

## SCIENTIFIC RESEARCH IN NURSING

<b>1</b>	Course Title:	SCIENTIFIC RESEARCH IN NURSING	
<b>2</b>	Course Code:	SHC5002	
<b>3</b>	Type of Course:	Optional	
<b>4</b>	Level of Course:	Second Cycle	
<b>5</b>	Year of Study:	1	
<b>6</b>	Semester:	2	
<b>7</b>	ECTS Credits Allocated:	4.00	
<b>8</b>	Theoretical (hour/week):	2.00	
<b>9</b>	Practice (hour/week):	0.00	
<b>10</b>	Laboratory (hour/week):	0	
<b>11</b>	Prerequisites:	None	
<b>12</b>	Language:	Turkish	
<b>13</b>	Mode of Delivery:	Face to face	
<b>14</b>	Course Coordinator:	Prof. Dr. Nurcan Özyazıcıoğlu	
<b>15</b>	Course Lecturers:	Prof. Dr. Nurcan Özyazıcıoğlu	
<b>16</b>	Contact information of the Course Coordinator:	e-posta:nurcanoz@uludag.edu.tr, tlf:02242940668, Bursa Uludağ Üniversitesi, Sağlık Bilimleri Fakültesi, Hemşirelik Bölümü, Çocuk Sağlığı ve Hastalıkları Hemşireliği AD.	
<b>17</b>	Website:		
<b>18</b>	Objective of the Course:	This course aims that students know scientific research methods and research types.	
<b>19</b>	Contribution of the Course to Professional Development:	Contribution to academic development	
<b>20</b>	Learning Outcomes:		
		<b>1</b>	History and significance of nursing research
		<b>2</b>	The use of research in nursing and evidence-based practice models
		<b>3</b>	The use of nursing research in clinical practice
		<b>4</b>	Developing a research spirit and ethics in the nursing profession
		<b>5</b>	
		<b>6</b>	
		<b>7</b>	
		<b>8</b>	
		<b>9</b>	
		<b>10</b>	
<b>21</b>	Course Content:		
		<b>Course Content:</b>	
<b>Week</b>	<b>Theoretical</b>	<b>Practice</b>	
<b>1</b>	Key Concepts Research culture, development of scientific thinking, Nursing and institutional research culture (Challenges and suggestions in creating a research culture)		

2	Historical development of nursing research in Turkey. Similarities and differences between the research process and the nursing process	
3	Application areas of nursing research. Knowledge and power in nursing, a quality approach in research.	
4	The use of research and evidence-based practice models in nursing (John Hopkins evidence-based nursing practice model, Rosswurm-Larnabee model, Parhs model, Iowa model, Stetler model)	
5	Common research types in nursing include: Randomized Controlled Trials, Case-Control Trials; Evidence Types: Cohort Studies, Observation, Systematic Reviews.	
6	Integration of research findings into clinical and patient care.	
7	Research process in nursing (Identifying problems in healthy/sick individual care practices, literature review, data collection, etc.)	
8	Research process in nursing (Identifying problems in healthy/sick individual care practices, literature review, data collection, etc.)	
9	Developing a research spirit among nurses (individual effort, systemic and managerial unit support) and ethics.	
10	Understanding the research process, being able to read and critique published research, and applying the results.	
11	Nursing article review	
12	Nursing article review	
13	Nursing article review	
14	Nursing article review	
22	Textbooks, References and/or Other Materials:	<p>1- Erdoğan S, Nahcivan N, Esin N. Hemşirelikte Araştırma Süreç, Uygulama ve Kritik. Nobel Tıp Kitabevi, 5. baskı. 2024</p> <p>2- Duman JG. Hemşire ve Ebelik Alanında Uluslararası Araştırma ve Değerlendirmeler. Yayınevi: Serüven Yayınevi, 2024</p> <p>3- Hemşirelik ve Sağlık Bakımı Profesyonelleri için Araştırma ve Kanıta Dayalı Uygulamaya Giriş. Yazar: Jeremy Jolley, Çeviri Editörü: Sultan Ayaz. Yayınevi: Nobel Akademik Yayıncılık – 2014</p> <p>4- İnci Erefe (Editör). Hemşirelikte Araştırma (İlke, süreç ve yöntemleri), İstanbul, 2004</p> <p>5- Özsoy S (Editör). Nitel Araştırma Hemşirelik Alanından Örnekler. Çukurova Nobel Tıp, 2021.</p> <p>6- Ellis P. Understanding Research for Nursing Students. Yayıncı : ? Learning Matters; 6th ed. Basım, 2025</p> <p>7- Can, G., &amp; Akyüz Özdemir, F. (2023). Hemşirelikte Kanıta Dayalı Bakım ve Araştırma Süreci. Sağlık Bilimleri Üniversitesi Hemşirelik Dergisi, 5(3), 245-252.</p> <p>8- Chen, Q., Li, Z., Tang, S., Zhou, C., Castro, A. R., Jiang, S., ... &amp; Xiao, J. (2022). Development of a blended emergent research training program for clinical nurses (part 1). BMC nursing, 21(1), 2.</p>
23	Assesment	
<b>TERM LEARNING ACTIVITIES</b>		<b>NUMBE R</b>
		<b>WEIGHT</b>

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	Students are evaluated based on their interest in the course, preparation, performance, and the final exam.	
<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>	

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	4.00	56.00
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	36.00	36.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

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	5	0	5	4	5	5	0	4	4	5	0	0	0	0	0	0
ÖK2	5	5	5	5	5	5	5	5	1	5	0	0	0	0	0	0
ÖK3	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0
ÖK4	5	4	5	5	5	4	5	5	5	4	0	0	0	0	0	0
<b>LO: Learning Objectives PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>			<b>2 low</b>			<b>3 Medium</b>			<b>4 High</b>			<b>5 Very High</b>			