

Contact Person	Urban Frey	urban.frey@hevs.ch	027 606 86 57
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Study plan		
Modules	Minimum 4 modules (12 ECTS)	
Core Competences	Minimum 3 modules (9 ECTS)	30 ECTS
Cluster-specific Modules	Optional	
Specialization Modules	Compulsory	20 ECTS
Master Thesis	Compulsory	40 ECTS

Administrative deadlines	Autumn	Spring
Module registration	17.06-15.07	02.12-09.01
Module changes	01.10	01.03

CW	week starting on	Schedule														Master thesis									
		Monday				Tuesday				Wednesday				Thursday			Friday								
34	19.08.2024	8:15 - 9:50	10:15 - 11:50	13:00 - 14:35	15:00 - 16:35	8:15 - 9:50	10:15 - 11:50	13:00 - 14:35	15:00 - 16:35	17:30 - 19:55	8:15 - 9:50	10:15 - 11:50	13:00 - 14:35	15:00 - 16:35	Morning	Afternoon	Morning	Afternoon	X03 - Autumn - Start						
35	26.08.2024																								
36	02.09.2024																								
37	09.09.2024	Welcome Day																							
38	16.09.2024		Welcome session	B1 (LT)	B2 (LT)						S08	S08	S11	S11		BP1		B1	B2	X02 - Autumn - Start					
39	23.09.2024	PI01 Sion																							
40	30.09.2024	B1(LT)	B2(LT)	B1 (LT)	B2 (LT)						S08	S08	S11	S11		BP1		B1	B2						
41	07.10.2024			B1 (LT)	B2 (LT)						S08	S08	S11	S11		BP1		B1	B2						
42	14.10.2024			B1 (LT)	B2 (LT)						S08	S08	S11	S11		BP1		B1	B2						
43	21.10.2024			B1 (LT)	B2 (LT)						S08	S08	S11	S11		BP1		B1	B2						
44	28.10.2024			B1 (LT)	B2 (LT)	PI01 Fribourg + Annual meeting						S08	S08	S11	S11		BP1		B1	B2					
45	04.11.2024			B4 (LT)	B3 (LT)						S08	S08	S11	S11		BP8		B3	B4						
46	11.11.2024	Exam B1		B4 (LT)	B3 (LT)						S08	S08	S11	S11		BP8		B3	B4						
47	18.11.2024	Exam B2		B4 (LT)	B3 (LT)						S08	S08	S11	S11		BP8		B3	B4						
48	25.11.2024	Exam BP1		B4 (LT)	B3 (LT)						S08	S08	S11	S11		BP8		B3	B4						
49	02.12.2024			B4 (LT)	B3 (LT)						S08	S08	S11	S11		BP8		B3	B4						
50	09.12.2024			B4 (LT)	B3 (LT)						S08	S08	S11	S11		BP8		B3	B4						
51	16.12.2024			B4 (LT)	B3 (LT)						S08	S08	S11	S11		BP8		B3	B4						
52	23.12.2024																								
1	30.12.2024																								
2	06.01.2025	Exam S08				Exam S11				Preparation Defense PI01				Defense PI01 Changins											
3	13.01.2025	Exam B3				Exam B4				Exam BP8 + C2				Re-exam BP1											
4	20.01.2025	BP3 (block week)																							
5	27.01.2025	BP7 (block week)																							
