

Schedule CS411 Fall 2025

	Exercises Tuesday, 08:15 - 10:00 MED 0 1418	Lectures Tuesday, 10:15 - 12:00 MED 0 1418	
09.09	–	Overview of learning technologies	P. Dillenbourg & T. Käser
16.09	Experimenting PS-I Defining learning goals	Human cognition	Pierre Dillenbourg
23.09	Designing learning activities	Designing experiments	Chris Petrie
30.09	Designing learning activities	Piaget, microworlds & simulations	Pierre Dillenbourg
07.10	Designing learning activities	Inferential statistics (part 1)	Patrick Jermann
14.10	Implementing learning activities	Inferential statistics (part 2)	Patrick Jermann
21.10	<i>Break</i>		
28.10	Implementing learning activities	Skinner, Bloom & mastery learning	Pierre Dillenbourg
04.11	Statistics	Student modeling, Adaptive Ed.	Tanja Käser
11.11	Statistics	Bayesian Knowledge Tracing	Tanja Käser
18.11	Running Experiments	Vygotsky, social cognition	Pierre Dillenbourg
25.11	Running Experiments	GenAI for Education	Tanja Käser
02.12	Running Experiments	GenAI for Education	Tanja Käser
09.12	Analyzing data	AR & VR For education	Pierre Dillenbourg
16.12	Finalizing projects	Synthesis & project presentation	P. Dillenbourg & T. Käser