

Basic subject data	
Academic Unit:	Faculty of Architecture, Design and Wood Technology
Program:	Green Architecture and Interior Design
Subject title:	Eco Materials and Interior Accessories
Study level:	Master
Subject status:	Mandatory
Years of study:	I
Number of hours per week:	3
Value of credits - ECTS:	6
Lecturer of the subject:	Prof. Assoc. Dr. Muhamet Ymeri
Contact details:	muhamet.ymeri@ushaf.net
Subject description:	
	<p>The course deals with the basic knowledge about the main materials applied in Green Architecture, dealing mainly with the materials used in the interior. Focuses on the types of eco-based materials that are based on the principles of sustainable development and analyzes their characteristics, place-use, aesthetic, physical, mechanical qualities; including the architectural, ecological, health and economic aspects; advantages of their use, comparison and alternative solutions. The course deals with all eco-friendly materials, and the range of other materials but carefully analyzing the elements that affect the ecological aspect. Constructive materials for interior, upholstery materials (textiles) and furniture fillers are treated. The range of accessories is analyzed, from traditional ones, metal and plastic, advanced electrical mechanisms, new trends, various combinations; to focus on the advantages that have the part of accessories that are produced considering the ecological aspect and health protection. The constituent elements of materials and accessories (raw materials and auxiliary materials used for their</p>
Purpose of subject:	
	<p>The course aims to prepare students with knowledge about the main ecological materials and the wide range of other wood-based materials; materials that are widely used in the interior as well as various accessories used for the production of furniture. It aims to inform students on a scientific basis (theoretical and practical) about ecological materials of their importance and to encourage them to use and</p>

Expected learning outcomes:	At the end of the course the student should know: Identifying architectural, qualitative, aesthetic characteristics and costs of treated materials. Ecological materials as a whole, wood-based materials (wood panels, carpentry tiles, MDF; melamine and veneer). Organic and industrial materials. Various plastic materials. Different types and applications of glass. Statements and their application. Constructive materials for interior, dressing materials (textiles) and furniture fillers. Materials for "upholstered furniture" upholstery, springs; their ecological, aesthetic, elastic, hygienic properties, etc. Traditional accessories (various applied in the manufacture of furniture), metal and plastic their various combinations, advanced electrical mechanisms, new trends. The advantages of accessories that are produced with a focus on the ecological aspect and health protection. The logical flow of their production from raw material auxiliary
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Contribution to student workload			
Activities	Hours	Days/week	Total
Lectures	3		
Theoretical / laboratory			
Practical work	4	4	
Contacts to the Lecturer /	1	10	10
Field exercises		6	
Tests, student seminars Home work Time of self-study (in the	3	11	33
Final preparation for the exam Time spent in assessment (tests, quiz, final exam)	2	10	20
Projects, presentations, etc. Lectures	2	1	2
Theoretical / laboratory exercises	2	1	2
Total			149
Teaching methodology:	Lectures combined with concrete examples		
Assessment methods:	Course Project 30%. Final exam 70%		
Literature			
Basic literature:	1. Dimoshi S. Materialet ndihmëse në industrinë e drurit		

Additional literature:	<p>2. J. Rosemary Riggs. Materials and Components of Interiors Architecture (Eighth Edition);</p> <p>3. R. Bruce. Hoadley Understanding wood R. Bruce. Hoadley A Craftsman's Guide to Wood Technology</p> <p>4. Materials for Inspirational Design by Chris</p>
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Designed plan of teaching:

Weeks	Lecture to be held
Week 1	Ecological materials and the importance of their use
Week 2	Elements of solid wood and ecological aspects
Week 3	Technical and decorative veneer as well as application.
Week 4	Glued wood panels. Types of parquet
Week 5	Wood-based materials used in the interior. Inappropriate elements to avoid
Week 6	Metal materials in the interior, skeletons and springs
Week 7	Plastic and thermoplastic materials and ecological
Week 8	Furniture upholstery and filling materials and ecology
Week 9	Other interior materials, glass, mirrors, ceramics, etc.
Week 10	Other ecological materials and new trends
Week 11	General knowledge about Finite Element Method, rods
Week 12	Gloves, hinges and fastening mechanisms
Week 13	Sliding mechanisms and other furniture accessories
Week 14	Advanced electrical systems and mechanisms
Week 15	Discussions; presentation and evaluation of student

Academic Policies and Rules of Conduct:

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