Course Syllabus

Code - Course Title	**ARY115 - Research Methods in Health Sciences**
Course Type	I. SEMESTER
Laboratory + Practice	2+0
ECTS	**2.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ÖĞR. GÖR. DR. EMRE ÇÖMLEKÇİ

Mode of Delivery	The mode of delivery of this course is Face to face
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	Statistics
Recommended Resources	None.
Work Placement	Not suitable for this course.
Aims of the Course	The objective is to teach students how to plan, conduct, analyze, and report scientific research in the fields of health and medicine.

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Discussing the terms of "science" and "sciencetific knowledge"	
Week - 2		The scientific method and its stages.	
Week - 3		Research Design and Models.	
Week - 4		Qualitative and Quantitative Research.	
Week - 5		Sampling Methods.	
Week - 6		Types of Measurement and Scales.	
Week - 7		Types of Sources.	
Week - 8		Literature Review.	
Week - 9		Project Writing Techniques.	
Week - 10		Article Writing Techniques.	
Week - 11		Project Reviews.	
Week - 12		Article Reviews.	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Bibliography Writing and Reviews.	
Week - 14		Scientific Research Methods and Ethics.	

Learning Outcomes

#	Learning Outcome
1	Recognizes functions and basic characteristics of scientific method and science.
2	Explains basic characteristics of scientific method.
3	Recognizes specifications of items which are listed in the introduction part of scientific researches.
4	Recognizes the characteristics of items which are included in method part in scientific researches.
5	Explains specifications of data and assessment items in scientific research.
6	Recognizes data collection techniques in scientific research.
7	Explains how summary, judgment, proposal and findings will be presented in scientific research.
8	Explains relation between scientific research and ethic.

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Data Science

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	2.00	14	28
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0.00	0	0
Ödevler	0.00	0	0
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	1.00	14	14
Final Sınavı Hazırlığı (sınav süresi dahil)	1.00	14	14
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**2.0**

Assessment Method and Passing Requirements

✓ Multiple Choice Test

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**