6	03.02.2025	Exam F2																							
7	10.02.2025	Exam BP7																							
8	17.02.2025			D1 (LT)	D4 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP5		D1	D4	X02 + X03 - Spring - Start				
9	24.02.2025			D1 (LT)	D4 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP5		D1	D4	X03 - Autumn - Report deadline				
10	03.03.2025			D1 (LT)	D4 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP5		D1	D4					
11	10.03.2025			D1 (LT)	D4 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP5		D1	D4					
12	17.03.2025	Re-exam BP8 + CO2		D1 (LT)	D4 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP5		D1	D4	X03 - Autumn - Defense				
13	24.03.2025	Re-exam BP3 + BP7		D1 (LT)	D4 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP5		D1	D4					
14	31.03.2025			D1 (LT)	D4 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP5		D1	D4					
15	07.04.2025			D2 (LT)	D3 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP6		D2	D3					
16	14.04.2025	Exam B1		D2 (LT)	D3 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP6		D2	D3					
17	21.04.2025	Easter Break																							
18	28.04.2025	D2 (LT)	D3 (LT)	Exam D4							B11	S23/S24	S23/S24	S23/S24	S23/S24		BP6		D2	D3					
19	05.05.2025	Exam BP5 + C4 + CO3		D2 (LT)	D3 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP6		D2	D3					
20	12.05.2025	S10	S10	D2 (LT)	D3 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP6		D2	D3					
21	19.05.2025			D2 (LT)	D3 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP6		D2	D3					
22	26.05.2025	S10	S10	D2 (LT)	D3 (LT)						B11	S23/S24	S23/S24	S23/S24	S23/S24		BP6		D2	D3					
23	02.06.2025	S10 (block week)																							
24	09.06.2025	Pentecost																							
25	16.06.2025	Exams S-Modules														Corpus Christi				X02 - Spring - Defense					
26	23.06.2025	Exam B3				Exam D2				Exam B4				Exam BP6 + C5				Exam CO4				Re-exam BP5 + C4 + CO3			
27	30.06.2025																								
28	07.07.2025																								
29	14.07.2025																								
30	21.07.2025																								
31	28.07.2025																								
32	04.08.2025																								
33	11.08.2025	Re-exam BP6 + C5		Re-exam CO4															Re-exam S10						
34	18.08.2025																								
35	25.08.2025																				X03 - Spring - Report deadline				

