

**School of Fine Arts Design and Architecture / Architecture (English)**

**2023 - 2024 Academic Year**

**SUSTAINABLE and HEALTHY URBAN DESIGN and PLANNING**

**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
SUSTAINABLE and HEALTHY URBAN DESIGN and PLANNING	ARC2215233	Spring Semester	3+0	3	4
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Elective				
<b>Course Coordinator</b>	Assist.Prof. Mustafa ERDEM				
<b>Name of Lecturer(s)</b>	Assist.Prof. Mustafa ERDEM				
<b>Assistant(s)</b>					
<b>Aim</b>	In this course, we will explore various approaches and concepts in which design, planning, and policy are transforming the way we develop cities towards a healthier, more brilliant, and more meaningful future.				
<b>Course Content</b>	This course contains; How do built and natural environments affect health,Determinants of health,What is a healthy city?,Urban sprawl and public health,Walkability,Land use,City level health indicators ,Midterm exam,Open space (leisure) level health indicators ,Green/Eco roofs ,Healthy ecosystems and sustainable cities ,Urban spaces and urban life,What is a healthy dwelling (home) ?,Smart/healthy homes .				
<b>Course Learning Outcomes</b>		<b>Teaching Methods</b>	<b>Assessment Methods</b>		
Being able to read the structure and problems of the city		10, 16, 37, 9	A, E		
<b>Teaching Methods</b>	10: Discussion Method, 16: Question - Answer Technique, 37: Computer-Internet Supported Instruction, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, E: Homework				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	How do built and natural environments affect health				
2	Determinants of health				
3	What is a healthy city?				
4	Urban sprawl and public health				
5	Walkability				
6	Land use				
7	City level health indicators				
8	Midterm exam				
9	Open space (leisure) level health indicators				
10	Green/Eco roofs				
11	Healthy ecosystems and sustainable cities				
12	Urban spaces and urban life				
13	What is a healthy dwelling (home)?				
14	Smart/healthy homes				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		50			
General Exam		50			

<b>Resources</b>
PowerPoint lecture notes, lecture related academic papers.Sachs, J. D. (2015) The Age of Sustainable Development, New York, NY, USA: Columbia University Press.
Gatrell, A. C. and Elliott, S. J. (2015) Geographies of Health: An Introduction, Oxford: Blackwell Publishers.