

SYLLABUS

Occupational therapy: Design and application of quantitative methodology 7.5 credits A7011H

Arbetsterapi: Design och tillämpning av kvantitativ metod

Course syllabus admitted: Autumn 2016 Sp 1 - Autumn 2016 Sp 2

**DECISION DATE
2016-02-15**

Occupational therapy: Design and application of quantitative methodology 7.5 credits A7011H

Arbetsterapi: Design och tillämpning av kvantitativ metod

Second cycle, A7011H

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G VG	Arbetsterapi	Therapy, Rehabilitation and Dietary Treatment

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

Margareta Lilja

Course Aim

The student should, on completion of the course, based on advanced knowledge in quantitative research methods, philosophy of science and ethics in research in occupational therapy, be able to:

1. Formulate and design subject-specific scientific issues and method choices for occupational therapy with a quantitative approach.
2. Critically review and evaluate quantitative empirical occupational therapy studies.
3. In the subject occupational therapy explain and discuss quantitative scientific theoretical perspectives
4. Apply, carry out, critically evaluate and argue for quantitative research approaches and statistical methods within research in the subject occupational therapy.

Contents

- Application of quantitative research design in the subject occupational therapy
- Review and evaluate how quantitative methods are applied in research in the subject occupational therapy
- Scientific methods related to research with quantitative approaches in occupational therapy
- Application of statistical methods in the subject occupational therapy

Realization

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

The course has its educational basis in a knowledge-building working method. This working method is characterised by the student actively searching for and solving problems through an examining and critically reflective working method. The course should stimulate learning through oral and written presentation, practical exercises, article searching and review. Reflection on learning and professional development in order to identify needs for further knowledge and taking responsibility for knowledge development are also included in the course. This is a distance course and assumes access to the computer software Microsoft Excel.

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. For the grade pass, it is required that the student achieve the course objectives through the following examination parts:

- Objectives 1-2 are examined through written assignment
- Objectives 3-4 are examined through individual examination

Reflection over learning and professional development are examined through submitted presentation of skills portfolio and seminar

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

Remarks

The course is given for second-cycle studies and can be read completely as a distance course. Study supervision is provided in the course room in Canvas.

Transition terms

This course replaces A7008H Occupational Therapy second cycle, 30 credits

Literature. Valid from Autumn 2015 Sp 1

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

* Sohlberg, P., & Sohlberg, B-M. (2009). Kunskapens former. Vetenskapsteori och forskningsmetod. Stockholm: Liber.

List of articles and other material that is added is in the study guide.

Course offered by

Department of Health Sciences

Items/credits

Number	Type	Credits	Grade
0002	Assignment report	3	U G VG
0003	Individual exam statistics	4	U G VG
0004	Assignment report, Seminar	0.5	U G#

Last revised

by 2016-02-15

Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2010-02-19