COURSE DETAIL

PSYCHOLOGY: ARTIFICIAL INTELLIGENCE AND PSYCHOLOGY
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Psychology Computer Science
UCEAP Course Number 115
UCEAP Course Suffix
UCEAP Official Title PSYCHOLOGY: ARTIFICIAL INTELLIGENCE AND PSYCHOLOGY
UCEAP Transcript Title AI AND PSYCHOLOGY
UCEAP Quarter Units 12.00
UCEAP Semester Units 8.00

Course Description

This course focuses on how artificial intelligence (AI) can be used to understand human behavior and how psychological phenomena in people can be found in artificial intelligence. Central areas are the borderland between AI and psychology include AI and ethics; Abstract, biological, and deep neural networks; AI to analyze behavior and brain data; Psychological phenomena in artificial cognition; Natural Language Processing; and Simulating behavior using AI. The course emphasis understanding of how natural cognition can be understood with the help of artificial cognition and how psychological phenomena arise in artificial cognition. Application is made in neural networks, natural language processing, AI-generated images and how AI affects society. The course contains theoretical lectures, laboratory work, and a project work.

Language(s) of Instruction
English

Host Institution Course Number
PSYE61

Host Institution Course Title
PSYCHOLOGY: ARTIFICIAL INTELLIGENCE AND PSYCHOLOGY

Host Institution Course Details
https://www.lunduniversity.lu.se/lubas/i-uoh-lu-PSYE61

Host Institution Campus
Lund

Host Institution Faculty
Social Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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