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## Systematic Reviews and Meta-Analysis – Short course

### Semester 2 – 2020

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 2020.

Due to COVID-19, the short course will be exclusively online, using a combination of live synchronous webinars and online recordings. 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. There will be no face-to-face contact sessions for the module. The course is equivalent to the Systematic Reviews and Meta-Analysis module in the [MSc Clinical Epidemiology](#)

*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
- Adverse effects
- Accessing systematic reviews
- Using systematic reviews – Incorporating evidence into practice

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

#### Course fees:

R3630.00 – SU staff and students  
R4400.00 – Students registered at other universities  
R5940.00 – Other organizations.

For more information and to secure your place, contact Anthea Henry [ahenry@sun.ac.za](mailto:ahenry@sun.ac.za) by **22 June 2020**.

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