

Systematic Reviews and Meta-Analysis: a Practical Approach

Description	As part of their PhD, many students will have to do one or several systematic reviews, and some students will also want to combine results from several studies in meta-analysis. This intensive 3-day course will cover the principles and practical steps of systematic reviews, including the design and conduct of comprehensive literature searches, data extraction and presentation, assessment of study quality and examination for publication bias and other biases. The statistical methods for combining results in meta-analysis will also be covered and the course will include practical exercises in STATA.
Objectives	To enable PhD students to conduct systematic reviews and meta-analyses as part of their PhD work, under the supervision of experienced reviewers.
Dates	Wed 25 – Fry 27 May 2016
Eligibility	Students who intend to do systematic reviews with or without formal meta-analysis. Students should have a basic understanding of the design, analysis and strengths and weaknesses of randomised clinical trials and epidemiological studies.
Course Structure	The course will include lectures, pen and paper exercises, group work and computer practicals. PhD students will be involved as lecturers and tutors. Students will have to read several papers before the course and may continue working on the STATA practicals after the course.
Assessment	A self-assessment will be done before and after the course.
Credits	1 ECTS Preparation Work: 2 h, Contact: 24 h, Wrap-Up Work: 0 h 1 ECTS corresponds to appr. 30 hours workload
Facilitators	Professor Matthias Egger (Institute of Social and Preventive Medicine, University of Bern)

SSPH+ PhD Program in Public Health:

Program Coordination Ann Walser

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Location	ISPM Bern, Finkenhubelweg 11, 3012 Bern, Room: tba	
Course Fees	SSPH+ PhD Students	0.—
	External MD/PhD Students	300.—
	External Academics	850.—
	Others	1250.—
	(The cost scheme depends on the Number of ECTS. Per ECTS participants are asked to pay 300,- CHF, 850,- CHF or 1250,-CHF, respectively)	
Registration	Please register online on our homepage	
Deadline	25 April 2016	
Max. Attendance	20 (preference is given to SSPH+ PhD Students)	

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