

architectural design II

spring semester 2015

MTZ 511E

Monday & Thursday

1:30-6:00 pm

Studio UIA

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future living

Theme:

With the exponential growth of world population, it won't be hard to predict that we'll be living in denser and more compact living environments in the near future. Whether rural or urban, future living environments are under scrutiny by professionals of various disciplines, economists, sociologists, designers, entrepreneurs, etc. to envisage innovative solutions for the needs of the future generations. The theme of this semester's M.Arch program is Future Living. We'll be debating different scenarios of future living habitats by discussing the changing life experiences, expectations, habits, family models, technology, environment, and how architecture can adapt itself to these evolving demands. Rooted in these future scenarios, we'll be working on minimum space design strategies and architecture as an industrialized product for possible housing alternatives. The theme will be studied as a research project, leading to an architectural design solution at the end.

Our research can focus on three different aspects of the theme as mobile structures, adaptive systems, or do-it-yourself (DIY) potentials/products.

The questions that will be pursued will start with: What kind of a society will we live in? How living environments can change in the future? What will be the emerging needs for housing? What is adaptiveness and which circumstances can allow adaptivity? How can architecture cope with mobility which is the rising tendency of world population? How will we set a sustainable relation with nature? Can house be industrialized? Can an ordinary individual build his/her own home? What do we understand from house design?

Program

The program will be held as a research process. The first weeks of the semester will focus on research for developing scenarios that will be developed by the ongoing theoretical discussions based on various readings and lectures. The second half of the semester, students will choose an aspect of the theme to focus on and develop their architectural designs. The designs will be materialized by scaled drawings and physical models that will enable to develop the details and architectonic structure of these works.

Reading

A reading list will be provided at the beginning of the semester, expecting the semester work will grow from the ongoing discussions parallel to the readings. There will also be guests for various lectures throughout the semester.

