



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Research Methods							
Course Code		EBE532		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	96 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		In this course, scientific research, data collection methods, scientific research planning, stages and types of sampling methods, the use of epidemiological studies of research methods, and procedures of measurement scales, the survey method, sources of error in surveys, literature method of preparing data for analysis, research, report writing method, Note representation of the source and intended learning issues.							
Course Content		Planning of Scientific Research, Stages and Types in the selection of research topics, backward-forward surveys, cross-sectional, descriptive, interventional research, population, sample and sampling methods, survey preparation, measurement and scales, literature, tabular and graphical methods, data types the central distribution measures, chi-square, t-test, study the possible sources of error, the article reading and writing, research ethics, evaluation and analysis of the data obtained from the preparation, research, report writing.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Sümbüloğlu, K (1978), Sağlık Bilimlerinde Araştırma Teknikleri ve İstatistik, Mariş Yayınları, Ankara
2	Aksakoğlu D (1983). Bulaşıcı Hastalıklarla Savaş İlkeleri, Hacettepe Üniv.DSÖ Hiz. Araştırma Merkezi Yayını No:3, Ankara
3	Gülesen Ö (1981). Epidemiyoloji. Bursa Ü. Yayınları No: 23. Üniversite Basımevi
4	Akbulut T., Sabuncu M (1993). Epidemiyoloji Prensip ve Uygulamaları Sistem Yayıncılık, İstanbul
5	Tezcan S (1992). Epidemiyoloji, Tıbbi Araştırmaların Yöntem Bilimi. Halk Sağlığı Vakfı, Meteksan, Ankara
6	Bertan M., Güler Ç (1995). Halk Sağlığı Temel Bilgileri, Güneş Kitabevi
7	Dirican R., Bilgel N (1993) Halk Sağlığı (Toplum Hekimliği) 3. Ed, Uludağ Üni. Basımevi, Bursa
8	Ucvghan,J.P., M R.H (1990). Bölge Sağlık Yönetiminde Epidemiyoloji El kitabı Prof. Dr. Münevver Bertan Dr. Tayfun Enünlü, Dünya Sağlık Örgütü, Hacettepe Üni. Tıp Fak..Halk Sağlığı ABD. Yayın No 90151
9	Güler, Ç., Akın L. (2006) .Halk Sağlığı Temel Bilgiler, Hacettepe Üniversitesi Yayınları, Ankara
10	Aksakaoğlu G (2001). Sağlıkta Araştırma Teknikleri ve Analiz Yöntemleri. İzmir, Dokuz Eylül Üniversitesi Rektörlük Matbaası
11	Sencer, M. ve Sencer, Y (1978). 'Toplumsal Araştırmalarda Yöntem Bilim', Türkiye ve Ortadoğu Amme İdaresi Ens. Yayınları, No: 172, Ankara
12	Karasar, N. (1995). Bilimsel Araştırma Yöntemi, 7. Basım
13	Özdamar K. (2004). Paket programlar ile istatistiksel veri analizi (Çok değişkenli analizler) 2. Yenilenmiş 5. Ed. Kaan Kitabevi, Eskişehir
14	Polit D. F. (1996). Data Analysis& Statistics for nursing Research. Appleton & Lange, New york

Week	Weekly Detailed Course Contents	
1	Theoretical	Planning of Scientific Research, Stages and Types
2	Theoretical	The choice of the research topic
3	Theoretical	Backward-Forward Studies
4	Theoretical	A cross-sectional, descriptive, interventional research
5	Theoretical	Universe, Sampling and Sampling Methods
6	Theoretical	Survey Methods, Processes and Measurement Scales
7	Theoretical	literature Search
8	Intermediate Exam	Midterm exam
9	Theoretical	Table and Graph Method, Data Types, Central Distribution Criteria



10	Theoretical	Possible Error Sources in Research
11	Theoretical	Reading and Writing Article
12	Theoretical	research Ethics
13	Theoretical	The preparation of the assessment and analysis of the data obtained
14	Theoretical	Research Report Preparation
15	Theoretical	Research Report Preparation
16	Theoretical	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	20	2	22
Final Examination	1	30	2	32
Total Workload (Hours)				96
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to reach scientific knowledge and to be able to follow literature
2	To be able to evaluate critically acquired knowledge and skills
3	To be able to develop solutions based on evidence and research in the field
4	To be able to have conceptual and practical knowledge about planning, stages, concluding and presentation of scientific research,
5	To be able to make decision ethically during a research on a related topic about health at all stages
6	To be able to transfer scientific ideas and solutions to problems in written form and orally

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	2	2	2	2	2	2
P2	3	3	3	3		3
P4	4	4	4	4	4	4
P6	5	5	5	5	5	5



P8	5	5	5	5	5	5
P9	5	5	5	5	5	5
P10		4				5
P13					5	

