

SYLLABUS

Evidence based methodology 7.5 credits S7015H

Evidensbaserad metod

Course syllabus admitted: Autumn 2016 Sp 1 - Spring 2017 Sp 4

**DECISION DATE
2016-02-15**

Evidence based methodology 7.5 credits S7015H

Evidensbaserad metod

Second cycle, S7015H

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G VG	Folkhälsovetenskap	Public Health

Entry requirements

Bachelor in occupational therapy, or Bachelor in physical therapy or Bachelor in nursing

Selection

The selection is based on 30-285 credits

Examiner

Stefan Sävenstedt

Course Aim

The student should, on completion of the course, from current research and development work, be able to:

1. formulate a scientific evidence research question based on the main field of study
2. carry out a systematic literature search in the main field of study
3. review and assess the quality of scientific literature in the main field of study
4. compile evidence from a quality assessment of scientific literature in the main field of study
5. present a working method for implementation of established evidence to clinical practice
6. compare and discuss qualitative and quantitative evidence summaries.

Contents

- Formulation of evidence research questions
- Computer-based literature search
- Methods for review and quality assessment of qualitative and quantitative scientific literature
- Methods for compilation of evidence
- Improvement knowledge
- Proposals for implementation of evidence-based knowledge in practical activities
- Reflection on existing evidence

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

In order to complete the course, the student should actively seek knowledge and solve problems using an inquiring and critically reflective approach. This means that the student takes responsibility by actively contributing to the achievement of the course objectives by planning content and time. The contents of the course are processed through literature studies, lectures, oral and written presentations and seminars.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. To pass the course, it is required that the student achieve the course objectives through the following examination sections:

- Report and seminar on evidence-based knowledge gathering (test 1)
- Report and seminar on qualitative and quantitative evidence gathering (test 2)

Grading criteria for pass and pass with distinction are stated in the study guide.

Remarks

Study plan is provided in course room in Canvas.

Literature. Valid from Autumn 2015 Sp 1

Greenhalg T (2013) Att läsa vetenskapliga artiklar och rapporter – grunden till evidensbaserad metod.

Studentlitteratur, Lund

Nordenström J. (2006) Evidensbaserad medicin i Sherlock Holmes fotspår.

Karolinska University Press.

Reference literature

Carter, RE, et al. (2011). Rehabilitation research. Principles and applications. St Louis, Missouri, USA: Elsevier Saunders.

Law, M. (2008). Evidence-Based Rehabilitation. A Guide to Practice. Thorofare, NJ:SLACK Incorporated.

Polit, D.F., & Beck, C.T. (2008). Nursing research: Generating and assessing evidence for nursing practice (8th ed.). Philadelphia: Lippincott Williams & Wilkins.

Taylor, M. C. (2007). Evidence-Based Practice for Occupational Therapists. Oxford: Blacwell Science Ltd.

Willman, A., Stoltz, P., & Bahtsevani, C. (2011). Evidensbaserad omvårdnad – en bro mellan forskning och klinisk verksamhet (3rd ed.). Lund: Studentlitteratur

Course offered by

Department of Health Sciences

Items/credits

Number	Type	Credits	Grade
0001	Report and seminar	5	U G VG
0002	Report and seminar	2.5	U G#

Last revised

by 2016-02-15

Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2011-02-07