



# Research Semester

## Systematic Sustainable Catalog

### Sustainable Design

Teachers: Prof. Dietrich Schwarz  
and Dipl.-Ing. Wolfgang Simma  
Wallinger

Module type Individual Elective  
Course title Project Research  
Semester ECTS 12.0 Taught units  
per semester (in units of 45  
minutes) 24.0 Private study time  
(in hours) 342.0 Min. enrolment -  
Frequency Twice a year Language  
English Assessment Minimum  
75% compulsory attendance,  
continuous assessment and  
regular meetings with instructors.  
The final grade is calculated  
according to the weighting  
of the following components:  
final submission (80%) and oral  
presentation (20%)

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Research in Sustainable Architecture – Focus on Sustainability.

What is sustainable and what is not?

This elective module invites participants to engage in an in-depth examination of sustainable building practices within the Alpine Rhine Valley. In alignment with ongoing research initiatives at the LSA, the module is dedicated to the development of a comprehensive catalogue of themes pertinent to sustainable construction. Through a rigorous comparative analysis of building certifications and broader sustainability frameworks, participants will investigate how these themes can inform and advance sustainable architectural practices in the region. This module offers a unique opportunity to contribute to the academic discourse on sustainability and shape the future of building practices.

Participants in this module will play a pivotal role in synthesizing an extensive overview of contemporary sustainability topics and translating these insights into a structured matrix for all relevant stakeholders in architecture and the construction industry. Beyond the analysis and research of these topics, the primary tasks will involve the integration of findings into the overarching matrix. This project is tailored for students with interests spanning technical and economic dimensions, as well as ethical and philosophical considerations. At the outset of the project, the scope of each participant's work will be customized according to their knowledge base and areas of interest during the initial meeting session.

Don't miss the chance to shape the future of sustainable building.