



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Methods							
Course Code		ÇSH536		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	2	Workload	56 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		This course aims to give information about scientific research methods.							
Course Content		Scientific research plannig, types of researches, determine of research subject, databases, search of literature, synthesis of article, determine of sample size and report of findings.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Büyüköztürk Ş, Özcan E, Karadeniz AŞ, Demirel F, Kılıç E. Bilimsel Araştırma Yöntemleri. Pegem Akademi Yayıncılık, Ankara, 2014.
2	Karasar N. Bilimsel Araştırma Yöntemleri, 2013
3	Bakioğlu A, Kurnaz Ö. Araştırmada Kalite, Nobel Yayın Dağıtım, 2014, Ankara.
4	Sönmez V, Alacapınar FG. Bilimsel Araştırma Yöntemleri. 2013

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Concepts of research
2	Theoretical	Types of Scientific Research
3	Theoretical	Defining the Research Problem
4	Theoretical	Sampling Methods
5	Theoretical	Data Collection
6	Theoretical	Description Method
7	Theoretical	Experimental Method
8	Theoretical	Midterm Examination
9	Theoretical	Reliability and Validity of Measurement Tools
10	Theoretical	Research Design and Selection of the Appropriate Statistical Test
11	Theoretical	Parametric Tests
12	Theoretical	Non-Parametric Tests
13	Theoretical	Reporting
14	Theoretical	Final Exam
15	Theoretical	Evaluation

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Total Workload (Hours)				56
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To be able to define the basic terms related to research techniques
2	To be able to plan a research topic in conformity with scientific research methods
3	To be able to report research topic in conformity with scientific rules



4	To be able to explain the basic terms related to research techniques
5	To be able to report research topic in review scientific rules

**Programme Outcomes (Pediatric Nursing Master)**

1	To be able to comprehend the changing concepts and new applications in the field of pediatric nursing.
2	To be able to comprehend children's health problems; propose solutions and health-related policies
3	To be able to Become aware of the role and functions of pediatric nurses
4	To be able to comprehend the development of a healthy child
5	To be able to Become aware and sensitive about children's rights
6	To be able to Become sensitive about the factors that could affect and change the health and development of children in their daily life.
7	To Be able to identify child care needs, in a holistic and humanistic approach to care giving.
8	To be able to comprehend the importance of lifelong learning and professional development and providing adequate and effective care.
9	To be able to Execute their role adequately and effectively in a health care team.
10	To be able to comprehend care management and rehabilitation of children with life-threatening and chronic diseases.
11	To be able to Execute the art and science of Pediatric Nursing in a evidence-based manner.
12	To be able to Become sensitive to the ethical problems that affect children and their families.
13	To be able to Develop a consciousness of professional nursing.

**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	5	4	4	5	4
P2	2	3	3	2	3
P3	2	2	2	2	2
P4	2	2	2	2	2
P5	2	3	3	2	3
P6	2	3	3	2	3
P7	2	3	3	2	3
P8	5	4	4	5	4
P9	3	3	3	3	3
P10	3	4	4	3	4
P11	4	4	4	4	4
P12	3	3	3	3	3
P13	5	5	5	5	5

