

N.T.U.A. SCHOOL OF ARCHITECTURE
DPT OF ARCHITECTURAL DESIGN

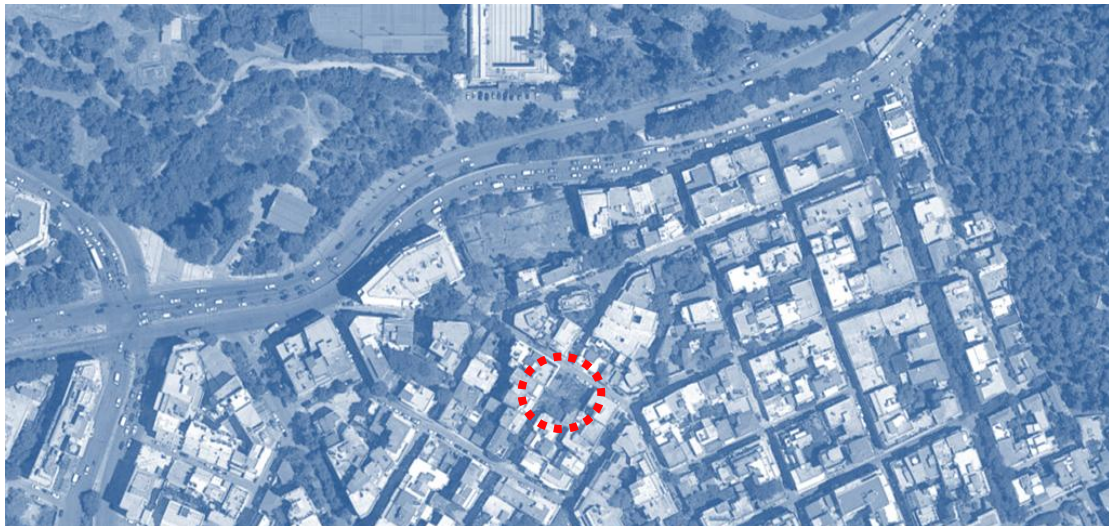
Academic Year 2019-2020
3rd SEMESTER

Tutors:

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Leonidas Koutsoumpos	Assistant Professor
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**SINGLE FAMILY HOUSE WITH WORKSPACE IN
METS**

A. Subject of the course

The subject of the 3rd semester is the study of a single-family house with a small workplace. The plot is located at the junction of Karatza and Tsami Karatasou Streets, in the area of Filopappou.

The design of a dwelling is generally considered to be a matter of particular architectural difficulty as it inevitably involves personal issues of occupancy, as well as complex social and political issues of expressing the private in the public space, thus shaping the urban environment. Nevertheless, it is chosen to be a matter of investigation on a small semester, aiming to derive data from the important personal experiences of habitat (positive or negative) inherent in each student. These, together with the teaching material provided by the teaching team, can form the basic framework on which each student's design proposal will be based.

B. The area of Mets

The site selected for the project is located in the Mets area. The plot is located at the junction of Sorvolou and Gorgiou streets.



Mets is a central district of Athens located opposite and southeast of Zappeion on the hill of Logginos, which is a southern continuation of the hill of Ardittos. The imaginary boundaries of the old neighbourhood of Mets are created by Ardittou (north) and Vouliagmenis (west), and Nikiforou Theotoki (east) and Logginou (south) streets.

The name of the area came from the name of an old recreation centre located near the pre-existing river Ilissos. There was a famous brewery created in 1870 by Charles Fix (of Bavarian descent) to promote his beer, which was named after the town of Metz in Lorraine (where the battle of the same name in the Franco-Prussian War of 1870-71 took place). It housed many nightclubs, but as Athens began to expand in all directions, the neighbourhood became more and more densely populated. At the end of the 19th century, small neoclassical buildings covered the slopes of the hill, thus creating one of the extreme Athenian neighbourhoods where this architectural style appeared.

Nowadays, few of these neoclassical buildings survive, but the area is still characterized by its dense urban tissue, but with relatively low heights (although not in its entirety) and with a strong sense of community.

The area is served by the Acropolis metro station, Agia Fotini, Kolymviterio and Stadium stops, with trolley lines 2, 4, 11 and by the Zappeion tram stop.

C. Objectives of the course

The main objective is to make students aware of the interrelated way of life with the configuration and design of the architectural space. Additional considerations while working on the project are:

- The relationship between the dwelling and the surrounding area (natural and artificial).

- The relationship between spaces and functions.
- The relation of form and structure (geometry of construction, basic building elements, materials, color).

D. Building Brief

For educational reasons, no areas are set for individual spaces so that student groups can reflect on and propose their own scenarios for residents and their lifestyles. However, it should be noted that the total area of the enclosed spaces of the house should not exceed 150 m². and the workshop of 35 m².

E. General criteria for the evaluation of the project

- The building to be designed must be based on a distinct central synthetic idea, which concerns both its design and its relationship with the city.
- Every architectural proposal must be the result of conscious actions, which come mainly from critical thinking rather than accidental and arbitrary manipulations.
- The end result should propose solutions to the construction, functional, and social problems related to the structure of the building and the living space.
- The study to be submitted should record the student's ability to express themselves through the architectural language of the sketch, drawing, drawing and writing.

F. Content of the study to be submitted

The final submission at the end of the semester will include at least the following:

1. General layout with the surrounding area on 1: 200 & 1: 100 scales.
2. Drawings: plans of all elevations, all the facades of the building and at least two characteristic sections on 1:50 scale.
3. Working model on 1:50 scale or 1:100.
4. Sketches (axonometric, perspective etc) features of the synthetic process and the final solution (describing both the exterior and the interior of the building).
5. Small text describing the proposal with explanatory sketches and diagrams (1000 words).

G. Attendance at the lesson and participation

Since this is a laboratory course, it is necessary for the systematic and active involvement of the students, as the fulfillment of the objectives of the course can only be achieved through regular and effective collaboration between teachers and students.