

Nursing Research Methodology

SCHOOL			
SCHOOL	SCHOOL OF HEALTH SCIENCES		
DEPARTMENT	NURSING DEPARTMENT		
LEVEL OF EDUCATION	UNDERGRADUATE – (bachelor’s degree)		
LESSON CODE	0805.4.003.0	SEMESTER	4th
LESSON TITLE	NURSING RESEARCH METHODOLOGY		
SELF-ENDED TEACHING ACTIVITIES		TEACHING HOURS / WEEK	CREDITS
Theory		3	
Tutoring			
Practical Workshop			
Clinical Placement			
Total		3	4
COURSE TYPE:	COMPULSORY		
PREREQUISITE COURSES:	NO		
LANGUAGE (S) OF INSTRUCTION/EXAMINATION:	GREEK		
THE COURSE IS OFFERED TO ERASMUS STUDENTS:	NO		
ELECTRONIC COURSE PAGE:	https://eclass.hmu.gr/courses/NURS173/		
Learning Results			
<p>The purpose of the course is to acquaint the student with the concept of scientific research and to inform him about the basic design principles of the research protocol and epidemiological studies.</p> <p>After successful completion of the course students will be able to:</p> <ul style="list-style-type: none"> • recognize and understand the concept and importance of research for Nursing Science • recognize its types (quantitative and qualitative approach) • know the types of studies • apply the types of research design and implementation using qualitative, quantitative or mixed design methods • know the importance of designing the research protocol • apply the principles of designing a research protocol • design and use a data collection tool • recognize the types of sampling • recognize the strengths and limitations of a study 			
General Skills			

Generating new research ideas, Designing and managing projects, Promoting free, creative and inductive thinking, Searching, analyzing and synthesizing data and information, also using the necessary technologies, Making decisions							
Course content - Theory outline							
1 st week	Introduction to the concept of scientific research – Its purpose and types (quantitative and qualitative approach)						
2 nd week	Importance and design of the research protocol						
3 rd week	Introduction to the types of epidemiological studies						
4 th week	Research ethics in Health Sciences						
5 th week	Prevalence studies						
6 th week	Patient-control studies						
7 th week	Prospective studies						
8 th week	Randomized clinical trials						
9 th week	Methodology of the systematic review						
10 th week	Use of research tools						
11 th week	Sampling types and design – Sample size						
12 th week	Strengths and limitations of the study						
13 th week	Practical implementation of protocol design principles						
TEACHING and LEARNING METHODS – EVALUATION							
TEACHING METHOD	Lectures using power point software. Interactive communication with the students about their own questions in relation to the field of scientific research.						
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Electronic slide show. Use of the e-class electronic platform to store presentations in digital format for easy access by students. Simultaneously with the use of the same platform, frequent communication with students for actions related to the educational process.						
TEACHING ORGANIZATION	<table border="0" style="width: 100%;"> <tr> <td style="text-align: left;">Activity</td> <td style="text-align: right;">Semester Workload</td> </tr> <tr> <td>Lectures (total 13X3)</td> <td style="text-align: right;">120</td> </tr> <tr> <td colspan="2">Total Course: 39</td> </tr> </table>	Activity	Semester Workload	Lectures (total 13X3)	120	Total Course: 39	
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Lectures (total 13X3)	120						
Total Course: 39							
STUDENT EVALUATION	100% from written final exam (Multiple Choice Test/Short Answer Questions/Questions)						
RECOMMENDED BIBLIOGRAPHY (into Greek Language)							
<ul style="list-style-type: none"> • Bowling A. Μεθοδολογία Έρευνας στην Υγεία (2013). Εκδόσεις Broken Hills Publishers. • Rose Marie Nieswiadomy Νοσηλευτική Έρευνα - Βασικές Αρχές (2012) Εκδόσεις Λαγός. 							