Basic subject data	
Academic Unit:	**Faculty of Architecture, Design and Wood Technology**
Program:	**Green Architecture and Interior Design**
Subject title:	**Architectural Constructions**
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. As. Dr. Ramadan Topuzi**
Contact details:	**ramadan.topuzi@ushaf.net**
Subject description:	The course deals with basic knowledge about constructions. Rheological characteristics of materials. Realization of various constructions; especially solid wood constructions, furniture constructions, other constructions in the interior: such as suspended ceilings, wall coverings, floor laying. Connections and grips of different elements and their durability. Technical aspects of interior treatment in terms of realization of constructions on existing surfaces. Assess their quality and careful and professional interventions. Constructions with recyclable and ecological materials.
Purpose of subject:	The course aims to prepare students with knowledge about the constructive elements of buildings and focuses on elements of the interior, mainly: walls and their treatment, wall coverings, floor and ceiling. Constructive aspects of the apartment and its constituent alcoves (including furniture) with a focus on ecological materials.

Expected learning outcomes:	Upon successful completion of the course, the student will be able to: Evaluate the different constructions of buildings. To design and apply various constructions in the interior, including structures, coatings on existing surfaces, furniture, stairs, doors, windows, etc., considering efficient methods of using appropriate materials. Analyze rheological characteristics related to the principles of constructions. To be oriented towards new trends in the realization of constructions with a focus on recyclable and ecological materials based on the principles of sustainable development.

Contribution to student workload			
Activities	**Hours**	**Days/week**	**Total**
Lectures	3		
Theoretical / laboratory	4		
Practical work	4	2	8
Contacts to the Lecturer /	1	10	10
Homework			
Time of self-study (in the	2	15	30
Final preparation for the exam Time spent in assessment (tests, quiz, final exam)	3	1	3
Projects, presentations, etc. Lectures	3	1	3
Theoretical / laboratory	2		
Total			**149**
Teaching methodology:	Lectures combined with concrete examples		
Evaluation methods:	Seminar paper (Project Course) 50% Final exam 50%		
Literature			
Basic literature:	1. Binggeli C., Building systems for interior designers, 2nd ed. 2. 1. Pojani N., Shkenca e konstruksioneve, vëllimi 1, (2013) 3. Pojani N., Shkenca e konstruksioneve, vëllimi 2, (2013)		

Additional literature:	1. Batoz J.L., Dhatt G., Modélisation das structures par éléments finis, Hermes, 2002 2. Giordano G., Ceccoti A., Uzielli L., Tecnica delle construzioni in legno, Hoepli, Milano 2003 3. Uzielli L., Il manual del legno strutturale,

Designed plan of teaching:	
Weeks	**Lecture to be held**
Week 1:	Types of buildings and their structural elements
Week 2:	Mechanical and rheological characteristics, loads and modulus of elasticity
Week 3:	Elements of wooden structures, solidity and deformation
Week 4:	Classification of wooden elements, wood-based materials and ecological materials for constructions
Week 5:	Constructive carpentry ties (fasteners) of wooden elements, tiles, etc., different combinations
Week 6:	Solid wood furniture constructions
Week 7:	Tiled furniture constructions
Week 8:	Upholstered furniture and comfort
Week 9:	Doors, windows and stairs
Week 10:	Treatment of existing interior surfaces with ecological materials based on the principles of sustainable
Week 11:	General knowledge about Finite Element Method, rods and beams
Week 12:	Buildings with wooden structure and ecological materials
Week 13:	Dry systems in the interior, construct and fix on existing surfaces
Week 14:	Application software for constructions
Week 15:	Course Project Submission and Acceptance

Academic Policies and Rules of Conduct:
Regular attendance, keeping calm and active engagement in dialogue during lectures and exercises is mandatory.