Annual Plan MSLS for the Cooperation Modules

valid for Autumn semester 2025

(subject to change)

23.12.2025

Autumn-Semester 2025

CW	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7
Exams (see examination plan)									B1 / B2		CS	D4			Christmas Holiday			Exams (CC and CS-Modules) & *re-examination*				Exams of Block weeks
CS, Thursday																						
Cluster Computation	CO1: Modelling of Complex Systems (Olten and/or online)							CO2: Machine Learning and Pattern Recognition (Olten and/or online)											CO5: Generative AI Models in Life Sciences (Olten)			
Cluster Food	F6: Journal Club Food and Nutrition Sciences (Bern and/or online)																		F1: Progresses in Food Processing (Sion)		F2: Nutrition and Nutrition Related Diseases (Zollikofen)	
Cluster Bio/Pharma	BP8: Physicochemical Principles in Pharmaceutics (Olten and/or online)							BP1: Compound Profiling in Pharmaceutical Drug Discovery (Olten and/or online)											BP3: Design of Biopharmaceutical Production Facilities (Wädenswil)		BP7: Bioanalytics in a Regulated Environment (Muttenz)	
Cluster Chemistry	C1: Materials Science (Olten and/or online)							C2: Surface Characterisation (Olten and/or online)													C3: Polymers and Applications (Fribourg)	
Cluster Environment	E1: Journal Club Environmental and Natural Resource Sciences (Bern and/or online)							E2: Life Cycle Assessment (Bern and/or online)											E3: Sustainable Natural Resource Management (Zollikofen)	E4: Ecological Infrastructure in Landscapes (Geneva)		
CC, Friday online (ZHAW, FHNW)																						
Lectures																						
Morning *(4 lessons)*	D1	D1	D1	D1	D1	D1	D1	D2	D2	D2	D2	D2	D2	D2								
Afternoon *(4 lessons)*	D4	D4	D4	D4	D4	D4	D4	D3	D3	D3	D3	D3	D3	D3								
Coaching/Teaching																						
individually per school, 2 lessons per cell	*D1*	*D1*	*D1*	*D1*	*D1*	*D1*	*D1*	*D2*	*D2*	*D2*	*D2*	*D2*	*D2*	*D2*								
	D4	*D4*	*D4*	*D4*	*D4*	*D4*	*D4*	*D3*	*D3*	*D3*	*D3*	*D3*	*D3*	*D3*								
CC, Friday online (BFH, HES-SO)																						
Lectures																						
Morning *(4 lessons)*	B1	B1	B1	B1	B1	B1	B1	B3	B3	B3	B3	B3	B3	B3								
Afternoon *(4 lessons)*	B2	B2	B2	B2	B2	B2	B2	B4	B4	B4	B4	B4	B4	B4								
Coaching/Teaching																						
individually per school, 2 lessons per cell	*B1*	*B1*	*B1*	*B1*	*B1*	*B1*	*B1*	*B3*	*B3*	*B3*	*B3*	*B3*	*B3*	*B3*								
	B2	*B2*	*B2*	*B2*	*B2*	*B2*	*B2*	*B4*	*B4*	*B4*	*B4*	*B4*	*B4*	*B4*								

Spring-Semester 2026

CW	8	9	10	11	12	13	14	15	16	17	18	19	20*	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
Exams (see examination plan)				*preferred slot for re-examinations*						B1	B2	CS	no lectures due to Ascension Day	D4					Exams of CC and CS-Modules, Block weeks & *re-examination*							*slot for re-exams*				
CS, Thursday																														
Cluster Computation	CO3: Optimisation and Bio-Inspired Algorithms (Olten and/or online)							no lectures due to Easter	CO4: Imaging for the Life Sciences (Olten and/or online)							CO6: Bioinformatics Methods for Genomics and Applications (Olten)														
Cluster Food	F3: Foodomics (Bern and/or online)								F4: Sustainable Food Supply Chains (Olten and/or online)							F5: Advanced Sensory Techniques (Changins)														
Cluster Bio/Pharma	BP5: Physiology and Immunotherapies (Bern and/or online)								BP6: Tissue Engineering for Drug Discovery (Olten and/or online)							BP4: Regulatory Affairs (Sion)														
Cluster Chemistry	C4: Green Chemistry (Olten and/or online)								C5: Chemistry and Energy (Olten and/or online)							C6: Industrial Chemical Process Safety (Fribourg)														
Cluster Environment	E5: Biodiversity (Bern/Zollikofen and/or online)								E6: Water Management for Households, Industry and Agriculture (Olten and/or online)																					
CC, Friday online (ZHAW, FHNW)																														
Lectures																														
Morning *(4 lessons)*	B1	B1	B1	B1	B1	B1	**		B3	B3	B3	B3	B3	B3	B3															
Afternoon *(4 lessons)*	B2	B2	B2	B2	B2	B2	**		B4	B3	B4	B4	B4	B4	B4															
Coaching/Teaching																														
individually per school, 2 lessons per cell	*B1*	*B1*	*B1*	*B1*	*B1*	*B1*	*B1*		*B3*	*B3*	*B3*	*B3*	*B3*	*B3*	*B3*															
	B2	*B2*	*B2*	*B2*	*B2*	*B2*	*B2*		*B4*	*B4*	*B4*	*B4*	*B4*	*B4*	*B4*															
CC, Friday online (BFH, HES-SO)																														
Lectures																														
Morning *(4 lessons)*	D1	D1	D1	D1	D1	D1	**		D2	D2	D2	D2	D2	D2	D2															
Afternoon *(4 lessons)*	D4	D4	D4	D4	D4	D4	**		D3	D3	D3	D3	D3	D3	D3															
Coaching/Teaching																														
individually per school, 2 lessons per cell	*D1*	*D1*	*D1*	*D1*	*D1*	*D1*	*D1*		*D2*	*D2*	*D2*	*D2*	*D2*	*D2*	*D2*															
	D4	*D4*	*D4*	*D4*	*D4*	*D4*	*D4*		*D3*	*D3*	*D3*	*D3*	*D3*	*D3*	*D3*															

Legende:
CC: Core Competences
CS: Cluster specific modules
D1: Handling and Visualising Data
D2: Design and Analysis of Experiments
D3: Modelling and Exploration of Multivariate Data
D4: Data and Ethics
B1: Business Administration for Life Sciences
B2: Management and Leadership for Life Sciences
B3: Innovation and Project Management
B4: Politics and Society

* Changes possible due to public holidays
** no synchronous lectures due to Good Friday