MEVM05 Medical Sciences: Master Thesis 1–15 credits
15 credits Second cycle 1E

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 included in a degree of Master of Medical Science (60 credits) in Occupational Therapy, Nursing or Physiotherapy.

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

Learning Outcomes

Knowledge and understanding
On completion of the course, students shall be able to

- use a scientific approach to independently describe and argue for their own degree project in their main field of study orally and in writing;
- independently and in a systematic fashion discuss, understand and explain scientific theories, models and methods;
- demonstrate knowledge of the selected research field including general and specialised knowledge of certain areas of the field;
- demonstrate understanding of the principles and guidelines of research ethics.

Competence and skills
On completion of the course, students shall be able to

- identify the personal need of further knowledge in their main field;
- use a scientific approach to identify, formulate and analyse subject-specific problems;
- apply research methods of relevance to the degree project and refer to appropriate theories;
- independently and systematically search for, critically assess and interpret research and development work;
- within given time frames and using a scientific approach, independently implement and complete a degree project;
- use a scientific approach to communicate their own research and that of others at a seminar and apply principles and guidelines of research ethics orally and in writing in the context of final examination;
- independently and using a scientific approach, critically review degree projects at their own level of education in one of the main fields.
Judgement and approach
On completion of the course, students shall be able to
- identify, apply and discuss how diversity can affect research in the health services
- demonstrate awareness of and discuss ethical aspects of research and development work.

Course Content

Stage 1
- processing of the degree project on the basis of an approved plan for the project
- systematic search and critical review of information
- constructive feedback and discussion of literature and ongoing projects, and collection and analysis of data

Stage 2
- offer and receive peer reviewing
- 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

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 being assessed by an appointed examiner and defended at a seminar. 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, or the same level of qualification in Medical Science. In addition, students must have passed the course Scientific Research Design which is included in the Master (120 credits) of Medical Science programme.
Required reading

The selection and scope of the required reading of relevance to the subject and approach is made in consultation with the supervisor.

See appendix.
Appendix: Literature

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There will also be research articles.

Uniform Requirements (the Vancouver System): http://www.nlm.nih.gov/bsd/uniform_requirements.html