references and discussions between us. It is an opportunity to offer everyone the opportunity to push their limits and to lead to a real collective work dynamic in order to produce committed artistic responses.

All plastic, visual, multimedia and performative proposals are accepted as long as they respond to the proposed theme. An edition/research notebook will accompany the fruit of this proposal.

Content:

Following the example of the recent revolutions in the Arab world, the emancipation of the Chinese countryside, the demand of some workers in France when the factories want to lay them off... Individuals show strong commitment and sometimes creative violence in relation to the risks involved.

In the face of this rise in violence, we are witnessing a radicalization of human expression. Today, with social networks, communication is fast and

allows the exchange of ideas, it also allows us to change the way we look at the world in which we live...

Over the course of 13 sessions, the course offers a theoretical and plastic reflection on this subject. The objective is to be able to react in a particular context, inside or outside the School, and to present the result of this work in the form of an exhibition during the last session. All plastic, visual, multimedia and performative proposals are accepted as long as they respond to the proposed theme. A research notebook will accompany the fruit of this proposal. A jury of external professionals is invited each year to discover and rate the work.

Work required: The work will be individual (editing/research notebook) but also carried out in groups of 2.3 students maximum, if more (validation with me on study of the project).

Course Materials:

Teaching unit:

L624 DP – Plastic Approaches

Teachers:

PINATEL Flavie
DUGAVE Chantal

ECTS Credits: 3

Number of weeks: 14

No. of hours / semester : 84

Personal work: 33

ARTS

L624DP02 Plastic approaches

Objectives:

Action as a means of representation.

Every act of perception engages the body as a whole. Visual perception (which is most often referred to in the visual arts) emanates from a body in motion. This body is the unique referent from which everything is perceived and conceived, it is the standard "always perceived by me",

During this Licence 3 course, we will summon this body that travels the territories, that reflects, that projects. It will be the subject of in situ experiments and the student will have to choose the relevant mediums of representation in relation to the situations.

Purpose

The student will be solicited in order to multiply experiences and 'role-plays' in order to acquire a sensitive but also operational and critical use of artistic media in order to invest them in the framework of the architectural project.

Content:

Techniques and médias_ Approach to the Space Phenomenon

The drawing will be considered as emanating from the body and not only from the hand. Whether it is observational or imaginary, it will not simply be the trace of seeing, but that of feeling (all the senses are vectorized in the gesture of the line). Other mediums such as sensitive models, sequences of volumes, collages will constitute a stage of confrontation and understanding of body/matter/scale. The in situ installation and a performative approach to places based on action as a means of representation will conclude the semester. The photographic and videographic mediums as well as the "word image" will be transversal to all the exercises that will have to be documented by the student in order to make a trace.

Work required:

Individual and group work

Course Materials:

Iconographic references, bibliography, videos, visits

Teaching unit:

L624 DP – Plastic Approaches

Teachers:

VACHON Pauline



ECTS Credits: 3

Number of weeks: 14

No. of hours / semester : 84

Personal work: 33

ARTS

L624DP03 Art and the City, The Artistic 1% and Public Commissions

Objectives:

Art and the city

The artistic 1% and public commissions

Pedagogical objectives:

This course is based on an initiative initiated by the Popular Front government at the instigation of Mario Roustan in the Senate, and Jean Zay, then Minister of National Education, aimed at raising public awareness of contemporary creation. It was in May 1951 that a founding decree was issued: the 1% Artistique. In the 1980s, the scheme was extended to all local authorities: municipalities, departments and regions had to devote 1% of the amount of the investment to the inclusion of works of art in all new constructions, within the limits of the powers transferred by the decentralisation laws. At the same time, at the turn of the 1970s, the government adopted a plan for the development and urbanization of the territory, leading to the construction of new towns, which became a lever in the development of art in the urban space.

This course raises students' awareness of this system, which meets different objectives, the first of which aims to support artistic creation and also to promote its dissemination outside the usual places of expression such as museums.