Module Overview								
Specialization Modules								
S08	Genomics and genome analysis	Bruno Schnyder	bruno.schnyder@hevs.ch	ECTS	Choice ¹⁾	Semester	Location	
S10	Quality Management & Regulatory Affairs	Marc Pfeifer	marc.pfeifer@hevs.ch	4	c	Autumn	Sion, 19.N308	
S11	Sustainable Biotechnology	Fabian Fischer	fabian.fischer@hevs.ch	4	c	Spring	Sion, 19.N308	
S23	Pharmaceutical Sciences Technologies	Origène Nyanguile	origene.nyanguile@hevs.ch	4	c	Autumn	Sion, 19.N308	
S24	In Vitro Diagnostics	Jean-Manuel Segura	jmanuel.segura@hevs.ch	4	c	Spring	Sion, 19.N308	
Projects								
PI01	Interdisciplinary project			ECTS	Choice ¹⁾	Semester	Location	
				4	c	Autumn	Lausanne and online	
Master Thesis								
X02	Preliminary Project	Schedule to be defined with advisor		ECTS	Choice ¹⁾	Semester	Location	
				6	c	Spring	Sion	
X03	Master Project			30	c	Autumn	Sion	
Core Competences Data & Business by MSLS								
B1	Business Administration for Life Sciences			ECTS ³⁾	Choice ¹⁾²⁾	Semester	Location ³⁾	
B2	Management and Leadership for Life Sciences			3	co	Autumn	Online	
B3	Innovation and Project Management			3	co	Autumn	Online	
B4	Politics and Society			3	co	Autumn	Online	
B11	Management of Complex Processes	CM_ComplPro (MSE)		3	o	Spring	Online	
D1	Handling and Visualising Data			3	co	Spring	Online	
D2	Design and Analysis of Experiments			3	co	Spring	Online	
D3	Modelling and Exploration of Multivariate Data			3	co	Spring	Online	
D4	Data and Ethics			3	co	Spring	Online	
Core Competences - Local Teaching (LT)								
B1 (LT)	Business Administration for Life Sciences	Riccardo Bonazzi	riccardo.bonazzi@hevs.ch	ECTS ³⁾	Choice ¹⁾²⁾	Semester	Location ³⁾	
B2 (LT)	Management and Leadership for Life Sciences	Riccardo Bonazzi	riccardo.bonazzi@hevs.ch	Part of B1	co	Autumn	Sion, 19.N308	
B3 (LT)	Innovation and Project Management	Joëlle Mastelic	joelle.mastelic@hevs.ch	Part of B2	co	Autumn	Sion, 19.N308	
B4 (LT)	Politics and Society	Jean-Gabriel Piguet	jean-gabriel.piguet@hevs.ch	Part of B3	co	Autumn	Sion, 19.N308	
D1 (LT)	Handling and Visualising Data	Gilles Evequoz	gilles.evequoz@hevs.ch	Part of B4	co	Autumn	Sion, 19.N308	
D2 (LT)	Design and Analysis of Experiments	Nils Hanik	nils.hanik@hevs.ch	Part of D1	co	Spring	Sion, 19.N308	
D3 (LT)	Modelling and Exploration of Multivariate Data	Alexandre Kuhn	alexandre.kuhn@hevs.ch	Part of D2	co	Spring	Sion, 19.N308	
D4 (LT)	Data and Ethics	Matthias Rudt	matthias.rudt@hevs.ch	Part of D3	co	Spring	Sion, 19.N308	
D4 (LT)	Data and Ethics			Part of D4	co	Spring	Sion, 19.N308	
Cluster-specific Modules "BioPharma/BP" by MSLS								
BP1	Compound Profiling in Pharmaceutical Drug Discovery			ECTS	Choice ¹⁾²⁾	Semester	Location	
				3	co	Autumn	Olten and online	
BP3	Design of Biopharmaceutical Production Facilities			3	co	Winter school	Wädenswil	
BP5	Physiology and Immunotherapies			3	co	Spring	Bern and online	
BP6	Tissue Engineering for Drug Discovery			3	co	Spring	Bern/Olten and online	
BP7	Bioanalytics in a Regulated Environment			3	co	Winter school	Muttenz	
BP8	Physicochemical Principles in Pharmaceuticals			3	co	Autumn	Olten and online	
Additional Offer from other Clusters by MSLS								
CO1	Modelling of Complex Systems		Thursday	CW38-44	3	o	Autumn	Olten and online
CO2	Machine Learning and Pattern Recognition		Thursday	CW45-51	3	o	Autumn	Olten and online
CO3	Optimisation and Bio-Inspired Algorithms		Thursday	CW8-14	3	o	Spring	Olten and online
CO4	Imaging for the Life Sciences		Thursday	CW15-21	3	o	Spring	Olten and online
C2	Surface Characterisation		Thursday	CW45-51	3	o	Autumn	Olten and online
C4	Green Chemistry		Thursday	CW8-14	3	o	Spring	Olten and online
C5	Chemistry and Energy		Thursday	CW15-21	3	o	Spring	Olten and online
F2	Nutrition and Nutrition Related Chronic Diseases		Block week	CW6	3	o	Winter school	Olten

