

			Periode		Autumn-semester 2025																												Spring-semester 2026																													
			Month	Calendar week	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	August	Sept.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	August	Sept.																																
			Code	Modules	ECTS	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	37					
Cooperation CC			Core Competences (at least 12 ECTS)																																																											
Lessons: Friday, whole day																																																														
Location: online. For the details please check moodle (https://mislcommunitycentre.ch/)																																																														
V - Recommendation																																																														
all V, V2 and V5 obligat.	D1	Handling and Visualising Data <i>Decentralized Teaching ZHAW in Wädenswil (Tuesday Morning)</i>	3	D1 D1 D1 D1 D1 D1 D1																																																										
all V	D4	Data and Ethics <i>Decentralized Teaching ZHAW in Wädenswil (Tuesday Morning)</i>	3	D4 D4 D4 D4 D4 D4 D4 E																																																										
all V, V5 obligat.	D2	Design and Analysis of Experiments <i>Decentralized Teaching ZHAW in Wädenswil (Tuesday Morning)</i>	3	D2 D2 D2 D2 D2 D2 D2																																																										
all V, V5 obligat.	D3	Modelling and Exploration of Multivariate Data <i>Decentralized Teaching ZHAW in Wädenswil (Tuesday Morning)</i>	3	D3 D3 D3 D3 D3 D3 D3																																																										
all V	B1	Business Administration for Life Sciences <i>Decentralized Teaching ZHAW in Wädenswil (Tuesday Morning)</i>	3	B1 B1 B1 B1 B1 B1 B1																																																										
all V	B2	Management and Leadership for Life Sciences <i>Decentralized Teaching ZHAW in Wädenswil (Tuesday Morning)</i>	3	B2 B2 B2 B2 B2 B2 B2																																																										
all V	B3	Innovation and Project Management <i>Decentralized Teaching ZHAW in Wädenswil (Tuesday Morning)</i>	3	B3 B3 B3 B3 B3 B3 B3																																																										
all V	B4	Politics and Society <i>Decentralized Teaching ZHAW in Wädenswil (Tuesday Morning)</i>	3	B4 B4 B4 B4 B4 B4 B4																																																										
Cooperation CS			Cluster specific modules (at least 9 ECTS)																																																											
Time: Thursday whole day or blockweek (BW) in CW 4, 6, 23																																																														
Location: tba. For the details please check moodle (https://mislcommunitycentre.ch/)																																																														
Cluster / Group																																																														
Food	F1	Progress in Food Processing (BW)	3	F1																																																										
Food	F2	Nutrition and Nutrition Related Chronic Diseases (BW)	3	F2																																																										
Food	F3	Foodomics	3	F3																																																										
Food	F4	Sustainable Food Supply Chains	3	F4																																																										
Food	F5	Advanced Sensory Techniques (BW)	3	F5																																																										
Food	F6	Journal Club "Food and Nutrition Sciences"	3	F6																																																										
Bio/Pharma	BP1	Compound Profiling in Pharmaceutical Drug Discovery	3	BP1																																																										
Bio/Pharma	BP8	Physicochemical Principles in Pharmaceutics	3	BP8																																																										
Bio/Pharma	BP3	Design of Biopharmaceutical Production Facilities (BW)	3	BP3																																																										
Bio/Pharma	BP4	Regulatory Affairs (BW)	3	BP4																																																										
Bio/Pharma	BP5	Physiology and Immunotherapies	3	BP5																																																										
Bio/Pharma	BP6	Tissue Engineering for Drug Discovery	3	BP6																																																										
Bio/Pharma	BP7	Bioanalytics in a Regulated Environment (BW)	3	BP7																																																										
Chemistry	C1	Materials Science	3	C1																																																										
Chemistry	C2	Surface Characterisation	3	C2																																																										
Chemistry	C3	Polymers and Applications (BW)	3	C3																																																										
Chemistry	C4	Green Chemistry	3	C4																																																										
Chemistry	C5	Chemistry and Energy	3	C5																																																										
Chemistry	C6	Industrial Chemical Process Safety (BW)	3	C6																																																										
Environment	E1	Journal Club Environmental and Natural Resource Sciences	3	E1																																																										
Environment	E2	Life Cycle Assessment	3	E2																																																										
Environment	E3	Sustainable Natural Resource Management (BW)	3	E3																																																										
Environment	E4	Ecological Infrastructure in Landscapes (BW)	3	E4																																																										
Environment	E5	Biodiversity	3	E5																																																										
Environment	E6	Water Management for Households, Industry and Agriculture	3	E6																																																										
