



## Systematic Reviews in Intervention Research

offered by the MSc Epidemiology Program of the UMC Utrecht and Utrecht University

Systematic reviews play a crucial role in this era of Evidence Based Medicine and clinical guidelines. Systematic reviews use a systematic and transparent approach to identify all relevant articles, appraise the risk of bias, examine sources of variation, and, if appropriate, meta-analyse the results of the primary studies. This course will offer a mix of lectures and practicals that will help the student to perform all of these steps in practice. In addition, specific challenges to systematic reviews and new developments will be highlighted.

Systematic reviews in Intervention Research is part of [MSc Epidemiology Postgraduate Online](#); the online MSc program in Epidemiology offered by Utrecht University, University Medical Center Utrecht, MSc Epidemiology and Elevate Health.

### Learning objectives

- ✓ Explain the rationale for performing a systematic review
- ✓ List the key steps of a systematic review
- ✓ Formulate a proper review question addressing a therapeutic dilemma
- ✓ Understand the design of a comprehensive and efficient search strategy to identify relevant RCT's in electronic bibliographic databases
- ✓ Explain the main types of bias in a therapeutic study
- ✓ Assess primary studies (RCT) for their risk of bias and report these findings
- ✓ Interpret the results of a meta-regression model
- ✓ Critically appraise systematic reviews

[Visit our course page](#) to find out more about this course.

### For whom?

- ✓ Researchers
- ✓ Medical doctors
- ✓ PhD candidates

### Facts

- ✓ 1,5 ECTS
- ✓ 19 Feb 2018 to 11 Mar 2018
- ✓ Online
- ✓ 14 hrs/week workload
- ✓ 785 Euros
- ✓ English
- ✓ Web lectures, exercises, group discussions

### You may be also interested in

- ✓ [Systematic Reviews in Diagnostic Research](#)
- ✓ [Systematic Reviews of Prognostic Research](#)



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