



LD1004 Psychology and Critical Thinking 2.0 credits

Psykologi och kritiskt tänkande

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

The official course syllabus is valid from the spring semester 2023 in accordance with the decision by the head of the school: M-2022-1067. Date of decision: 17/06/2022

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology and Learning

Specific prerequisites

General entry requirements only

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

After passing the course, the student should be able to:

1. Explain central psychological concepts connected to how people assess information and understand how cognitive bias and thought traps influence these assessments.
2. Analyse underlying theories of how people validate and assess different types of information and understand how different contexts could influence these assessments.
3. Give an account of and analyse strategies that are used at marketing, news reporting and public opinion formation from a psychological perspective and be able to apply basic strategies to respond to such communication strategies.

Course contents

- Lectures on how people assess information and how different cognitive bias and thought traps influence these assessments.
- Presentation of key concepts about how people's interpretation of information is influenced by social context, pre-understanding and earlier experiences.
- Practice on identifying bias and thought traps when we interpret news feeds, reports and research.

Examination

- INLA - Assignment A, 1.0 credits, grading scale: P, F
- INLB - Assignment B, 1.0 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.