1) compulsory (c), compulsory optional (co), optional (o)
 2) CC and CS are compulsory optional (co) modules - for the CC modules you have to take 15 ECTS out of 21 ECTS, for the CS-modules you have to take minimal 9 ECTS
 3) The common part (2 ECTS) is given by distance learning on Friday. The local teaching (1 ECTS, LTD or LTB) is given in Sion.

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Study plan		
Modules	Minimum 4 modules (12 ECTS)	
Core Competences	Minimum 3 modules (9 ECTS)	30 ECTS
Cluster-specific Modules	Optional	
Specialization Modules	Compulsory	20 ECTS
Master Thesis	Compulsory	40 ECTS

Administrative deadlines	Autumn	Spring
Module registration	17.06-15.07	02.12-09.01
Module changes	01.10	1.03

Schedule																				
CW	week starting on	Monday				Tuesday				Wednesday			Thursday		Friday		Master thesis			
		8:15 - 9:50	10:15 - 11:50	13:00 - 14:35	15:00 - 16:35	8:15 - 9:50	10:15 - 11:50	13:00 - 14:35	15:00 - 16:35	17:30 - 19:55	8:15 - 9:50	10:15 - 11:50	13:00 - 14:35	15:00 - 16:35	Morning	Afternoon	Morning	Afternoon		
34	19.08.2024																		X03 - Autumn - Start	
35	26.08.2024																			
36	02.09.2024																			
37	09.09.2024	Welcome Day																		
38	16.09.2024	S01	S01	S04	S04	S04	S04 + Welcome session	S05	S05		B1 (LT)	B2 (LT)			C1		B1	B2	X02 - Autumn - Start	
39	23.09.2024	PI01 Sion				S04	S04	S05	S05		B1 (LT)	B2 (LT)			C1		B1	B2		
40	30.09.2024	S01	S01	S04	S04	S04	S04	S05	S05		B1 (LT)	B2 (LT)			C1		B1	B2		
41	07.10.2024	S01	S01	S04	S04	S04	S04	S05	S05		B1 (LT)	B2 (LT)			C1		B1	B2		
42	14.10.2024	S01	S01	S04	S04	S04	S04	S05	S05		B1 (LT)	B2 (LT)			C1		B1	B2		
43	21.10.2024	S01	S01	S04	S04	S04	S04	S05	S05		B1 (LT)	B2 (LT)			C1		B1	B2		
44	28.10.2024	S01	S01	S01	S01	PI01 Fribourg + Annual meeting					B1 (LT)	B2 (LT)			C1		B1	B2		
45	04.11.2024	S01	S01	S01	S01	S04	S04	S05	S05		B4 (LT)	B3 (LT)			C2		B3	B4		
46	11.11.2024	Exam B1		S01	S04	S04	S05	S05		B4 (LT)	B3 (LT)			C2		B3	B4			
47	18.11.2024	Exam B2		S01	S04	S04	S05	S05		B4 (LT)	B3 (LT)			C2		B3	B4			
48	25.11.2024	Exam C1 + BP1		S01	S04	S04	S05	S05		B4 (LT)	B3 (LT)			C2		B3	B4			
49	02.12.2024	S01	S01	S01	S04	S04	S05	S05		B4 (LT)	B3 (LT)			C2		B3	B4			
50	09.12.2024	S01	S01	S01	S05	S05	S05	S05		B4 (LT)	B3 (LT)			C2		B3	B4			
51	16.12.2024	S01	S01	S01	S05	S05	S05	S05		B4 (LT)	B3 (LT)			C2		B3	B4			
52	23.12.2024																			
1	30.12.2024																			
2	06.01.2025																			
3	13.01.2025	Exam B3				Exam B4				Exam C2		Re-exam BP1								
4	20.01.2025	Exam S01		Exam S05 (oral exam, see exam schedule)				Exam S04		Exam C2		Re-exam BP1								
5	27.01.2025																			
6	03.02.2025	C3 (block week)																		
7	10.02.2025	Exam C3																		X02 - Autumn - Defense
8	17.02.2025		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4	X02 + X03 - Spring - Start	
9	24.02.2025		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4	X03 - Autumn - Report deadline	
10	03.03.2025		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4		
11	10.03.2025		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4		
12	17.03.2025	Re-exam CO2		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02		C4		D1	D4	X03 - Autumn - Defense	
13	24.03.2025	Re-exam BP3		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02		C4		D1	D4		
14	31.03.2025		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4		
15	07.04.2025		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C5		D2	D3		
16	14.04.2025	Exam B1		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02		C5		Good Friday			
17	21.04.2025	Easter Break																		
18	28.04.2025	D2 (LT)	D3 (LT)	Exam D4		S22	S22	S03	S03	B11	X02	X02	X02	X02		C5		D2	D3	
19	05.05.2025	Exam C4 + CO3		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C5		D2	D3	
20	12.05.2025		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C5		D2	D3		
21	19.05.2025		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C5		D2	D3		
22	26.05.2025		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		Ascension		D2	D3		
23	02.06.2025	C6 (block week)																		
24	09.06.2025	Pentecost																		X02 - Spring - Defense
25	16.06.2025	Exams S-modules														Corpus Christi				
26	23.06.2025	Exam B3		Exam D2		Exam B4		Exam C5			Exam CO4		Re-exam C4 + CO3							
27	30.06.2025																			
28	07.07.2025																			
29	14.07.2025																			
30	21.07.2025																			
31	28.07.2025																			
32	04.08.2025																			
33	11.08.2025	Re-exam C5		Re-exam CO4																
34	18.08.2025																			
35	25.08.2025																		X03 - Spring - Report deadline	

