On an urban scale, the heat island effect can become a real problem during warm summers. In this course, the assignment is to design a structure that has a maximum impact on reducing the urban heat island effect in its surroundings.

On an architectural scale, the assignment will be addressing housing, combined with a second function. Both functions should form synergy from the point of view or for example energy use.

On the scale of details and materials, the project will be addressing contemporary craftsmanship. How do we make details with contemporary technology and knowledge of carbon footprint?

EXTREME is a course about integrated design: designing on different scales taking structure, climate, people and materials into account.

The outcome of the project is one design that addresses multiple aspects of the built environment.

Related courses
AR1A080 Building Engineering Studios