

3 DAYS · IN PERSON · ENGLISH

Foundations of Sustainable Design and Development

DATES

New dates in preparation

Date, price and enrollment deadline appear on the course page as soon as they are confirmed.

FORMAT	In person	LANGUAGE	English
DURATION	3 days	LOCATION	Berlin
CERTIFICATE	Certificate of Participation		

Course Overview

Strategically Embedding Sustainability: Principles for Products and Services.

This three-day workshop provides professionals with a fundamental understanding of how sustainability can be systematically integrated into the design and development process of products and services. You will learn concepts, techniques, and practical methods for moving beyond traditional approaches and creating sustainable solutions. Through lectures, discussions, and scenario-based exercises, you will develop concrete sustainability plans for your professional context. The course is led by renowned architect and sustainability expert Dr. Sang Lee and equips you with the methodological tools to incorporate environmental and social criteria from the very beginning.

Course Content

COURSE CONTENT

- Introduction to Sustainability: Fundamentals, Energy, Materials, and Lifestyles
- Life-cycle thinking and resource efficiency in products and services
- Methods for analyzing and evaluating sustainable offerings
- Scenario-based group exercises for developing practical sustainability plans
- Presentation and feedback on the proposals developed

Learning Goals

- Understand various sustainability goals and their relevance to modern products and services.
- Thoroughly analyze and evaluate requirements for sustainable offerings.
- Methodically evaluate sustainable concepts and proposals and present them persuasively.
- Apply concepts of the circular economy and resource efficiency in practice.

Participation & Requirements

TARGET GROUP

Product developers, designers, project managers, and executives who want to actively integrate sustainability into their development and design processes. This course is recognized under Section 10(5) of the Berlin Educational Leave Act (BiZeitG).

PRIOR KNOWLEDGE

This course is intended for professionals involved in product or service development who have an overview of design and development processes. No specific prior knowledge is required.

CERTIFICATE DETAILS

Upon successful completion, you will receive a certificate of participation from TU Berlin.

Instructors

Dr. Sang Lee

Dr. Sang Lee is an architect, scholar, and University Docent at TU Delft (Delft University of Technology) in the Netherlands, specializing in architecture and sustainable design. His research and teaching interests include the impact of digital technology in architecture, architectural aesthetics, and the integration of sustainability. He is the author of the book *Aesthetics of Sustainable Architecture* (2011) and has lectured on these topics at various universities across the EU and the USA.

QUESTIONS ABOUT THIS COURSE?

Register Now

<https://academy-tu.berlin/en/courses/short/sustainability/foundations-of-sustainable-design-and-development>
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