



Faculty of Medicine

SJSE19, Knowledge of Improvement and Informatics in Nursing, 5 credits

Förbättringskunskap och informatik i omvårdnad, 5 högskolepoäng
First Cycle / Grundnivå

Details of approval

The syllabus was approved by Board of Health Sciences Education on 2015-05-21 and was last revised on 2019-10-16 by The Nursing, Radiography, and Reproductive, Perinatal and Sexual Health Programmes Board. The revised syllabus applies from 2019-10-16, spring semester 2020.

General Information

The course is included as a compulsory component in the Bachelor of Science programme in Nursing comprising 180 credits, but is also offered as a freestanding course. The course complies with the guidelines of the Higher Education Ordinance (SFS 1993:100 with later amendments).

Language of instruction: Swedish
Some components may be in English.

Main field of studies

Nursing

Depth of study relative to the degree requirements

G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Learning outcomes

Knowledge and understanding

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

- explain and argue for the use of improvements to ensure the quality of care
- describe and explain concepts and models related to informatics and improvement science

Competence and skills

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

- identify information that must be available to ensure appropriate patient care
- select and justify a relevant quality indicator within nursing in an optional context and present a plan for implementation
- systematically analyse improvement work based on models of quality development, quality assurance and teamwork

Judgement and approach

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

- reflect on and discuss how improvement work can optimise care and how process understanding contributes to professional development
- reflect on and discuss the use of evidence-based strategies as methods of development and improvement of care

Course content

Concepts, models and policy documents

Informatics

Quality indicators within nursing

Improvement science

Processes, registers and systems

Quality registers

Risk analysis

Course design

The teaching and learning activities are designed so as to enable students to develop a specialised understanding and are characterised by an active search for knowledge, problem solving, reflection and critical analysis. Among the work methods used are independent study, group work, peer review, skills training, seminars and lectures.

Absence from compulsory learning activities can be compensated for by other learning activities.

Assessment

One examination and two opportunities to retake the examination are arranged for each assessed component. Students who do not achieve a pass on any of these occasions will be able to retake the examination on a later occasion. A student who has failed an examination twice is entitled to request that another examiner be appointed by the programme director or equivalent.

At re-examination, individual examination may replace group examination.

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.

For a pass on the course, the student must have passed all the assessed components.

Entry requirements

To be admitted to the course, students must satisfy general (see programme syllabus) and specific admission requirements.

Passed courses:

- All courses/modules/assessed components up to and including semester 3 (90 credits)

Further information

The courses are to be studied in the order they are offered.

Subcourses in SJSE19, Knowledge of Improvement and Informatics in Nursing

Applies from V20

- 2001 Informatics in Nursing, 1,0 hp
Grading scale: Fail, Pass
- 2002 Risk Assessment, 2,0 hp
Grading scale: Fail, Pass
- 2003 Knowledge of Improvement, 2,0 hp
Grading scale: Fail, Pass

Applies from H15

- 1501 Informatics in Nursing, 1,0 hp
Grading scale: Fail, Pass
Oral examination in groups including individual assessment.
- 1502 Knowledge of Improvement, 4,0 hp
Grading scale: Fail, Pass
Written examination including an oral seminar in groups and individual assessment.