

Contact Person	Olivier Nicolet	olivier.nicolet@hefr.ch	026 429 67 05
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Study plan		
Core Competences	Minimum 5 modules (15 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	20.06 - 17.07	05.12-08.01
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	8:15 - 9:50	10:15 - 11:50	13:00 - 14:35	15:00 - 16:35	9:45 - 15:45	9:15 - 17:15	
33	15.08.2022															X03 - Start
34	22.08.2022															
35	29.08.2022															
36	05.09.2022															
37	12.09.2022															
38	19.09.2022	S01	S01	S04	S04	S04	S04	S05	S05	B1 (LT)	B1 (LT)			C1	B1	
39	26.09.2022	S01	S01	S04	S04	S04	S04	S05	S05	B1 (LT)	B1 (LT)			C1	B1	
40	03.10.2022	S01	S01	S04	S04	S04	S04	S05	S05	B1 (LT)	B1 (LT)			C1	B1	
41	10.10.2022	S01	S01	S04	S04	S04	S04	S05	S05	B1 (LT)	B2 (LT)			C1	B1 - B2	
42	17.10.2022	S01	S01			S04	S04	S05	S05	B2 (LT)	B2 (LT)	X01	X01	C1	B2	X01 - Start
43	24.10.2022									B2 (LT)	B2 (LT)	X01	X01	C1	B2	
44	31.10.2022	S01	S01	S01	X01	All Saints				B2 (LT)	B2 (LT)	X01	X01	C1	B2	
45	07.11.2022	S01	S01	S01	X01	S04	S04	S05	S05	B3 (LT)	B4 (LT)	X01	X01	C2	B3 + B4	
46	14.11.2022	Exam B1		S01	X01	S04	S04	S05	S05	B3 (LT)	B4 (LT)	X01	X01	C2	B3 + B4	
47	21.11.2022	Exam B2		S01	X01	S04	S04	S05	S05	B3 (LT)	B4 (LT)	X01	X01	C2	B3 + B4	
48	28.11.2022	Exam C1		S01	X01	S04	S04	S05	S05	B3 (LT)	B4 (LT)	X01	X01	C2	B3 + B4	
49	05.12.2022	S01	S01	S01	X01	S04	S04	S05	S05	B3 (LT)	B4 (LT)	X01	X01	C2	B3 + B4	
50	12.12.2022	S01	S01	S01	X01	S05	S05	S05	S05	B3 (LT)	B4 (LT)	X01	X01	C2	B3 + B4	
51	19.12.2022	S01	S01	S01	X01	S05	S05	S05	S05	B3 (LT)	B4 (LT)	X01	X01	C2	B3 + B4	
52	26.12.2022															
1	02.01.2023															
2	09.01.2023															
3	16.01.2023	Exams central modules														X01 - Report deadline
4	23.01.2023	Exams S-Modules														
5	30.01.2023															
6	06.02.2023	C3 (block week)														
7	13.02.2023	Exams block weeks														
8	20.02.2023			D1 (LT)	D4 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C4	D1 + D4	X02 - Start
9	27.02.2023			D1 (LT)	D4 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C4	D1 + D4	X03 - Report deadline
10	06.03.2023			D1 (LT)	D4 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C4	D1 + D4	
11	13.03.2023	Re-exam B4		D1 (LT)	D4 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C4	D1 + D4	
12	20.03.2023			D1 (LT)	D4 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C4	D1 + D4	X03 - Defense
13	27.03.2023			D1 (LT)	D4 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C4	D1 + D4	
14	03.04.2023			D1 (LT)	D4 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C4	Good Friday	
15	10.04.2023	Easter Monday												C5	D2 + D3	
16	17.04.2023			D2 (LT)	D2 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C5	D2 + D3	
17	24.04.2023			D2 (LT)	D3 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C5	D2 + D3	
18	01.05.2023	Exam C4		D2 (LT)	D3 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C5	D2 + D3	
19	08.05.2023			D2 (LT)	D3 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C5	D2 + D3	
20	15.05.2023			D2 (LT)	D3 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	Ascension	D2 + D3	
21	22.05.2023			D2 (LT)	D3 (LT)	S22	S22	S03	S03	X02	X02	X02	X02	C5	D2 + D3	
22	29.05.2023	Pentecost														
23	05.06.2023													Corpus Christi		X02 - Defense
24	12.06.2023	Exams central modules														X02 - Defense
25	19.06.2023	Exams S-Modules														
26	26.06.2023	C6 (block week)														
27	03.07.2023															
28	10.07.2023															
29	17.07.2023															
30	24.07.2023															
31	31.07.2023															
32	07.08.2023															
33	14.08.2023															X03 - Start
34	21.08.2023															
35	28.08.2023															
36	04.09.2023															
37	11.09.2023															

