

Bachelor/Master of Arts

5.5.1 Theorie & Werkzeuge

Exploring AI Applications in AEC

Fakultät für Architektur und Bauwesen

Prof. Maile/Prof. Erkal

WS 2024/2025

2 SWS 3 ECTS

This exploratory module provides students with an introduction to the application of Artificial Intelligence (AI) in the AEC industry.



AI generated image to illustrate the exploratory nature of the course
DALL-E 3

The course begins with an overview of AI technologies and their fundamental concepts. Students will engage in independent research and explore the latest developments and tools used in AI for architecture, engineering, and construction (AEC). Throughout the course, participants will work in groups to investigate specific AI topics, gaining hands-on experience and practical insights into the potential of AI to transform the construction sector.