

Public Building

MSc 1 Public Building Design Studio *Open LABS Leiden*



Cultural Cluster Zaanstad, MVRDV, 2018

Responsible Instructor
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Course Coordinators
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Instructors
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TBA

In the fall semester of 2023, the Public Building Group's MSc1 Studio will focus on **sustainable architectural design** for **Open Labs Leiden** in collaboration with the Municipality of Leiden. The Studio aims to provide students with the necessary knowledge, skills, and tools to design *sustainable, functional, and aesthetically rigorous public buildings*.

Leiden is home to the oldest university in the Netherlands, Leiden University, established in 1575, with its renowned Medical Center and Bioscience Park. Leiden takes pride in its scientific achievements and important discoveries, earning it the title *City of Discoveries*.

Open Labs Leiden aims to showcase the city's reputation in science and culture by highlighting the accomplishments of the university and Bioscience Park. It will house organizations such as *Nacht van Ontdekkingen* (Night of Discoveries), partner with prominent institutions and cultural groups like the theater group *Veenfabriek* and museums such as *De*

Lakenhal and *Boerhaave*, and prioritize leisure activities, exhibitions, education, and care for children and the elderly.

Throughout the course, the Studio will investigate sustainable architectural design topics, including **net-zero energy**, **design for disassembly**, and **circular economy**. The assignment and its central topics integrate sustainability with the enhancement of human activities and experiences. In parallel, the Studio will explore **multiplicity**, **hybridity**, and **resilience** as the defining qualities of enduring architecture. Students will explore complex, real-world contexts and develop critical and creative perspectives about the role of public buildings in the 21st century.

Upon completing the Studio, students will understand in-depth sustainable architectural design in both functional and aesthetic aspects. They will acquire a portfolio demonstrating their competency in the design of sustainable public building design.

Code	AR1AP012
Credits	10 ECTS
Location	Leiden, NL
Excursion	Day Trip
Costs	< €50