

Contact Person	Andreas Peer	andreas-peer@hevs.ch	027 606 87 15
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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
Project and Master Thesis	Compulsory	40 ECTS

Administrative deadlines	Autumn	Spring
Module registration	22.06-26.07	07.12-10.01
Module changes	01.10	01.03

		Schedule																		Projects and Master thesis	
CW	week starting on	Monday				Tuesday				Wednesday				Thursday		Friday					
		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	17.08.2026																		X03 - Autumn - Start		
35	24.08.2026																				
36	31.08.2026																				
37	07.09.2026																				
AUTUMN SEMESTER	38	14.09.2026	Welcome Day		B1 (LT)	B2 (LT)					S08	S08	S11	S11	BP8 [or CO1]		B1	B2	X02 - Autumn - Start		
	39	21.09.2026			B1 (LT)	B2 (LT)	PI01 (Sion)				S08	S08	S11	S11	BP8 [or CO1]		B1	B2			
	40	28.09.2026			B1 (LT)	B2 (LT)				PI01	S08	S08	S11	S11	BP8 [or CO1]		B1	B2			
	41	05.10.2026			B1 (LT)	B2 (LT)				PI01	S08	S08	S11	S11	BP8 [or CO1]		B1	B2			
	42	12.10.2026			B1 (LT)	B2 (LT)				PI01	S08	S08	S11	S11	BP8 [or CO1]		B1	B2			
	43	19.10.2026			B1 (LT)	B2 (LT)				PI01	S08	S08	S11	S11	BP8 [or CO1]		B1	B2			
	44	26.10.2026			B1 (LT)	B2 (LT)	PI01 + Annual Meeting (Changins)					S08	S08	S11	S11	BP8 [or CO1]		B1	B2		
	45	02.11.2026			B4 (LT)	B3 (LT)				PI01	S08	S08	S11	S11	BP1 [or C2 or CO2]		B3	B4			
	46	09.11.2026	Exam B1		B4 (LT)	B3 (LT)				PI01	S08	S08	S11	S11	BP1 [or C2 or CO2]		B3	B4	PI01 - Draft report submission		
	47	16.11.2026	Exam B2		B4 (LT)	B3 (LT)				PI01	S08	S08	S11	S11	BP1 [or C2 or CO2]		B3	B4	PI01 - Draft report discussion		
	48	23.11.2026	Exam BP8		B4 (LT)	B3 (LT)				PI01	S08	S08	S11	S11	BP1 [or C2 or CO2]		B3	B4			
	49	30.11.2026			B4 (LT)	B3 (LT)				PI01	S08	S08	S11	S11	BP1 [or C2 or CO2]		B3	B4			
	50	07.12.2026			B4 (LT)	B3 (LT)	Immaculate Conception					S08	S08	S11	S11	BP1 [or C2 or CO2]		B3	B4	PI01 - Final report submission	
	51	14.12.2026			B4 (LT)	B3 (LT)				PI01	S08	S08	S11	S11	BP1 [or C2 or CO2]		B3	B4	X02 - Autumn - Report deadline		
	52	21.12.2026																			
	53	28.12.2026																			
	1	04.01.2027																			
	2	11.01.2027	Exam S modules												PI01 Preparation		PI01 Presentations (Fribourg)				
	3	18.01.2027	Exam B3						Exam B4						Exam BP1 [or C2]		Re-exam BP8 [or CO1]				
	4	25.01.2027	BP3 (block week) [or CO5 (block week)]																		
	5	01.02.2027																			
	6	08.02.2027	BP7 (block week) [or F2 (block week)]																		
7	15.02.2027													Exam BP7 [or F2]				X02 - Autumn - Defense			
SPRING SEMESTER	8	22.02.2027			D1 (LT)	D4 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP5 [or C4 or CO3]		D1	D4	X03 - Autumn - Report deadline		
	9	01.03.2027			D1 (LT)	D4 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP5 [or C4 or CO3]		D1	D4	X02 + X03 - Spring - Start		
	10	08.03.2027	Re-exams		D1 (LT)	D4 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP5 [or C4 or CO3]		D1	D4	X03 - Poster presentation		
	11	15.03.2027	Re-exams		D1 (LT)	D4 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP5 [or C4 or CO3]		D1	D4	X03 - Autumn - Defense		
