Course Unit	-			Field of study	-								
	-			School	School of Health								
Academic Year	2016/2017	Year of study	1	Level		ECTS credits	5.0						
Type	Annual	Semester	-	Code	5023-612-1003-00-16								
Workload (hours)	135	Contact hours	T -	TP 10	PL -	TC -	S -	E -	OT 20	O -			

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s): Maria Cristina Martins Teixeira, Ana Maria Geraldes Rodrigues Pereira, Carina de Fatima Rodrigues, Eugénia Maria Garcia Jorge Anes

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:
1. To perform a literature review about a scientific topic of interest
2. To show results about research on health care quality and to describe such results
3. To write a paper in order to share scientific knowledge

Prerequisites

Before the course unit the learner is expected to be able to:
none

Course contents

1 - The role of scientific research in improving the quality of health care. 2 - Research approaches 3 - Why to perform a systematic review of the literature 4 - To shre knowledge through a scientific paper

Course contents (extended version)

1. The role of research in improving health care
   - the crucial role of scientific knowledge in improving health care
   - the research in enhancing knowledge
2. Research approaches
   - Original Research: quantitative and qualitative
   - The Systematic Review of the literature
3. Procedures in order to perform a systematic review
4. To share knowledge through a scientific article
   - Article sections
   - Question under research
   - To show results in order to answer the question under research
   - Writing the article according to the guidelines of a scientific journal

Recommended reading

1. von Elm, E. , et al. (2007). Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) statement: guidelines for reporting observational studies. BMJ, 335: 806-808.
2. Stroup, D. F. , et al. (2000). Meta-analysis of observational studies in epidemiology: a proposal for reporting. Meta-analysis Of Observational Studies in Epidemiology (MOOSE). JAMA, 283: 2008-2012.

Teaching and learning methods

Tutorial classes in which the student is guided by lecturers in order to write a scientific paper

Assessment methods

1. Research Project - (Regular, Student Worker) (Final)
   - Projects - 100% (To write a scientific article wich will be assessed according to a set of items previously available)
2. Research Project - (Regular, Student Worker) (Supplementary)
   - Projects - 100% (To write a scientific article wich will be assessed according to a set of items previously available)
3. Research Project - (Regular, Student Worker) (Special)
   - Projects - 100% (To write a scientific article wich will be assessed according to a set of items previously available)

Language of instruction

Portuguese

Electronic validation

Maria Cristina Martins Teixeira	Ana Maria Geraldes Rodrigues Pereira	Olívia Rodrigues Pereira	Maria Helena Pimentel
20-10-2016	11-11-2016	19-11-2016	28-11-2016