

**Annual Plan MSLS for the Cooperation Modules**  
valid for Autumn semester 2021  
(subject to change)

CW	Autumn-Semester 2021														Spring-Semester 2022																																				
	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	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
<b>Exams</b> (see examination plan)															re-examination																																				
	<div style="display: flex; justify-content: space-around;"> <span>B1 B2</span> <span>CS</span> <span>CS- BECS</span> </div>																																																		
<b>CS, Wednesday</b>																																																			
<b>Group BECS</b>	BECS1: Modelling of Complex Systems (Olten and/or online)							BECS2: Machine Learning and Pattern Recognition (Olten and/or online)							BECS4: Optimisation Methods (Olten and/or online)							BECS3: Medical Imaging and Image Processing (Olten and/or online)																													
<b>CS, Thursday</b>																																																			
<b>Cluster Food</b>	F6: Journal Club Food and Nutrition Sciences (Bern and/or online)							F1: Progresses in Food Processing (Sion and/or online)							F1: Progresses in Food Processing (Sion and/or online)							F2: Nutrition and Nutrition Related Diseases (Olten and/or online)																													
<b>Cluster Bio/Pharma</b>	BP1: Compound Profiling in Pharmaceutical Drug Discovery (Olten and/or online)							BP2: Drug Formulation and Delivery for Solid Dosage Forms (Olten and/or online)							BP3: Design of Biopharmaceutical Production Facilities (Wildenswil and/or online)							BP7: Bioanalytics in a Regulated Environment (Muttenz and/or online)																													
<b>Cluster Chemistry</b>	C1: Materials Science (Olten and/or online)							C2: Surface Characterisation (Olten and/or online)							C3: Polymers and Applications (Fribourg and/or online)							C5: Chemistry and Energy (Olten and/or online)																													
<b>Cluster Environment</b>	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 and/or online)							E4: Ecological Infrastructure in Landscapes (Geneva and online)																													
<b>CC, Friday online (ZHAW, FHNW)</b>																																																			
Morning	D1	D1	D1	D1	D1	D1	D1	D2	D2	D2	D2	D2	D2	D2	B1	B1	B1	B1	B2	B2	B2	**	B3	B3	B3	B3	B3	B3																							
Afternoon								D3	D3	D3	D3	D3	D3	D3					B2	B2	B2	**	B4	B4	B4	B4	B4	B4																							
<b>Contact &amp; Coaching (ZHAW / FHNW), 2 lessons per cell</b>	D1	D1	D1	D1	D1	D1	D1	D2	D2	D2	D2	D2	D2	D2	B1	B1	B1	B1	B2	B2	B2	B3	*	B3	B3	B3	B3	B3																							
								D3	D3	D3	D3	D3	D3	D3	B1	B1	B1	B2	B2	B2	B2	B4	*	B4	B4	B4	B4	B4																							
<b>CC, Friday online (BFH, HES-SO)</b>																																																			
Morning	B1	B1	B1	B1	B2	B2	B2	B3	B3	B3	B3	B3	B3	B3	D1	D1	D1	D1	D1	D1	D1	**	D2	D2	D2	D2	D2	D2																							
Afternoon								B4	B4	B4	B4	B4	B4	B4								**	D3	D3	D3	D3	D3	D3																							
<b>Contact &amp; Coaching (BFH / HES-SO), 2 lessons per cell</b>	B1	B1	B1	B1	B2	B2	B2	B3	B3	B3	B3	B3	B3	B3	D1	D1	D1	D1	D1	D1	D1	D2	*	D2	D2	D2	D2	D2																							
	B1	B1	B1	B2	B2	B2	B2	B4	B4	B4	B4	B4	B4	B4								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  
 \* Coaching hours could be distributed in this weeks depending on the organisation of the local schools  
 \*\* no synchronous lectures due to Good Friday  
 B1: Business Administration for Life Sciences  
 B2: Management and Leadership for Life Sciences  
 B3: Innovation and Project Management  
 B4: Politics and Society

Semester change-over

Christmas Holiday

all other exams

Exams (CC and CS-Modules) & re-examination

Exams of Block weeks

Semester change-over

all other exams

Exams (CC and CS-Modules) & re-examination

Exams of Block weeks