# DENEME

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| 1 | Course Title: | DENEME | |
| 2 | Course Code: | ADR5169 | |
| 3 | Type of Course: | Compulsory | |
| 4 | Level of Course: | Second Cycle | |
| 5 | Year of Study: | 1 | |
| 6 | Semester: | 1 | |
| 7 | ECTS Credits Allocated: | 3.00 | |
| 8 | Theoretical (hour/week): | 2.00 | |
| 9 | Practice (hour/week): | 0.00 | |
| 10 | Laboratory (hour/week): | 0 | |
| 11 | Prerequisites: | | |
| 12 | Language: | Turkish | |
| 13 | Mode of Delivery: | Face to face | |
| 14 | Course Coordinator: | Prof. Dr. ADNAN GERÇEK | |
| 15 | Course Lecturers: | | |
| 16 | Contact information of the Course Coordinator: | Maliye Anabilim Dalı Öğretim Üyeleri<br>mpyuce@gmail.com<br>0224 294 10 91 | |
| 17 | Website: | | |
| 18 | Objective of the Course: | To gain knowledge and skills related to scientific research in social sciences. To gain skills about scientific research planing, wrinting and presenting, at the same time to use the research tecniques and evaluate the minimum requirements. | |
| 19 | Contribution of the Course to Professional Development: | | |
| 20 | Learning Outcomes: | | |
| | | **1** | To understand the basic concepts and rules of science and scientific method |
| | | **2** | Make the selection of research topic, and to prepare a temporary plan |
| | | **3** | Determine and evaluate the scientific properties of resources |
| | | **4** | To act according to the rules of footnotes and bibliography show |
| | | **5** | Comply with the rules of research ethics, scientific writing style and publşcation ethics |
| | | **6** | Be able to organize the application of the research and analyze it in SPSS, AMOS and similar computer programs |
| | | **7** | To prepare research text according to formal rules on computer |
| | | **8** | |
| | | **9** | |
| | | **10** | |
| 21 | Course Content: | | |

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| | **Course Content:** | |
| Week | Theoretical | Practice |

| | | |
|---|---|---|
| **1** | Basic Concepts Related to Science and Research (Science, Scientific Method, Theory, Paradigm, Research, Types of Research) | |
| **2** | Selection, limitation and provisional planning of the research topic. Collection of resources in scientific research. Scientific qualities of resources. | |
| **3** | Writing of research: Writing style and text, Formal conditions, Transposing texts. | |
| **4** | Writing of the research: Footnotes and rules, Bibliography and rules. | |
| **5** | Research Process, Research Design, Research Strategies and Methods, Causality and Causality Measures, Causal Hypotheses and False Positives. | |
| **6** | Conceptualization and Operationalization, Measurement: Measurement Types, Levels and Quality, Compound Measurement Types. Data Collection Tools. | |
| **7** | Research Methods: Quantitative and Qualitative Methods, Experimental Method, Descriptive Method. | |
| **8** | Content Analysis, Field Survey and Sampling Selection Rationale. | |
| **9** | Parametric Tests with SPSS: t-Test, ANOVA, Correlation, Regression. | |
| **10** | Nonparametric tests with SPSS: Binom test, Chi square test, Mann-Whitney test, Wilcoxon test, Kruskal Wallis test, Friedman's ANOVA test. | |
| **11** | Multivariate Analyzes with SPSS: Cluster Analysis, Factor Analysis, Structural Equation Modeling with AMOS. Research Design and Statistical Test Selection. | |
| **12** | Scientific Research and Ethics, Research Ethics and Ethical Principles. TÜBA Basic Principles of Scientific Truth, YÖK Publication Ethics Directive. | |
| **13** | Ethical Problems and Causes in Scientific Studies. Ethical Violations and Sanctions. | |
| **14** | Reporting of a Scientific Writing and Rules to be Considered. | |

