

ENHANCE_SUMMER SCHOOL

VLC_SYNERGIC URBAN INFRASTRUCTURES

Application Module

What?

The Summer School VLC_SYNERGIC URBAN INFRASTRUCTURES is a **hybrid summer school** (blended intensive programme) that **gives 4 credits**. It is organized within the **ENHANCE alliance** with the following universities: Warsaw University of Technology, Ntnu (Norwegian University of Science and Technology), Technical University of Berlin, RWTH Aachen University, Polytechnic University of Valencia. It aims to provide participants with the skills necessary to design and use **interdisciplinary methodologies** to maximize synergies between **urban infrastructures** (green, blue, energy, social, mobility, housing, etc.). The Summer School is open to around 40 to 45 students from partner universities, among which 6 are from the AUIC School.

The School will be based on **co-creation processes** in which students, tutors, decision-makers, and representatives of civil society and the economic sector will collectively develop **diagnoses, visions, and proposals** for a set of strategic spatial and functional units in the **city of Valencia**. The School will focus on processes (methodologies) designed by participants to produce **interdisciplinary and innovative results**.

Summer School is **free of charge**. The Blended Intensive Programme (Erasmus+) will support students' participation with a grant.

When?

Between **14 August and 9 September 2023**

Online phase (Lectures + Critics) From 14 August to 31 August

During the first week of this phase, thematic lectures will be given to all the thematic teams in the morning, while critics will be organized in the afternoon. Students from each university will work with their tutor(s) in one specific Urban Infrastructure. During the second and the third week instead, the workload will include only the time for critics and review with tutors.

Onsite phase from 4 September to 9 September

Where?

The School will be held by **Universitat Politècnica de València**. UPV ranked first in the world among Spanish technological university, according to the Academic Ranking of World Universities (ARWU), also known as Shanghai Ranking.

It is not by chance that València has been chosen as the **best city to live** in the entire world by expatriates of more than five different nationalities. Mediterranean, authentic and with a rich history, Valencia is becoming one of the most sought-after destinations in Europe.

How?

The School is organized around **3 tasks**:

- **TASK1**: Thematic foundations (ONLINE)

	Monday 14.09.2023	Tuesday 15.09.2023	Wednesday 16.09.2023	Thursday 17.09.2023	Friday 18.09.2023
9:00-10:00	Lecture_INTRO to the Summer School + online materials + presentation of students	Lecture_TOPIC2 (optional: exercise, activity or discussion)	Lecture_TOPIC4 (optional: exercise, activity or discussion)	Lecture_TOPIC6 (optional: exercise, activity or discussion)	Working in TASK1
10:00-11:00					
11:00-12:00	Lecture_TOPIC1 (optional: exercise, activity or discussion)	Lecture_TOPIC3 (optional: exercise, activity or discussion)	Lecture_TOPIC5 (optional: exercise, activity or discussion)	Working in TASK1	
12:00-13:00					
AFTERNOON	Working in TASK1	Working in TASK1	Working in TASK1	Working in TASK1	

TOPICS to be scheduled (time slots of 1,5-2 hours):

- Green Infrastructure (lecturer(s) by POLIMI)
- Blue infrastructure (lecturer(s) by WUT)
- Social Infrastructure (lecturer(s) by NTNU)
- Housing Infrastructure (lecturer(s) by TU BERLIN)
- Mobility Infrastructure (lecturer(s) by RWTH AACHEN)
- Energy Infrastructure (lecturer(s) by UPV)

- **TASK2: A synergic methodology (ONLINE + ONSITE)**

Day	18.08	21.08	22.08	23.08	24.08	25.08	28.08	29.08	30.08	31.08	01.08
	Critics + Assignments										

