MEVM06 Master Thesis in Medical Sciences, 16-30 credits

15 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 (2006:1053) with later amendments.

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

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 a 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 the project with reference to an approved plan
• systematic search and critical review of information
• constructive feedback and discussion of literature and projects, and collection and analysis of data
• research ethics considerations

Stage 2
• give and receive constructive feedback
• completion of the entire degree project in the form of research article manuscript in English
• oral defence of own thesis
• oral review of fellow students’ theses

Subjects examined
Stage 1, 7.5 credits
Stage 2, 7.5 credits

Instruction and Examination

Instruction
The course is run as online part-time 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 individual 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 (Higher Education Ordinance (1993:100), Chapter 6 Sections 18–19). 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 (Higher Education Ordinance (1993:100), Chapter 6 Section 20).

Admission Requirements
To be admitted to the course, students must have a one-year Master’s degree or equivalent (240 higher education credits, including project work comprising 15 credits and a degree project comprising 15 credits) in Occupational Therapy, Physiotherapy, Nursing or Radiology Nursing, 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 at the start of the course, at the latest.
Required reading

See appendix.
Appendix: Literature

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