	12	22.03.2027	Re-exams		D1 (LT)	D4 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP5 [or C4 or CO3]		Good Friday				
	13	29.03.2027	Easter Break																		
	14	05.04.2027	S10 (TBC)	S10 (TBC)	D1 (LT)	D4 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP5 [or C4 or CO3]		D1	D4			
	15	12.04.2027	S10 (TBC)	S10 (TBC)	D1 (LT)	D4 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP5 [or C4 or CO3]		D1	D4			
	16	19.04.2027	S10 (TBC)	S10 (TBC)	D2 (LT)	D3 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP6 [or C5 or CO4]		D2	D3			
	17	26.04.2027	Exam central modules		D2 (LT)	D3 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP6 [or C5 or CO4]		D2	D3			
	18	03.05.2027	Exam central modules		D2 (LT)	D3 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	Ascension		D2	D3			
	19	10.05.2027	Exam central modules		D2 (LT)	D3 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP6 [or C5 or CO4]		D2	D3			
	20	17.05.2027	Pentecost							B11	S23/S24	S23/S24	S23/S24	S23/S24	BP6 [or C5 or CO4]		D2	D3			
	21	24.05.2027	Exam central modules		D2 (LT)	D3 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP6 [or C5 or CO4]		D2	D3			
	22	31.05.2027			D2 (LT)	D3 (LT)				B11	S23/S24	S23/S24	S23/S24	S23/S24	BP6 [or C5 or CO4]		D2	D3	X02 - Spring - Report deadline		
	23	07.06.2027	S10 (block week) [or CO6 (block week)]																		
	24	14.06.2027																	X02 - Spring - Defense		
	25	21.06.2027	Exams S modules																		
	26	28.06.2027	Exam central modules																		
	27	05.07.2027																			
	28	12.07.2027	Re-exams S23 + S24																		
	29	19.07.2027																			
30	26.07.2027																				
31	02.08.2027																				
32	09.08.2027																				
33	16.08.2027	Re-exams central modules																			
34	23.08.2027	Re-exams central modules																			
35	30.08.2027																	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	jmanuel.segura@hevs.ch	4	c	Spring	Sion, 19.N308
Projects				ECTS	Choice ¹⁾	Semester	Location
PI01	Interdisciplinary project			4	c	Autumn	Various 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 ¹²⁾	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 ¹²⁾	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	Riccardo Bonazzi	riccardo.bonazzi@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	Théophile Gentilhomme	theophile.gentilhomme@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 ¹²⁾	Semester	Location
BP1	Compound Profiling in Pharmaceutical Drug Discovery			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	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				ECTS	Choice ¹²⁾	Semester	Location
CO1	Modelling of Complex Systems	Thursday	CW38-44	3	o	Autumn	Olten and online
CO2	Machine Learning and Pattern Recognitio	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
CO5	Generative AI Models in Life Sciences	Block week	CW4	3	o	Winter school	Olten
CO6	Bioinformatics Methods for Genomics and Applications	Block week	CW23	3	o	Summer school	Olten
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	Bern
CBP1	Sustainable & Green Chemistry	Block week	CW27	3	o	Summer school	Université Savoie-Mont-Blanc