Module Overview						
Specialization Modules	ECTS	Choice ¹⁾	Semester	Location		
S01 Process Chemistry and Development	4	c	Autumn	Fribourg, B00.22	Roger Marti roger.marti@hefr.ch	
S03 Process Design and Optimization	4	c	Spring	Fribourg, B00.22	Michal Dabros michal.dabros@hefr.ch	
S04 Chemical Engineering & Process Intensification	4	c	Autumn	Fribourg, B00.22	Thierry Chappuis thierry.chappuis@hefr.ch	
S05 Safety, Production and Quality	4	c	Autumn	Fribourg, B00.22	Véronique Breguet Mercier veronique.breguetmercier@hefr.ch	
S22 Analytics and Characterization	4	c	Spring	Fribourg, B00.22	Cyril Portmann cyril.portmann@hefr.ch	
Projects	ECTS	Choice ¹⁾	Semester	Location		
PI01 Interdisciplinary project	4	c	Autumn	Lausanne and online		
Master Thesis	ECTS	Choice ¹⁾	Semester	Location		
X02 Preliminary Project	6	c	Spring	Sion	Schedule to be defined with advisor	
X03 Master Project	30	c	Autumn	Fribourg		
Core Competences Data & Business by MSLS	ECTS ³⁾	Choice ¹⁾²⁾	Semester	Location ³⁾		
B1 Business Administration for Life Sciences	3	co	Autumn	Online		
B2 Management and Leadership for Life Sciences	3	co	Autumn	Online		
B3 Innovation and Project Management	3	co	Autumn	Online		
B4 Politics and Society	3	co	Autumn	Online		
B11 Management of Complex Processes	3	o	Spring	Online	CM_CmplPro (MSE)	
D1 Handling and Visualising Data	3	co	Spring	Online		
D2 Design and Analysis of Experiments	3	co	Spring	Online		
D3 Modelling and Exploration of Multivariate Data	3	co	Spring	Online		
D4 Data and Ethics	3	co	Spring	Online		
Core Competences - Local Teaching (LT)	ECTS ³⁾	Choice ¹⁾²⁾	Semester	Location ³⁾		
B1 (LT) Business Administration for Life Sciences	Part of B1	co	Autumn	Fribourg, D30.16	Eric Mc Laren eric.mclaren@hefr.ch	
B2 (LT) Management and Leadership for Life Sciences	Part of B2	co	Autumn	Fribourg, D30.16	Danielle Burkhard danielle.burkhard@hefr.ch	
B3 (LT) Innovation and Project Management	Part of B3	co	Autumn	Fribourg, D30.16	Eric Mc Laren eric.mclaren@hefr.ch	
B4 (LT) Politics and Society	Part of B4	co	Autumn	Fribourg, D30.16	Danielle Burkhard danielle.burkhard@hefr.ch	
D1 (LT) Handling and Visualising Data	Part of D1	co	Spring	Fribourg, C30.20	Florence Yerly florence.yerly@hefr.ch	
D2 (LT) Design and Analysis of Experiments	Part of D2	co	Spring	Fribourg, C30.20	Florence Yerly florence.yerly@hefr.ch	
D3 (LT) Modelling and Exploration of Multivariate Data	Part of D3	co	Spring	Fribourg, C30.20	Florence Yerly florence.yerly@hefr.ch	
D4 (LT) Data and Ethics	Part of D4	co	Spring	Fribourg, C30.20	Rudolf Scheurer rudolf.scheurer@hefr.ch	
Cluster-specific Modules "Chemistry" by MSLS	ECTS	Choice ¹⁾²⁾	Semester	Location		
C1 Materials Science	3	co	Autumn	Olten and online		
C2 Surface Characterisation	3	co	Autumn	Olten and online		
C3 Polymers and Applications	3	co	Winter school	Fribourg		
C4 Green Chemistry	3	co	Spring	Olten and online		
C5 Chemistry and Energy	3	co	Spring	Olten and online		
C6 Industrial Chemical Process Safety	3	co	Summer school	Fribourg		
Additional Offer from other Clusters by MSLS ⁵⁾	ECTS	Choice ¹⁾²⁾	Semester	Location		
CO1 Modelling of Complex Systems	3	o	Autumn	Olten and online	Thursday CW38-44	
CO2 Machine Learning and Pattern Recognitio	3	o	Autumn	Olten and online	Thursday CW45-51	
CO3 Optimisation and Bio-Inspired Algorithms	3	o	Spring	Olten and online	Thursday CW8-14	
CO4 Imaging for the Life Sciences	3	o	Spring	Olten and online	Thursday CW15-21	
BP1 Compound Profiling in Pharmaceutical Drug Discovery	3	o	Autumn	Olten and online	Thursday CW38-44	
BP3 Design of Biopharmaceutical Production Facilities	3	o	Winter school	Wädenswil	Block week CW4	

