

AR-519

UE M : Constructing materials

Nichols Sarah

Cursus	Sem.	Type
Architecture	MA2, MA4	Opt.
Mob. AR	E	Opt.

Language of teaching	English
Credits	4
Withdrawal Session	Unauthorized Summer
Semester Exam	Spring During the semester
Workload	120h
Weeks	12
Hours	4 weekly
Courses	3 weekly
Exercises	1 weekly

Number of positions

It is not allowed to withdraw from this subject after the registration deadline.

Remark

Inscription faite par la section

Summary

This course examines how conceptions of building materials are shaped, how they entangle with their use in architecture, and what happens when materials come together in buildings. Guided research projects will be supported by both theoretical and practical course content.

Content**Learning Outcomes**

By the end of the course, the student must be able to:

- Explore the agency of different materials and the ramifications of using them in their design
- Conduct guided research on an aspect of materiality
- Use architectural tools to depict research findings
- Interpret a building's joints or details in terms of priorities for construction and what this means for the life of the building and its eventual disassembly

Transversal skills

- Demonstrate the capacity for critical thinking
- Take account of the social and human dimensions of the engineering profession.
- Access and evaluate appropriate sources of information.

Assessment methods

Performance in the course is continually assessed on the basis of a group project and a reading presentation.

Reading presentation 20%

Research project, group project + individual justification statement 80%

Supervision

Office hours	Yes
Assistants	Yes
Forum	No