At the end of the course participants should be able to:

* describe the various designs of clinical trials and discuss what each design offers
* describe the basic structure of a systematic review
* understand and identify the major risks of bias and threats to internal validity in RCTs and Systematic reviews
* interpret and appraise a basic meta-analysis
* interpret the meaning of a range of different commonly used effect sizes
* critically discuss the applicability of research results to everyday practice.