Basic course data	
Academic unit:	**Faculty of Architecture, Design and Wood Technology**
Program:	**Interior Architecture and Furniture Design**
Course title:	**Space Planning and Interior Design Techniques**
level:	**Bachelor**
Course status:	**Mandatory**
Year of studies:	**II**
Number of hours per week:	**3**
Value on credit - ECTS:	**6**
Subject teacher:	
Contact details:	
Course description:	The course covers knowledge about interior space planning based on basic design rules, strictly respecting technical standards. Planning and application of technical solutions in the Interior. Planimetric organization and implementation of standards. Technical-constructive elements in the Interior. Treatment of surfaces (walls, ceiling and floor) in the Interior. Interior height planning as well as analysis of door and window space. Environmental survey plan. Measurement methods for relevant spaces, positioning (assembly) of furniture and other interior products: produced based on preliminary measurements based on general anthropometric and ergonomic dimensions. Finalization of the project and assembly or final delivery.
Course objectives:	The course aims to prepare students with the necessary knowledge about interior space planning based on the basic design rules, strictly respecting the technical criteria. It focuses on planimetric organization and the implementation of technical rules according to standards. Technical-constructive elements in the Interior. Planning of heights and treatment of surfaces in the Interior. It also analyzes the technical criteria of various installations.
Expected learning outcomes:	• Interior space planning and technical criteria based on basic design rules;

	• Recognition of technical-constructive elements in the Interior and their main functions; • Planimetric organization and implementation of technical rules according to standards; • Functional planning of the interior through technical-constructive elements; • Planning of heights and treatment of surfaces in the Interior according to technical conditions and available spaces; • Technical criteria of various installations in accordance with standards; • The possibility of predicting interventions at affordable costs in the future.

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	5	15
Contacts with the teacher / consultations	1	10	10
Field exercises	3	2	6
Test			
Homework	3	10	30
Student's own study time (in the library or at home)	2	11	22
Final preparation for the exam	5	4	20
Time spent on assessment (final exam)	1	2	2
Projects, presentations, etc.	1	3	3
Total			**150**
Teaching methodology:	Lectures and exercises combined with case studies		
Evaluation method:	Seminar paper (Project Course) 40% Final exam 60% The exam is held with open questions		
Basic literature:	1. Rosemary Kilmer, W. Otie Kilmer, Designin Interior; Second Edition 2. Sam Kubba, Space Planning for		

	Commercial and Residential Interiors 3. Edward Allen, Architectural Detailing; Function Constructibility Aesthetics 4. Fabio Bianconi • Marco Filippucci Digital Wood Design; Innovative Techniques of Representation in Architectural Design 5. Modern Electronic Instrumentation and Measurement Techniques, John Touliatos; Barry A. Straus 6. Sustainable Construction Techniques
Additional literature:	7. K. Ganesh • Sanjay Mohapatra S. Nagarajan Design and Development of Knowledge Management for Manufacturing 8. Smart Materials in Architecture, Interior Architecture and Design: Axel Riter. 9. Furniture Dizajn (2015) Jerzki Smardzewcki Poznan University of Life Sciences, Poland

Designed lesson plan:	
Week	**The lecture that will take place**
First week:	**Introduction, generalizations about buildings and interiors**
Second week:	**Space in the Interior and planimetric organization**
Week third:	**General knowledge about the technical-constructive elements of the (interior) building**
Week four:	**Professional interventions in the technical-constructive elements for the reconditioning of the space**
Week fifth:	**Treatment of surfaces in the Interior: walls, floor, ceiling**
Week sixth:	**"Cracks" - Analysis of the space of doors and windows**
Week seven:	**Technical criteria (positioning) of electrical and plumbing installations, lighting, ventilation, NHS, heating-cooling equipment**
Week eight:	**Planning of technical solutions in interior design**
Week ninth:	**Environmental survey plan**
Week ten:	**Measurement techniques and preliminary sketches**
Week eleven:	**Drafting of the conceptual project**
Week twelve:	**"Merging" of the survey plan with the conceptual project**
Week thirteen:	**Completion of the project and concrete implementation**

Week fourteen:	**Assembly of furniture and other interior elements, final delivery**
Week fifteen:	**Project presentation**
Academic policies and etiquette:	
Regular attendance, keeping calm and active engagement in dialogue during lectures and exercises is mandatory.	