



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		EBE543		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	50 ( <i>Hours</i> )	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To learn the principal research methods and to assess the samples							
Course Content		The research process, scientific thinking, basic research methods, differences between qualitative and quantitative methods, subheadings of quantitative research methods, universe and sample relationship, research checklists, basic knowledge of article reading and publishing							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)		Prof. Pınar OKYAY							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Basics of Epidemiology, Sabahat Tezcan
2	Research in Nursery, Semra Erdoğan et al

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Research Methods
2	Theoretical	Basic epidemiology
3	Theoretical	Analytic research methods / Case-control studies (1)
4	Theoretical	Analytic research methods / Case-control studies (2) Case studies
5	Theoretical	Analytic research methods / Cohort studies (1)
6	Theoretical	Analytic research methods / Cohort studies (2) Case studies
7	Intermediate Exam	Theoric exam
8	Theoretical	Analytic research methods / Crosssectional studies
9	Theoretical	Control checklist in observational research
10	Theoretical	Intervention studies (1)
11	Theoretical	Intervention studies (2) / Consort checklist-Case studies
12	Theoretical	Reporting of the research
13	Theoretical	Qualitative research
14	Theoretical	Methodological research
15	Final Exam	Theoretical exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	1	2	39
Midterm Examination	1	4	1	5
Final Examination	1	5	1	6
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Knows the ypes of research
2	Knows the types of the descriptive research



3	Knows the observational research
4	Knows the types and the principals of the Interventional research
5	Methodological research
6	Knows the control checklists for standartization of manuscript writing

**Programme Outcomes (Midwifery Master)**

1	based on midwifery degree level qualifications, to be able to comprehend the theoretical, practical and to-date information at the level of expertise in midwifery, and develop this information.
2	to be able to develop the philosophy of midwifery with information about concepts, theories and principles of midwifery.
3	to be able to define the issues of profession of midwifery, and develop the appropriate strategies of national and international professional in cooperation with legislative bodies.
4	to be able to develop strategies, policies and implementation plans in midwifery, and evaluate the results obtained within the framework of quality processes.
5	to be able to offer midwifery service of the women, family and community health promoting, disease preventive, curative and supportive.
6	to be able to describe and discuss the basic concepts of women, family and community health, the national and international indicators.
7	to be able to comprehend characteristics of all life stages of women, the potential and existing bio-psycho-social problems, and state care requirements, and give evidence-based midwifery care with problem-solving approach.
8	to be able to comprehend statistics, effective uses relevant software, and to be able to select, calculate and interpret statistical methods while doing research
9	to be able to follow evidence-based practices related to professional practice and conduct research to create evidence of their field.
10	to be able to write the report that she has done / participated the research, and publish national / international a refereed journal publications / offer in the scientific meetings.
11	to be able to monitor scientific and technological developments in the area of midwifery, scan literature, critically evaluate and use new information obtained in accordance with the principles of lifelong learning.
12	to be able to make oral and written communication at least one European language portfolio B2 using in a general level.
13	to be able to comprehend the importance of ethical principles and ethics committees for individual and society, and treat according to ethical principles.

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

	L1	L2	L3	L4	L5	L6
P1	5	5	5	5	5	5

