



Faculty of Health, Science and Technology
Nursing Science

Syllabus

Scientific methods in nursing

Course Code: OMG005

Course Title: Scientific methods in nursing
Vetenskapliga metoder i omvårdnad

Credits: 7.5

Degree Level: Undergraduate level

Progressive
Specialisation: First cycle, has at least 60 credits in first-cycle course/s as entry requirements (G2F)

Major Field of Study:
OMA (Nursing Science)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2017-02-21, and is valid from the Autumn semester 2017 at Karlstad University.

Prerequisites

Fundamentals of Nursing and the Nursing Profession 30 ECTS credits and Basic Clinical Nursing 30 ECTS cr.

Learning Outcomes

Upon completion of the course, students should be able to:

Knowledge and understanding

1. Describe qualitative and quantitative methods in nursing research and the characteristics of the respective approaches
2. Describe methods for literature studies in nursing research and their characteristics.

Competence and skills

3. Apply and give an account of structured database search
4. Plan and design a research project

Judgement and approach

5. Identify research ethical principles and give examples in relation to nursing research

Content

Instruction is in the form of lectures, literature studies, study assignments, seminar assignments and supervision.

The course comprises the following components:

- Research ethics

- Qualitative and quantitative methods
- Literature studies as a method
- Database search
- Research design in the form of a research project proposal (PM)

Reading List

See separate document.

Examination

Assessment is individual and group-related and based on a written exam, take-home exams, seminars and a research project proposal. Additional material may be submitted for the assessment of the project proposal if submitted within ten days of notification.

Grades

One of the grades Distinction (VG), Pass (G) or Fail (U) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.