LEARN-611 **Introduction to Methods in Learning Sciences 2**

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Cursus	Sem.	Type
Learning Sciences		Obl.

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

This is part 2 of a two part course that provides students with knowledge and skills in collecting, processing and analyzing educational data, including different lenses to view the nature of inquiry in the field, research designs, and an overview of quantitative and qualitative methods.

Content

The course has the following components: a) Planning and conducting research according to different research designs, b) Overview of quantitative, qualitative and mixed methods in Learning Sciences, c) Ethics of Learning Sciences research. The course will be centered around exploring methodological perspectives by focusing on conceptual aspects of datasets and experiments in the Learning Sciences. Face-to-face meetings will be held every fortnight, although students will be expected to work individually on weekly tasks (e.g., discussing relevant literature, creating and justifying research designs, performing data anaylsis).

Note

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

Keywords

learning sciences, research methods, quantitative analysis, qualitative analysis, learning analytics, meta reviews

Learning Outcomes

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

- understand how to plan a learning sciences study, collect and analyse data according to different methodological perspectives in the learning sciences.