1) compulsory (c), compulsory optional (co), optional (o)

2) CC and CS are compulsory optional (co) modules - for the CC modules you have to take 15 ECTS out of 21 ECTS, for the CS-modules you have to take minimal 9 ECTS

3) The common part (2 ECTS) is given by distance learning on Friday. The local teaching (1 ECTS, LTD or LTB) is given in Fribourg.

Contact Person	Liming Zeng	liming.zeng@changins.ch	022 363 40 35
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Study plan		
Modules	Minimum 4 modules (12 ECTS)	
Core Competences	Minimum 3 modules (9 ECTS)	30 ECTS
Additional Offer	Optional	
Specialization Modules	Compulsory	20 ECTS
Master Thesis	Compulsory	40 ECTS

Administrative deadlines	Autumn	Spring
Module registration	17.06-15.07	02.12-09.01
Module changes	01.10	1.03

		Schedule														Master thesis			
CW	week starting on	Monday				Tuesday				Wednesday				Thursday			Friday		
		8:50 - 10:25	10:40 - 12:15	13:15 - 14:50	15:05 - 16:40	8:50 - 10:25	10:40 - 12:15	13:15 - 14:50	15:05 - 16:40	17:30 - 19:55	8:50 - 10:25	10:40 - 12:15	13:15 - 14:50	15:05 - 16:40	Morning	Afternoon	Morning	Afternoon	
33	12.08.2024																		
34	19.08.2024																		
35	26.08.2024																		
36	02.09.2024																		
37	09.09.2024	Semaines d'intégration Vinifera																	
38	16.09.2024	Lundi du Jeûne				S13	S13	S13			Welcome Session	B1 (LT)	B2 (LT)	F6	B1	B2			
39	23.09.2024	PI01 Sion				S13	S13	S13				B1 (LT)	B2 (LT)	F6	B1	B2			
40	30.09.2024	S12	S12	S16	S16	S12 + S13	S12 + S13	S12 + S13	S12 + S13			B1 (LT)	B2 (LT)	F6	B1	B2			
41	07.10.2024	S12	S12	S16	S16	S13	S12	S13	S12			B1 (LT)	B2 (LT)	F6	B1	B2			
42	14.10.2024	S12	S12	S16	S16	S12 + S13	S12 + S13	S12 + S13	S12 + S13			B1 (LT)	B2 (LT)	F6	B1	B2			
43	21.10.2024	S12	S12	S16	S16	S13	S13	S12				B1 (LT)	B2 (LT)	F6	B1	B2			
44	28.10.2024	S12	S12	S16	S16	PI01 Fribourg + Annual meeting						B1 (LT)	B2 (LT)	F6	B1	B2			
45	04.11.2024	S12	S12	S16	S16	S13	S13	S16	S16			B3 (LT)	B4 (LT)	[E2]	B3	B4			
46	11.11.2024	Exam B1		S16	S16	S13	S13	S16	S16			B3 (LT)	B4 (LT)	[E2]	B3	B4			
47	18.11.2024	Exam B2		S16	S12	S13	S13	S13	S13			B3 (LT)	B4 (LT)	[E2]	B3	B4			
48	25.11.2024	S12	S12	S16	S16	S13	S13	S12	S12			B3 (LT)	B4 (LT)	[E2]	B3	B4			
49	02.12.2024	S12	S12	S16	S16							B3 (LT)	B4 (LT)	[E2]	B3	B4			
50	09.12.2024	S12	S12	S16	S16	S13	S13	S16				B3 (LT)	B4 (LT)	[E2]	B3	B4			
51	16.12.2024	S12	S12	S16	S16	S13	S13	S13	S13			B3 (LT)	B4 (LT)	[E2]	B3	B4			