Photographic observations will be conducted, setting up a gaze that analyzes the work as well as its insertion into the urban space, its dialogue with its environment.

Do these works create a signal in the city? Are they a point of reference for locals and passers-by?

Content:

Place:

Students will first have to look at the work as a whole, in other words its general problematic, as well as in its physical aspect, its materiality.

A bibliography relating to the various artists who have created the works discussed will be given prior to the observations carried out on the site. This documentation will allow students not to focus on a work but to grasp it and situate it in the artist's approach and career.

This work will be carried out individually, students will have to find a method of observation and analysis of the chosen work, an analysis that may include different lines of research – the relationships between the work and its environment, the relationships of form or colour between a work and its context, etc.

Investigation can be carried out on the way in which the inhabitants perceive the work.

This project will be deployed on different sites in Paris and its suburbs.

Work required:

The course brings together visits to public art projects (public commissions, 1% art, independent actions, etc.), analyses of public spaces, outings of exhibitions, as well as new artistic institutions.

Course Language: French

Course Materials:

Teaching unit:
L624 DP – Plastic Approaches

Teachers:
REINERT Marie

ECTS Credits: 3
Number of weeks: 14
No. of hours / semester : 84
Personal work: 33

ARTS

L624DP04 Plastic approaches

Objectives: SCULPTURE AS A MODEL

To offer students a program of practical exercises on questions directly related to sculpture: logic of materials, problems of scale, representations, etc. These exercises will be fed with examples from the history of art (3 or 4 lessons out of the 13 sessions). One of the objectives is also to approach the problems of contemporary art.

Content: PROBLEMATIC:

This line of work is based on an apprehension of sculpture as a model for thinking about architecture. Indeed, sculpture is traditionally presented as an art freed from the constraints of functionality and utility. It differs from architecture in that it has only its own weight to carry. It is a volume without a roof, it does not house any activity. In this way, she questions problems in a perceptual and speculative way. It seems to me that through these characteristics, an interesting dialectic emerges to try to define the stakes of sculpture in relation to those of architecture during the twentieth century: sculpture is at the same time a model of autonomy and a model for problematizing the place of the artistic object with regard to its context. In this sense, the parallel with architecture is obvious, formally as well as historically.

3 hypotheses will be addressed with two exercises for each of them and as many hooks/corrections:

- Sculpture is an object
- The sculpture is a (fragment of) a body
- Sculpture is a space

REFERENCES:

A number of artists will be studied: Brancusi and Carl André in an introduction to the issue of the autonomy of the work, Tony Smith and his conception of sculptures as evil bodies, Gordon Matta-Clark and his notion of anarchitecture or Robert Smithson, Dan Graham etc...

EVALUATION METHODS:

Continuous monitoring and final hanging session of the proposals in the last week. Students will also be asked to do research on the artists mentioned.

Work required:

Technical approach to visual and plastic tools
Contemporary Art History
Personal work in workshops, individually and in groups
Exercises and final results

Course Materials:

Teaching unit:
L624 DP – Plastic Approaches

Teachers:
REIP Hugues

ECTS Credits: 3
Number of weeks: 14
No. of hours / semester : 84
Personal work: 33

ARTS

L624DP05 Plastic approaches

Objectives:

Content:

Work required:
Course Materials:

Teaching unit:

L624 DP – Plastic Approaches

Teachers:

RESTREPO RESTREPO Esteban

ECTS Credits: 3

Number of weeks: 14

No. of hours / semester : 84

Personal work: 33

ARTS

L624DP06 The Human Scale

Objectives:

Content:

The course will focus on the artistic possibilities of writing in relation to architecture, while valuing their common components, namely their poetic and narrative, fictional and realistic, but also experiential and performative dimensions.

Literature will be given its rightful place as a critical tool of and for architecture.

We will study the importance of the works of certain writers such as Italo Calvino, George Perec, Virginia Woolf, Julio Cortázar, Jorge Luis Borges, among others.

We will explore literary devices such as the exquisite corpses of the surrealists, situationist excesses, Oulipian exhaustions, or Woolfian streams of consciousness, while putting them at the service of architecture.

