



Faculty of Health, Science and Technology
Nursing Science

Syllabus

Scientific method III, bachelor thesis

Course Code: OMGC90

Course Title: Scientific method III, bachelor thesis
Vetenskaplig metod III, examensarbete på grundnivå

Credits: 15

Degree Level: Undergraduate level

Progressive Specialisation: First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree proj. for B.A./B.Sc. (G2E)

Major Field of Study:
OMA (Nursing Science)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2024-08-28, and is valid from the Spring semester 2025 at Karlstad University.

Prerequisites

General admission requirements, a nursing license issued by the Swedish National Board of Health and Welfare, and completed courses Scientific method I, 7.5 ECTS credits, and Scientific method II, 7.5 ECTS credits, or equivalent

Learning Outcomes

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

1. identify problem areas and research questions relevant to the competence of the general care nurse,
2. perform literature searches and use adequate search strategies in relation to research,
3. perform data collection and analysis, compile results from the data, and discuss results and methods critically,

4. apply research ethical principles in research,
5. apply all parts of the research process and produce academic writing, independently and within given time limits,
6. demonstrate a critical approach through discussing results in relation to nursing as well as the strengths and weaknesses of the research and societal and ethical aspects in connection with peer review, and
7. reflect upon their own need of further knowledge in the field of nursing and be responsible for their skills development.

Content

Instruction is in the form of literature study, lectures, supervision, and seminars. The thesis is an independent project, but it is generally completed by pairs of students.

The course comprises the following:

- completion of a research project (thesis)
- database searches
- collection, processing, and analysis of data
- reflections on research ethics
- a written report on the research project (thesis)
- performance as a peer reviewer and a writer in a final seminar
- participation in seminars

Reading List

See separate document.

Examination

Assessment is based on a written independent degree project discussed in a final seminar and the student's performance as a writer and a peer reviewer of another student's project. In order to make individual assessment possible, each individual student has to be able to defend the project in its entirety, respond capably to criticism, and discuss their own contribution to the research process constructively in the seminar.

Supplementary revisions may be allowed if submitted within 10 workdays of notification.

Supervision is provided for the duration of the course. Reregistered students can be offered additional supervision for a limited period after the course, at the most six months.

If students have a decision from Karlstad University entitling them to Targeted Study 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.