

STOCKHOLM UNIVERSITY
Department of Psychology



Syllabus

Seminars on AI methods in Psychological Research

1.5 Credits

Code: PSFSA11

Finalized by: Prefekt vid Psykologiska institutionen, 2025-10-03

Valid from: Autumn semester 2025 (2025-09-01)

Level within study regulation: Third cycle

Course modules Seminars on AI methods in Psychological Research, 1.5 Credits

1. Entry requirements

Admitted to doctoral programme.

2. Learning outcomes

To pass the course, the student should be able to:

- describe basic applications of AI methods in psychological research
- account for the advantages and limitations of AI methods in different research contexts
- analyze research articles that use AI techniques from a psychological methodological perspective
- critically discuss the use of AI in various areas of psychological research

3. Content

The course consists of a seminar series in which current research articles using AI methods in various

branches of psychological research are discussed. The seminars aim to provide doctoral students with a broad understanding of how AI is applied in psychology, and to promote critical analysis of methods and results. Each seminar is led by the course coordinator together with a doctoral student.

4. Mandatory exams

The following are compulsory elements of the course:

- Lead one of the seminars (with help of the course leader), which consists of giving a presentation about the paper(s) discussed in the seminar and leading the discussion
- Participation in at least 4 more seminars, which consists of reading the papers discussed in those seminars and actively engage in the discussion during the seminar

5. Forms of examination

The course is examined through active participation in seminars and an oral presentation of a research article.

6. Form of instruction

The teaching consists of seminars.