

Studies Plan

EDLS - Learning Sciences 2024-25

Core courses

Courses				Exam	Credit
<i>Language Code</i>	<i>Section</i>	<i>Teacher</i>			
Introduction to Methods in Learning Sciences 1 (Next time: Fall 2024)					
E	LEARN-610	EDLS	Dillenbourg Kapur	During the semester	2
Introduction to Methods in Learning Sciences 2 (Next time: spring 2025)					
E	LEARN-611	EDLS	Dillenbourg Kapur	During the semester	2
JDPLS Summer school					
E	LEARN-701	EDLS	Dillenbourg Kapur	Oral	1
JDPLS Winter school (Next time : TBD)					
E	LEARN-700	EDLS	Dillenbourg Kapur	Oral	1
Theoretical Foundations of Learning Sciences 1 (Next time: fall 2024)					
E	LEARN-600	EDLS	Dillenbourg Kapur	During the semester	2
Theoretical Foundations of Learning Sciences 2 (Next time: spring 2025)					
E	LEARN-601	EDLS	Dillenbourg Kapur	During the semester	2

Other doctoral courses (EDOC)

Courses				Exam	Credit
<i>Language Code</i>	<i>Section</i>	<i>Teacher</i>			
Topics in Computational Social Science (TopiCSS) (Not offered this year)					
E	CS-727	EDIC	West	Multiple	2
Topics in Machine Learning for Education (Not offered this year)					
E	CS-702	EDIC	Käser	Oral	2

Master courses

Courses				Exam	Credit
<i>Language Code</i>	<i>Section</i>	<i>Teacher</i>			
Applied data analysis					
E	CS-401	SC	Brbic	Written	8
Computational Social Media					
E	DH-500	DH	Gatica-Perez	During the semester	4
Data visualization					
E	COM-480	SC	Vuillon	During the semester	6
Deep learning					
E	EE-559	EL	Cavallaro	During the semester	4
Digital education					
E	CS-411	IN	Dillenbourg Jermann	Written	6
Distributed information systems					
E	CS-423	SC	Aberer	Written	6
Foundations of digital humanities					
E	DH-405	DH	Kaplan	During the semester	6

How people learn: Designing Learning Tools I*(Une seule inscription à un cours SHS+MGT autorisée. En cas d'inscriptions multiples elles seront toutes supprimées sans notification.)*

E	HUM-432	SHS	Kotluk Tormey	During the semester	3
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How people learn: Designing Learning Tools II*(Une seule inscription à un cours SHS+MGT autorisée. En cas d'inscriptions multiples elles seront toutes supprimées sans notification.)*

E	HUM-433	SHS	Kotluk Tormey	During the semester	3
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Human computer interaction

F	CS-213	IN	Dillenbourg	Written	5
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Information security and privacy

E	COM-402	IN	Payer	Written	8
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Intelligent agents

E	CS-430	IN	Faltings	During the semester	6
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Introduction to natural language processing

E	CS-431	IN	Bosselut Chappelier Rajman	Written	6
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Machine learning

E	CS-433	IN	Flammarion Jaggi	Written	8
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Machine learning for behavioral data*(Cours biennial)*

E	CS-421	IN	Käser	Written	6
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Machine learning for DH

E	DH-406	DH	Salzmann	Written	4
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Virtual reality

E	CS-444	IN	Boulic	During the semester	6
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