



**Karolinska  
Institutet**

Course syllabus for

# **Scientific Theory, Research and Evaluation Methods in Psychotherapy 3 - Orientation Specialist in Clinical Psychology, 2 credits**

Vetenskapsteori, forsknings- och utvärderingsmetoder i psykoterapi 3 - inriktning specialist i klinisk psykologi, 2 hp

This course syllabus is valid from spring 2019.

Please note that the course syllabus is available in the following versions:

Spring2019 , Spring2022 , Spring2023

Course code	2PT141
Course name	Scientific Theory, Research and Evaluation Methods in Psychotherapy 3 - Orientation Specialist in Clinical Psychology
Credits	2 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Psychotherapy
Level	AV - Second cycle
Grading scale	Fail (U) or pass (G)
Department	Department of Clinical Neuroscience
Decided by	Education committee CNS
Decision date	2018-10-17
Course syllabus valid from	Spring 2019

## **Objectives**

The aim of the course is to give advanced knowledge on the evaluation and assessment of scientific papers, search for relevant information and literature, and scientific writing.

On completion of the course, the student is expected to:

Knowledge and understanding

- Be able to account for systems applicable in meta-analyses and qualitative reviews for evaluation of evidence grade and quality of research papers

Skills and abilities

- Be proficient in searching for information and scientific evidence, and to critically evaluate the quality of studies

- Be proficient in formulating clear research aims for a planned research project based on present evidence
- Be able to compose a project plan for a scientific project which is possible to conduct within the limits of 15 credits

#### Values and attitudes

- Reflect on ethical aspects of choices of research aims, study design and method
- Reflect on the relation between the evidence base of psychological treatments and clinical practice

## Content

The course comprises: 1) critical assessment of established evaluation principles and applying these on scientific papers, 2) assessment of evidence of psychotherapy research within an area of interest, and 3) decision on whether there is a lack of knowledge in this area, which is possible to target within a project comprising 15 credits.

## Teaching methods

Teaching takes place in the form of workshops and recorded lectures.

## Examination

The students will present a written project plan at a seminar. Active participation on the seminar is required. The project plan should be handed in 1 week before the seminar in order to be presented.

## Transitional provisions

An examination will be made available for a period of one year in the event of the course being discontinued or a new course syllabus being introduced.

## Other directives

Course evaluation will be carried out in accordance with the guidelines established by the Board of Education.

## Literature and other teaching aids

### Compulsory literature

*Kocsis, JH, et al.*

**A new scale for assessing the quality of randomized clinical trials of psychotherapy.**

2010 Ingår i:

**Comprehensive psychiatry**

1960-2018

LIBRIS-ID:20933166

51 (2010) s. 319-324

*Schünemann, Holger et al.*

**Handbook for grading the quality of evidence and the strength of recommendations using the**

**GRADE approach. : Quality of Evidence (chapter 5)**

2013

URL: [Länk](#)

Ingår i:

**Cochrane library**

New York : Wiley-Interscience, 1998-

ISSN:1465-1858 LIBRIS-ID:4382362

(2013)

*Obs! Only chapter 5*

*Timulak, L*

**Meta-analysis of qualitative studies: A tool for reviewing qualitative research findings in psychotherapy.**

2009 Ingår i:

**Psychotherapy research**

Oxford : Oxford University Press, 1998-

ISSN:1468-4381 LIBRIS-ID:4384798

19 (2009) s. 591-600

***Reference literature***

**Utvärdering av metoder i hälso- och sjukvården : en handbok**

Stockholm : Statens beredning för medicinsk utvärdering (SBU), 2013 - 164 s.

ISBN:9789185413553 (tryck) LIBRIS-ID:14171787

URL: [Länk](#)

[Library search](#)

*Higgins, JPT*

**Cochrane Handbook for Systematic Reviews of Interventions**

*Green, S*

2018

URL: [Länk till KIB](#)

Ingår i:

**Cochrane library**

New York : Wiley-Interscience, 1998-

ISSN:1465-1858 LIBRIS-ID:4382362

6ed (2018)