MEVM02 Medical Sciences: Master Thesis in Occupational Therapy/Nursing Science/Physiotherapy

30 Higher education credits Second cycle

General Information

Main field
Occupational therapy/nursing/physiotherapy

Subject
Each respective field, with a focus on scientific methodology

Type of course
The course is part of the Master in 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 single-subject course.

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

Learning Outcomes

Knowledge and understanding
On completion of the course, students shall

- be able to independently and systematically critically discuss, understand, explain and argue for scientific theories, models and methods and their application using a scientific approach independently describe and argue for, as well as assess, their own thesis work in their main field and that of fellow students
- demonstrate in-depth knowledge of the selected research field and of scientific methodology.

Skills and abilities
On completion of the course, students shall

- be able to identify, formulate, analyse, reflect and assess subject-specific problems and independently formulate questions for their thesis, using a scientific approach
- be able to 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, and preferably in English, be able to independently implement and complete an empirical degree project that contributes to knowledge in the main field
- be able to communicate their own research work, and that of others, in depth at seminars and orally and in writing at the time of final examination
• using a scientific approach, communicate their work and that of others in national/international contexts.

**Judgment 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 the potential and limitations of science, its role in society and people’s responsibility for how it is used
• demonstrate the ability to identify the need of further knowledge in their main field.

**Course Content**

• processing of plan for the thesis work
• systematic search and critical examination of information
• collection and analysis of data
• research ethics considerations
• presentation of results and discussion
• writing of thesis
• defence of own thesis
• opposition to another student’s thesis.

**Subjects examined**

Presentation of project plan at seminar, 0 credits
Presentation of thesis at working seminar, 0 credits
Active attendance at seminars, 0 credits
Writing of thesis, 30 credits
Defence of thesis at examination seminar, 0 credits
Opposition, 0 credits

**Instruction and Examination**

**Instruction**

The course is run as a combination of seminars and internet-based 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 in 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 discussions, feedback on fellow students’ submitted assignments and on own approved submitted written assignments. Assessment takes place continuously during supervision and in seminars. Examination takes place through the thesis being approved by an appointed examiner. Opposition 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 eligible for the course requires a Bachelor’s degree or equivalent (180 higher education credits, of which 90 in the main field) in occupational therapy, physiotherapy, nursing or radiological nursing, and a course in scientific research design or the same level of qualification in medical science.

Literature

The literature list is a reference list, see appendix.

Further Information
Appendix: Literature

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There will also be some scientific papers.