

Contact Person	Urban Frey	urban.frey@hevs.ch	027 606 86 57
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Study plan		
Modules		
Core Competences	Minimum 4 modules (12 ECTS)	
Cluster-specific Modules	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	01.03

CW	week starting on	Schedule												Thursday		Friday		Master thesis
		Monday				Tuesday				Wednesday				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		B1 (LT)	B2 (LT)						S08	S08	S11	S11	BP1		B1	B2	
39	23.09.2024	PI01 Lausanne																
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	X02 - Autumn - Start
44	28.10.2024			B1 (LT)	B2 (LT)	PI01 Lausanne or school (Sion/Fribourg/Changins)				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		B4 (LT)	B3 (LT)					S08	S08	S11	S11	BP8		B3	B4	
47	18.11.2024	Exam		B4 (LT)	B3 (LT)					S08	S08	S11	S11	BP8		B3	B4	
48	25.11.2024	Exam		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	Exams S-Modules																
3	13.01.2025	Exams central modules																
4	20.01.2025	BP3 (block week)																
5	27.01.2025	BP7 (block week)																
6	03.02.2025	Exams winter schools																
7	10.02.2025																	X02 - Autumn - Defense
8	17.02.2025		D1 (LT)	D4 (LT)						B11	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	BP5		D1	D4	X03 - Autumn - Report deadline
10	03.03.2025			D1 (LT)	D4 (LT)					B11	S23/S24	S23/S24	S23/S24	BP5		D1	D4	
11	10.03.2025	Re-exam		D1 (LT)	D4 (LT)					B11	S23/S24	S23/S24	S23/S24	BP5		D1	D4	
12	17.03.2025	Re-exam		D1 (LT)	D4 (LT)					B11	S23/S24	S23/S24	S23/S24	BP5		D1	D4	X03 - Autumn - Defense
13	24.03.2025	Re-exam		D1 (LT)	D4 (LT)					B11	S23/S24	S23/S24	S23/S24	BP5		D1	D4	
14	31.03.2025			D1 (LT)	D4 (LT)					B11	S23/S24	S23/S24	S23/S24	BP5		D1	D4	
15	07.04.2025			D2 (LT)	D3 (LT)					B11	S23/S24	S23/S24	S23/S24	BP6		D2	D3	
16	14.04.2025	Exam		D2 (LT)	D3 (LT)					B11	S23/S24	S23/S24	S23/S24	BP6		D2	D3	
17	21.04.2025	Easter Break																
18	28.04.2025	Exam		D2 (LT)	D3 (LT)					B11	S23/S24	S23/S24	S23/S24	BP6		D2	D3	
19	05.05.2025	Exam		D2 (LT)	D3 (LT)					B11	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	BP6		D2	D3	
21	19.05.2025			D2 (LT)	D3 (LT)					B11	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	Ascension		D2	D3	
23	02.06.2025	S10 (block week)																
24	09.06.2025	Pentecost																
25	16.06.2025	Exams S-Modules																
26	23.06.2025	Exams central modules and summer schools																
27	30.06.2025																	X02 - Spring - Defense
28	07.07.2025																	
29	14.07.2025																	
30	21.07.2025																	
31	28.07.2025																	
32	04.08.2025																	
33	11.08.2025																	
34	18.08.2025																	
35	25.08.2025																	X03 - Spring - Report deadline

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

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.

Contact Person	Olivier Nicolet	olivier.nicolet@hefr.ch	026 429 67 05
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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

CW	week starting on	Schedule														Thursday		Friday		Master thesis
		Monday				Tuesday				Wednesday				Morning	Afternoon	Morning	Afternoon			
34	19.08.2024																			
35	26.08.2024																			
36	02.09.2024																			
37	09.09.2024	Welcome Day																		
38	16.09.2024	S01	S01	S04	S04	S04	S04	S05	S05	B1 (LT)	B2 (LT)					C1		B1	B2	
39	23.09.2024	PI01 Lausanne														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									B1 (LT)	B2 (LT)					C1		B1	B2	
44	28.10.2024	S01	S01	S01	S01	PI01 Lausanne or school (Sion/Fribourg/Changins)				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		S01	S01	S04	S04	S05	S05	B4 (LT)	B3 (LT)					C2		B3	B4	
47	18.11.2024	Exam		S01	S01	S04	S04	S05	S05	B4 (LT)	B3 (LT)					C2		B3	B4	
48	25.11.2024	Exam		S01	S01	S04	S04	S05	S05	B4 (LT)	B3 (LT)					C2		B3	B4	
49	02.12.2024	S01	S01	S01	S01	S04	S04	S05	S05	B4 (LT)	B3 (LT)					C2		B3	B4	
50	09.12.2024	S01	S01	S01	S01	S05	S05	S05	S05	B4 (LT)	B3 (LT)					C2		B3	B4	
51	16.12.2024	S01	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																			
4	20.01.2025																			
5	27.01.2025																			
6	03.02.2025																			
7	10.02.2025																			
8	17.02.2025			D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4	
9	24.02.2025			D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4	
10	03.03.2025			D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4	
11	10.03.2025	Re-exam		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4	
12	17.03.2025	Re-exam		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C4		D1	D4	
13	24.03.2025	Re-exam		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	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		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C5		D2	D3	
17	21.04.2025																			
18	28.04.2025	Exam		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02		C5		D2	D3	
19	05.05.2025	Exam		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		C5		D2	D3	
23	02.06.2025																			
24	09.06.2025																			
25	16.06.2025																			
26	23.06.2025																			
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																			
34	18.08.2025																			
35	25.08.2025																			

