

3.0 credits	15.0 h	2q
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Teacher(s) :	Robert Annie (coordinator) ; Van Maele Geneviève ;
Language :	Français
Place of the course	Bruxelles Woluwe
Aims :	<i>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".</i>
Content :	<p>Contents</p> <p>Methods of systematic review and meta-analysis mainly following the different steps described in the format of a Cochrane Review, including: formulating the problem, locating and selecting studies, assessing the quality of studies, collecting data, analysing data using quantitative meta-analytic methods (homogeneity, random and fixed effect models) and presenting results as tables and graphics (e.g. funnel plot, forest plot), interpreting results and synthesis.</p> <p>Method</p> <p>A magistral course will be illustrated by concrete cases and completed by a practical approach. The purpose of the course is to allow the student to acquire a critical and practical approach of modern methods of systematic review of the literature. To this aim the student will receive a paper reporting a problem approached by meta-analysis. He will have to retrieve the different concepts presented in the course and to make a critical analysis of this. The synthesis report concerning this paper is part of the evaluation.</p>
Other infos :	Contents of the courses ESP3420 "Statistiques médicales" and ESP3142 "Epidémiologie" constitute a pre-requisite.
Cycle and year of study :	<p>> Master [120] in Public Health</p> <p>> Master [120] in Statistics: Biostatistics</p> <p>> Certificat universitaire en statistique</p>
Faculty or entity in charge:	FSP