



Faculty of Health, Science and Technology
Nursing Science

Syllabus

Scientific methods in nursing

Course Code:	OMG005
Course Title:	Scientific methods in nursing <i>Vetenskapliga metoder i omvårdnad</i>
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 2019-03-13, and is valid from the Autumn semester 2019 at Karlstad University.

Prerequisites

Fundamentals of Nursing and the Nursing Profession, 30 ECTS credits, and registration on Basic Clinical Nursing, 30 ECTS credits, with at least 26 ECTS credits completed, including Drug Dosage Calculation I, or equivalent

Learning Outcomes

Knowledge and understanding

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

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

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

3. apply and give an account of structured database searches
4. plan and design a research project

Judgement and approach

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

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, group work, and supervision.

The course comprises the following components:

- Research ethics
- Qualitative and quantitative methods
- Literature studies as a method
- Database searches
- 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 an individual written exam, a take-home exam in the form of a research project proposal, and seminars where proposals are presented and discussed. Additional material may be submitted for the assessment of the project proposal if submitted within ten days of notification.

If students have a decision from Karlstad University entitling them to special pedagogical support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

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.

