### MATERIALITY IN ARCHITECTURE

<table>
<thead>
<tr>
<th>Master’s degree</th>
<th>Master’s degree in Architectural Design</th>
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<tbody>
<tr>
<td>Academic year</td>
<td>2017-2018</td>
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<tr>
<td>Módule</td>
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<tr>
<td>Materia</td>
<td>Theory, critical and history of architecture</td>
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<tr>
<td>Subject type</td>
<td>Compulsory</td>
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<tr>
<td>Crédits (ECTS)</td>
<td>6</td>
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<tr>
<td>Language</td>
<td>English</td>
</tr>
<tr>
<td>Semester</td>
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</tr>
<tr>
<td>Calendar</td>
<td>23-28 oct (27 free), 6-11 nov (10 free)</td>
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<tr>
<td>Classroom</td>
<td>5</td>
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<tr>
<td>Professor</td>
<td>Ákos Moravánszky</td>
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<tr>
<td>Coordinating professor</td>
<td>Juan Miguel Otxotorena</td>
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### INTRODUCTION

It intended that students develop an advanced knowledge of the schools of thought and critical thinking in architecture. This objective is being achieved through historical, political, social and cultural study of the architectural processes.
PROGRAMME

The aim of this course is to discuss the concept of materiality in architecture discourse on an advanced level. Materiality is traditionally understood as the technical aspect of architecture. But materials play an important role in the sensual perception of our environment, they actively shape our relationship to our spatial and cultural surroundings. Architects increasingly recognize that they need a theory of the material world to understand how a material connects issues of geography, geology, technology, aesthetic theory, cultural history or phenomenology with architectural design.

In this course, we will search for approaches in discussing the specific nature of materiality. We will analyze and compare the most important positions in architecture, connected to different solutions in the practice of architectural design, such as the notion of “truth to materials”, and the opposite concept of material transformation: the transfer of form from one material (e.g. textile) to another (e.g. brick or stone). We will analyze and evaluate buildings by architects such as Otto Wagner, Jože Plečnik, Peter Zumthor, Peter Märkli, Herzog & de Meuron or David Chipperfield from the aspect of such metamorphic processes. The participants of this course will investigate selected examples from this particular perspective. Questions of the visualization of materiality (photography, drawing, collage, rendering) will be addressed.

Through lectures, selected readings, seminar sessions, student presentation and discussion the course will examine current theoretical approaches to materiality in architecture from a trans-disciplinary perspective, highlight the concept’s significance to the understanding of architecture as both material object and material practice; and encourage links with the practice of architectural design.

TIMETABLE

23.10.2017
INTRODUCTION. Why ‘materiality’ matters
Session 1
Introduction to the course
Introduction of the participants
Distribution of texts/seminar reader
Discussion
Reading

24.10.2017
MATERIALS AND MEANING.
Session 2
Iconography/Iconology of materials
Presentations and discussion
Reading
Further reading

25.10.2017
PATHS TO MATTER
Session 3
Philosophy, aesthetics and materiality in architectural history
Presentations and discussion.
Reading

26.10.2017 THE MATTER OF NATURE
Session 4
Architecture as “the building of the Earth”. Gaudí, Schwarz, Sáenz de Oiza.
Presentations and discussion.
Reading

28.10.2017 THE ELEMENTS OF ARCHITECTURE
Session 5
The four elements in Western thinking. The idea of the primitive hut. Semper and the four elements of architecture.
Presentations and discussion.
Discussion of the assignment
Reading

6.11.2017 TRUTH TO MATTER
Session 6
The identity of materials. British and American theories of material truth and transcendentalism
Presentations and discussion
Reading

7.11.2017 THE LIFE OF FORMS IN MATTER
Session 7
Theories of evolution and architecture. Mimesis, imatiation, metamorphosis.
Presentations and discussion
Reading

8.11.2017 THE THEORY OF METAMORPHISM
Session 8
Gottfried Semper’s theory of Stoffwechsel
Presentations and discussion.


9.11.2017  THE PRINCIPLE OF DRESSING
Session 9
The dualism of core and cladding. Bötticher versus Semper.
The program of tectonic as a call to order.

Presentations and discussion.


11.11.2017  IMMATERIALITY. CONCLUSIONS
Session 10
Ephemerality, informe, atmospheres.

Presentations and discussion.


SEMINAR SESSIONS
The seminar sessions are connected to the lecture topics. Students will present short case studies to the general topic, focusing on one building or comparing two examples. They are encouraged to develop visual methods of analysis. A selection of proposed case studies will be compiled, but participants are welcome to propose other examples.

EVALUATION
The final grade will be given on the basis of the presentation, participation in the discussions and a brief (1-2 pages) written or drawn analysis of the selected example.
If a student fails to submit the coursework by the due date the final mark will be Not presented

Todos los trabajos se deben enviar escaneados -incluyendo la firma del tutor- en la fecha señalada por el profesor al correo electrónico mda@unav.es poniendo en el asunto: Paper Nombre del alumno + nombre del profesor que ha impartido el curso.
Una vez recibidos los trabajos, en secretaría se dejará constancia oficial de dicha entrega y se enviará al profesor correspondiente.