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| **22** | Textbooks, References and/or Other Materials: | Birsen Gökçe, Toplumsal Bilimlerde Araştırma, 6. basım, Ankara: Savaş Yayınevi, 2012<br>Zeynel Dinler, Bilimsel Araştırma ve e-Kaynaklar, 8. basım, Bursa: Ekin Yayınevi, 2015<br>Halil Seyitoğlu, Bilimsel Araştırma ve Yazma El Kitabı, 10. basım, İstanbul: Güzem Yayınları, 2010<br>Niyazi Karasar, Bilimsel Araştırma Yöntemleri, Ankara: Nobel Yayın Dağıtım, 2016<br>Şener Büyüköztürk ve Diğerleri, Bilimsel Araştırma Yöntemleri, Ankara: Pegem Yayıncılık, 2016<br>Ali Balcı, Sosyal Bilimlerde Araştırma, 11. Baskı, Ankara: Pegem Yayıncılık, 2015<br>Yükseköğretim Kurulu, Yayın Etiği Yönergesi, Ankara, 2013<br>Berna Arda, Bilimsel Bilgi Üretiminde Yayın Etiği, ulakbim.gov.tr<br>Şevket Ruacan, Bilimsel Araştırma ve Yayınlarda Etik İlkeler, ulakbim.gov.tr |
| **23** | Assesment | |

| **TERM LEARNING ACTIVITIES** | **NUMBER** | **WEIGHT** |
|---|---|---|

| | | |
|---|---|---|
| Midterm Exam | 0 | 0.00 |
| Quiz | 0 | 0.00 |
| Home work-project | 0 | 0.00 |
| Final Exam | 1 | 100.00 |
| Total | 1 | 100.00 |
| Contribution of Term (Year) Learning Activities to Success Grade | | 0.00 |
| Contribution of Final Exam to Success Grade | | 100.00 |
| Total | | 100.00 |
| Measurement and Evaluation Techniques Used in the Course | | |

## 24 ECTS / WORK LOAD TABLE

| Activites | Number | Duration (hour) | Total Work Load (hour) |
|---|---|---|---|
| Theoretical | 14 | 2.00 | 28.00 |
| Practicals/Labs | 0 | 0.00 | 0.00 |
| Self study and preperation | 14 | 2.00 | 28.00 |
| Homeworks | 0 | 0.00 | 0.00 |
| Projects | 0 | 0.00 | 0.00 |
| Field Studies | 0 | 0.00 | 0.00 |
| Midterm exams | 0 | 0.00 | 0.00 |
| Others | 0 | 0.00 | 0.00 |
| Final Exams | 1 | 32.00 | 32.00 |
| Total Work Load | | | 88.00 |
| Total work load/ 30 hr | | | 2.93 |
| ECTS Credit of the Course | | | 3.00 |

## 25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS

| | PQ1 | PQ2 | PQ3 | PQ4 | PQ5 | PQ6 | PQ7 | PQ8 | PQ9 | PQ10 | PQ11 | PQ12 | PQ13 | PQ14 | PQ15 | PQ16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ÖK1** | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |
| **ÖK2** | 3 | 4 | 4 | 3 | 4 | 5 | 4 | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| **ÖK3** | 4 | 3 | 5 | 5 | 3 | 3 | 5 | 4 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 0 |
| **ÖK4** | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 5 | 0 | 0 | 0 | 0 | 0 |
| **ÖK5** | 5 | 4 | 5 | 5 | 3 | 4 | 4 | 4 | 5 | 5 | 3 | 0 | 0 | 0 | 0 | 0 |
| **ÖK6** | 4 | 4 | 3 | 4 | 5 | 5 | 5 | 4 | 3 | 4 | 4 | 0 | 0 | 0 | 0 | 0 |
| **ÖK7** | 3 | 2 | 2 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |

**LO: Learning Objectives PQ: Program Qualifications**

| Contribution Level: | 1 very low | 2 low | 3 Medium | 4 High | 5 Very High |
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