



**Karolinska
Institutet**

Course syllabus for

Scientific Theory, Research and Evaluation Methods in Psychotherapy 2, 3.5 credits

Vetenskapsteori, forsknings- och utvärderingsmetoder i psykoterapi 2, 3.5 hp

This course syllabus is valid from spring 2018.

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

Spring2018 , [Spring2022](#) , [Spring2023](#)

Course code	2PT133
Course name	Scientific Theory, Research and Evaluation Methods in Psychotherapy 2
Credits	3.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Psychotherapy
Level	AV - Second cycle
Grading scale	Pass, Fail
Department	Department of Clinical Neuroscience
Decided by	Education committee CNS
Decision date	2017-10-18
Course syllabus valid from	Spring 2018

Specific entry requirements

Registered on PT-program

Objectives

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

Knowledge and understanding

- Be able to account for study designs commonly applied in psychotherapy research and their respective strengths and weaknesses
- Be able to relate how research aims and questions inform choices of study design and methods
- Be able to account for different quantitative and qualitative methods for data collection and criteria to assess applicability of these methods
- Be able to explain basic statistical concepts
- Be able to explain basic concepts for thematic analysis

Skills and abilities

- Be able to design a study and make a time schedule for data collection and study completion
- Perform basic statistical analyses
- Perform basic qualitative text analyses
- Write an outline based on quantitative and qualitative outcomes
- Critically assess scientific papers: introduction, design, methods, results, ethics and conclusions

Values and attitudes

- Be able to reflect on ethical aspects of choice of research aims, study design and scientific communication
- Be able to identify areas in scientific method where own continuous training would be beneficial

Content

The course comprises teaching on study design, data collection, data analysis and how to report results.

Teaching methods

Teaching takes place in the form of recorded lectures available through internet, practical coursework and seminars.

Examination

Attendance on seminars is mandatory. Students will not pass in the event of more than 20% absence from seminars. Examination will be completed in three steps:

- Internet-based examination of literature and lectures
- Completion of practical coursework
- Oral group presentation of a paper at a seminar.

The paper should be handed in 1 week before the seminar. Active participation on the seminar when papers are presented is required.

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***Mandatory literature***

Kazdin, Alan E.

Research design in clinical psychology

4. uppl. : Boston, MA : Allyn and Bacon, cop. 2003 - xvii, 637 s.

ISBN:0-205-33292-7 LIBRIS-ID:8835326

[Library search](#)

In-depth literature

Bland, Martin

An introduction to medical statistics

3. ed., [Nachdr.] : Oxford : Oxford University Press, 2009 - XVI, 405 S

ISBN:978-0-19-263269-2 LIBRIS-ID:11926588

[Library search](#)

McLeod, John

Qualitative research in counselling and psychotherapy

2. ed. : London : Sage, 2011 - xiii, 338 p.

ISBN:1-84920-062-9 LIBRIS-ID:12329330

[Library search](#)