Module Overview									
Specialization Modules	ECTS	Choice ¹⁾	Semester	Location					
S01 Process Chemistry and Development	4	c	Autumn	Fribourg, tbc					
S03 Process Design and Optimization	4	c	Spring	Fribourg, tbc					
S04 Chemical Engineering & Process Intensification	4	c	Autumn	Fribourg, tbc					
S05 Safety, Production and Quality	4	c	Autumn	Fribourg, tbc					
S22 Analytics and Characterization	4	c	Spring	Fribourg, tbc					
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					
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 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)	ECTS ³⁾	Choice ¹⁾²⁾	Semester	Location ³⁾					
B1 (LT) Business Administration for Life Sciences	Part of B1	co	Autumn	Fribourg, tbc					
B2 (LT) Management and Leadership for Life Sciences	Part of B2	co	Autumn	Fribourg, tbc					
B3 (LT) Innovation and Project Management	Part of B3	co	Autumn	Fribourg, tbc					
B4 (LT) Politics and Society	Part of B4	co	Autumn	Fribourg, tbc					
D1 (LT) Handling and Visualising Data	Part of D1	co	Spring	Fribourg, tbc					
D2 (LT) Design and Analysis of Experiments	Part of D2	co	Spring	Fribourg, tbc					
D3 (LT) Modelling and Exploration of Multivariate Data	Part of D3	co	Spring	Fribourg, tbc					
D4 (LT) Data and Ethics	Part of D4	co	Spring	Fribourg, tbc					
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 ⁴⁾	ECTS	Choice ¹⁾²⁾	Semester	Location					
CO1 Modelling of Complex Systems	3	o	Autumn	Olten and online					
CO2 Machine Learning and Pattern Recognition	3	o	Autumn	Olten and online					
CO3 Optimisation and Bio-Inspired Algorithms	3	o	Spring	Olten and online					
CO4 Imaging for the Life Sciences	3	o	Spring	Olten and online					
BP1 Compound Profiling in Pharmaceutical Drug Discovery	3	o	Autumn	Olten and online					
BP3 Design of Biopharmaceutical Production Facilities	3	o	Winter school	Wädenswil					

