



SYSTEMATIC REVIEWS AND META-ANALYSIS

Short course

Semester 2 – 2022

The Division of Epidemiology and Biostatistics and Centre for Evidence-based Health Care, Faculty of Medicine and Health Sciences, Stellenbosch University, will be offering a short course on Systematic Reviews and Meta-Analysis from July – November 2022.

The short course will be exclusively online, using a combination of live synchronous webinars, online recordings and self study. All teaching and learning will be facilitated via SunOnline. Online content will be spread over a period of weeks, with students required to engage with content weekly, punctuated with online discussion and webinars. The course is equivalent to the Systematic Reviews and Meta-Analysis module in the MSc Clinical Epidemiology and requires students to successfully complete formative and summative assessments.

Objectives:

To train candidates to understand the methods and applications of conducting a systematic review to answer a clearly defined healthcare question.

Content:

- Rationale for research synthesis
- Planning and preparation of a systematic review
- Defining the review question and developing criteria for including studies
- Searching for studies
- Selecting studies and collecting data
- Assessing risk of bias in included studies
- Analyzing data and undertaking meta-analysis
- Addressing reporting biases
- Presenting results and 'summary of findings' tables
- Interpreting results and drawing conclusions, including network meta-analysis
- Adverse effects
- Accessing systematic reviews
- Using systematic reviews - incorporating evidence into practice

Applicants need to have completed introductory courses of epidemiology and biostatistics.

Course fee: R4800.00

**For more information and to secure your place,
contact Anthea Henry ahenry@sun.ac.za by 22 June 2022.**