

ITU Department of Architecture
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S² [SymbiontSpaces]

Adaptive Design Strategies for
Environmentally Conscious Architecture

The main aim of the S² Studio; is to examine the potential **symbiotic links between form, tectonics, materiality and natural/living environments**, and how these should evolve in response to changing programmatic requirements in more sustainable urban environments. The overall goal is to find new strategies for a society characterized by long term sustainability and to **acquire knowledge and insights about architecture in a nature-centric perspective**; the relationship between architectural organization and the ability to change over time and how nature/landscape affects the design.

Design proposals will base on mixed functions can be listed as smart housing units+community based SME's, public learning and lifelong education, exhibition and performance spaces and indoor/outdoor social activities.

The studio will examine precedents, urban information, explore innovative design strategies/production methods, and the design process will emphasize digital/physical models—both conceptual, representational and analytical—to critically develop, interpret and present ideas.

