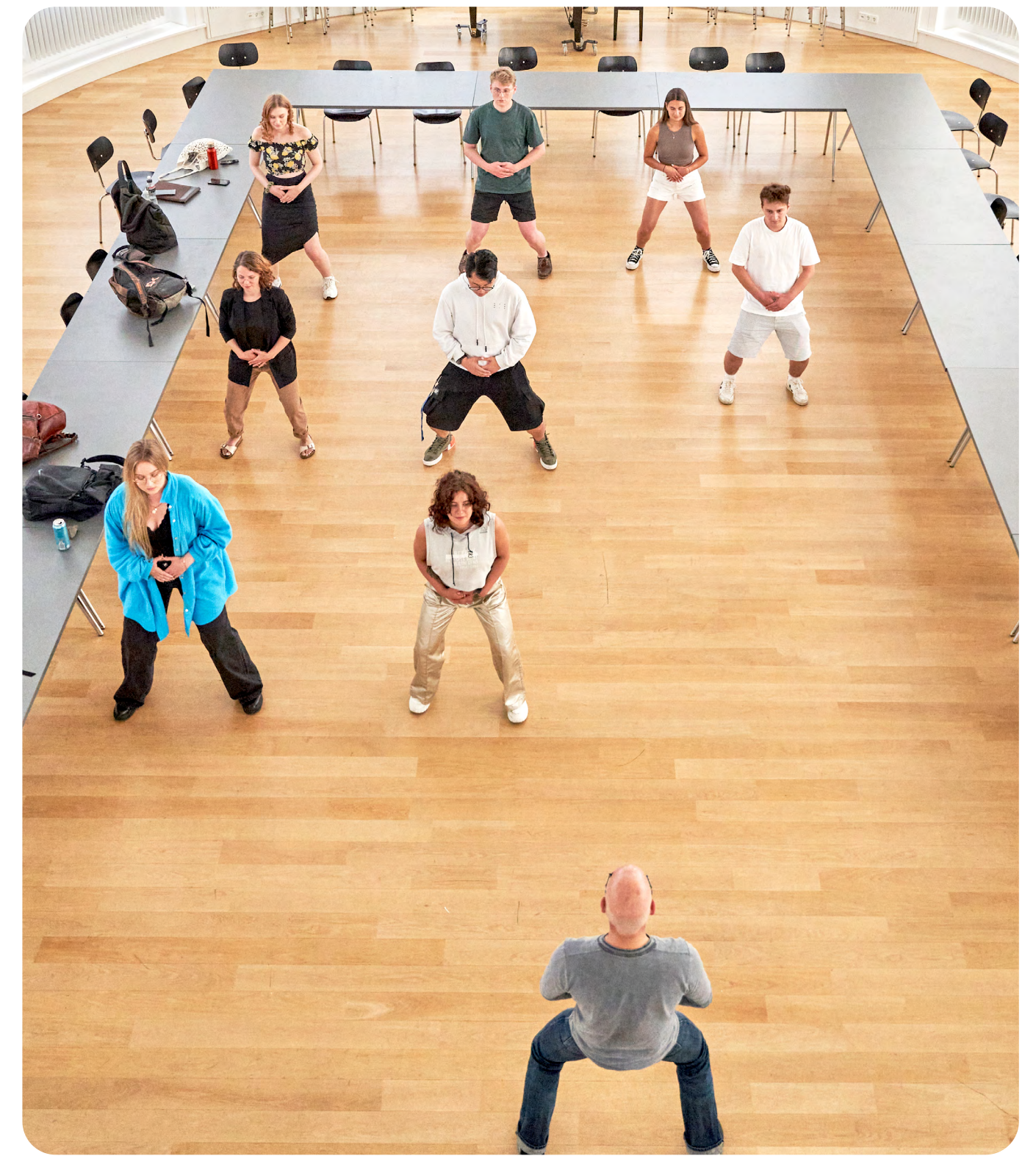


# INTERNATIONAL GUEST LECTURESHIP WATER AND THE SUSTAINABLE BODY



## RESULT REPORT

As part of the interdisciplinary seminar „Real Nature is not green – Art and Nature“, Jane Brucker and Jeremy Wasser offered the course „Water and the sustainable Body“. Eleven students from architecture, interior design, intermedia design and fashion design, including exchange students from Finland, Jordan and Thailand, took part. Water was explored as an essential aspect of the human experience of nature as well as the relationship of water to human health.

During one of the weekly sessions, the design students met with Dr. Wasser's biomedical sciences students from Texas A&M University. Students were divided into groups representing organ/body systems: endocrine, cardiovascular, nervous system, renal, reproductive, gastrointestinal, and biochemistry. Together, research findings on micro- and nanoplastics and their effects on biological systems were discussed and visualized through drawings. Water pollution through fast fashion and clothing has been studied as a major source of micro- and nanoplastic ingestion. The design students task was to complete the joint texts and sketches and use them to expressively present the research results of the scientists' SDGs such as Clean Water and Sanitation, Good Health and Wellbeing, Quality Education, Responsible Consumption and Production, Partnerships for the Goals

played an important role. At the end of the course, the results were presented in form of an installation at the Campus of Art and Design.

A special feature of this cooperation was the collaboration between design students and medical students from Texas A&M University. The combination of design and science was a new and rewarding experience for both partners - the designers dealt with scientific studies on the topic of microplastics, while the scientists learned methods for the adequate and expressive visualization of their studies.

The innovative teaching methods of Jane Brucker and Jeremy Wasser were a great enrichment, in particular the linking of design and science as well as Jane Brucker's creativity-enhancing awareness exercises. Their focus on sustainable healthy work in the field of design also provided important impulses for future courses.

**TITLE**  
Water and the sustainable Body

**DEPARTMENT**  
Department of Art and Design: Architecture, Interior Design, Intermedia Design and Fashion Design

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