

ARK-E4015 - The Matter of Building

Credits: 6

Instructors: Pekka Heikkinen, Laura Zubillaga and Jaakko Torvinen

Learning outcomes:

- Understanding the life cycle of building materials,
- Recognizing the reuse and recycling potential of building components
- Rethinking the importance and possibilities of disassembly of building components
- Understanding the environmental impact and estimating the carbon storage possibilities in architectural design

Course components:

- Material studies
- Research and presentation of the material studies
- Abstract design study of materials: Material Cube
- Concept and layout for exhibiting the Material Research and the Material Cube

Sessions: Friday 12.30-15.15

- 4.3 Pre-assignment is announced (not session)
- 11.3 Presentations of pre-assignment + Research and Design assignment announced
- 18.3 Research presentations
- 25.3 Review of the Material Cube concepts and preliminary designs
- 1.4 Research presentations + Exhibition concept
- 8.4 Final review of the Material Cubes and Material for the Exhibition