

ELECTIVE COURSES | WAHLFÄCHER

WS 2022/23

159.901 ADVANCED BUILDING SYSTEMS

Innovative MEP/Climate Control Systems and their integration into the architectural design of high-performance buildings - buildings that combine minimized energy consumption with optimal indoor environmental qualities.

159.903 LIFE CYCLE ANALYSIS

Scientifically-based discussion of embodied energy and building life cycle as a basis for conducting life cycle analysis of buildings. The students will learn in-depth knowledge for the holistic understanding of life cycle costing and life cycle assessment. The course is supplemented with practice sessions containing practical presentations and calculation examples.

After successfully completing the course, students will be familiar with various innovative high-performance MEP/Climate Control System solutions and the possibilities for integration into their architectural designs.

with Lobna Elgheriani

registration

Thursday, 15. September 9:00 After successful completion of the course, students have acquired basic knowledge regarding the analysis and evaluation of the energy demand in the construction, operation and disposal of a building and the basis for conducting life cycle analysis of buildings. This applies in particular to life cycle costing (LCC) and life cycle assessment (LCA).

with Tobias Weiss

registration Thursday, 15. September 9:15



6.0

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