

WINTER SEMESTER 2025-26
DESIGN STUDIO 1

TYPOLOGICAL STUDIO_

THE CITY AS A TYPE THE TYPE AS A CITY

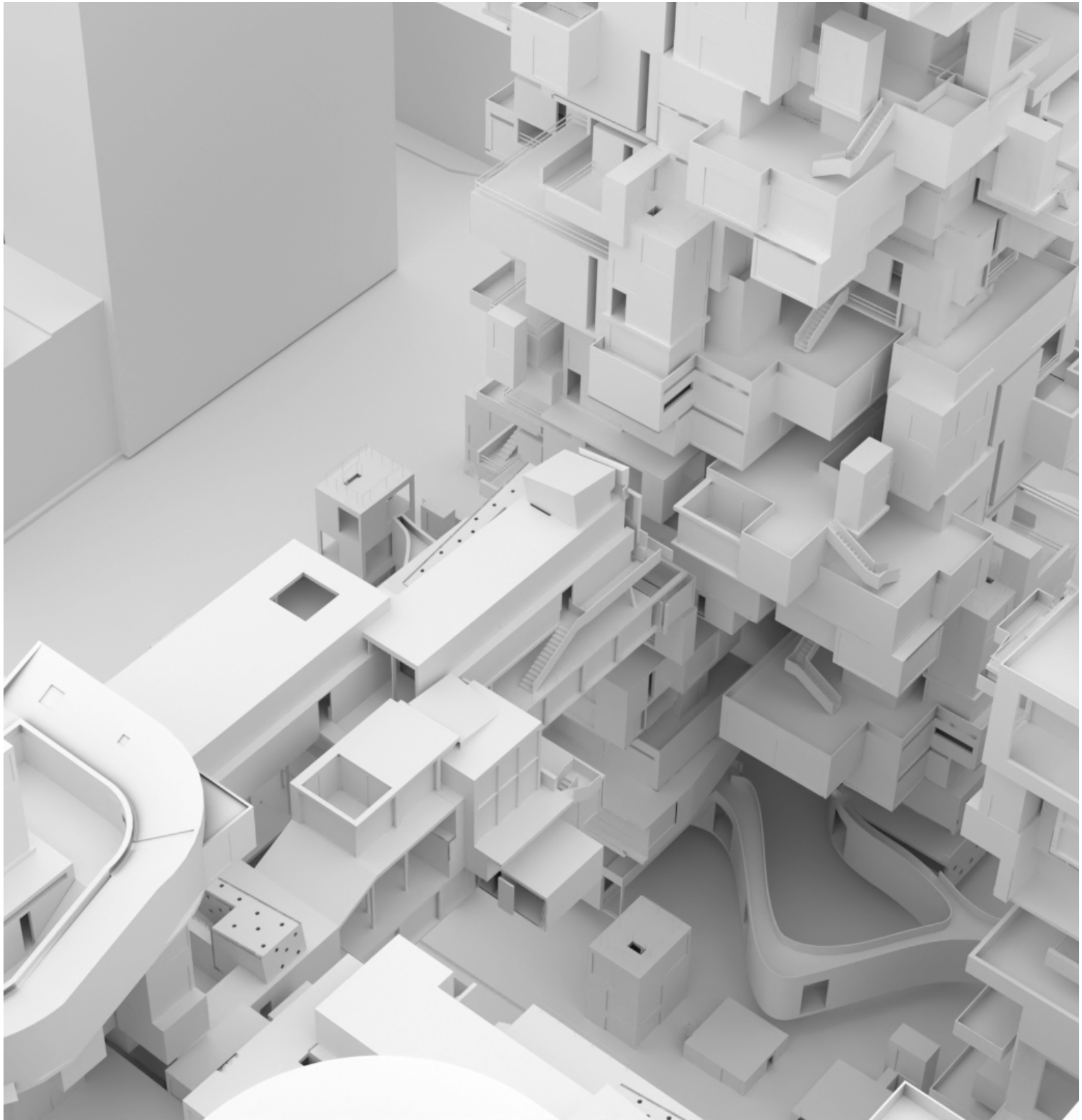
IOUD - Institute Of Urban Design
825106 PJ Entwerfen 1

Instructors:

Univ.-Prof. Dipl.-Ing. Dr. Peter Trummer
Janna Eberharter, MArch
Luca Zanarini, MArch

Meetings:

EVERY THURSDAY
10:00-18:00
work at uni days



INTRO_

This design studio explores the transformation of architectural typologies from the scale of the house to the scale of the city. Working at the intersection of architecture and urbanism, students will investigate how intimate qualities of the single-family house can be reimagined within a hybrid city-block.

