



Course Syllabus

Course Code	Course Title	ECTS Credits
IMPH-490	Research Methodology/ Μεθοδολογία στην Έρευνα	4
Prerequisites	Department	Semester
None	Health Sciences	Fall/Spring
Type of Course	Field	Language of Instruction
Compulsory	Pharmacy	Greek/English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Dr Monica Nikitara	4 th
Mode of Delivery	Work Placement	Corequisites
Face-to-Face	N/A	N/A

Course Objectives:

The main objectives of the course are to:

- acquire the knowledge and skills to formulate a research question
- carry out a research investigation
- present, justify and defend research findings and implications

Learning Outcomes:

After completion of the course students are expected to be able to:

- Distinguish and evaluate the clarity of the problem statement.
- Examine the theoretical or logical rationale of the research problem.
- Test the specific research question under investigation.
- Compare whether the question is stated in terms amenable to investigation.
- Appraise the thoroughness and relevance of the literature review.
- Evaluate if the literature review establishes the need for conducting the research.
- Establish the credibility of the research.
- Relate the theoretical perspectives and/or apriori assumptions of the researchers.
- Value the population(s) being studied.
- Evaluate the appropriateness of the research methodology for the study.
- Examine the clarity and consistency of the results.
- Distinguish the limitations of the study.
- Develop alternative interpretations of the results.

- Analyze the implications of the study in view of the strengths and weaknesses of the research.
- Distinguish between quantitative and qualitative research designs and methods.

Course Content:

The module will examine the main principles of research methodology and statistics, different approaches to solving a problem and the choice of appropriate research methodology. Various research approaches will be analyzed including the development of the research question. Methods of sampling and data gathering will be evaluated including experimentation, questionnaires, interviews, case studies, action research, content analysis and observation. Quantitative and qualitative data, its statistical analysis, interpretation, presentation and reporting will be examined

Learning Activities and Teaching Methods:

Lectures, class discussion, assignments

Assessment Methods:

Course Work

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Μεθοδολογία έρευνας - Εφαρμογές στο χώρο της Υγείας	Σαχίνη-Καρδάση Α.	Εκδόσεις ΒΗΤΑ	2007	978-960-7308-80-1
Μεθοδολογία έρευνας στο χώρο της Υγείας	Δαρβίρη, Χ.	Πασχαλίδη	2009	978-960-399-915-7

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Μεθοδολογία Νοσηλευτικής έρευνας	Μερκούρης, Α.	Έλλην	2008	978-960-697- 005-4