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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
Project and Master Thesis	Compulsory	40 ECTS

Administrative deadlines	Autumn	Spring
Module registration	22.06-26.07	07.12-10.01
Module changes	01.10	1.03

Schedule																					
		Monday				Tuesday				Wednesday				Thursday		Friday		Projects and Master thesis			
CW	week starting on	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	17.08.2026																		X03 - Autumn - Start		
35	24.08.2026																				
36	31.08.2026																				
37	07.09.2026																				
AUTUMN SEMESTER	38	14.09.2026	Welcome Day		S04	S04	S04	S04	S05	S05		B1 (LT)	B2 (LT)			C1 [or CO1]	B1	B2	X02 - Autumn - Start		
	39	21.09.2026	S01	S01	S04	S04	PI01 (Sion)				B1 (LT)	B2 (LT)			C1 [or CO1]	B1	B2				
	40	28.09.2026	S01	S01	S04	S04	S04	S04	S05	S05	PI01	B1 (LT)	B2 (LT)			C1 [or CO1]	B1	B2			
	41	05.10.2026	S01	S01	S04	S04	S04	S04	S05	S05	PI01	B1 (LT)	B2 (LT)			C1 [or CO1]	B1	B2			
	42	12.10.2026	S01	S01	S04	S04	S04	S04	S05	S05	PI01	B1 (LT)	B2 (LT)			C1 [or CO1]	B1	B2			
	43	19.10.2026									PI01	B1 (LT)	B2 (LT)			C1 [or CO1]	B1	B2			
	44	26.10.2026	S01	S01	S04	S04	PI01 + Annual Meeting (Changins)				B1 (LT)	B2 (LT)			C1 [or CO1]	B1	B2				
	45	02.11.2026	S01	S01	S04	S04	S04	S04	S05	S05	PI01	B4 (LT)	B3 (LT)			C2 [or BP1 or CO2]	B3	B4			
	46	09.11.2026	Exam B1		S04	S04	S04	S04	S05	S05	PI01	B4 (LT)	B3 (LT)			C2 [or BP1 or CO2]	B3	B4	PI01 - Draft report submission		
	47	16.11.2026	Exam B2		S01	S01	S05	S05	S05	S05	PI01	B4 (LT)	B3 (LT)			C2 [or BP1 or CO2]	B3	B4	PI01 - Draft report discussion		
	48	23.11.2026	Exam C1		S01	S01	S05	S05	S05	S05	PI01	B4 (LT)	B3 (LT)			C2 [or BP1 or CO2]	B3	B4			
	49	30.11.2026	S01	S01	S01	S01	S05	S05	S05	S05	PI01	B4 (LT)	B3 (LT)			C2 [or BP1 or CO2]	B3	B4			
	50	07.12.2026	S01	S01	S01	S01	Immaculate Conception					B4 (LT)	B3 (LT)			C2 [or BP1 or CO2]	B3	B4	PI01 - Final report submission		
	51	14.12.2026	S01	S01	S01	S01	S05	S05	S05	S05	PI01	B4 (LT)	B3 (LT)			C2 [or BP1 or CO2]	B3	B4	X02 - Autumn - Report deadline		
	52	21.12.2026																			
	53	28.12.2026																			
	1	04.01.2027																			
2	11.01.2027														Preparation Defense PI01		PI01 Presentations Fribourg				
3	18.01.2027	Exam B3										Exam B4				Exam C2 [or BP1]		Re-exam CO1			
4	25.01.2027	C3 (block week) [or BP3 (block week) or CO5 (block week)]																			
5	01.02.2027	Exam module S01					Exam S modules														
6	08.02.2027																				
7	15.02.2027	Exam C3																			X02 - Autumn - Defense
SPRING SEMESTER	8	22.02.2027			D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C4 [or CO3]	D1	D4	X03 - Autumn - Report deadline		
	9	01.03.2027			D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C4 [or CO3]	D1	D4	X03 - Poster presentation		
	10	08.03.2027	Re-exams		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C4 [or CO3]	D1	D4			
	11	15.03.2027	Re-exams		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C4 [or CO3]	D1	D4	X03 - Autumn - Defense		
	12	22.03.2027	Re-exams		D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C4 [or CO3]	Good Friday		X03 - Autumn - Defense		
	13	29.03.2027	Easter Break																		
	14	05.04.2027			D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C4 [or CO3]	D1	D4			
	15	12.04.2027			D1 (LT)	D4 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C4 [or CO3]	D1	D4			
	16	19.04.2027			D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C5 [or CO4]	D2	D3			
	17	26.04.2027	Exam central modules		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C5 [or CO4]	D2	D3			
	18	03.05.2027	Exam central modules		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	Ascension	D2	D3			
	19	10.05.2027	Exam central modules		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C5 [or CO4]	D2	D3			
	20	17.05.2027	Pentecost				S22	S22	S03	S03	B11	X02	X02	X02	X02	C5 [or CO4]	D2	D3			
	21	24.05.2027	Exam central modules		D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C5 [or CO4]	D2	D3			
	22	31.05.2027			D2 (LT)	D3 (LT)	S22	S22	S03	S03	B11	X02	X02	X02	X02	C5 [or CO4]	D2	D3	X02 - Spring - Report deadline		
	23	07.06.2027	C6 (block week) [or CO6 (block week)]																		
	24	14.06.2027					CBP1 (kick-off)													X02 - Spring - Defense	
	25	21.06.2027	Exam S modules																		
	26	28.06.2027	Exam central modules																		
	27	05.07.2027	CBP1 (block week)																		
	28	12.07.2027	Re-exams S03 + S22										Presentations CBP1								
	29	19.07.2027																			
30	26.07.2027																				
31	02.08.2027																				
32	09.08.2027																				
33	16.08.2027	Re-exams central modules																			
34	23.08.2027	Re-exams central modules																			
35	30.08.2027																	X03 - Spring - Report deadline			

