

COURSE DESCRIPTION FORM			
Course Code and Name	HS 122 Epidemiology		
Course Semester	2		
Catalogue Data of the Course (Course Content)	Contains information on epidemiology and research methods that dentists can use		
Course Textbooks	Temel Epidemiyoloji, Prof.Dr. Sabahat G. Tezcan , Hipokrat Kitabevi 2017. Temel Epidemiyoloji , (Basic Epidemiology), R. Bonita, R. Beaglehole, T. Kjellström, T.C. Sağlık Bakanlığı, Türkiye Sağlık Kurumu , 2009.		
Supplementary Textbooks	Epidemiyoloji, Prof.Dr. Nazmi Bilir, Prof.Dr. Çağatay Güler, Hatipoğlu Yayınları ,1997.		
Credit (ECTS)	1		
Prerequisites for the Course (Attendance Requirements)	The course does not have any prerequisites. The attendance requirement of the student is according to the Education-Training and Examination Directive Gazi University Faculty of Dentistry.		
Course Type	Vocational/Technical Compulsory Course		
Language of Instruction	English		
Course Objectives			
Course Learning Outcomes	To be able to develop knowledge, attitude and behavior in epidemiology and research methods.		
Instruction Method (Face-to-face, Distance education etc.)	This course will only use face-to-face training		
Weekly Schedule of the Course	<p>Week 1: Introduction to Epidemiology</p> <p>Week 2: Usage areas of Epidemiology</p> <p>Week 3: Comparison strategy</p> <p>Week 4: Differences between Observational and Experimental Research</p> <p>Week 5: Descriptive Research</p> <p>Week 6: Analytical Researchs-1 Cross-sectional</p> <p>Week 7: Analytical Researchs-2 Case-control</p> <p>Week 8: Analytical Researchs-3 Cohort</p> <p>Week 9: Clinical researchs-1, Clinical researchs-2</p> <p>Week 10: Methodological researchs-1</p> <p>Week 11: Methodological researchs-2</p> <p>Week 12: Medical surveillance</p> <p>Week 13: Bias and Its control</p> <p>Week 14: Evidence based medicine</p>		
Teaching Activities (The time spent for the activities listed here will determine the amount of credit required)	<p>Weekly theoretical course hours: 1 hour</p> <p>Reading activities: 2 weeks 2 hours</p> <p>Internet search and library work: 2 weeks 2 hours</p> <p>Midterm and revision for midterm: 2 weeks 1 hour</p> <p>Final exam and revision for final exam: 2 weeks 1 hour</p>		
Assessment Criteria		Number(s)	Weight (%)
	Midterm exam	1	60
	Assignment		
	Application		
	Project		
	Practice		
	Quiz		
	Final exam	1	40
Total	2	100	

Workload of the Course	Activity	Number of Weeks	Duration (Weekly Hour)	End of Semester Total Workload						
	Weekly theoretical course hours	14	1	14						
	Weekly practical course hours									
	Reading activities	2	2	4						
	Internet search and library work	2	2	4						
	Designing and implementing materials									
	Making a report									
	Preparing and making presentations									
	Midterm and revision for midterm	1	2	2						
	Final exam and revision for final exam	1	2	2						
	Total workload			26						
	Total workload/ 25			1,01						
Course Credit (ECTS)			1							
Contribution Level between Course Outcomes and Program Outcomes	No	Program Outcomes				1	2	3	4	5
	1	Knows the normal structure and functions of the human body and specifically the structures and teeth in the mouth area on the basis of cells, tissues, organs and systems, and their interactions with each other.								
	2	Defines the causes, formation mechanisms, findings, structural and functional disorders of oral, dental and jaw diseases, and how they affect the organism.								
	3	At a specified level, knows, comprehends, associates and evaluates the symptoms, findings, diseases, conditions and professional practices in the national core education program of dentistry and Gazi University Faculty of Dentistry Extended Education Program.								
	4	Knows how to reach the best current scientific evidence, evaluate its reliability and validity in line with personal learning needs.								X
	5	Knows the legislation on professional legal responsibilities, deontology and ethical principles.								
	6	Knows and makes professional practices in the national core education program of dentistry and Gazi University Faculty of Dentistry Extended Education Program at a determined level.								
	7	Carries out diagnosis, treatment and follow-up processes by prioritizing evidence-based practice, critical thinking and ethical principles.							X	
	8	S/he is aware of own limitations, sets personal learning goals to support own professional development, and directs the patient to the appropriate center when necessary.								
	9	Knows the incidence of diseases in the mouth, teeth and jaws in society, contributes to the prevention and reduction.						X		
	10	While practicing their profession independently, they act in accordance with								

		the laws, regulations, legislation and ethical principles related to own duties and responsibilities.					
	11	Has teamwork and leadership skills, becomes a role model to colleagues and society.					
	12	Plans personal professional development, executes it with the principle of lifelong learning					
	13	Establishes effective written and verbal communication with the patient, patient relatives, other health personnel, society, relevant sectors and the media.					
	14	Follows the innovations in the profession by using foreign language and information communication technologies.					
Lecturer(s) and Contact Information	G.U. Faculty of Medicine, Department of Public Health						