

SYLLABUS

Occupational Therapy: Scientific Theory and Methods 7.5 credits A0037H

Arbetsterapi: Vetenskaplig teori och metod

Course syllabus admitted: Autumn 2023 Sp 1 - Present

**DECISION DATE
2021-08-10**

Occupational Therapy: Scientific Theory and Methods 7.5 credits A0037H

Arbetsterapi: Vetenskaplig teori och metod

First cycle, A0037H

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

Main field of study

Occupational Therapy

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and Knowledge of the theoretical and philosophic bases of occupational therapy. Skills in collecting information about clients and the ability to describe their occupations. Knowledge of different disabilities and contextual effects on occupation and participation. Skills in applying and analysing occupational therapy process and methods. Knowledge of the research process,

A0016H Occupational Therapy: Occupation for health and well-being, 15 credits

A0034H Occupational Therapy: Therapeutic strategies, 15 credits

A0032H Occupational Therapy: Interventions for occupation and participation I, 15 credits

A0033H Occupational Therapy: Interventions for occupation and participation II, 15 credits

A0040H Occupational Therapy: A social perspective, 7,5 credits

A0035H Occupational Therapy: Application in Practice 1, 7,5 credits

A0041H Occupational Therapy: Fieldwork placement 2, 15 credits

A0021H Psychology in position to Occupational Therapy 7.5 credits

A0027H Occupational Therapy: Pedagogic and supervision in the profession 7.5 credits

M0031H Medical science Anatomy and Physiology in position to Occupational Therapy, 15 credits

M0037H Medical Science Pathophysiology I in position to occupational therapy, 7,5 credits

M0038H Medical Science Pathophysiology II in position to occupational therapy, 7,5 credits

Selection

The selection is based on 1-165 credits.

Course Aim

In this course students will deepen previous knowledge of scientific theory and methods with a focus on the various scientific theoretical traditions as well as different data collection methods of relevance for occupational therapy. Upon completion of the course, the student will, in the context of current laws and regulations, and with a scientific and ethical approach, meet the following objectives related to the course content:

1. explain, critically evaluate and argue for different qualitative research approaches that are used in occupational therapy research.
2. carry out, compare and evaluate data collection methods
3. analyse and discuss qualitative and quantitative data in current occupational therapy studies.
4. distinguish and explain research-ethics aspects related to an empirical study in occupational therapy.
5. independently search, evaluate, assess and critically treat literature and current scientific studies in occupational therapy and related subject areas of relevance for the thesis.
6. discuss different scientific theoretical perspectives and suggest research-oriented problems of relevance for research in occupational therapy.

Contents

A deepening of scientific theories in relation to truth and justification is also included in this course as well as the development, usage and rationality of theories. Critical reflection on different qualitative research methods is also included in this course as well as critically evaluating from practical experience the methods of collecting data through interview, observation and questionnaire. Furthermore, statistical processing with computer programs is included as well as processing of qualitative data. The course also contains computer-based literature search of scientific articles in occupational therapy and writing ethical reflections.

- Philosophy of science
- Qualitative research methods
- Methods for the analysis of qualitative and quantitative data
- Research ethics
- Computer-based literature search

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 is given in a distance learning format and is mainly web-based. Computer experience and access to an Internet connection equivalent to at least ADSL with headset and web camera are required for the studies. Parts of the course are located on campus where most seminars and examinations take place. 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 should take responsibility by actively contributing to the achievement of course objectives through the planning of content and time. The contents of the course are delivered through lectures, practical exercises, group assignments as well as oral and written presentation. Each student will defend a presentation and also serve as an opponent for a peer presentation. Course requirements are completed study assignments as well as compulsory attendance and an active participation in practical exercises, work and examination 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 in the course, it is required that the student achieves the course objectives through the following examination sections:

- Objective one is examined through a written assignment on qualitative methods
- Objectives two and three is examined through laboratory exercises and a written examination in statistics
- Objectives four to six are examined through a oral examination and a written assignment of research- and ethics-oriented problems in the planning of a scientific study

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

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Remarks

This is a first-cycle course. Study guide is provided in the course room in Canvas.

Transition terms

The course replaces A0007H.

Course offered by

Department of Health, Education and Technology

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0008	Qualitative methods	U G#	2.5	Mandatory	A15	
0009	Statistics	U G VG *	3	Mandatory	A15	
0010	Written assignment, scientific study	U G VG *	2	Mandatory	A15	

Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2021-08-10

Syllabus established

by Prefekt vid Institutionen för hälsvetenskap 2008-12-12