

<b>Basic data of the subject</b>	
<b>Academic Unit:</b>	<b>Faculty of Architecture, Design and Wood Technology</b>
<b>Program:</b>	<b>Green Architecture and Interior Design</b>
<b>Subject title:</b>	<b>Lighting, colours and acoustics in interior</b>
<b>Study level:</b>	<b>Master</b>
<b>Subject status:</b>	<b>Mandatory</b>
<b>Years of study:</b>	<b>I</b>
<b>Number of hours per week:</b>	<b>3</b>
<b>Value of credits - ECTS:</b>	<b>5</b>
<b>Time / location:</b>	<b>UASF</b>
<b>Lecturer of the subject:</b>	<b>Prof. Dr. Agron Bajraktari</b>
<b>Contact details:</b>	<b>agron.bajraktari@ushaf.net</b>
<b>Subject description:</b>	
	In this subject we discuss the issues of lighting, colors and acoustics in the interior. Students will have the opportunity to get to know more about these three areas.
<b>Purpose of subject:</b>	
	The purpose of the subject is to study lighting, colors and acoustics in the interior. Begin with the teaching of color systems, the color chart, the psychological impact of colors, the history of colors in the interior, the color work, the color problems, while in the lighting part will be treated perception, psychology, brightness, color, natural light, lamps throttle, photometry, interior lighting control, and acoustics, the principles of acoustics and planning will be studied.
<b>Expected learning outcomes:</b>	
	Upon completion of this module, students will be able to: <ul style="list-style-type: none"> <li>• Analyze and understand the need for space, lighting, and acoustics to be applied,</li> <li>• Calculate the amount of light, colors and acoustics needed for the given space.</li> <li>• Understand the process and recognize all standards of colors, lighting and acoustics.</li> </ul>

	<ul style="list-style-type: none"> <li>Project what space in these three areas.</li> </ul>		
<b>Contribution to student workload (which should correspond to the students learning outcomes)</b>			
Activity	Hours	Days/week	Total
Lectures	2	15	30
Theoretical / laboratory exercises	2	13	26
Practical work			
Contacts to the Lecturer / Consultations	2	2	4
Field exercises	2	4	8
Tests, student seminars			
Home work	4	3	12
Time of self-study (in the library or home)	4	10	40
Final preparation for the exam			
Time spent in assessment (tests, quiz, final exam)	2	1	2
Projects, presentations, etc.	3	1	3
<b>Total</b>			<b>125</b>
<b>Teaching methodology:</b>	Lectures and combined exercises with case of studies and class discussions.		
<b>Assessment methods:</b>	Final exam evaluated by 100% of the grade. The exam consists with a project. The project is for one environment which include the colors, lighting and the acoustics.		
<b>Literature</b>			
<b>Basic literature:</b>	Color in Interior Design (Hardcover)by John Pile, Interior Lighting for Designers, 4th Edition (Hardcover)by Gary Gordon Acoustics and Sound Insulation, 1st Edition by Eckard Mommertz		
<b>Additional literature:</b>	Color for Interior Design Hardcover – May 1,		

	2005 by Ethel Rompilla, Complete Lighting Design: A Practical Design Guide for Perfect Lighting (Quarry Book) Paperback - July 1, 2006 by Marilyn Zelinsky- Syarto (Author)
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<b>Designed plan of teaching:</b>	
<b>Weeks</b>	<b>Lecture to be held</b>
<b>Week 1:</b>	Colors and Lighting - Entrance
<b>Week 2:</b>	Systems and colors standards in the interior
<b>Week 3:</b>	Color Diagram of the interior
<b>Week 4:</b>	The psychological impact of colors on the interior
<b>Week 5:</b>	Background of colors in the interior
<b>Week 6:</b>	Work with colors in the interior
<b>Week 7:</b>	Color problems in the interior
<b>Week 8:</b>	Perception through Lighting, Impact of Illumination in Psychology
<b>Week 9:</b>	Brightness, color and natural light
<b>Week 10:</b>	Bulb and other lamps, Photometry
<b>Week 11:</b>	Lighting control in interior.
<b>Week 12:</b>	Acoustic principles in interior
<b>Week 13:</b>	Acoustic planning
<b>Week 14:</b>	Case studies of realized acoustic projects
<b>Week 15:</b>	Realizing the practical part with the students where they will be able to see the projects with modern coloring and lighting.

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