



Faculty of Medicine

MEVN26, Scientific Research Design, 7.5 credits

Vetenskaplig design, 7,5 högskolepoäng

Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2014-05-20 to be valid from 2014-07-01, autumn semester 2014.

General Information

The course is a compulsory component of the Master's (120 credits) programme in Medical Science. It complies with the regulations of the Higher Education Ordinance (SFS 1993:100) with later amendments. It can also be studied as a freestanding course.

Language of instruction: Swedish

The whole or parts of the course may be taught in English.

Main field of studies

Radiography

Nursing

Physiotherapy

Reproductive, Perinatal and Sexual Health

Occupational Therapy

Depth of study relative to the degree requirements

A1N, Second cycle, has only first-cycle course/s as entry requirements

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Learning outcomes

Knowledge and understanding

On completion of the course, the students shall be able to

- independently and systematically discuss and explain scientific methods and concepts from a health sciences perspective
- independently discuss the choice of research issues and methods in health sciences research from a diversity perspective
- independently identify and discuss fundamental considerations of research ethics
- independently identify and explain principles and methodology for the development of evidence-based practice in healthcare

Competence and skills

On completion of the course, the students shall be able to

- adopt a scientific approach to identify, formulate, analyse and reflect on health sciences issues
- demonstrate an independent ability to systematically seek, critically assess and interpret scientific literature as material for an individual project
- select, discuss and argue for a research design and methodology for the independent project

Judgement and approach

On completion of the course, the student shall be able to

- apply fundamental considerations of research ethics
- identify their need of further knowledge and take responsibility for their ongoing learning

Course content

The aim of the course is to enable students to specialise in research methodology in order to develop knowledge of evidence in healthcare and to formulate a project idea for an independent project. The course has a cross-professional orientation.

Course design

The course consists of part-time online study combined with teaching and seminar days on campus in Lund. The teaching adopts a problem-based approach using the students' current knowledge, skills and experiences and trains active search for knowledge, critical thinking and problem solving. The methods consist of independent work supplemented by some lectures and group discussions.

Assessment

The students are to submit written assignments for assessment throughout the course. The group exercises/discussions require active participation. The assessment is based on a final written assignment.

Number of exams

One examination and one opportunity to retake the examination are arranged soon after the course. Students who do not achieve a pass on either of these occasions will be able to retake the examination on a later occasion. Students who have failed an examination on a theoretical course are entitled to retake the examination four times.

New examiner

A student who has twice failed examination on a course or course component is entitled to have another examiner appointed, unless there are special reasons to the contrary (SFS 2006:1053). The request is to be made to the programme director.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass.

Entry requirements

To be admitted to the course, students must have a Bachelor's degree (180 credits including a project worth 15 credits) in Occupational Therapy, Physiotherapy or Nursing, or the equivalent in medical science.

Subcourses in MEVN26, Scientific Research Design

Applies from H14

1401 Scientific Research Design, 7,5 hp
Grading scale: Fail, Pass