LEARN-601

# Theoretical Foundations of Learning Sciences 2

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| Cursus | Sem. | Type |
|---|---|---|
| Learning Sciences | | Obl. |

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|---|---|
| Language of teaching | English |
| Credits | 2 |
| Session | |
| Exam | During the semester |
| Workload | 60h |
| **Hours** | **48** |
| Courses | 14 |
| Exercises | 34 |
| **Number of positions** | **25** |

## Frequency

Every year

## Remark

Cancelled 2026-2027

## Summary

How do people learn and how can we support learning? This is part 2 of a two-part course that provides an overview of major theoretical perspectives that attempt to describe how learning works, and serves as an introduction to interpreting education as a means of designing learning environments.

## Content

The field of Learning Sciences concerns two interrelated questions: How do people learn? How can we support learning? The second part of the course will provide students an overview of some of the major theoretical perspectives that have been employed to describe how learning works, such as the embodied learning, the role of motivation and affect in learning and sociological and critical perspectives on learning. Through assigned readings, discussions and design tasks and projects, students are expected to become competent in understanding cognitive and social perspectives on learning and learning environment design, with a focus on human interaction with novel learning technologies and authentic practices for learners. Exposure to seminal literature in the field is expected to lay the theoretical foundation for students to develop new lines of inquiry within the Learning Sciences.

## Note

The examination procedure consists of several assignments done across the semester.

## Keywords

learning sciences, learning theories, embodied learning, affect and motivation, sociological and critical perspectives

## Learning Outcomes

By the end of the course, the student must be able to:

- Understand cognitive, embodied, and social perspectives on learning and learning environment design.