

MEVN47, Medical Science: Assessment and Evaluation, 7.5 credits

*Medicinsk vetenskap: Bedömning och utvärdering, 7,5
högskolepoäng*

Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2020-09-08 to be valid from 2020-09-09, spring semester 2021.

General Information

The course is compulsory in semester 2 for students in Master's (120 credits) programme in medical science MAMMV. The course is elective for students in Master's (120 credits) programme in medical science MAMEV.

Language of instruction: English

<i>Main field of studies</i>	<i>Depth of study relative to the degree requirements</i>
Radiography	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
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
Physiotherapy	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
Nursing	A1N, Second cycle, has only first-cycle course/s as entry requirements

Learning outcomes

Knowledge and understanding

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

- give an account of theories, models and methods for assessment and evaluation in the health sciences field
- give an account of basic theories and assumptions in measurement and test theory,

Competence and skills

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

- identify, critically review and assess the applicability of both quantitative and qualitative methods for assessment and evaluation in their own main field of study,
- critically evaluate and from an evidence-based perspective apply methods for assessment and evaluation in the own main field of study
- identify and formulate scientific questions with a focus on assessment and evaluation in the own main field of study
- identify, compare and suggest appropriate methods for assessment and evaluation based on a scientific question in the own main field of study

Judgement and approach

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

- evaluate different assessment and evaluation methods from an ethical perspective
- reflect on gender, individual, group, and community perspectives when choosing methods for assessment and evaluation in the own main field of study

Course content

The course covers theories, models and methods for assessment and evaluation with application in health sciences research and evidence-based health care. The course includes measurement and test theory and quantitative and qualitative method of relevance for assessment and evaluation. The course is interprofessional with a specialisation in the own main field of study.

Course design

The course is carried out both through web-based learning activities and learning activities that require attendance on campus. The implementation of the course is based on the student's active search for knowledge, problem-solving, reflection and critical analysis. The working methods are independent work, group assignments, lectures and seminars.

Assessment

The assessment is based on three components:

Theory and models for assessment and evaluation 1.5 credits: Written assignment containing a literature review of current theory and models with a focus on assessment and evaluation in the health sciences. Oral discussion and presentation.

Methods for assessment and evaluation 5 credits: Based on an own chosen research question of relevance for the own main field of study, the respective quantitative method for assessment and evaluation of an appropriate qualitative attempt is to be defined and argued for. Written and oral presentation. Participation in group exercises and seminars is compulsory.

Course portfolio, 1 credit: Documented peer-review and self-reflection.

If special circumstances apply, other forms of examination may occur.

The assessed components of the course are listed in an appendix at the end of this document.

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.

For the grade Pass, a passed grade on all three test parts is required: *Theories and models for assessment and evaluation 1.5 credits; Methods for assessment and evaluation 5 credits; Course portfolio, 1 credit:*

Pass with distinction requires the grade Pass with distinction on the test part *Methods for assessment and evaluation 5 credits* and at least the grade Pass on the test parts *Theories and models for assessment and evaluation 1.5 credits* and *Course portfolio 1 credit*.

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, Speech and Language 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 MEVN47, Medical Science: Assessment and Evaluation

Applies from V21

- 2101 Theory and models for assessment and evaluation, 1,5 hp
Grading scale: Fail, Pass, Pass with distinction
- 2102 Methods for assessment and evaluation, 5,0 hp
Grading scale: Fail, Pass, Pass with distinction
- 2103 Course portfolio, 1,0 hp
Grading scale: Fail, Pass, Pass with distinction