MASTER OF SCIENCE IN LIFE SCIENCES (MSc LS)
Organigramm

A cooperation between BFH, FHNW, HES-SO, ZHAW

Steering Committee

Roland Stähli	BFH
Olivier Naef	HES-SO
Julia Rausenberger	FHNW
Diyana Petrova	ZHAW

Coordinating Office: Alessandra Züblin — ZHAW

Programme Directors

Roland Stähli	BFH
Georg Lipps	FHNW
Urban Frey	HES-SO
Andreas Hock	ZHAW

Heads of Specialisations

Cluster Food		Cluster Bio/Pharma		Cluster Chemistry		Cluster Environment		Cluster Computation	
Food and Beverage Innovation (FBI) **Sandra Burri**	ZHAW	Pharmaceutical Biotechnology (PB) **Steffi Lehmann**	ZHAW	Chemistry for the Life Sciences (CLS) **Jürgen Stohner**	ZHAW	Agricultural Sciences (AS) **Fabio Mascher**	BFH	Applied Computational Life Sciences (ACLS) **Matthias Nyfeler**	ZHAW
Viticulture and Enology (VE) **Liming Zeng**	HES-SO	Applied Biosciences (AB) **Andreas Peer**	HES-SO	Chemical Development and Production (CDP) **Olivier Nicolet**	HES-SO	Regional Management in Mountain Areas (RMA) **Jean-Jaques Thormann**	BFH	Data Science (DS) **Abdullah Kahraman**	FHNW
Food, Nutrition and Health (FNH) **Marie-Noëlle Falquet**	BFH	Bioanalytics (BA) **Dominik Meinel**	FHNW	Analytical Chemistry (AC) **Stefan Gaugler**	FHNW	Forest Science (FS) **Holger Griess**	BFH		
		Pharmatechnology (PT) **Martin Kuentz**	FHNW	Chemical Engineering (CE) **Wolfgang Riedl**	FHNW	Environmental Technologies (ET) **Armin Zenker**	FHNW		
		Applied Cell Biology (ACB) **Laura Suter-Dick**	FHNW	Organic and Supramolecular Chemistry (OSC) **Patrick Shahgaldian**	FHNW				
		Biotechnology (BT) **Thomas Villiger**	FHNW						

Module Coordinators

Core Competences (CC-Modules)

B1 Business Administration for Life Sciences – **Wendy Karli**
B2 Management and Leadership for Life Sciences – **Daniel Spinnler**
B3 Innovation and Project Management – **Robert Vorburger**
B4 Politics and Society – **Ian Jennings**
D1 Handling and Visualising Data – **Manuel Gil**
D2 Design and Analysis of Experiments – **Stefanie Feiler**
D3 Modelling and Exploration of Multivariate Data – **Yulia Sandamirskaya**
D4 Data and Ethics – **Pascal Moriggl**

Cluster-specific Modules (CS-Modules)

F1 Progresses in Food Processing – **Michael Beyrer**
F2 Nutrition and Nutrition Related Chronic Diseases – **Leonie Bogl**
F3 Foodomics – **Wolfram Brück**
F4 Sustainable Sourcing, Processing and Tracing of Food – **Claudia Müller**
F5 Advanced Sensory Techniques – **Pascale Deneulin**
F6 Journal Club "Food and Nutrition Sciences" – **Franziska Götze**

BP1 Compound Profiling in Pharmaceutical Drug Discovery – **Laura Suter-Dick**
BP3 Design of Biopharmaceutical Production Facilities – **Cedric Schirmer**
BP4 Regulatory Affairs – **Marc Pfeifer**
BP5 Physiology and Immunotherapies – **Bruno Schnyder**
BP6 Tissue Engineering for Drug Discovery – **Michael Raghunath**
BP7 Bioanalytics in a Regulated Environment – **Saša Miladinović**
BP8 Physicochemical Principles in Pharmaceutics – **Oliver Germershaus**

C1 Materials Science – **Michael de Wild**
C2 Surface Characterisation – **Michael de Wild**
C3 Polymers and Applications – **Roger Marti**
C4 Green Chemistry – **Jürgen Stohner**
C5 Chemistry and Energy – **Jürgen Stohner**
C6 Industrial Chemical Process and Safety – **Ludovic Gremaud**

E1 Journal Club Environmental and Natural Resource Sciences – **Lindsey Norgrove**
E2 Life Cycle Assessment – **Matthias Meier**
E3 Sustainable Natural Resource Management – **Dominic Blättler**
E4 Ecological Infrastructure in Landscapes – **Claude Fischer**
E5 Biodiversity – **Alessandra Giuliani**
E6 Water Management for Households, Industry and Agriculture – **Christoph Hugi**

CO1 Modelling of Complex Systems – **Sven Hirsch**
CO2 Machine Learning and Pattern Recognition – **Matthias Nyfeler**
CO3 Optimisation and Bio-Inspired Algorithms – **Thomas Ott**
CO4 Imaging for the Life Sciences – **Andreas Hock**
CO5 Generative AI Models in Life Sciences – **Ahmad Aghaebrahimian**
CO6 Bioinformatics Methods for Genomics and Applications – **Enkelejda Miho**