



Faculty of Medicine

MEVN45, Medical Science: Evidence Based Practice I, 7.5 credits

Medicinsk vetenskap: Evidensbaserad praktik I, 7,5 högskolepoäng
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2020-02-11 to be valid from 2020-02-12, autumn semester 2020.

General Information

The course is included in the Master of Medical Science (120 credits) programme.

Language of instruction: English

<i>Main field of studies</i>	<i>Depth of study relative to the degree requirements</i>
Physiotherapy	A1N, Second cycle, has only first-cycle course/s as entry requirements
Speech and Language Pathology	A1N, Second cycle, has only first-cycle course/s as entry requirements
Radiography	A1N, Second cycle, has only first-cycle course/s as entry requirements
Nursing	A1N, Second cycle, has only first-cycle course/s as entry requirements
Occupational Therapy	A1N, Second cycle, has only first-cycle course/s as entry requirements
Audiology	A1N, Second cycle, has only first-cycle course/s as entry requirements
Reproductive, Perinatal and Sexual Health	A1N, Second cycle, has only first-cycle course/s as entry requirements

Learning outcomes

The overall aim of the course is to enable students to use evidence-based theories and methods to plan and organise development projects in their main field of study.

Knowledge and understanding

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

- account for evidence-based practice in relation to their own main field of study
- independently identify, explain and discuss methods for evidence-based practice in relation to their own main field of study

Competence and skills

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

- independently identify and formulate appropriate issues of relevance to their own main field of study
- independently describe methodology to be able to apply evidence-based practice in relation to their own main field of study
- independently and critically review and analyse evidence-based practice

Judgement and approach

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

- assess ethical aspects of evidence-based practice
- assess the results of a systematic literature review
- reflect on the responsibility and role of their own profession and society in relation to evidence-based practice

Course content

The course deals with theories and methods concerning the development of evidence-based practice. It consists of methods for the implementation and critical examination of a systematic literature review as one of the first stages in evidence-based practice. Furthermore, the course identifies different problem areas and issues that are relevant for evidence-based practice. During the course, the students carry out a systematic literature review and the modules of Cochrane Interactive Learning (CIL).

Course design

The course is interprofessional and mainly online, with lectures and seminars on the location of study. The implementation of the course is based on the student's active search for knowledge, problem-solving, reflection and critical analysis. Working methods consist of independent projects, group assignments, seminars, discussions and lectures.

Assessment

The assessment is based on three components:

Course Portfolio (1.5 credits): Active participation in seminars, group exercises and online discussions. Critical review of the work of fellow students.

Systematic Literature Review (2 credits): Completion of Cochrane Interactive Learning with passes in all modules.

Evidence-Based Models in Practice (4 credits): Several written assignments and an oral presentation at a seminar.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

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

Grades

Marking scale: Fail, Pass, Pass with distinction.

Grades are awarded for the completed course. For a grade of Pass, the student must have been awarded this grade for all assessed components. For a grade of Pass with Distinction, the student must have been awarded this grade for Evidence-Based Models in Practice (4 credits).

Entry requirements

To be admitted to the course, students must, in addition to general entry requirements for higher education, have a Bachelor's degree in Occupational Therapy, Audiology, Physiotherapy, Language and Speech Pathology, Diagnostic Radiology Nursing or Nursing (180 credits), or a professional qualification in Occupational Therapy, Audiology, Physiotherapy, Language and Speech Pathology, Diagnostic Radiology Nursing or Nursing (180 credits). English proficiency equivalent to a Pass in English 6/English B from Swedish upper secondary school.

Subcourses in MEVN45, Medical Science: Evidence Based Practice I

Applies from H20

- 2001 Course portfolio, 1,5 hp
Grading scale: Fail, Pass
- 2002 Systematic literature review, 2,0 hp
Grading scale: Fail, Pass
- 2003 Evidence based models in practice, 4,0 hp
Grading scale: Fail, Pass, Pass with distinction