



TECHNISCHE
UNIVERSITÄT
DARMSTADT



Institute of Constructive
Design and Building
Construction

PROF. ARCHITEKT
STEFAN SCHÄFER



Green Building Design II

SS 2024

LECTURE
EXERCISE

TUESDAYS 09:50 – 11:30 L3 / 01 A91
TUESDAYS 11:40 – 13:20 L3 / 01 A91

The course offers a comprehensive insight into the energetic building analysis and planning considering different technical and constructional approaches.

The module contains individual seminar topics dealing with in-depth issues of sustainable building. This includes the scientific consideration of different materials and constructions as well as building physics processes and energy concepts. The elaborated results are to be presented in an interim and a final presentation. The course is possibly concluded by an excursion.

RECOMMENDATION

The module „Green Building Design II“ is aimed at students from the 1st semester of the Master's programme in Civil Engineering, Environmental Engineering, Sustainable Urban Development and others. Previous knowledge in the subjects of building construction or basics of structural building construction is recommended for participation. The module can be taken independently of the module „Green Building Design I“. The module will be held in English.

TASKS

- Research work on various current special topics
- Written / graphic representation of the results
- Presentation slides and oral presentation in an (online) student conference

SCHEDULE

Di, 16.04.2024	The course is divided into the following sections:
Di, 23.04.2024	
Di, 30.04.2024	Introductory event
Di, 07.05.2024	Basic lectures on core topics
Di, 14.05.2024	Impulse lectures on variable topics
Di, 21.05.2024	
Di, 28.05.2024	
Di, 04.06.2024	Exercises / corrections to the tasks
Di, 11.06.2024	Individual appointment by arrangement
Di, 18.06.2024	
Di, 25.06.2024	Interim presentation (voluntary)
Di, 02.07.2024	
Di, 09.07.2024	Final presentation
Di, 17.07.2024	Delivery of all tasks

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