Module Overview							
Specialization Modules				ECTS	Choice ¹⁾	Semester	Location
S01	Process Chemistry and Development	Roger Marti	roger.marti@hefr.ch	4	c	Autumn	Fribourg, B00.22
S03	Process Design and Optimization	Michal Dabros	michal.dabros@hefr.ch	4	c	Spring	Fribourg, B00.22
S04	Chemical Engineering & Process Intensification	Thierry Chappuis	thierry.chappuis@hefr.ch	4	c	Autumn	Fribourg, B00.22
S05	Safety, Production and Quality	Véronique Breguet Mercier	veronique.breguetmercier@hefr.ch	4	c	Autumn	Fribourg, B00.22
S22	Analytics and Characterization	Cyril Portmann	cyril.portmann@hefr.ch	4	c	Spring	Fribourg, B00.22
Projects				ECTS	Choice ¹⁾	Semester	Location
PI01	Interdisciplinary project			4	c	Autumn	Various
Master Thesis				ECTS	Choice ¹⁾	Semester	Location
X02	Preliminary Project	Schedule to be defined with advisor		6	c	Spring	Fribourg
X03	Master Project			30	c	Autumn	Fribourg
Core Competences Data & Business by MSLS				ECTS ³⁾	Choice ¹²⁾	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 ¹²⁾	Semester	Location ³⁾
B1 (LT)	Business Administration for Life Sciences	Eric Mc Laren	eric.mclaren@hefr.ch	Part of B1	co	Autumn	Fribourg, D30.22
B2 (LT)	Management and Leadership for Life Sciences	Danielle Burkhard	danielle.burkhard@hefr.ch	Part of B2	co	Autumn	Fribourg, D30.22
B3 (LT)	Innovation and Project Management	Eric Mc Laren	eric.mclaren@hefr.ch	Part of B3	co	Autumn	Fribourg, D30.22
B4 (LT)	Politics and Society	Danielle Burkhard	danielle.burkhard@hefr.ch	Part of B4	co	Autumn	Fribourg, D30.22
D1 (LT)	Handling and Visualising Data	Florence Yerly	florence.yerly@hefr.ch	Part of D1	co	Spring	Fribourg, C30.16
D2 (LT)	Design and Analysis of Experiments	Florence Yerly	florence.yerly@hefr.ch	Part of D2	co	Spring	Fribourg, C30.16
D3 (LT)	Modelling and Exploration of Multivariate Data	Florence Yerly	florence.yerly@hefr.ch	Part of D3	co	Spring	Fribourg, C30.16
D4 (LT)	Data and Ethics	Rudolf Scheurer	rudolf.scheurer@hefr.ch	Part of D4	co	Spring	Fribourg, C30.16
Cluster-specific Modules "Chemistry" by MSLS				ECTS	Choice ¹²⁾	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
CBP1	Sustainable & Green Chemistry			3	o	Summer school	Université Savoie-Mont-Blanc
Additional Offer from other Clusters by MSLS ⁶⁾				ECTS	Choice ¹²⁾	Semester	Location
CO1	Modelling of Complex Systems	Thursday	CW38-44	3	o	Autumn	Olten and online
CO2	Machine Learning and Pattern Recognitio	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
CO5	Generative AI Models in Life Sciences	Block week	CW4	3	o	Winter school	Olten
CO6	Bioinformatics Methods for Genomics and Applications	Block week	CW23	3	o	Summer school	Olten
BP1	Compound Profiling in Pharmaceutical Drug Discovery	Thursday	CW45-51	3	o	Autumn	Olten and online
BP3	Design of Biopharmaceutical Production Facilities	Block week	CW4	3	o	Winter school	Wädenswil

