

MEVN40, Medical Science: E-Health - A Way to Support Public Health, 7.5 credits

*Medicinsk vetenskap: E-hälsa - ett sätt att stödja hälsa hos
befolkningen, 7,5 högskolepoäng*
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2018-05-22 to be valid from 2018-05-23, spring semester 2019.

General Information

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

Language of instruction: English

Main field of studies

Radiography

Physiotherapy

Nursing

Reproductive, Perinatal and Sexual
Health

Audiology

Occupational Therapy

Speech and Language Pathology

Depth of study relative to the degree requirements

A1N, Second cycle, has only first-cycle
course/s as entry requirements

A1N, Second cycle, has only first-cycle
course/s as entry requirements

A1N, Second cycle, has only first-cycle
course/s as entry requirements

A1N, Second cycle, has only first-cycle
course/s as entry requirements

A1N, Second cycle, has only first-cycle
course/s as entry requirements

A1N, Second cycle, has only first-cycle
course/s as entry requirements

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

- account for different definitions of, and models for, e-health
- compare different methods for the implementation of e-health initiatives
- account for digital tools and justify how they can be used to strengthen individuals' own resources for health

Competence and skills

On completion of the course, the students shall demonstrate the ability to

- independently identify digital tools and justify how these can be applied in different spheres of activity and in relation to different issues, as relevant to their own main field of study
- independently plan an intervention based on current research and of relevance to their own main field of study, as well as argue for how this can be implemented by applying models and methods for e-health and different digital tools

Judgement and approach

- reflect on their own profession's responsibility and role in relation to interventions that are implemented with digital tools and with the application of different models and methods for e-health
- evaluate ethical challenges that can arise in relation to e-health

Course content

- Definitions and models for e-health
- Digital tools to implement e-health initiatives
- Ethical challenges in the implementation of interventions based on digital tools
- Existing and potential fields of use for e-health
- Planning of e-health interventions relevant to their own main field of study

Course design

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

Assessment

The assessment is based on three components:

Models and methods for e-health 2.5 credits: Written assignment based on the student's main field of study. The assignment is to contain accounts of definitions and models for e-health, a comparison of different methods for e-health implementation, and a reflection on how different e-health methods and digital tools can be used to strengthen individuals' own resources for independence and participation.

Evidence-based e-health 4 credits: Presentation of a plan for how a scientifically based intervention, relevant to the student's main field of study, can be offered and implemented by applying methods and models for e-health and digital tools. Proposals for evaluation of interventions are to be included and ethical aspects considered. Oral and written presentation.

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

If there are specific reasons, other forms of assessment may be applied.

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

Admission to the course requires a Bachelor's degree or equivalent (180 higher education credits, including 15 credits of project work) in Occupational Therapy, Audiology, Speech and Language Pathology, Physiotherapy, Nursing or Diagnostic Radiology Nursing, or the same level of qualification in Medical Science.

Subcourses in MEVN40, Medical Science: E-Health - A Way to Support Public Health

Applies from V19

- 1801 Models and methods for e-health, 2,5 hp
Grading scale: Fail, Pass
- 1802 Evidence-based e-health, 4,0 hp
Grading scale: Fail, Pass
- 1803 Course portfolio, 1,0 hp
Grading scale: Fail, Pass