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
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														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 Vitiñera																		
38	16.09.2024	Lundi du Jeûne				S13	S13	TBD	TBD	Welcome Session				B1 (LT)	B2 (LT)	F6	B1	B2		
39	23.09.2024	PI01 Lausanne				S13	S13	S13	TBD											
40	30.09.2024	S12	S12	S16	S16	S12 + S13	S12 + S13	S12 + S13	S12 + S13											
41	07.10.2024	S12	S12	S16	S16	S13	S13	S12	TBD											
42	14.10.2024	S12	S12	S16	S16	S12 + S13	S12 + S13	S12 + S13	S12 + S13											
43	21.10.2024	S12	S12	S16	S16	S13	S13	S12	S12											
44	28.10.2024	S12	S12	S16	S16	PI01 Lausanne or school (Sion/Fribourg/Changins)														
45	04.11.2024	S12	S12	S16	S16	S13	S13	S16	TBD											
46	11.11.2024	Exam	Exam	S16	S16	S13	S13	S16	TBD											
47	18.11.2024	Exam	Exam	S16	S16	S13	S13	TBD	TBD											
48	25.11.2024	S12	S12	S16	S16	S13	S13	S12	TBD											
49	02.12.2024	S12	S12	S16	S16	S13	S13	S13	TBD											
50	09.12.2024	S12	S12	S16	S16	S13	S13	S16	TBD											
51	16.12.2024	S12	S12	S16	S16	S13	S13	S13	TBD											
52	23.12.2024																			
1	30.12.2024																			
2	06.01.2025	Exams S-modules														Preparation Defense PI01		Defense PI01 Lausanne		
3	13.01.2025	Exams central modules																		
4	20.01.2025	F1 (block week) [or E3 (block week)]																		
5	27.01.2025	F2 (block week)																		
6	03.02.2025	Exams winter school																		
7	10.02.2025																			
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										X02 - Start
9	24.02.2025			S15	S15			S14	S14	B11										
10	03.03.2025			S15	S15	S14	S14	S14	S14	B11										
11	10.03.2025	Re-exam	Re-exam	S15	S15			S14	S14	B11										
12	17.03.2025	Re-exam	Re-exam	S15	S15	S15 + S14	S15 + S14	S15 + S14	S15 + S14	B11										
13	24.03.2025	Re-exam	Re-exam	S15	S15	S14	S14	S14	S14	B11										
14	31.03.2025			S15	S15			S14	S14	B11										
15	07.04.2025			S15	S15	S14	S14	S14	S14	B11										
16	14.04.2025	Exam	Exam	S15	S15	S14	S14	S14	S14	B11										
17	21.04.2025	Easter Break																		
18	28.04.2025	Exam	Exam	S15	S15	S14	S14	S14	S14	B11										
19	05.05.2025	Exam	Exam	S15	S15	S14	S14	S14	S14	B11										
20	12.05.2025	Joint Study Trip (provisional)																		
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			S15	S15	S14	S14	S14	S14	B11										
23	02.06.2025	F5 (block week)																		
24	09.06.2025	Pentecost				Exams S-modules														X02 - Defense
25	16.06.2025	Exams central modules																		
26	23.06.2025	Exams central modules																		
27	30.06.2025	Exams central modules																		
28	07.07.2025	Exams central modules																		
29	14.07.2025	Exams central modules																		
30	21.07.2025	Exams central modules																		
31	28.07.2025	Exams central modules																		
32	04.08.2025	Exams central modules																		

Module Overview							
Specialization Modules				ECTS	Choice ¹⁾	Semester	Location
S12	Grapevine Environment - Sustainable Viticulture	Thierry Heger	thierry.heger@changins.ch	4	c	Autumn	Changins
S13	Genetic Resources and Grapevine Production	Jean-Philippe Burdet	jean-philippe.burdet@changins.ch	4	c	Autumn	Changins
S14	Winery Design	Liming Zeng	liming.zeng@changins.ch	4	c	Spring	Changins
S15	Fermented Beverages Technology, Chemistry and Microbiology	Benoit Bach	benoit.bach@changins.ch	4	c	Spring	Changins
S16	Wine Economics and Management	Alexandre Mondoux	alexandre.mondoux@changins.ch	4	c	Autumn	Changins
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	Schedule to be defined with advisor		6	c	Spring	Changins
X03	Master Project			30	c	Autumn	Changins
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	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
Cluster-specific Modules "BioPharma/BP" by MSLS				ECTS	Choice ¹⁾²⁾	Semester	Location
F1	Progresses in Food Processing			3	co	Winter school	Sion
F2	Nutrition and Nutrition Related Chronic Diseases			3	co	Winter school	Olten
F3	Foodomics			3	co	Spring	Bern and online
F4	Sustainable Food Supply Chains			3	co	Spring	Olten and online
F5	Advanced Sensory Techniques			3	co	Summer school	Changins
F6	Journal Club Food and Nutrition Sciences			3	co	Autumn	Bern
Additional Offer from other Clusters by MSLS (shown between [] in the schedule)				ECTS	Choice ¹⁾²⁾	Semester	Location
VE1	International Study Trips			3	o	-	-
CO1	Modelling of Complex Systems		Thursday	3	o	Autumn	Olten and online
CO2	Machine Learning and Pattern Recognition		Thursday	3	o	Autumn	Olten and online
CO3	Optimisation and Bio-Inspired Algorithms		Thursday	3	o	Spring	Olten and online
CO4	Imaging for the Life Sciences		Thursday	3	o	Spring	Olten and online
E2	Life Cycle Assessment		Thursday	3	o	Autumn	Bern and online
E3	Sustainable Natural Resource Management		Block week	3	o	Winter school	Zollikofen
E5	Biodiversity		Thursday	3	o	Spring	Bern and online
E6	Water Management for Households, Industry and Agriculture		Thursday	3	o	Spring	Olten and online

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.