Basic data subject	
Academic unit:	**Faculty of Architecture, Design and Wood Technology**
Program:	**Interior Architecture and Furniture Design**
Course title:	**Materials in the Interior**
level:	**Bachelor**
Course status:	**Mandatory**
Year of studies:	**I**
Number of hours per week:	**3**
Value on credit - ECTS:	**6**
Subject teacher:	
Contact details:	
Course description:	The course deals with basic knowledge about the main materials applied in Interior and Exterior; including raw materials and auxiliary materials. Physical, mechanical and aesthetic and ecological characteristics of materials. Solid wood, its characteristics and use. Natural materials and variety of industrial ones. Wood panels. Wood-based tiles. Carpentry and fiber boards; types and uses. Metal and plastic materials. Clothing materials (textiles). Natural and artificial skins. Upholstered furniture filling materials. Metal and plastic accessories. Other non-timber materials. Architectural use of different materials in the Interior and their limitations.
Course objectives:	The course aims to prepare students with the necessary knowledge of materials used in the interior. Focuses on the types of natural and artificial (industrial) materials and their application. Features and their place-use. Their aesthetic, physical and mechanical qualities, including economic and ecological aspect. Comparison and alternative solutions.
Expected learning outcomes:	• At the end of the course the student should know: • Identifying characteristics of aesthetics, quality and use of treated materials; • Wood-based materials (wood panels, wood panels, MDF; melamine and veneer);

	• Organic materials and variety of industrial ones; • Different types and applications of glass and plexiglass. Statements and their application; • Various accessories applied in the production of furniture; • Interior clothing materials such as: leathers, fabrics, textiles; • Materials for the frames of "upholstered furniture" upholstery, springs, belts; • Filling materials; their aesthetic, elastic, hygienic, ecological properties, etc.; • • The use of materials in the Interior and their physical, mechanical, aesthetic, ecological properties.

Contribution to student workload corresponding to student learning outcomes

Activity	**Hours/Day**	**Week**	**Total**
Lectures	2	14	28
Theoretical / laboratory exercises	1	14	14
Practical work	3	1	3
Contacts with the teacher / consultations	1	10	10
Field exercises	3	2	6
Test			
Homework	4	2	8
Student's own study time (in the library or at home)	4	12	48
Final preparation for the exam	4	8	32
Time spent on assessment (final exam)	1	2	2
Projects, presentations, etc.	1	1	1
TOTAL			**152**

Teaching methodology:	Lectures and exercises combined with case studies
Evaluation method:	Seminar paper (Project Course) 30% Final exam 70% The exam is held with open questions
Literature	

Basic literature:	1. Addington, D. Mishele; Schodek, Daniel L.: Smart Material and Technologies for the Architecture and Design Professions, Architectural Pres/Eslevier: Oxford, 2004 2. J. Rosemary Riggs. Materials and Components of Interiors Architecture (Eighth Edition); Diomoshi S, Konica A, Materiale ndihmëse në industrinë e drurit (1998)
Additional literature:	1. Smart Materials in Architecture, Interior Architecture and Design, Riter, A. 2. Myer Kutz, Applied Plastics Engineering Handbook; Processing, Materials and Anplicaton, Second Edition 3. Lato E, Quku D, Studim druri (Struktura makroskopike dhe vetitë e drurit) 2008

Designed lesson plan:	
Week	**The lecture to be held**
First week:	**Massive wood and its physical-mechanical properties**
Second week:	**Glued wood panels**
Week third:	**Technical and decorative veneer. plywood**
Week four:	**Carpentry boards, OSB**
Week fifth:	**Fiber boards: MDF, HDF**
Week sixth:	**Metal materials in the interior; skeletons and springs**
Week seven:	**Plastic materials and their application**
Week eight:	**Filling materials**
Week ninth:	**Clothing materials; TEXTILES**
Week ten:	**Natural and artificial skins**
Week eleven:	**Plexiglas, glass and mirrors**
Week twelve:	**Metal, plastic, electrical accessories and their combination**
Week thirteen:	**Ceramics, marble and granite**
Week fourteen:	**Other industrial materials**
Week fifteen:	**New materials in architectural design**

Academic policies and etiquette:

Regular attendance, keeping calm and active engagement in dialogue during lectures and exercises is mandatory.