Course Syllabus

Code - Course Title	**ARY550 - Research Methods in Education Sciences**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DOÇ. DR. AYSUN ÇOLAK

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no other course that would be useful for the student taking this course.
Recommended Resources	Büyüköztürk, Ş., Kılıç, E., Akgün, Ö. E., Karadeniz, Ş., & Demirel, F. (2008). Bilimsel Araştırma Yöntemleri. Ankara: Pegem Akademi Yayıncılık.
Work Placement	There is no work placement in this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Science Scientific Research Introduction to Research Methods	
Week - 2		Determination of Research Topic Defining the Problem	
Week - 3		Determination of the Research Sample	
Week - 4		Measurement Levels Measuring Tools Validity and Reliability	
Week - 5		Descriptive Research	
Week - 6		Correlational Research	
Week - 7		Causal-Comparative Research	
Week - 8		ExperimentalResearch	
Week - 9		Single Subject Research	
Week - 10		Statistical Analysis	
Week - 11		Qualitative Research	
Week - 12		ActionResearch	
Week - 13		Reporting the Research	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Ethics in Research	

Learning Outcomes

#	Learning Outcome
1	Will be discuss the basic conteps about science and scientific research.
2	Will be describe the procedure of scientific reaearch.
3	Will be discuss the research methods.
4	Will be explain the preparing the research report.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

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

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	20
Final Exam	1	40
Homework	1	40
	Sum (%)	**100**