52	23.12.2024																		
1	30.12.2024																		
2	06.01.2025	Exam S16				Exam S12				Exam S13				Preparation Defense PI01		Defense PI01 Changins			
3	13.01.2025					Exam B3				Exam B4									
4	20.01.2025	F1 (block week) [or E3 (block week)]																	
5	27.01.2025																		
6	03.02.2025																		
7	10.02.2025	Exam F1				Exam F2				Exam E3									
CW	week starting on	Monday				Tuesday				Wednesday				Thursday		Friday		Master thesis	
		8:50 - 10:25	10:40 - 12:15	13:00 - 14:50	15:05 - 17:15	8:50 - 10:25	10:40 - 12:15	13:15 - 14:50	15:05 - 16:40	17:30 - 19:55	8:50 - 10:25	10:40 - 12:15	13:15 - 14:50	15:05 - 16:40	Morning	Afternoon	Morning		Afternoon
8	17.02.2025			S15	S15	S14	S14			B11			D1 (LT)	D4 (LT)	F3 [or E5]	D1	D4	X02 - Start	
9	24.02.2025			S15	S15	S14	S14			B11			D1 (LT)	D4 (LT)	F3 [or E5]	D1	D4		
10	03.03.2025			S15	S15	S14	S14			B11			D1 (LT)	D4 (LT)	F3 [or E5]	D1	D4		
11	10.03.2025			S15	S15	S14	S14			B11			D1 (LT)	D4 (LT)	F3 [or E5]	D1	D4		
12	17.03.2025	Re-exam E2 + CO2		S15	S15	S14	S14	S14	S14	B11	D1 (LT)	D4 (LT)	D1 (LT)	D4 (LT)	F3 [or E5]	D1	D4		
13	24.03.2025	Re-exam F1 + E3 + E4		S15	S15	S14	S14	S14	S14	B11			D1 (LT)	D4 (LT)	F3 [or E5]	D1	D4		
14	31.03.2025			S15	S15	S14	S14			B11			D1 (LT)	D4 (LT)	F3 [or E5]	D1	D4		
15	07.04.2025			S14	S14	S14	S14	S14	S14	B11					F4 [or E6]	D2	D3		
16	14.04.2025	Exam B1		S15	S15	S14	S14	D2 (LT)	D3 (LT)	B11			D2 (LT)	D3 (LT)	F4 [or E6]	Good Friday			
17	21.04.2025	Easter Break																	
18	28.04.2025	Exam B2		Exam D4				S14	S14	B11			D2 (LT)	D3 (LT)	F4 [or E6]	D2	D3		
19	05.05.2025	Exam F3 + E5 + CO3		S15	S15	S14	S14			B11			D2 (LT)	D3 (LT)	F4 [or E6]	D2	D3		
20	12.05.2025			S15	S15	S14	S14	S14					D2 (LT)	D3 (LT)	F4 [or E6]				
21	19.05.2025			S15	S15	S14	S14	S14	S14	B11	D2 (LT)	D3 (LT)	D2 (LT)	D3 (LT)	F4 [or E6]	D2	D3		
22	26.05.2025	Joint Study Trip																	
23	02.06.2025	F5 (block week)																	
24	09.06.2025	Ascension																	
25	16.06.2025	Pentecost				Exams S-modules													X02 - Defense
26	23.06.2025	Exam B3		Exam D2		Exam B4		Exam F4				Exam CO4 + F5				Re-exam F3 + E5 + CO3			
27	30.06.2025																		
28	07.07.2025																		
29	14.07.2025																		
30	21.07.2025																		
31	28.07.2025																		
32	04.08.2025																		
33	11.08.2025	Re-exam F4 + E6		Re-exam CO4												Re-exam F5			

