

# Framework Timetable Pharmaceutical Biotechnology

## Autumn Semester

## Spring Semester

CW38-44		
Mon-Tues (Wädenswil and online)	Thursday (Olten and online)	Friday (online)
V2_1 Biodesign: Ways to Active Pharmaceutical Ingredients	BP1 Compound Profiling in Pharmaceutical Drug Discovery	D1 Handling and Visualising Data
V2_2 Bioprocessing and Bioanalytics	CO1 Modelling of Complex Systems	D4 Data and Ethics
<b>Comment</b>	- mostly Monday - Modules can be attended in the same semester	<b>Attention:</b> Modules can <b>not</b> be attended in the same semester  <b>Attention:</b> decentralized Teaching takes place on Tuesday morning in Wädenswil

CW08-14		
Mon-Tues (Wädenswil and online)	Thursday (Berne/Olten and online)	Friday (online)
V2_3 Downstream and Safety	BP5 Physiology and Immunotherapies (Berne)	B1 Business Administration for Life Sciences
V2_4 Drug Formulation and Biological Test Systems	C4 Green Chemistry (Olten)	B2 Management and Leadership for Life Sciences
<b>Comment</b>	- mostly Monday - Modules can be attended in the same semester	<b>Attention:</b> Modules can <b>not</b> be attended in the same semester  <b>Attention:</b> decentralized Teaching takes place on Tuesday morning in Wädenswil

CW45-51		
Mon-Tues (Wädenswil and online)	Thursday (Olten and online)	Friday (online)
V2_1 Biodesign: Ways to Active Pharmaceutical Ingredients	BP8 Physicochemical Principles in Pharmaceutics	D2 Design and Analysis of Experiments
V2_2 Bioprocessing and Bioanalytics		D3 Modelling and Exploration of Multivariate Data
<b>Comment</b>	- mostly Monday - Modules can be attended in the same semester	- Modules can be attended in the same semester  <b>Attention:</b> decentralized Teaching takes place on Tuesday morning in Wädenswil

CW15-21		
Mon-Tues (Wädenswil and online)	Thursday (Olten and online)	Friday (online)
V2_3 Downstream and Safety	BP6 Tissue Engineering for Drug Discovery	B3 Innovation and Project Management
V2_4 Drug Formulation and Biological Test Systems		B4 Politics and Society
<b>Comment</b>	- mostly Monday - Modules can be attended in the same semester  <b>Attention:</b> Project week possible in weeks <b>08, 09, 26, 27</b>	- Modules can be attended in the same semester  <b>Attention:</b> decentralized Teaching takes place on Tuesday morning in Wädenswil

CW02-06	CW04	CW06
V2_1 Biodesign: Ways to Active Pharmaceutical Ingredients	<b>whole week</b>	<b>whole week</b>
V2_2 Bioprocessing and Bioanalytics	BP3 Design of Biopharmaceutical Production Facilities (Wädenswil)	BP7 Bioanalytics in a Regulated Environment (Mutzeng)

CW21-28	CW23
V2_3 Downstream and Safety	<b>whole week</b>
V2_4 Drug Formulation and Biological Test Systems	BP4 Regulatory Affairs (Sion)

<b>Core Competences (D: Data / B: Business)</b>	4 modules / at least 12 ECTS <b>Compulsory</b> D1
<b>Cluster-specific modules</b>	3 modules / at least 9 ECTS in the category BioPharma: BP1-BP8
<b>Cluster-specific modules from other areas</b>	CO1 C4
<b>Total cooperation modules</b>	<b>30 ECTS</b>
<b>Specialisation skills</b>	<b>Compulsory</b> V2_1 - V2_4
<b>Total specialisation skills</b>	<b>20 ECTS</b>
<b>Master's thesis</b>	<b>Compulsory</b> Milestone 1-4 In full-time, Milestones have to be distributed over 2 semesters
<b>Total Milestones (Master's thesis)</b>	<b>40 ECTS</b>
<b>Required number of ECTS for completion</b>	<b>90 ECTS</b>