Computation, V5 obligat	CO1	Modelling of Complex Systems	3	CO1																																																										
Computation	CO2	Machine Learning and Pattern Recognition	3	CO2																																																										
Computation, V5 obligat	CO3	Optimisation and Bio-Inspired Algorithms	3	CO3																																																										
Computation	CO4	Imaging for the Life Sciences	3	CO4																																																										
ZHAW ILGI	V1	Food and Beverage Innovation (Total 20 ECTS)	ECTS																																																											
Time: Mon afternoon & Wed																																																														
Location: see weekly schedule																																																														
	V1_1	Food Innovation	5	V1_1																																																										
	V1_2	Product and Process Design	5	V1_2																																																										
	V1_3	Innovations in sustainable Food Packaging and Supply Chain	5	V1_3																																																										
	V1_4	Food, Society and Nutrition	5	V1_4																																																										
	V1_5	Digital Food Business	3	V1_5																																																										
ZHAW ICBT	V2	Pharmaceutical Biotechnology (Total 20 ECTS)	ECTS																																																											
Time: mostly Monday, other days possible																																																														
Location: see weekly schedule																																																														
	V2_1	Biodesign: Ways to Active Pharmaceutical Ingredients (API)	5	V2_1																																																										
	V2_2	Bioprocessing and Bioanalytics	5	V2_2																																																										
	V2_3	Downstream and Safety (note o !)	5	V2_3																																																										
	V2_4	Drug Formulation and Biological Test Systems	5	V2_4																																																										
ZHAW ICBT	V3	Chemistry for the Life Sciences (Total 20 ECTS)	ECTS																																																											
Presence-time: primarily Mon-Wed, partly whole week																																																														
Location: see weekly schedule																																																														
	V3_1	Small Active Molecules	4	V3_1																																																										
	V3_2	Big Active Molecules (note x !)	4	V3_2																																																										
	V3_3	Biomaterial and Functional Surfaces	4	V3_3																																																										
	V3_4	Analytical Technologies	4	V3_4																																																										
	V3_5	Green Chemistry - Advanced Concepts	4	V3_5																																																										
ZHAW ICLS	V5	Applied Computational Life Sciences (Total 30 ECTS)	ECTS																																																											
Time: Attendance time Mon & Tue, Track modules individually																																																														
Location: see weekly schedule																																																														
	V5_1	Programming Algorithms and Data-Structures	5	V5_1																																																										
obligat.	V5_2	Mathematical Modelling	5	V5_2																																																										
obligat.	V5_3	Track module 1	5	V5_3																																																										
	V5_4	Databases and Data Architecture Systems	4	V5_4																																																										
	V5_6	Neural Networks and Deep Learning	3	V5_6																																																										
obligat.	V5_7	Track module 2	5	V5_7																																																										
	V5_8	Computational Life Science Seminar	3	V5_8																																																										
	V5_9	Advanced Deep Learning	3	V5_9																																																										
	V5_10	Relational Databases	2	V5_10																																																										
obligat.	V5_11	Advanced Data Architectures	3	V5_11																																																										
	V5_12	Introduction to Neural Networks	2	V5_12																																																										
obligat.	V5_13	Deep Learning	3	V5_13																																																										
	V5_14	Software Engineering and Design Patterns	3	V5_14																																																										
	V5_15	Developing Software as a Product	3	V5_15																																																										
ZHAW	V1 - V5	Master's Thesis (Total 30-40 ECTS)	ECTS																																																											
Location: ZHAW or external																																																														
by arrangement	V_M	Master's Thesis (V1-V3)	40	V_M																																																										
by arrangement	V_M	Master's Thesis (V5)	30	V_M																																																										

Legend Exams
E = Exams
 Location and Timing: see examination plan <https://mislcommunitycentre.ch/>

Legend PB & CLS
O Project week Downstream and Safety
 If 2 groups CW 8 & 9 (each 3 days)
 If more than 2 groups CW 8 & 9 and CW 26 & 27 (each 3 days)
x Project week Big Active Molecules CW 25 (5 days)

Legend public holiday
 I Weeks with holiday, which affects module days
 CW 14 / 15 Good Friday, 03 April & Easter Monday, 06 April 2026
 CW 20 Ascension, Thursday, 14 May 2026
 CW 22 Whit Monday, 25 May 2026
 CW 31 CH National Holiday, Saturday, 01 August 2026
 CW 52/53 Christmas & New Year 2026/2027