

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

Course Introduction and Application Information

Course Code:	UNI292		
Course Name:	Epidemiology		
Semester:	Fall 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:	Öğr. Gör. KADRIYE UZUN		
Course Lecturer(s):			
Course Assistants:			

Course Objective and Content

Course Objectives:	In this course, it is aimed that the students define the science of epidemiology and have general knowledge about the usage areas of epidemiology.
Course Content:	Lesson; Basic concepts of epidemiology, characteristics of epidemiological research, interaction between agent-environment-human, application areas of epidemiology (infectious diseases,

cardiovascular diseases, cancer epidemiology) are included.

Learning Outcomes

The students who have succeeded in this course;

- 1) The individual has the basic knowledge necessary to fulfill her professional role and responsibilities in meeting the health care needs of the family and society.
- 2) Knows the rights and safety of the healthy/sick individual, as well as his/her legal responsibilities.
- 3) Uses developing technology and innovative approaches together with scientific knowledge in its applications.
- 4) Works collaboratively with the health care team and other disciplines.
- 5) Has the ability to communicate effectively in written and verbal communication with the individual, family, community and team members

Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction to the Course, Purpose of the Course and Learning Objectives	
2)	Epidemiology definition and usage areas	
3)	Epidemiology definition and usage areas	
4)	Epidemiological data sources	
5)	Epidemiological data sources	
6)	Region Population	
7)	Region Population	
8)	Genel Tekrar	
9)	Midterm	
10)	Epidemiological study methods (Cohort Studies)	
11)	Epidemiological study methods (Cross-sectional-Case Control)	
12)	Epidemiological study methods (Methodological Studies)	
13)	Infectious Diseases Epidemiology	
14)	Epidemiology of Non-Communicable Diseases	
15)	final exam	

Sources

Course Notes / Textbooks:	Öğretim Görevlisi Notları
References:	<p>Kubilay G., Emiroğlu N., Baybuğa Subaşı M., Örsal Ö., Kesgin Tokur M. (Ed) Sağlık Bilimlerinde Epidemiyoloji (2017). Göktuğ Basın Yayın ve Dağıtım, Amasya, s. 9-219.</p> <ul style="list-style-type: none"> • 2.Karasar N. Bilimsel Araştırma Yöntemi. 19. Baskı. İstanbul: Nobel Yayın Dağıtım; 2009. • 3.Tezcan S. Epidemiyoloji. Hacettepe Halk Sağlığı Vakfı Yayın No: 92/1, Meteksan A.Ş. Ankara; 1992.

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5
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.					
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.	1	2	3	4	5
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.	
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.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
total		%
PERCENTAGE OF SEMESTER WORK		% 0
PERCENTAGE OF FINAL WORK		%
total		%

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	3	0			0
Laboratory	2	0			0
Study Hours Out of Class	2	0			0
Midterms	1	40			40
Final	1	60			60
Total Workload					100