Course Title	Code	Semester	Theoretical (hours/week)	Practice (hours/week)	Laboratory (hours/week)	ECTS
Basıc Epidemiology	HEM 585	2st Semester	2	0	0	5
Prequisites	None					
Course language	Turkish					
Course type	Compulsory Course					
Mode of Delivery	Lecture, Question & Answer, Presentation					
Instructor (s)						
Course objective	This course aims to provide the student with knowledge of using and applying epidemiological research methods, knowing the basic principles of epidemiology.					
Learning outcomes	1. To be able to explain the basic concepts of epidemiology 2. To know the usage areas and data sources of epidemiology 3. To be able to define health and disease measuring 4. To be able to analyze epidemiological research methods and techniques 5. To be able to define customized areas of epidemiology					
References	1. Tezcan, S. Epidemiyoloji, Tıbbi Araştırmaların Yönetimi. Hacettepe Halk Sağlığı Vakfı. Ankara,1992. 2. Yoldaşcan B.E. (Editör) , Enfeksiyon Hastalıkları Hemşireliği ve Epidemiyoloji. Akademisyen Kitabevi. Ankara, 2016. 3. Tezcan, S.G. Temel Epidemiyoloji. Hipokrat Yayınevi, Ankara. 2017 4. Kubilay G., Emiroğlu O.N., Subaşı Baybuğa M., Örsal Ö., Tokur Keskin M. Sağlık Bilimlerinde Epidemiyoloji. Göktuğ yayıncılık, 2019. 5. Bonita R., Beaglehole R., Kjellström T., Temel Epidemiyoloji. DSÖ (2006). T.C. Sağlık Bakanlığı Türkiye Sağlık Kurumu, 2009.					

Course Outline Weekly

Weeks	Topics
Week 1	Introduction to epidemiology, purposes, historical development and areas of use of epidemiology
Week 2	Data sources and commonly used metrics in epidemiology
Week 3	Data sources and commonly used metrics in epidemiology
Week 4	Research methods in epidemiology
Week 5	Research methods in epidemiology
Week 6	Infectious diseases epidemiology
Week 7	Epidemiology of chronic diseases
Week 8	**MIDTERM**
Week 9	Cancer epidemiology
Week 10	Social epidemiology
Week 11	Epidemiological surveillance
Week 12	Good examples of studies that contribute to the development of the science of epidemiology
Week 13	Basic statistics for epidemiological research
Week 14	Basic statistics for epidemiological research
Week 15	**FINAL EXAM**

ECTS (Student WorkLoad Table)

Activities	**Number**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Laboratory			
Practice			
Field Study			
Study Time Of Outside Of Class (Pre-Study, Practice, Etc.)	14	5	70
Presentations (Video shoot/Poster preparation/Oral presentation, Etc.)	1	20	20
Seminars			
Project			
Case study			
Role playing, Dramatization			
Writing articles, Critique			
Time To Prepare For Midterm Exam			
Final Exam Preparation Time	1	10	10
Total Work Load (hour) / 25(s)	128/25=5.12		
ECTS	**5**		

Evaluation System

Mid-Term Studies	**Number**	**Contribution**
Midterm exams		
Quiz		
Laboratory		
Practice		
Field Study		
Course Internship (If There Is)		
Homework’s		
Presentation and Seminar	1	%50
Project		
Other evaluation methods		
Total Time To Activities For Midterm	1	%50
Final works		
Final	1	%50
Homework		
Practice		
Laboratory		
Total Time To Activities For Midterm	1	%50
Contribution Of Midterm Studies On Grades		%50
Contribution Of Final Exam On Grades		%50
Total		100

The relationship between learning outcomes and the program qualifications of the courses						
	Program Qualifications	**Learning outcomes**				
		L.O.1	**L.O.2**	**L.O.3**	**L.O.4**	**L.O.5**
1.	To be able to develop knowledge on the level of expertise.	**5**	**5**	**5**	**5**	**5**
2.	To be able to use theoretical and practical information at the level of expertise.				**3**	
3.	To be able to create new information by integrating information came from another discipline.	**5**	**5**	**5**	**5**	
4.	To be able to solve problems that requires expertise by using scientific research methods.		**4**	**5**	**5**	**5**
5.	At the unforeseen complex situations encountered in applications, to be able to develop new strategic approach and to be able to produce a solution by taking responsibility.	**4**	**3**		**5**	
6.	To be able to transfer current developments and their works to in the field and outside groups as written, verbal and visual in a systematic way.		**4**	**5**	**5**	
7.	To be able to use advanced information and communication technologies with the required level of computer software in the field of expertise, and to be able to translate from English into Turkish.					
8.	To be able to develop strategy, policy and implementation plans about the field of expertise and to be able to evaluate the results obtained within the framework of quality processes.	**3**	**5**	**4**		**5**
9.	To be able to share social, scientific and ethical values by considering them at the stages of data collection, interpretation and announcement in the field of expertise.	**5**	**5**	**5**	**5**	**5**
Contribution to the level of proficiency: 1. Lowest, **2.** Low / Medium, **3.** Average, **4.** High, **5.** Excellent						