Course Syllabus

Code - Course Title	**LEE610 - Research Design and Ethics**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. YÜKSEL KOCADORU

Mode of Delivery	Face to face
Prerequisites	This course has no precondition or co-requisite.
Courses Recomended	It is recommended that students taking this course also take UZE635 Mixed Methods Research.
Recommended Resources	Anadolu Üniversitesi Bilim Etiği Kılavuzu, TÜBA Bilim Etiği El Kitabı, Fırat, M. (2022). Karma Yöntem Araştırmaları: yöntembilimde açıklığın yükselişi. Nobel Yayınları
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Knowledge, Science, Social science, Scientific research and science ethics	
Week - 2		Scientific research and science ethics	
Week - 3		Quantitative, Qualitative and mixed method research	
Week - 4		Research Topic Identification and Problem Formulation	
Week - 5		Literature Review	
Week - 6		Purpose, Importance, Scope and limitations of the research	
Week - 7		Quantitative Research Designs	
Week - 8		Qualitative Research Designs	
Week - 9		Mixed Method Research Designs	
Week - 10		Ethical Issues in Scientific Research	
Week - 11		Data Collection Processes	
Week - 12		Data Analysis	
Week - 13		Validity and Reliability	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Reporting Scientific Research	

Learning Outcomes

#	Learning Outcome
1	Explain the terms knowledge, science, scientific knowledge, social sciences and scientific ethics.
2	Compare quantitative, qualitative and mixed method paradigms.
3	Identifies a research topic by formulating an appropriate problem situation.
4	Explains the components that a scientific research should have.
5	Distinguish qualitative, quantitative and mixed method research designs.
6	Explains valid and reliable data collection processes and conditions.

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.