Module Overview						
Specialization Modules						
S12	Grapevine Environment - Sustainable Viticulture	Thierry Heger	thierry.heger@changins.ch	ECTS	Choice ¹⁾	Semester
S13	Genetic Resources and Grapevine Production	Jean-Philippe Burdet	jean-philippe.burdet@changins.ch	4	c	Autumn
S14	Winery Design	Liming Zeng	liming.zeng@changins.ch	4	c	Autumn
S15	Fermented Beverages Technology, Chemistry and Microbiology	Benoit Bach	benoit.bach@changins.ch	4	c	Spring
S16	Wine Economics and Management	Alexandre Mondoux	alexandre.mondoux@changins.ch	4	c	Autumn
Projects						
PI01	Interdisciplinary project			ECTS	Choice ¹⁾	Semester
				4	c	Autumn
Master Thesis						
X02	Preliminary Project	Schedule to be defined with advisor		ECTS	Choice ¹⁾	Semester
X03	Master Project			6	c	Spring
				30	c	Autumn
Core Competences Data & Business by MSLS						
B1	Business Administration for Life Sciences			ECTS ³⁾	Choice ¹⁾²⁾	Semester
B2	Management and Leadership for Life Sciences			3	co	Autumn
B3	Innovation and Project Management			3	co	Autumn
B4	Politics and Society			3	co	Autumn
B11	Management of Complex Processes	CM_ComplPro (MSE)		3	o	Spring
D1	Handling and Visualising Data			3	co	Spring
D2	Design and Analysis of Experiments			3	co	Spring
D3	Modelling and Exploration of Multivariate Data			3	co	Spring
D4	Data and Ethics			3	co	Spring
Core Competences - Local Teaching (LT)						
B1 (LT)	Business Administration for Life Sciences	Melanie Weikert	melanie.weikert@changins.ch	ECTS ³⁾	Choice ¹⁾²⁾	Semester
B2 (LT)	Management and Leadership for Life Sciences	Melanie Weikert	melanie.weikert@changins.ch	Part of B1	co	Autumn
B3 (LT)	Innovation and Project Management	Melanie Weikert	melanie.weikert@changins.ch	Part of B2	co	Autumn
B4 (LT)	Politics and Society	Melanie Weikert	melanie.weikert@changins.ch	Part of B3	co	Autumn
D1 (LT)	Handling and Visualising Data	David Singer	david.singer@changins.ch	Part of B4	co	Autumn
D2 (LT)	Design and Analysis of Experiments	David Singer	david.singer@changins.ch	Part of D1	co	Spring
D3 (LT)	Modelling and Exploration of Multivariate Data	David Singer	david.singer@changins.ch	Part of D2	co	Spring
D4 (LT)	Data and Ethics	David Singer	david.singer@changins.ch	Part of D3	co	Spring
				Part of D4	co	Spring
Cluster-specific Modules "BioPharma/BP" by MSLS						
F1	Progresses in Food Processing			ECTS	Choice ¹⁾²⁾	Semester
F2	Nutrition and Nutrition Related Chronic Diseases			3	co	Winter school
F3	Foodomics			3	co	Winter school
F4	Sustainable Food Supply Chains			3	co	Spring
F5	Advanced Sensory Techniques			3	co	Spring
F6	Journal Club Food and Nutrition Sciences			3	co	Summer school
				3	co	Autumn
Additional Offer from other Clusters by MSLS (shown between [] in the schedule)						
VE1	International Study Trips			ECTS	Choice ¹⁾²⁾	Semester
CO1	Modelling of Complex Systems	Thursday	CW38-44	3	o	-
CO2	Machine Learning and Pattern Recognition	Thursday	CW45-51	3	o	Autumn
CO3	Optimisation and Bio-Inspired Algorithms	Thursday	CW8-14	3	o	Autumn
CO4	Imaging for the Life Sciences	Thursday	CW15-21	3	o	Spring
E2	Life Cycle Assessment	Thursday	CW45-51	3	o	Autumn
E3	Sustainable Natural Resource Management	Block week	CW4	3	o	Winter school
E5	Biodiversity	Thursday	CW8-14	3	o	Spring
E6	Water Management for Households, Industry and Agriculture	Thursday	CW15-21	3	o	Spring

1) compulsory (c), compulsory optional (co), optional (o)
 2) CC and CS are compulsory optional (co) modules - for the CC modules you have to take 15 ECTS out of 21 ECTS, for the CS-modules you have to take minimal 9 ECTS
 3) The common part (2 ECTS) is given by distance learning on Friday. The local teaching (1 ECTS, LTD or LTB) is given in Changins in Autumn and online in Spring.