UCL Université catholique de Louvain

WESP1011

2015-2016

Introduction à la recherche scientifique en santé publique

3.0 credits	30.0 h + 15.0 h	1q

Teacher(s) :	Speybroeck Niko ; D'Hoore William (coordinator) ; Henrard Séverine ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	30 hours in-class (theory on scientific research) and 15 hours for application and exercises (research on PubMed, Medline ; qualitative research ; questionnaires and interviews) The course material will mainly consist of slides available on ICampus website, scientific papers, research protocols, access to databases and research websites, screen copies for Pubmed literature search,'
Aims :	At the end of this course and in combination with WESP1009, students will be able to: - to choose a topic of research that fits within the field of public health, community health, nursing care, hospital management, clinical field, epidemiology,' - to build in a conceptual scheme with research hypotheses - to search for information in written documentation and by consulting experts - to choose adequate method of investigation : observation, questionnaire - to choose the sampling method and to plan a research project - to collect and record data - to analyze and to interpret data - to report reliable results with the adequate formats (figures, tables, texts) - to synthesize the results in order to present a clear and concise conclusion *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Evaluation methods :	A written exam is planned at the end of the trimester, leading to the evaluation of theoretical skills of the students. A long term evaluation is done through the different reports realised for different courses, but also at the end of the Master training, with the Master thesis.
Content :	The course provides a background from which postgraduate students may develop their skills and confidence to tackle research problems, to evaluate critically both their own and others' research, and to communicate their findings effectively into a synthetic report, adequately structured and referenced. This course aims to give the students the theoretical and practical skills to design and implement clinical and health services research (HSR). It teaches the skills that are required to critically review the management of a reported clinical/HSR research, to develop one's own research project and to manage the research project required to obtain the diploma in a Master degree. The emphasis is on critical analysis of literature and the identification of the respective strengths and weaknesses of researches according to the study design.
Faculty or entity in charge:	FSP