Week	Date	Time	Module	Location
CW46	14.11.2022	08:30-10:30	B1	Fribourg, room tbd
CW47	21.11.2022	08:30-10:30	B2	Fribourg, room tbd
CW48	28.11.2022	08:30-10:30	C1	Fribourg, room tbd
CW3	tbd	tbd	Re-exam B1	Fribourg, room tbd
CW3	tbd	tbd	Re-exam B2	Fribourg, room tbd
CW3	tbd	tbd	B3	Fribourg, room tbd
CW3	tbd	tbd	B4	Fribourg, room tbd
CW3	tbd	tbd	C2	Fribourg, room tbd
CW4	tbd	tbd	S01	Fribourg, room tbd
CW4	tbd	tbd	S04	Fribourg, room tbd
CW4	tbd	tbd	S05	Fribourg, room tbd
CW7	tbd	tbd	C3	Fribourg, room tbd
CW11	01.05.2023	tbd	Re-exam B4	Fribourg, room tbd

Week	Date	Time	Module	Location
CW18	01.05.2023	tbd	C4	Fribourg, room tbd
CW24	tbd	tbd	D2	Fribourg, room tbd
CW24	tbd	tbd	D3	Fribourg, room tbd
CW24	tbd	tbd	C5	Fribourg, room tbd
CW24	tbd	tbd	Re-exam C4	Fribourg, room tbd
CW25	tbd	tbd	S03	Fribourg, room tbd
CW25	tbd	tbd	S22	Fribourg, room tbd
CW32	tbd	tbd	Re-exam C5	Fribourg, room tbd
CW32	tbd	tbd	Re-exam D2	Fribourg, room tbd

For X01, X02 and X03, individual deadlines and defences are communicated to students on the exam timetable.

Module Overview					
Specialization Modules					
S01	Process Chemistry and Development	Roger Marti	roger.marti@hefr.ch	ECTS	Choice ¹⁾ Semester Location
S03	Process Design and Optimization	Michal Dabros	michal.dabros@hefr.ch	4	c Autumn 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
Master Thesis					
X01	Literature Review and Research Proposal			ECTS	Choice ¹⁾ Semester Location
X02	Preliminary Project			4	c Autumn Fribourg
X03	Master Project			6	c Spring Fribourg
				30	c Autumn Fribourg
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
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	Annaële Hervé	annaeele.herve@hefr.ch	ECTS ³⁾	Choice ¹⁾²⁾ Semester Location ³⁾
B2 (LT)	Management and Leadership for Life Sciences	Danielle Burkhard	danielle.burkhard@hefr.ch	Part of B1	co Autumn Fribourg B00.22
B3 (LT)	Innovation and Project Management	Eric Mc Laren	eric.mclaren@hefr.ch	Part of B2	co Autumn Fribourg B00.22
B4 (LT)	Politics and Society	Eric Mc Laren	eric.mclaren@hefr.ch	Part of B3	co Autumn Fribourg B00.22
D1 (LT)	Handling and Visualising Data	Annaële Hervé	annaeele.herve@hefr.ch	Part of B4	co Autumn Fribourg B00.22
D2 (LT)	Design and Analysis of Experiments	Florence Yerly	florence.yerly@hefr.ch	Part of D1	co Spring Fribourg B00.22
D3 (LT)	Modelling and Exploration of Multivariate Data	Florence Yerly	florence.yerly@hefr.ch	Part of D2	co Spring Fribourg B00.22
D4 (LT)	Data and Ethics	Florence Yerly	florence.yerly@hefr.ch	Part of D3	co Spring Fribourg B00.22
		Rudolf Scheurer	rudolf.scheurer@hefr.ch	Part of D4	co Spring Fribourg B00.22
Cluster-specific Modules "Chemistry" by MSLS					
C1	Materials Science			ECTS	Choice ¹⁾²⁾ Semester Location
C2	Surface Characterisation			3	co Autumn Olten and online
C3	Polymers and Applications			3	co Autumn Olten and online
C4	Green Chemistry			3	co Winter school Fribourg
C5	Chemistry and Energy			3	co Spring Olten and online
C6	Industrial Chemical Process Safety			3	co Spring Olten and online
				3	co Summer school Fribourg
Additional Offer from other Clusters by MSLS ⁶⁾					
BECS1	Modelling of Complex Systems			ECTS	Choice ¹⁾²⁾ Semester Location
BP1	Compound Profiling in Pharmaceutical Drug Discovery		Wednesday CW38-44	3	o Autumn Olten and online
BP3	Design of Biopharmaceutical Production Facilities		Thursday CW38-44	3	o Autumn Olten and online
			Block week CW4	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.

