Course Syllabus

Code - Course Title	**ARY216 - Research Methods in Education**
Course Type	IV. SEMESTER
Laboratory + Practice	3+0
ECTS	**4.0**
Language of Instruction	Türkçe
Course Type	Required Courses

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite for this course.
Courses Recomended	There is no recommended course.
Recommended Resources	• Büyüköztürk, Ş., Kılıç-Çakmak, E. Akgün, Ö. E., Karadeniz, Ş. & Demirel, F. (2021). Eğitimde bilimsel araştırma yöntemleri (31. Baskı). Pegem Akademi• Creswell, J. W. (2014). Research design: Qualitative, quantitative, and mixed methods approaches. Thousand Oaks, California: Sage.• Fraenkel, J. R., Wallen, N. E., & Hyun, H. H. (2012). How to design and evaluate research in education. New York: McGraw-Hill.• Karasar, N. (1995). Bilimsel araştırma yöntemi: Kavramlar, ilkeler, teknikler. Anı Yayıncılık.• Şen, S. & Yıldırım, İ. (2022). Eğitimde araştırma yöntemleri. Nobel Akademik Yayıncılık.
Work Placement	There is no work placement in this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic Concepts and Principles of Research Methods	
Week - 2		Basic Paradigms in Scientific Research	
Week - 3		Defining the Research Problem and Literature Review	
Week - 4		Sampling Techniques	
Week - 5		Characteristics of Quantitative Research and Data Collection Techniques	
Week - 6		Data Analysis in Quantitative Research	
Week - 7		Survey Research - Correlational Research - Causal Comparative Research	
Week - 8		Experimental Research	
Week - 9		Characteristics of Qualitative Research and Data Collection Techniques	
Week - 10		Qualitative Research Designs	
Week - 11		Action Research	
Week - 12		Mixed-Methods Research	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Writing Research Reports	
Week - 14		Ethical Issues in Educational Research	

Learning Outcomes

#	Learning Outcome
1	Explain basic concepts and principles of scientific research.
2	Explain the basic paradigms at scientific research.
3	Internalize the steps of scientific research process.
4	Discuss ethical issues in scientific research.
5	Evaluate an empirical study.

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.