MEVM04 Master Thesis in Medical Sciences, 30 credits

30 credits  Second cycle 2E

General Information

Main field
Occupational therapy/Nursing/Physiotherapy

Type of course
The course is part of the Master of Medical Science programme and complies with the regulations of the Higher Education Ordinance (1993:100) with later amendments. The course may be studied as a free-standing course.

Language of instruction
Swedish. The course may be taught in English.

Learning Outcomes

Knowledge and understanding
On completion of the course, students shall be able to
- independently and in a systematic and critical fashion discuss, explain and argue for scientific theories, models and methods and their application
- use a scientific approach to independently describe and argue for their own degree project in their main field of study and assess the degree projects of fellow students
- demonstrate in-depth knowledge of the selected research field and of scientific methodology
- give an in-depth account of how thesis work is to be planned and carried out.

Competence and skills
On completion of the course, students shall be able to
- use a scientific approach to identify, formulate, analyse, reflect on and assess subject-specific problems
- independently and systematically search for, critically assess and evaluate research and development work
- apply, in depth, research ethics principles and guidelines
- within given time frames and using a scientific approach, independently implement and complete an empirical degree project in the form of a research article manuscript in English that contributes to knowledge in the main field
- communicate in depth their own research work, and that of others, orally and in writing at seminars.

Judgement and approach
On completion of the course, students shall be able to
- identify, apply, discuss and debate research ethics issues on the basis of their own questions and measurement methods and those of other students
• identify, apply, discuss and debate how diversity and international conditions can affect research in the health services
• demonstrate insight into and discuss the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used
• demonstrate the ability to identify the personal need for further knowledge in their main field.

Course Content

Stage 1
• processing of plan for the degree project
• systematic search and critical review of information
• constructive feedback and discussion of literature and projects
• collection of data
• research ethics considerations

Stage 2
• revision of the degree project
• systematic search and critical review of information
• constructive feedback and discussion of literature and projects
• collection of data

Stage 3
• further revision of the degree project
• systematic search and critical review of information
• constructive feedback and discussion of literature and projects
• collection and analysis of data

Stage 4
• presentation of the project at the midway seminar
• give and receive constructive feedback
• completion of the entire degree project
• oral defence of own thesis
• oral review of fellow students’ theses

Subjects examined
Stage 1, 7.5 credits
Stage 2, 7.5 credits
Stage 3, 7.5 credits
Stage 4, 7.5 credits
Instruction and Examination

Instruction
The course is run as a combination of seminar and online study, with a few seminar days in Lund. Instruction is based on a problem-oriented work method that builds on existing knowledge, skills and experience, and on training active knowledge search, critical thinking and problem solving. The work is primarily in the form of own work, supervision and seminars.

Examination
Active participation is required in online discussions and feedback on the assignments of fellow students. Assessment is made continuously during supervision and seminars. Examination takes place through the thesis, in the form of a research article manuscript in English, being assessed by an appointed examiner. A critical review of a fellow student’s thesis is part of the examination.

Grades
Grades are set for a completed course. One of the grades Pass or Fail is awarded.

A student who has passed a course will be given a certificate to that effect by the higher education institution on request.

Admission Requirements
To be admitted to the course, students must have a Bachelor’s degree or equivalent (180 higher education credits, of which 90 in the main field) in Occupational Therapy, Physiotherapy, Nursing or Radiology Nursing, and have completed a course in scientific research design or the same level of qualification in Medical Science. The course Scientific Research Design (MEVN04), 7.5 credits, or the equivalent must have been passed by the start of the course, at the latest.

Required reading
The list is of reference works, see appendix.
Appendix: Literature

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30 higher education credits  Second cycle


There will also be research articles.