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Study plan	
Core Competences	Minimum 5 modules (15 ECTS)
Cluster-specific Modules	Minimum 3 modules (9 ECTS)
Additional Offer	Optional
Specialization Modules	Compulsory
Master Thesis	Compulsory
	30 ECTS
	20 ECTS
	40 ECTS

Administrative deadlines	Autumn	Spring
Module registration	20.06 - 17.07	05.12-08.01
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	8:50 - 10:25	10:40 - 12:15	13:15 - 14:50	15:05 - 16:40	9:45 - 15:45	9:15 - 17:15
33	15.08.2022														
34	22.08.2022														
35	29.08.2022														
36	05.09.2022														
37	12.09.2022	Semaines d'intégration Vitifera													
38	19.09.2022	Lundi du Jeûne				S13	S13					B1 (LT)	B1 (LT)	F6	B1
39	26.09.2022	S12	S12	S16	S16	S13	S13	S13						F6	B1
40	03.10.2022	S12	S12	S16	S16	S13	S13	S12 + S13						F6	B1
41	10.10.2022	S12	S12	S16	S16	S13	S13	S12						F6	B1 - B2
42	17.10.2022	S12	S12	S16	S16	S13	S13	S12 + S13						F6	B2
43	24.10.2022	S12	S12	S16	S16	S13	S13	S12						F6	B2
44	31.10.2022	S12	S12	S16	S16	S13	S13	S16						F6	B2
45	07.11.2022	S12	S12	S16	S16	S13	S13	S16						[E2]	B3 + B4
46	14.11.2022	Exam B1		S16	S16	S13	S13	S16						[E2]	B3 + B4
47	21.11.2022	Exam B2		S16	S16	S13	S13	S16						[E2]	B3 + B4
48	28.11.2022	S12	S12	S16	S16	S13	S13	S12 + S16						[E2]	B3 + B4
49	05.12.2022	S12	S12	S16	S16	S13	S13	S13						[E2]	B3 + B4
50	12.12.2022	S12	S12	S16	S16	S13	S13	S13						[E2]	B3 + B4
51	19.12.2022	S12	S12	S16	S16	S13	S13	S13						[E2]	B3 + B4
52	26.12.2022														
53	02.01.2023														
2	09.01.2023	Exams S-Modules													
3	16.01.2023	Exams central modules													
4	23.01.2023	F1 (block week) [or E3 (block week)]													
5	30.01.2023														
6	06.02.2023	F2 (block week)													
7	13.02.2023	Exams block weeks													
8	20.02.2023	S15	S15	D1 (LT)	D4 (LT)	S14	S14	S14						F3 [or E5]	D1 + D4
9	27.02.2023	S15	S15	D1 (LT)	D4 (LT)	S14	S14	S14						F3 [or E5]	D1 + D4
10	06.03.2023	S15	S15	D1 (LT)	D4 (LT)	S14	S14	S14						F3 [or E5]	D1 + D4
11	13.03.2023	Re-exam B4		D1 (LT)	D4 (LT)	S14	S14	S14						F3 [or E5]	D1 + D4
12	20.03.2023	S15	S15	D1 (LT)	D4 (LT)	S14	S14	S14						F3 [or E5]	D1 + D4
13	27.03.2023	Re-exam F1		D1 (LT)	D4 (LT)	S14	S14	S14						F3 [or E5]	D1 + D4
14	03.04.2023	S15	S15	D1 (LT)	D4 (LT)	S14	S14	S14						F3 [or E5]	Good Friday
15	10.04.2023	Easter Monday												F4 [or E6]	D2 + D3
16	17.04.2023	S15	S15	D2 (LT)	D3 (LT)	S14	S14	S14						F4 [or E6]	D2 + D3
17	24.04.2023	S15	S15	D2 (LT)	D3 (LT)	S14	S14	S14						F4 [or E6]	D2 + D3
18	01.05.2023	Exam F3		D2 (LT)	D3 (LT)	S14	S14	S14						F4 [or E6]	D2 + D3
19	08.05.2023	S15	S15	D2 (LT)	D3 (LT)	S15	S15							F4 [or E6]	D2 + D3
20	15.05.2023	S15	S15	D2 (LT)	D3 (LT)	S14	S14	S14						Ascension	D2 + D3
21	22.05.2023	S15	S15	D2 (LT)	D3 (LT)	S14	S14	S14						F4 [or E6]	D2 + D3
22	29.05.2023	Pentecost				S14	S14	S14						F4 [or E6]	D2 + D3
23	05.06.2023	Exams S-Modules													
24	12.06.2023	Exams central modules													
25	19.06.2023	F5 (block week)													
26	26.06.2023														
27	03.07.2023	Exams block weeks													
28	10.07.2023														
29	17.07.2023														
30	24.07.2023														
31	31.07.2023														
32	07.08.2023														
33	14.08.2023														
34	21.08.2023														
35	28.08.2023														
36	04.09.2023														
37	11.09.2023														

