



Course syllabus

Faculty Board of Health, Social Work and Behavioral Sciences
School of Health and Caring Sciences

2VÅ45E Vetenskapsteorier, metoder och examensarbete, 22,5
högskolepoäng

Scientific theories, research methods and degree project, 22.5 credits

Main field of study

Caring Science

Subject Group

Nursing Science

Level of classification

First Level

Progression

G2E

Date of Ratification

Approved by the Board of the School of Health and Caring Sciences 2009-07-01

Revised 2011-08-31

The course syllabus is valid from autumn semester 2011

Prerequisites

NO VALUE DEFINED

Expected learning outcomes

Demonstrate:

- knowledge within and understanding for the various scientific bases of caring science as well as application within some part of caring science's specific bases
- knowledge within and understanding for different advances in caring science
- knowledge and understanding for common descriptive methods within caring science research
- skills to interpret descriptive statistics and inference statistics
- skills to formulate a feasible caring science project plan
- skills to apply scientific methods in one's own essay work
- the ability to evaluate caring science articles from both quantitative and qualitative theory perspectives with its terminology
- the ability to orient oneself in current research questions
- the ability to independently identify, formulate and solve problems as well as carry out assignments within given time frames
- the ability to, both verbally and in writing, account for and discuss information, problems and solutions in discussions with other groups
- the ability to, within caring science, make quality assessments with regards to

relevant scientific and ethical aspects

Content

Module I: Scientific Theory, 1.5 credits

- Various scientific bases of caring science
- Various advances of caring science

Module II: Scientific Methods, 6 credits

- Research ethics
- Qualitative data acquisition and analytical methods
- Concept analysis
- Project plan
- Literature retrieval
- Quantitative data acquisition and analytical methods

Module III: Essay, 15 credits

- Own data acquisition
- Own analysis and compilation of data
- Writing of essay
- Act as opponent
- Act as respondent

Type of Instruction

Various forms of teaching may be included, such as:

Lectures

Application exercises – compulsory

Obligatory seminars

Supervision

Own work

Examination

The course is assessed with the grades Fail (U) or Pass (G).

Course Evaluation

A written evaluation is carried out and compiled in a report, which is archived at the institution. The results, along with possible measures taken, are reported to the students the next time the course is given.

Other

The number of examination opportunities is limited to five

Students at Linnaeus University can, at request, receive their grades in ECTS credits, according to the ECTS-scale. This re-quest should be made at the introduction of the course.

Required Reading and Additional Study Material

Dahlberg, K., Segesten, K.,

Nyström, M., Suserud, B-O.& Fagerberg, I.

Att förstå vårdvetenskap. Lund: Studentlitteratur. Latest ed. 100

Ejlertsson, G. Statistik för hälsovetenskaperna. Lund:

Studentlitteratur. Latest ed. 150

Friberg, F. (red) Dags för uppsats. Lund: Studentlitteratur. Latest ed. 100 3

Forsberg, C. & Wengström, Y.

Att göra systematiska litteraturstudier.

Stockholm: Natur och Kultur. 2008. Chap. 6. 15

Graneheim, U.H. & Lundman, B.

Qualitative content analysis in nursing research:

Concepts, procedures and measures to achieve trustworthiness. Nurse Education Today, 24: 105-112. 2004.7

Polit, D.F. & Beck, C.T. Essentials of Nursing Research. Methods, Appraisal, and Utilization. Philadelphia: Lippincott. Latest ed. 100

Sohlberg, P. & Sohlberg, BM.
Kunskapens former – vetenskapsteori och forskningsmetod. Malmö: Liber. Latest ed. 220

Thomsson, H. Reflexiva intervjuer. Lund: Studentlitteratur. Latest ed. 170
<http://www.ivosa.vxu.se/studieinfo>
The forming of reports and essays. Guidelines and instructions for essay on entry and advanced level within the subject caring science 30

Dissertation, scientific articles and literature in research methods included.