Course Syllabus

Code - Course Title	**UZM900 - Research in Area of Specialization**
Course Type	III. SEMESTER
Laboratory + Practice	7+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Institute Specialization Field Course
Course Instructor(s)	PROFESÖR MUSTAFA AĞATEKİN, PROFESÖR EZGİ HAKAN, PROF. DR. SELVİN YEŞİLAY, PROFESÖR SIDIKA SEVİM, PROFESÖR DUYGU KAHRAMAN

Mode of Delivery	The mode of delivery of this course is Face to face
Place of Delivery	Hybrid
Used Educational Platforms	Face-to-face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Recommended Resources	Karasar, Niyazi — Scientific Research Methods: Concepts, Principles, Techniques
Work Placement	Not Applicable
Aims of the Course	Within the scope of the UZM 900 course, research, examination, and application studies regarding original thesis topics determined by students in the thesis process, in line with their own areas of expertise, are evaluated. It is aimed to develop students' skills in utilizing scientific research methods, reviewing the literature, developing original ideas, transferring theoretical knowledge into practice, and analyzing the findings they obtain. Furthermore, by supporting the progress of thesis studies in accordance with scientific proficiency, originality, and academic ethics principles, it is intended to enhance students' competencies in conducting independent research and carrying out their academic work systematically.

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**	Course Introduction and Planning	Question & Answer, Discussion
Week - 2	**LO-1**	Discussion of activities related to the subject researched within the scope of literature review and thesis study, development of recommendations	Question & Answer, Brain Storming
Week - 3	**LO-1** **LO-2**	Discussion of activities related to the subject researched within the scope of literature review and thesis study, development of recommendations	Observation, Question & Answer, Field Trip
Week - 4	**LO-1** **LO-2**	Discussion of the work to be done within the scope of the thesis study and formulate proposals for the thesis topic	Lecture, Observation, Problem Solving
Week - 5	**LO-1** **LO-2**	Discussing the research problem	Discussion, Field Trip, Brain Storming

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Week - 6	LO-1 LO-2 LO-3	Discussion of research objectives and sub-objectives	Team/Group Work, Brain Storming, Interview
Week - 7	LO-2 LO-3	Discussing the research design	Observation, Field Trip, Brain Storming
Week - 8	LO-3 LO-4	Discussion of the participants / sample of the research	Brain Storming, Interview, Research and Inquiry
Week - 9	LO-3 LO-4	Discussion of data collection tools, preparation and evaluation of data collection tools	Concept Mapping, Practice/Practical Work/Workshop, Research and Inquiry
Week - 10	LO-3 LO-4	Discussion of data collection tools, preparation and evaluation of data collection tools	Field Trip, Problem Solving, Brain Storming, Interview
Week - 11	LO-2 LO-3 LO-4	Discussing data analysis	Discussion, Experiment, Research and Inquiry
Week - 12	LO-3 LO-4	Discussion of the findings	Practice/Practical Work/Workshop, Research and Inquiry, Document/Text/Data Analysis
Week - 13	LO-4 LO-5	Discussion of conclusion and discussion sections	Problem Solving, Brain Storming, Research and Inquiry, Document/Text/Data Analysis
Week - 14	LO-3 LO-4 LO-5	Discussion of the writing of the research report	Brain Storming, Interview, Practice/Practical Work/Workshop

Learning Outcomes

#	Learning Outcome
1	Determines a subject to research.
2	Organizes research according to scientific research principles.
3	Interpret findings with regard to current literature
4	Create predictions with regard to current findings
5	Shares the research findings with a target audience

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Entrepreneurship ✓ Innovation Skills

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

✓ Performance Assessment (Individual/Panel-Based) ✓ Self Assessment ✓ Homework