



Faculty of Health, Science and Technology  
Public Health Science

# Syllabus

## Scientific research methods in Public Health Sciences - literature study

<b>Course Code:</b>	FHGBEU
<b>Course Title:</b>	Scientific research methods in Public Health Sciences - literature study <i>Vetenskapliga forskningsmetoder i folkhälsovetenskap - litteraturstudie</i>
<b>Credits:</b>	7.5
<b>Degree Level:</b>	Undergraduate level
<b>Progressive Specialisation:</b>	First cycle, has only upper-secondary level entry requirements (G1N)

**Major Field of Study:**  
FHA (Public Health Sciences)

### Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2020-03-11, and is valid from the Spring semester 2020 at Karlstad University.

### Prerequisites

Employer selected

### Learning Outcomes

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

- independently delimit a research problem and identify and formulate an aim and research questions relevant for public health science,
- conduct a literature study based on the aim and research questions and carry out data collection using

an appropriate research method,

- analyse the collected data using an appropriate research method,
- present methodology, results, and analysis in writing, and discuss results/analysis critically in relation to previous research and/or relevant theories,
- apply principles (considerations) of research ethics in their own work,
- use clear and correct language appropriate for research, and a coherent structure,
- understand and use correct references,
- critically examine and review the written work of others in the area of study, and
- defend and discuss their own work in the area of study orally.

### **Content**

The course begins with an introductory lecture on research methods, health-related equality, and sustainable development. Students work independently to plan, conduct, and write up a literature study relevant for public health science. Topics for degree projects and research methods are developed in consultation with supervisors, and supervision sessions are scheduled throughout the course. The course concludes with a seminar where students present and defend their own reports, carry out peer review of the work of others, and participate actively when other students present their reports.

### **Reading List**

See separate document.

### **Examination**

Assessment is based on an individual written research report presented orally in a mandatory seminar, including peer review of another student's work and generally active participation.

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.