

Basic data of the subject			
Academic Unit:	Faculty of Architecture, Design and Wood Technology		
Subject title:	Visualization		
Study level:	Master		
Subject status:	Mandatory		
Years of study:	II		
Number of hours per week:	4		
Value of credits - ECTS:	5		
Time / location:			
Lecturer of the subject:	Prof. As. Dr. Rrahim Sejdiu		
Contact details:	rrahim.sejdiu@ushaf.net		
Subject description:	In this subject, the visualization of the interior spaces through various software is treated. Specializing in this area is Autodesk Revit or other visualization programs		
Purpose of subject:	The purpose of the subject is to study the ways and the software's focused on Autodesk Revit, which helps the student to present the visual side according to the market demand.		
Expected learning outcomes:	<p>Upon completion of this module, students will be able to:</p> <ul style="list-style-type: none"> • To visualize an interior space with Autodesk Revit software, • Have basic knowledge in Autodesk Revit software, • Recognize the best prospects that need to be used to visualize an interior space. • Analyze client requests and execute upon request. 		
Contribution to student workload (which should correspond to the students learning outcomes)			
Activity	Hours	Days/week	Total
Lectures	2	12	24
Theoretical / laboratory exercises	2	12	24
Practical work			
Contacts to the Lecturer / Consultations	2	2	4
Field exercises	2	4	8
Tests, student seminars			

Home work	1	15	15
Time of self-study (in the library or home)	3	15	45
Final preparation for the exam			
Time spent in assessment (tests, quiz, final exam)	2	1	2
Projects, presentations, etc.	4	1	4
Total			128
Teaching methodology:	Lectures and combined exercises with case of studies and class discussions.		
Assessment methods:	Final exam evaluated by 100% of the grade. The exam consists of tasks in realization of various 3D planes through Autodesk Revit.		
Literature			
Basic literature:	1. Autodesk Revit 2018 Architecture Conceptual Design and Visualization Imperial: Autodesk Authorized Publisher		
Additional literature:	2. SketchUp 7.1 for Architectural Visualization: Beginner's Guide Revised ed. Edition, Kindle Edition by Robin de Jongh 3. Visualization Techniques (2nd Edition) 2nd Edition by Richard B. Leinbach		
Designed plan of teaching:			
Weeks	Lecture to be held		
Week 1:	Colors and Lighting - Entrance		
Week 2:	Systems and colors standards in the interior		
Week 3:	Color Diagram of the interior		
Week 4:	The psychological impact of colors on the interior		
Week 5:	Background of colors in the interior		
Week 6:	Work with colors in the interior		
Week 7:	Color problems in the interior		
Week 8:	Perception through Lighting, Impact of Illumination in Psychology		
Week 9:	Brightness, color and natural light		
Week 10:	Bulb and other lamps, Photometry		
Week 11:	Lighting control in interior.		
Week 12:	Acoustic principles in interior		
Week 13:	Acoustic planning		
Week 14:	Case studies of realized acoustic projects		

Week 15:	Realizing the practical part with the students where they will be able to see the projects with modern coloring and lighting.
Academic Policies and Rules of Conduct:	
<i>Regular attendance, keeping calm and active engagement in dialogue during lectures and exercises is mandatory.</i>	