URBAN BIOTOPES
OTANIEMI now | after

The studio course will advance in the integration of Natural Sciences and Planning by combining scientific methods to analyze the abiotic and biotic conditions of the urban environment with planning methods to promote the integration of multifunctional green infrastructures in more sustainable urban fabrics.

In particular, the course will use the Urban Biotopes of Otaniemi to develop strategic proposals, fieldwork, lab work and advanced plans in current and future Otaniemi, in which new Urban Biotopes might emerge as a consequence of densification, climate change and social transformations.

The work will be developed in teams integrated by students from Aalto University and the University of Helsinki and will be structured in the following phases:

- PART1: An academic reflection about Urban Nature and Urban Ecology
- PART2: A scientific study of Abiotic and Biotic factors + “Biotopes based” analysis of the Green Infrastructure of Otaniemi
- PART3: Strategic planning approaches in current and future Otaniemi (year 2017>year 2030)

* optional: Study trip to Berlin, London or Rotterdam (4-5 days)