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
Project and Master Thesis	Compulsory	40 ECTS

Administrative deadlines	Autumn	Spring
Module registration	22.06-26.07	07.12-10.01
Module changes	01.10	1.03

AUTUMN SEMESTERSPRING SEMESTER

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	Applied 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	Various
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 ¹²⁾	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 ¹²⁾	Semester	Location ³⁾
B1 (LT)	Business Administration for Life Sciences	Melanie Weikert	melanie.weikert@changins.ch	Part of B1	co	Autumn	Changins
B2 (LT)	Management and Leadership for Life Sciences	Melanie Weikert	melanie.weikert@changins.ch	Part of B2	co	Autumn	Changins
B3 (LT)	Innovation and Project Management	Melanie Weikert	melanie.weikert@changins.ch	Part of B3	co	Autumn	Changins
B4 (LT)	Politics and Society	Melanie Weikert	melanie.weikert@changins.ch	Part of B4	co	Autumn	Changins
D1 (LT)	Handling and Visualising Data	David Singer	david.singer@changins.ch	Part of D1	co	Spring	Changins
D2 (LT)	Design and Analysis of Experiments	David Singer	david.singer@changins.ch	Part of D2	co	Spring	Changins
D3 (LT)	Modelling and Exploration of Multivariate Data	David Singer	david.singer@changins.ch	Part of D3	co	Spring	Changins
D4 (LT)	Data and Ethics	David Singer	david.singer@changins.ch	Part of D4	co	Spring	Changins
Cluster-specific Modules "BioPharma/BP" by MSLS				ECTS	Choice ¹²⁾	Semester	Location
F1	Progresses in Food Processing			3	co	Winter school	Sion
F2	Nutrition and Nutrition Related Chronic Diseases			3	co	Winter school	Bern
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 and online
E2	Life Cycle Assessment			3	o	Autumn	Bern and online
E3	Sustainable Natural Resource Management			3	o	Winter school	Zollikofen
E5	Biodiversity			3	o	Spring	Bern/Zollikofen and online
E6	Water Management for Households, Industry and Agriculture			3	o	Spring	Olten and online
Additional Offer from other Clusters by MSLS (shown between [] in the schedule)				ECTS	Choice ¹²⁾	Semester	Location
VE1	International Study Trips			3	o		-
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
CO5	Generative AI Models in Life Sciences	Block week	CW4	3	o	Winter school	Olten
CO6	Bioinformatics Methods for Genomics and Applications	Block week	CW23	3	o	Summer 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 Changins in Autumn and online in Spring.