

**MEVN42, Medical Science: Methods for Assessment and
Evaluation, 7.5 credits**
*Medicinsk vetenskap: Metoder för bedömning och utvärdering, 7,5
högskolepoäng*
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2018-12-05 to be valid from 2018-12-06, autumn semester 2019.

General Information

The course is given in the Master's (120 credits) programme in medical science.

Language of instruction: English

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

Learning outcomes

Knowledge and understanding

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

- account for theory, models and methods for assessment and evaluation
- analyse and relate methods for assessment and evaluation in their own main field of study and to evidence-based practice,
- account for basic theories and assumptions in measuring and testing theory,
- analyse and compare different methods for assessment and evaluation in their own subject area.

Competence and skills

On completion of the course, 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 reflect on and apply methods for assessment and evaluation from an evidence-based perspective to their own main field of study
- identify and formulate scientific issues with a focus on assessment and evaluation in their own subject area
- identify and suggest appropriate methods for assessment and evaluation based on a scientific issue.

Judgement and approach

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

- evaluate scientific literature on different methods of measurement from both a scientific and clinical perspective.

Course content

The course aims for the students to deepen their knowledge of theories, models and methods for assessment and evaluation to be able to identify, evaluate and use assessment and evaluation methods in both research and practical health care. The course includes both quantitative and qualitative methods of relevance for assessment and evaluation. The course has a interprofessional orientation.

Course design

The course is implemented both through online learning activities (more than 50%) and through learning activities requiring attendance at the course location. The implementation of the course is based on the students' active search for knowledge, problem-solving, reflection and critical analysis. The working methods are independent work, group assignments, lectures and seminars.

Assessment

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

Methods for assessment and evaluation (5 credits): Based on a chosen issue or phenomenon of relevance to their own main field of study, students define and argue for an appropriate qualitative approach and quantitative method to assess and evaluate the chosen phenomenon. Written and oral presentation.

Course portfolio (1 credit): Active participation in discussions and seminars, peer review and reflection.

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

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.

Entry requirements

Entry requirements are qualifications in occupational therapy, audiology, physiotherapy, speech therapy, nursing, or radiology nurse equivalent a Degree of Bachelor (180 credits with 15 credits in project work).

Subcourses in MEVN42, Medical Science: Methods for Assessment and Evaluation

Applies from H19

- 1901 Theory and models for evaluation, 1,5 hp
Grading scale: Fail, Pass
- 1902 Methods for assessment and evaluation, 5,0 hp
Grading scale: Fail, Pass
- 1903 Course portfolio, 1,0 hp
Grading scale: Fail, Pass