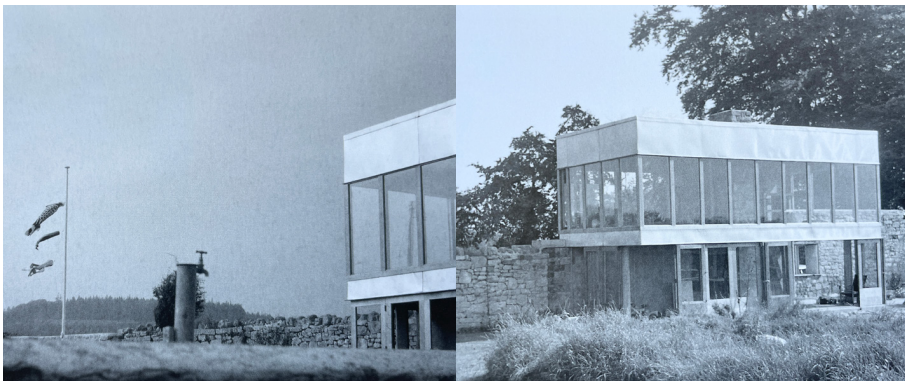
FH MÜNSTER
University of Applied Sciences

MSA FB Architektur
Münster School of Architecture



Upper Lawn Solar Pavilion, Alison & Peter Smithson, 1958-63

Bachelor

Winter 23/24

ba.m2.3 Design I

course

Dipl.-Ing. M.A. Daniel Spruth

lecturer

Constructs in wind and weather (the city is a giant garden)

title

This design course is initially about the transfer of thought to imagine the city as a giant (kitchen) garden—both in a practical and pictorial sense. Small to medium-sized architectures are to be designed into this environment: everyday places of learning and labour, as well as collective infrastructures.
So, if urban dwellers are also gardeners, much more exposed to wind and weather, a wide range of spatial, horticultural, logistical, constructive, technical and social constructs would be needed. These can include garden sheds and arbours for tools, harvest yields, materials and recyclables; weather loggias, enclosures, shelters, such as wind paravents, solar and shade roofs for working and gathering, but also water collection systems, cisterns and fountains, conservatories, foil tunnels and trellis structures for the cultivation. To this end, you will study the laws and properties of wind, rain, sun, air, temperature and the soil while designing. In climatological negotiations with the existing, we will think together, also during walks (in autumn), about image sets of a reconsidered environment with references to architecture and garden theory.

topic

- Hertweck, Florian and Sébastien Marot, The City in the City – Berlin: A Green Archipelago : A manifesto (1977) by Oswald Mathias Ungers and Rem Koolhaas with Peter Riemann, Hans Kollhoff and Arthur Ovaska. UAA/ Lars Müller, 2013
- Smithson, Alison & Peter, Upper Lawn Solar Pavilion. MACK, 2023
- Faskel, Bernd, Die Alten bauten besser: Energiesparen durch klimabewußte Architektur : Was für unsere Ahnen selbstverständlich war, müssen wir neu entdecken. Eichborn, 1982

recommended reading