



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

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|--|---|---|----------------------|--|---|--------------------------------|---|------------|---|
| Course Title | | Scientific Research Methods | | | | | | | |
| Course Code | | MYL554 | | Couse Level | | Second Cycle (Master's Degree) | | | |
| ECTS Credit | 5 | Workload | 130 (<i>Hours</i>) | Theory | 3 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | Purpose of this course is providing an opportunity to establish or advance their understanding of research through critical exploration of research language, ethics, and approaches. | | | | | | | |
| Course Content | | The course introduces the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches. | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Discussion, Individual Study | | | | | |
| Name of Lecturer(s) | | Lec. Gülizar Seda YILMAZ | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 60 |

Recommended or Required Reading

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| 1 | Porta, M. (2014). A dictionary of epidemiology (6th ed). New York, NY: Oxford University Press. |
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| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|---|
| 1 | Theoretical | Introduction |
| 2 | Theoretical | Introducing the set of tools and methods |
| 3 | Theoretical | Research Ethics |
| 4 | Theoretical | Introduction to Quantitative Research, Study Designs and Methods |
| 5 | Theoretical | Analysis and Interpretation of Quantitative Data |
| 6 | Theoretical | Preparation for midterm exam |
| 7 | Intermediate Exam | Midterm exam |
| 8 | Theoretical | Introduction to Qualitative Research, Study Designs and Methods |
| 9 | Theoretical | Analysis and Interpretation of Qualitative Data |
| 10 | Theoretical | Introduction to Mixed Methods Research, Study Designs and Methods |
| 11 | Theoretical | Analysis and Interpretation of Mixed Methods Data |
| 12 | Theoretical | Critical Appraisal of Mixed Methods Research |
| 13 | Theoretical | Article writing process |
| 14 | Theoretical | Article writing process |
| 15 | Theoretical | Article writing process |
| 16 | Final Exam | Final exam |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 4 | 3 | 98 |
| Midterm Examination | 1 | 10 | 1 | 11 |
| Final Examination | 1 | 20 | 1 | 21 |
| Total Workload (Hours) | | | | 130 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 5 |

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

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| 1 | They understand research terminology |
| 2 | Be aware of the ethical principles of research. |
| 3 | Describe quantitative, qualitative and mixed methods approaches to research. |



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| 4 | Identify the components of a literature review process . |
| 5 | Critically analyze published research. |

Programme Outcomes (Finance Master's Without Thesis)

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| 1 | Analyze the functioning of modern public finance |
| 2 | Identify the types of public needs and the mechanisms of their financing. |
| 3 | This course provides both theoretical and empirical background in the area of current fiscal issues, especially in Turkey. |
| 4 | Analysing the advanced macro economic issues on a basis of mathematics and develop the ability of students. |
| 5 | To have knowledge on procedures of taxes. |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 | L4 | L5 |
|----|----|----|----|----|----|
| P1 | 3 | 4 | 4 | 4 | 4 |
| P2 | 3 | 4 | 4 | 3 | 4 |
| P3 | 3 | 4 | 3 | 3 | 4 |
| P4 | 3 | 5 | 3 | 3 | 4 |
| P5 | 3 | 4 | 3 | 3 | 4 |