Exams Autumn Semester 2020				
Week	Date	Time	Module	Location
CW46	14.11.2022	08:30-10:30	B1	Changins, room tbd
CW47	21.11.2022	08:30-10:30	B2	Changins, room tbd
CW2	tbd	tbd	S12	Changins, room tbd
CW2	tbd	tbd	S13	Changins, room tbd
CW2	tbd	tbd	S16	Changins, room tbd
CW3	tbd	tbd	Re-exam B1	Changins, room tbd
CW3	tbd	tbd	Re-exam B2	Changins, room tbd
CW3	tbd	tbd	B3	Changins, room tbd
CW3	tbd	tbd	B4	Changins, room tbd
CW7	tbd	tbd	F1	Changins, room tbd
CW7	tbd	tbd	F2	Changins, room tbd
CW11	13.03.2023	10:30-12:30	Re-exam B4	Changins, room tbd
CW13	27.03.2023	08:30-10:30	Re-exam F1	Changins, room tbd

Exams Spring Semester 2021				
Week	Date	Time	Module	Location
CW18	01.05.2023	08:30-10:30	F3	Changins, room tbd
CW23	tbd	tbd	S14	Changins, room tbd
CW23	tbd	tbd	S15	Changins, room tbd
CW24	tbd	tbd	D2	Changins, room tbd
CW24	tbd	tbd	D3	Changins, room tbd
CW24	tbd	tbd	E6	Changins, room tbd
CW24	tbd	tbd	Re-exam F3	Changins, room tbd
CW24	tbd	tbd	Re-exam E5	Changins, room tbd
CW27	tbd	tbd	F5	Changins, room tbd
CW32	tbd	tbd	Re-exam F4	Changins, room tbd
CW32	tbd	tbd	Re-exam D2	Changins, room tbd
CW32	tbd	tbd	Re-exam F5	Changins, room tbd

For X01, X02 and X03, individual deadlines and defences are communicated to students on the exam timetable.

Module Overview				
Specialization Modules	ECTS	Choice ¹⁾	Semester	Location
S12 Grapevine Environment - Sustainable Viticulture	4	c	Autumn	Changins
S13 Genetic Resources and Grapevine Production	4	c	Autumn	Changins
S14 Winery Design	4	c	Spring	Changins
S15 Fermented Beverages Technology, Chemistry and Microbiology	4	c	Spring	Changins
S16 Wine Economics and Management	4	c	Autumn	Changins
Master Thesis	ECTS	Choice ¹⁾	Semester	Location
X01 Literature Review and Research Proposal	4	c	Autumn	Changins
X02 Preliminary Project	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
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	Changins
B2 (LT) Management and Leadership for Life Sciences	Part of B2	co	Autumn	Changins
B3 (LT) Innovation and Project Management	Part of B3	co	Autumn	Changins
B4 (LT) Politics and Society	Part of B4	co	Autumn	Changins
D1 (LT) Handling and Visualising Data	Part of D1	co	Spring	Online
D2 (LT) Design and Analysis of Experiments	Part of D2	co	Spring	Online
D3 (LT) Modelling and Exploration of Multivariate Data	Part of D3	co	Spring	Online
D4 (LT) Data and Ethics	Part of D4	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
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 and online
E6 Water Management for Households, Industry and Agriculture	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.