- **TASK3: Integrative and synergic proposals (ONSITE)**

	Monday 04.09.2023	Tuesday 05.09.2023	Wednesday 06.09.2023	Thursday 07.09.2023	Friday 08.09.2023	Saturday 09.09.2023
9:00-10:00	WELCOME AND INTRODUCTION	INTRODUCTORY LECTURE TO TASK 3.1	INTRODUCTORY LECTURE TO TASK 3.1	TASK 3.1: Spatial alternatives for the expanded area (scale: 1:5000)	TASK 3.2: Masterplan FOCUS AREA (1:2000)	FINAL PRESENTATION (Tasks 2 + 3.1+3.2)
10:00-11:00	SITE VISIT	TASK 2: A method to define and assess synergies between different urban infrastructures	TASK 3.1: Spatial alternatives for the expanded area (scale: 1:5000)		CODESIGN WITH LOCAL STAKEHOLDERS	
11:00-12:00						
12:00-13:00						
13:00-14:00	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	
14:00-15:00	Adjustment of THEMATIC LECTURES	TASK 2: A method to define and assess synergies between different urban infrastructures	TASK 3.1: Spatial alternatives for the expanded area (scale: 1:5000)	TASK 3.1:	TASK 3.2: Masterplan FOCUS AREA (1:2000)	
15:00-16:00				PRESENTATION SPATIAL STRATEGY (TASK 3.1)		
16:00-17:00	LECTURES BY THEMATIC GROUPS + creation of multi-thematic teams (1 student from each university in each team)	PRESENTATION TASK 2	CODESIGN WITH LOCAL STAKEHOLDERS	INTRODUCTORY LECTURE TO TASK 3.2		
17:00-18:00				TASK 3.2: Masterplan FOCUS AREA (1:2000)		
18:00-19:00						

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Learning Outcomes

Upon completion of the VLC Summer School, participants will increase their capacity to:

- Develop 'planning processes/methodologies' to detect and increase **synergies between urban infrastructures** (green, blue, social, energy, housing, mobility, etc.)
- Apply, validate, and adjust the designed planning process/methodology in a specific site by testing **different spatial layouts**
- Develop thematic and **specialized knowledge** in one of the studied urban infrastructures (green, blue, social, energy, housing, mobility, etc.)
- Develop **integrative and interdisciplinary knowledge** in urban planning and design for all the addressed infrastructures

- Incorporate **codesign and participatory processes** in urban planning
- Conceptually and **critically address urban sustainability and resilience** as systemic and multidimensional qualities that inform the analysis and transformation of cities.
- Develop key **soft skills** for urban planning

Credits

The six selected participants who successfully complete the course and present their results will be awarded a certificate of participation in the ENHANCE Summer School with **4 CFU valid as a Workshop**.

Who can apply

Students enrolled (already attending courses) in one of the following

- Architectural Design and History - Progettazione Architettonica e Storia
- Architettura - Ambiente Costruito - Interni - Architecture - Built Environment - Interiors
- Architettura - Architettura delle Costruzioni
- Architettura e Disegno Urbano - Architecture and Urban Design
- Landscape Architecture. Land Landscape Heritage
- Sustainable Architecture and Landscape Design - Architettura Sostenibile e Progetto del Paesaggio
- Urban Planning and Policy Design - Pianificazione Urbana e Politiche Territoriali

Selection Criteria

The six students will be selected by a recognizable capacity/experience gained in the **subjects** of the Summer School

How to apply

Send a **Letter of Motivation** and a **Portfolio** or **Dossier** to the coordinator: Juanjo Galan (juagavi@urb.upv.es) by 1st May 2023

LETTER OF MOTIVATION: Please introduce yourself briefly and explain why you are interested in participating in the VLC_Summer School on Synergic Urban Infrastructures (maximum: 300 words):

PORTFOLIO or DOSSIER (for preferent consideration of your application): Please send by email (juagavi@urb.upv.es) a short portfolio or dossier displaying or explaining some of the work that you have developed on the topics of the Summer School (projects, essays, activities, etc.) (maximum 10 pages, 10MB)