The place of writing in the works of artists such as René Magritte, Joseph Kosuth, Sophie Calle and Bruce Nauman, among many others, will be examined.

We will be interested in the presence of literature in the work of some architects such as Rem Koolhaas, Bernard Tschumi, Peter Eisenman, the Superstudio collective, Giancarlo de Carlo and John Hejduk, among others.

We will create experimental relationships between architecture and language from an artistic point of view, through hybrid techniques such as cartography, notation, diagrams, scores, calligrams, storyboards, photo-novels, comics, archigraphies, posters, even graffiti, or other new forms to be discovered and invented.

The course will be envisioned as an experimental writing workshop transcending the fixed form and traditional space of the "classroom writing workshop". It will venture towards alternative pedagogical forms through a simultaneous exploration of texts and intimate and public spaces, urban and peri-urban, mental and imaginary.

The course will be divided into two parts. In the first part, we will explore and experiment with artistic writing processes in the form of one-off exercises (of one or two weeks), in the second part, we will set up a major "imaginary project" on and around the Paris ring road, which will seek, through utopias conceived and represented on different and complementary artistic mediums, to "make disappear" this border, both physical and imaginary, that separates Paris from the suburbs.

Work required:
Course Materials:

Teaching unit:
L624 DP – Plastic Approaches

Teachers:
BERNARD-BRUNEL Léandre

ECTS Credits: 3
Number of weeks: 14
No. of hours / semester : 84
Personal work: 33

ARTS

L624DP07 Plastic approaches

Objectives: ROPE PULLERS

"Most people smile whenever I talk to them about puppets or pupazzi. They immediately think of their strings, their stiff arms, their jerky gestures, and they tell me: "They're funny little poupards". (...) Did you think that his ancestor was gesticulating on a trestle six feet wide, representing a little old-fashioned theatre, so that he almost touched the top of the proscenium with his head? Did you really believe that he always lived in a little house with doll's windows and doors, painted shutters wide open, and where the flowers of the little parterre grew brave petals as big as his head? Let go of that idea. »

Gordon Craig, Excerpt from *The Actor and the Supermarionette*, article published in *The Mask*, n°2, 1908.

In the light of the writings of Gordon Craig, a practitioner and thinker at the origins of modern scenography, we will question the capacity of a body to cross and inhabit a space. We will operate through puppets. We are going to make them with a view to experimenting with their presence outside the restrictive framework of the theatre castelet.

By inventing these puppet bodies, these doubles into which we will project our way of inhabiting a site, we will understand that projection is not only a matter of perspective, geometry and optics. It is also related to our affects and our relationship to otherness, that is to say, in relation to those for whom it will later be a question of constructing and sheltering.

By staging these puppets in films, we will grasp the issues of the off-screen (a gap in space) and the ellipse (a gap in time). The challenge here is to use these objects and video material as a way of thinking about Architecture: an Art of dimensioning, limits and the making of the conditions of circulation of the living.

Content:

This experimental work will combine the fabrication of object-bodies designed in response to an architectural site and the implementation of an elaborate process to record the capacity of these puppets to become users and inhabitants of a place.

The materials used will be diverse depending on the project of each person: fabrics, paper, cardboard, wood, composite materials, etc.

In a second phase, after having proceeded to an analysis of the site through drawing and photography, we will proceed by setting up a film and its stages. An in-depth introduction to the different video techniques used will be offered, not without detaching oneself from the poetics of the moving image.

Together, we will learn the stages of making a staging and a narration, designed in a filming device that is as light as possible and in connection with the place where we will be working.

This year, the proposed site should be the Centre National de la Danse located in Pantin, the former Maison du Peuple, a brutalist architecture designed by Jacques Kalisz.

Work required:

Group work.

Puppet making and then a film (or other storytelling format) Putting into perspective with the History of Art, the performing arts and Architecture.
Active participation in common critical feedback.

Diversity of mediums: drawings, photographs, soundtracks, videos, puppet making...

Course Materials: