



Faculty of Health, Science and Technology
Public Health Science

Syllabus

Scientific research methods in Public Health Sciences - literature study

Course Code:	FHGBE1
Course Title:	Scientific research methods in Public Health Sciences - literature study <i>Vetenskapliga forskningsmetoder i folkhälsovetenskap - litteraturstudie</i>
Credits:	7.5
Degree Level:	Undergraduate level
Progressive Specialisation:	First cycle, has less than 60 credits in first-cycle course/s as entry requirements (G1F)

Major Field of Study:
FHA (Public Health Sciences)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2019-08-29, and is valid from the Spring semester 2020 at Karlstad University.

Prerequisites

45 ECTS credits in the main field of study Public Health Science, or equivalent. Contract education:
Employer selected

Learning Outcomes

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

Knowledge and understanding

1. describe the assumptions of qualitative and quantitative research approaches
2. demonstrate understanding of basic collection and analysis methods in the qualitative approach
3. demonstrate understanding of basic collection and analysis methods in the quantitative approach

Competence and skills

4. plan and apply basic qualitative research methods
5. plan and apply basic quantitative research methods
6. apply basic analysis methods in the quantitative approach
7. apply basic analysis methods in the quantitative approach
8. use library catalogues and data bases to seek subjects systematically
9. interpret secondary sources and reference correctly

Judgement and approach

10. reflect on basic research ethical issues and knowledge from a public health science perspective

Content

The course comprises the following components:

- steps in the research process including database searches
- qualitative approach and methods for data collection
- quantitative approach and methods for data collection
- qualitative methods and content analysis
- quantitative methods and descriptive statistics
- research ethical principles
- referencing

Reading List

See separate document.

Examination

Assessment is based on individual hand-in assignments and seminar 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.