

## CS-411 FALL 2018: DIGITAL EDUCATION & LEARNING ANALYTICS

	<b>08:15 → 10:00 Course</b>	<b>10:15 → 12:00 Project</b>
18/09	CH 1. Introduction to CS-411 (OG-11) CH 2. Introduction to Learning Sciences	Introduction to FROG, S. Haklev <b>Implement Graph-01. → 21.09</b> <b>Form project teams → 24.09</b>
25/09	CH 3: Mastery Learning (OG13 and 14)	Feedback on Graph-01 S. Haklev, J. Olsen <b>Implement Graph-02. → 28.09</b> <b>Select project topic → 01.10</b>
02/10	CH 4: Task Analysis	Feedback on Graph-02, S. Haklev, J. Olsen Task analysis
09/10	CH 5: Social Learning (OG15)	Project . S. Haklev, J. Olsen & L. Faucon 11:00 Visit of the MOOC studio (1/2 class)
16/10	CH 6: Discovery Learning (OG16)	Project. S. Haklev, J. Olsen & L. Faucon 11:00 Visit of the MOOC studio (1/2 class)
23/10	CH 7: Graph Edges CH 8: Graph Operators	Project. S. Haklev, J. Olsen & L. Faucon <b>Milestone1: Project Design → 26.10</b>
30/10	CH 8: Designing experiments	Project . S. Haklev, J. Olsen & L. Faucon
06/11	CH 9: Learning Modelling <i>Running Experiments</i>	Introduction to statistics (R & Jupiter Notebook) <i>P. Jermann, L. Faucon</i>
13/11	CH 10: Bayesian Knowledge Tracing J. Olsen <i>Running Experiments</i>	Introduction to statistics (R & Jupiter Notebook) <i>P. Jermann, L. Faucon</i>
20/11	CH 11: Advances in learning Analytics J. Olsen & P. Dillenbourg <i>Running Experiments</i>	Introduction to statistics (R & Jupiter Notebook) <i>P. Jermann, L. Faucon</i>
27/11	CH 12: Campus Analytics, <i>P. Jermann</i> <i>Running Experiments</i>	Data Analysis <i>P. Jermann, L. Faucon</i>
04/12	CH13: Corporate Learning 08:15 <i>P. Dubuc, OpenClassrooms</i> 09:00 <i>J.-M. Tasseto, CoopAcademy.</i>	Data Analysis <i>P. Jermann, L. Faucon</i>
11/12	<i>Open Slot</i>	Data Analysis <i>P. Jermann, L. Faucon</i>
18/12	Project presentation by each team	Finalising report