UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Promozione della Salute, Materno-Infantile, di Medicina Interna e Specialistica di Eccellenza "G. D'Alessandro"
ACADEMIC YEAR	2017/2018
BACHELOR'S DEGREE (BSC)	NURSING
INTEGRATED COURSE	NURSING RESEARCH METHODOLOGY - INTEGRATED COURSE
CODE	15891
MODULES	Yes
NUMBER OF MODULES	2
SCIENTIFIC SECTOR(S)	MED/45, SECS-S/02
HEAD PROFESSOR(S)	CORRAO SALVATORE Professore Ordinario Univ. di PALERMO
OTHER PROFESSOR(S)	CORRAO SALVATORE Professore Ordinario Univ. di PALERMO BARONE STEFANO Professore Associato Univ. di PALERMO
CREDITS	7
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	2
TERM (SEMESTER)	2° semester
ATTENDANCE	Mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	**BARONE STEFANO** Monday 11:00 13:00 Aula M - presso il Dipartimento di scienze agrarie, alimentari e forestali, viale delle scienze, Palermo, edificio 4, sezione Coltivazioni Arboree. Piano terra. Wednesday 11:00 13:00 Aula M - presso il Dipartimento di scienze agrarie, alimentari e forestali, viale delle scienze, Palermo, edificio 4, sezione Coltivazioni Arboree. Piano terra. **CORRAO SALVATORE** Monday 9:00 13:00

DOCENTE: Prof. SALVATORE CORRAO

PREREQUISITES	Basic knowledge of English (written) . Basic Knowledge of statistics. Basic Knowledge of Computer Science.
LEARNING OUTCOMES	Knowledge and understanding . Understanding the role of the nurse in medical research , specifically for the nursing , and methods to conduct research and / or analyze it critically . Applying knowledge and understanding. Writing a research protocol ; identification of the various parts of a scientific publication ; interpreting the results of a search . Making judgments . Identification of needs in the field of nursing research and development of the capacity for critical evaluation of the scientific literature . Knowing how to use research results for decision -making in clinical nursing practice . Communication skills . Knowing how to submit the protocol and / or the results of a search. learning ability . Development of critical thinking and self-learning capabilities from the information Biomedical .
ASSESSMENT METHODS	Multiple-choice written test made of 31 questions. One point for each correct answer.
TEACHING METHODS	Frontal lessons and in classroom exercises.

MODULE
NURSING RESEARCH METHODOLOGY

Prof. SALVATORE CORRAO

SUGGESTED BIBLIOGRAPHY

Polit D.F., Tatano Beck C. Nursing Research. Principles and Methods. LippincottWilliams & Wilkins. 2004
Sironi C. Introduzione alla Ricerca Infermieristica. I fondamenti teorici e gli elementi di base per comprenderla nella realta' italiana. Casa Editrice Ambrosiana. 2010

AMBIT	10307-Scienze infermieristiche
INDIVIDUAL STUDY (Hrs)	60
COURSE ACTIVITY (Hrs)	40

EDUCATIONAL OBJECTIVES OF THE MODULE

At the end of the course the student will develop skills in research and will be able to realize a research project and hone their decision-making skills in clinical practice using "evidence based".
Recognize the elements that characterize the evolution of nursing research.
Know the phases of the research process and identify the research designs in the national and international literature.
Identify problems from which it is possible to formulate research questions concerning the scope nursing issues.
Search, select and evaluate the results of nursing research or interest in the field of nursing.

SYLLABUS

Hrs	Frontal teaching
2	key concepts and terms of qualitative and quantitative research:
2	The research Protocol and search products
2	The roles in a research project
2	The "setting". Phenomena, concepts and constructs. Theory and conceptual models.
2	Definition of concepts and variables
2	BIAS. Counfounding
2	internal validity and generalizability
2	Types of study and research process applied to qualitative and quantitative studies.
2	Review of the literature
2	research question and hypothesis to be tested
2	conceptual models used in nursing research
4	Designs for the search Nursing
2	qualitative studies
2	quantitative studies
2	Outcomes research
2	Design and implement a data collection plan
2	self-administered questionnaires
2	Data quality evaluation
4	descriptive and inferential statistics notions
4	Types and structures of scientific publications. Use research to clinical practice.
2	EBM
2	EBN

MODULE
STATISTICS FOR EXPERIMENTAL AND TECHNOLOGICAL RESEARCH

Prof. STEFANO BARONE

SUGGESTED BIBLIOGRAPHY	
1. Dispense del corso - non sono esaustive per lo studio della materia 2. Lombardo, A., "Probabilita' e Statistica". Freeware online 3. Piccolo, D., "Statistica". Il Mulino.	
AMBIT	10315-Scienze interdisciplinari
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30
EDUCATIONAL OBJECTIVES OF THE MODULE	
The student at the end of the course must have knowledge of the basic statistical tools, the calculation of probabilities and in general the scientific method of approach to the real problems. In addition, the student must know how to statistically analyze a dataset.	

SYLLABUS

Hrs	Frontal teaching
10	EXPLORATORY DATA ANALYSIS
10	CALCULATION OF PROBABILITY

Hrs	Practice
5	EXPLORATOTRY DATA ANALYSIS
5	CALCULATION OF PROBABILITY