



Faculty of Health, Science and Technology  
Nursing Science

# Syllabus

## Scientific method V: Degree project Master I

<b>Course Code:</b>	OMA150
<b>Course Title:</b>	Scientific method V: Degree project Master I <i>Vetenskaplig metod V: examensarbete Magister I</i>
<b>Credits:</b>	15
<b>Degree Level:</b>	Master's level
<b>Progressive Specialisation:</b>	Second cycle, contains degree project for Master of Arts/Master of Science (60 credits) (A1E)

**Major Field of Study:**  
OMA (Nursing Science)

### Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2023-02-27, and is valid from the Autumn semester 2023 at Karlstad University.

### Prerequisites

A degree in Nursing (180 ECTS credits), including a degree project (15 ECTS credits), or a Bachelor degree in Nursing, and the course Scientific method (7.5 ECTS credits) at the Master level, plus upper secondary level Swedish 3 or Swedish as a second language 3 and English 6, or equivalent

### Learning Outcomes

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

1. identify and independently formulate a problem area in nursing, formulate research questions, and choose an adequate method for studying the problem,
2. apply and justify the chosen method, data collection, and data analysis,
3. apply and assess research ethical principles in nursing research,
4. present and critically discuss results in relation to scientific, ethical, and societal aspects,

and critically review the chosen method,

5. compile and systematise knowledge in the field of nursing based on the research process and in the form of a research project, completed within given time limits and reported in accordance with conventions of academic writing,

6. critically review and defend degree projects, taking into account scientific, ethical, and societal aspects in addition to the conclusions presented, and suggest improvements in a constructive manner, in relation to their own work and that of other students, and

7. identify their own need of further knowledge and the need for developments in the field of nursing, in terms of knowledge as well as practice.

### **Content**

Instruction is in the form of literature study, supervision, and seminars. Supervision is normally offered to pairs or groups of students, and takes place either online or in connection with on-campus meetings.

The degree project is a research project in nursing and can be in the form of a systematic literature review or an empirical study.

A project plan (PM) is created based on the chosen area of research and an information search in databases, and includes a description of the chosen scientific method and research ethical considerations. The degree project is reported in writing based on the research process and concluded through seminars where students perform as writers and peer reviewers.

Supervision is provided for the duration of the course. Reregistered students are only offered supervision if circumstances permit.

### **Reading List**

See separate document.

### **Examination**

Assessment is based on an independently written degree project presented and discussed at a seminar. Students are also required to serve as peer reviewers of the degree projects of others.

Degree projects are typically completed in pairs. Students are responsible for reporting their individual contribution and knowledge development in writing, and the teacher also assesses individual performance in the seminar.

The examiner may decide that a student who is very close to a passing grade can complete a supplementary assignment to receive a passing grade for a specific examination. Additional examination material must be submitted within 15 days of notification. The supplementary assignment only is then assessed in accordance with the assessment criteria, and if it is insufficient, a grade of fail (U) will be given.

Students who have not yet received a Pass grade can receive some additional supervision for a maximum of six months after the end of the course. The number of assessment opportunities for a Pass grade is limited to five.

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 Fail (U), Pass (G), or Distinction (VG) 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.

The course OMAD92 cannot be included in the same degree programme as the course OMA150.

A student who, in the examiner's judgement and after consultation with the supervisor, will fail to obtain a Pass grade for the degree project on the grounds of grave and unprofessional skills and conduct in an empirical study may be required to immediately discontinue the project. The discontinuation means that the examiner has failed the student. The decision must be submitted in writing and clearly state the grounds for the discontinuation. An individual study plan is then drawn up and approved by the examiner after consultation with the student.