

The basic data of the subject	
Academic unit:	Faculty of Architecture, Design and Wood Technology
Program:	Green Architecture and Interior Design
The title of the subject:	Sustainable Planning, Design and Development
Level:	Master
The status of the subject:	Mandatory
Year of study:	II
Number of hours per week:	3
ECTS:	5
Professor	Prof.Assoc.Dr. Bashkim Thaçi
Contact	faton.spahiu@ushaf.net
Description of the subject:	
	In this subjects students will gain a knowledge to implement principles of sustainable design into their projects with a main aim to reduce materials with negative impact in the environment by using recycled, reused and reduced materials. The subject will be focused also on UN Sustainable Developments Goals, Agenda 2030.
Purpose of the subject:	
	The aim of the course is to study the process of sustainable planning, design and development. The purposes of subject are to reduce consumption of non-renewable resources, minimize waste, and create healthy and productive environments.
Expected learning outcome:	
	Upon completion of this subject, students will be able to: <ul style="list-style-type: none"> • Gain knowledge about 17 Sustainable Development Goals Agenda of United Nations • Students gain a broad knowledge of the multiple factors in sustainable development; • To gain knowledge of reducing reusing and recycling materials; • With principles of Sustainable Buildings • To make a Sustainability Plan.
Contribution to the student's workload (which should correspond to the student's learning outcomes)	

Activity	Hours	Days/week	Total
Lectures	3	14	42
Theoretical/laboratory exercises			
Practical work	5	2	10
Contacts with the professor/consultations	2	5	10
Other exercises	2	2	4
Test/seminars	4	1	4
Homework	2	10	20
Student study time (in library or at home)	5	5	20
Final preparation for examination	2	4	8
Time spent on assessment (tests, quiz, final exam)	2	2	4
Projects, presentations	3	1	3
Total			125
Teaching methodology:	Lectures and exercises combined with case studies and class discussions.		
Methods of assessment:	40% Practice 60% Final exam		
Literature			
Basic literature:	<ol style="list-style-type: none"> 1. The Sustainable Design Book, May 5. 2015 by Rebecca Proctor. 2. Sustainable Design for Interior Environments Second Edition by Susan Winchip, 2007. 		
Additional literature:	<ol style="list-style-type: none"> 1. Sustainable: Houses with Small Footprints, March 17 - 2015 by Avi Friedman. 2. The Sustainable City- November 21, 2017 by Steven Cohen. 3. Planning for Sustainability , 2013 by Stephen Wheeler. 		
Described Learning Plan:			
Weeks	Lecture to be taught		
Week 1:	Introduction in Sustainable Design		
Week 2:	Understanding the Natural Resources as main impact in our future design		
Week 3:	Renewable and non renewable resources		

Week 4:	17 UN Sustainable Developments Goals
Week 5:	Practice 1
Week 6:	Reduce Materials and Products
Week 7:	Recyclation of Materials
Week 8:	Reuse of Materials and Products
Week 9:	Sustainable Products
Week 10:	Practice 2
Week 11:	Renewable Energy
Week 12:	Sustainable (Passive) house
Week 13:	Sustainable City
Week 14:	Sustainability Plan
Week 15:	Final Project Presentation

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