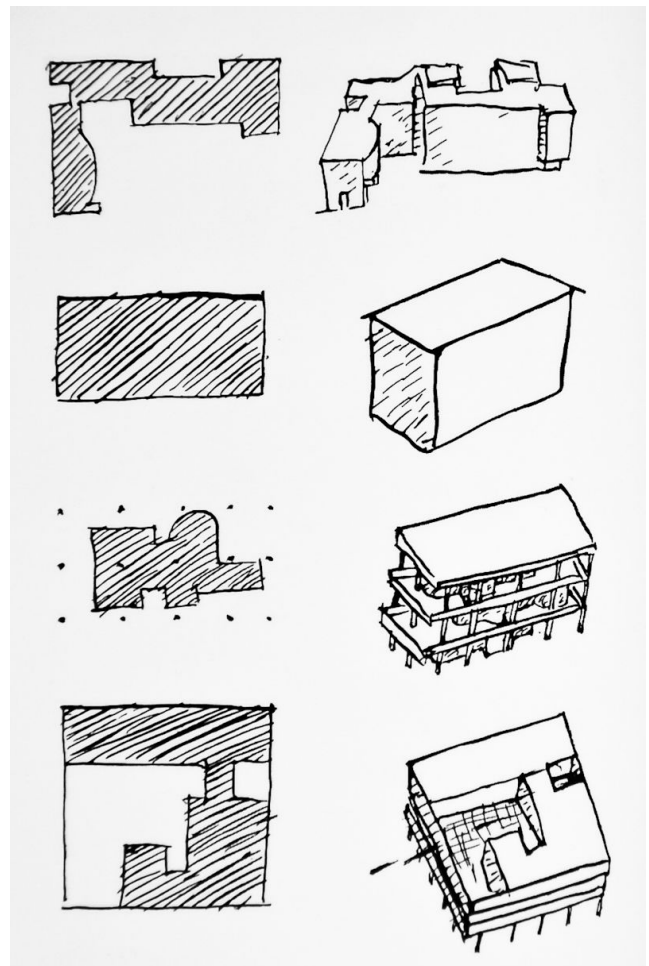
Through a combination of formal analysis, precedent studies using diagrams as well as practical design exercises, students will develop hybrid structures embedded within the urban fabric of a city block.

ABSTRACT_

Typology refers to the classification of buildings, in search for a common idea or vision that will invest architecture with a social and political role. Understanding typologies is essential for architects, as it provides valuable insights into the structure and dynamics of urban environments.

The seminar explores the transformation of the single family house into urban hybrids, inspired by the concept of O.M.A.'s hyperbuilding. By reimagining the house as a small-scale object within the context of dense, multi-functional urban structures, conventional architectural boundaries as well as the contemporary city are being challenged.

Participants will study key architectural reference projects, analyze their core design principles and explore strategies to integrate those principles into large-scale urban forms. Combining theoretical analysis and practical design exercises, the seminar seeks to develop a new approach to urbanism, one that merges the intimacy of dwelling spaces with the complexity of urban infrastructure. Students will explore how larger cityscapes emerge through agglomeration of smaller objects, discovering how individual dwellings can inform and transform broader urban typologies.



ORGANIZATION_

The studio will place particular emphasis on the floor plan, as this representational tool is especially compatible when discussing architectural typologies. Each student will individually analyze floor plans of their precedents [*1 house and 2 typologies*] and present their work.

Once a library of precedents is established, students continue in groups of two. The objective is to ensure each student gains experience modeling and communicating their work through drawings, renderings and analysis/diagrams.

Meetings will be held as studio days. This means you will spend the entire day at the institute working on your project. There will be dedicated slots for individual desk crits as well as continuous possibility of feedback and discussion throughout the day. Attendance is important, as it will count towards your final grade.

METHODOLOGY_

The studio will put a focus on the development of a design project supported by a strong foundation in analysis and theory.

The use of generative tools (AI) will be incorporated into the process throughout. Students will produce multiple iterations of their work and are expected to critically evaluate and justify their choices by articulating clear arguments for why one version may be more effective or appropriate than another.

