

Dentistry			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

## Course Introduction and Application Information

Course Code:	UNI208		
Course Name:	Climate and Action Change		
Semester:	Spring		
Course Credits:	<div>ECTS</div> <div>5</div>		
Language of instruction:	Turkish		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	University Elective		
Course Level:	<div> <div>Bachelor</div> <div>TR-NQF-HE:6. Master`s Degree</div> <div>QF-EHEA:First Cycle</div> <div>EQF-LLL:6. Master`s Degree</div> </div>		
Mode of Delivery:	E-Learning		
Course Coordinator:	Dr. Öğr. Üy. PINAR ÖZUYAR		
Course Lecturer(s):	Pinar Özuyar		
Course Assistants:			

## Course Objective and Content

Course Objectives:	In this course, it is aimed to examine and understand the basic issues related to the environment and climate change by comparing them with current events and to make them interested in the student's own academic programs.
Course Content:	Environment and Climate Change course has begun to affect both our individual daily life, the society we live in and the business world more and more. During the course, subjects related to

natural resources, primarily water and energy, and the consequences of environmental pollution, such as climate change, will be studied. In addition to the global situation on all these issues, current developments for Turkey and Istanbul will also be examined.

## Learning Outcomes

The students who have succeeded in this course;

- 1) Can define what climate change is, its causes and consequences.
- 2) Understand and explain the importance of the basic elements of the environment in terms of daily life and the future, both for the individual and the society.
- 3) Can specify environmental and climate change approaches at global and local level.
- 4) Will be able to explain the basics of the relationship between sustainable development and the environment and climate change.

## Course Flow Plan

Week	Subject	Related Preparation
1)	What is climate change?	To be given in class
2)	Greenhouse Gases and energy use 1	To be given in class
3)	Greenhouse Gases and Energy use 2	To be given in class
4)	The relationship between climate and sustainable development 1	To be given in class
5)	The Relationship between Climate and Sustainable Development 2	To be given in class
6)	Turkey's Climate and Environment Policies' 1	To be given in class
7)	Turkey's Climate and Environment Policies 2	To be given in class
8)	Water Management	To be given in class
9)	Biodiversity and Natural Resources	To be given in class
10)	Zero Waste	To be given in

		class
11)	Concepts 1 : circular economy, natural capital, cradle to cradle, industrial symbiosis, life cycle analysis, etc	To be given in class
12)	Concepts 2 : circular economy, natural capital, cradle to cradle, industrial symbiosis, life cycle analysis, etcg	To be given in class
13)	Living in Istanbul 1	To be given in class
14)	Living in Istanbul 2	To be given in class

## Sources

Course Notes / Textbooks:	Dersde verilecektir
References:	To be given in class

## Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4
Program Outcomes				
1) Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications, and applies evidence-based data to his/her professional practice.				
2) Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.				
3) Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge of disciplines in the field of health, uses it by analyzing and synthesizing it.				
4) Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.				
5) Uses information that will contribute to the dentistry profession during practice, takes responsibility, and produces solutions in unforeseen situations.				
6) Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.				
7) Within the framework of social, scientific, and ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered				

approach.				
<b>Course Learning Outcomes</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
8) Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.				
9) By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.				
10) During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.				
11) Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.				
12) In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society				
13) Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.				
14) Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.				
15) Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.				

### Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications, and applies evidence-based data to his/her professional practice.	
2)	Knows well and effectively uses devices, tools, and materials specific to diagnosis and treatment in the field of dentistry.	
3)	Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge	

	of disciplines in the field of health, uses it by analyzing and synthesizing it.	
4)	Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.	
5)	Uses information that will contribute to the dentistry profession during practice, takes responsibility, and produces solutions in unforeseen situations.	
6)	Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.	
7)	Within the framework of social, scientific, and ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered approach.	
8)	Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.	
9)	By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.	
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11)	Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.	
12)	In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society	
13)	Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.	
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15)	Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.	

## Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution

Homework Assignments	1	% 20
Midterms	1	% 40
Final	1	% 40
<b>total</b>		<b>% 100</b>
PERCENTAGE OF SEMESTER WORK		% 60
PERCENTAGE OF FINAL WORK		% 40
<b>total</b>		<b>% 100</b>

### Workload and ECTS Credit Calculation

Activities	Number of Activities	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Course Hours	14	0	3		42
Study Hours Out of Class	14	0	1		14
Homework Assignments	1	0	12		12
Midterms	1	28			28
Final	1	28	2		30
<b>Total Workload</b>					<b>126</b>