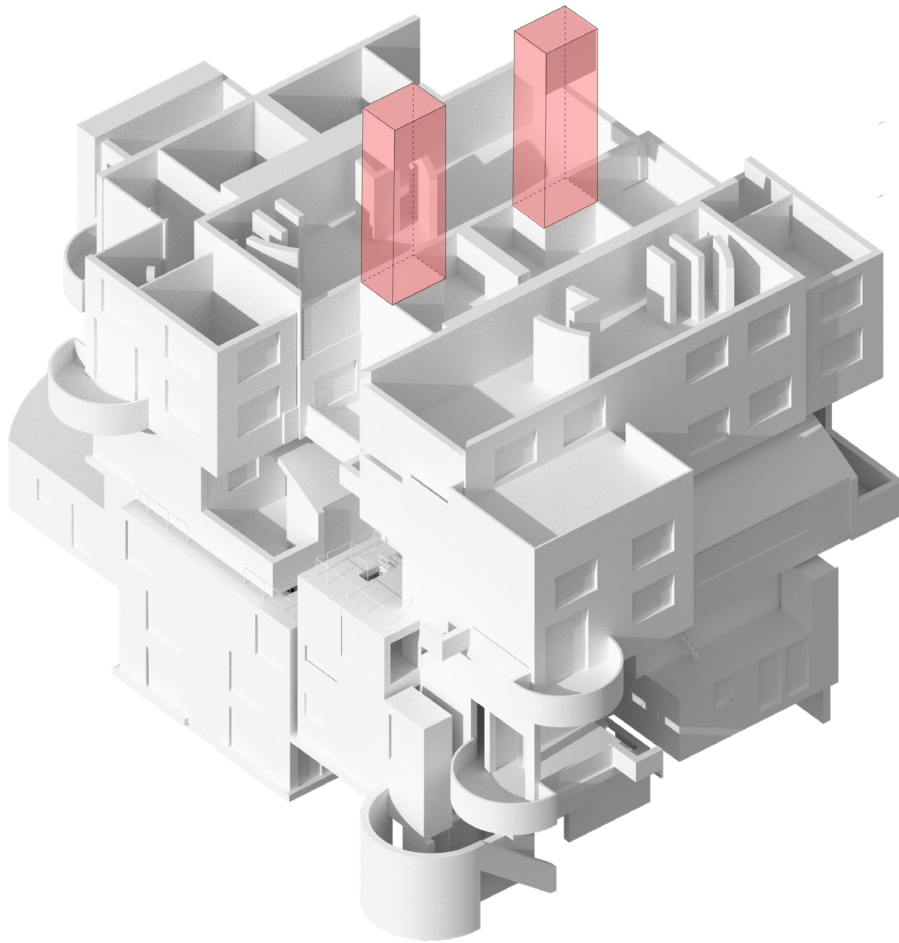
Throughout the course, students will not only engage in the design process but also acquire essential skills in 2D drawings (Illustrator), rendering (Blender), 3D modeling (Rhino) as well as visual representation. These technical abilities will be complemented by a theoretical foundation allowing students to create designs that are conceptually grounded in the discourse of architecture.



SITE VIENNA_

The Sonnwendviertel and the Hauptbahnhof district in Vienna are part of a large-scale urban redevelopment project initiated in the early 2000s around the city's new central railway station (Wien Hauptbahnhof). The transformation of former railway and industrial land has produced a mixed-use neighborhood that combines housing, offices, cultural facilities, and public spaces. The Sonnwendviertel in particular has become a showcase for contemporary urban planning strategies, emphasizing sustainability, social housing, and integration with mobility infrastructure.





SEMESTER PREVIEW_ / Pin-Up after every phase

PHASE 1 (individual work)

- _ drawings + analysis/diagrams
(2 floor plan of urban typologies + 1 floor plan of a house)
- _ use of AI to hybridize houses and urban typologies

PHASE 2 (group work)

- _ formal diagrams of 4 typologies
- _ typology chunks (by using the 'Case Study-Library')
- _ discourse of small scale object versus typology
- _ iterative process

PHASE 3

- _ formal diagram of the hybrid building
- _ design of a hybrid city block
- _ argumentation + final design

**we meet
Thursday, 2th october,
10 AM
at IOUD**

looking forward to seeing you!

following meetings every
thursday, 10AM - 6PM at the institute

DATES_

02.10.
09.10.
16.10.
23.10.
30.10.
06.11.
13.11.
20.11.
27.11.
04.12.
11.12.

XMAS BREAK

08.01.
15.01.
22.01.

FINALS TBA.