

Learning agreement

Elective Major 5: Biochemistry

Student's name:			
Address:			
Matr. no.:		Phone/mobile:	
Start of study program:		e-mail:	

Compulsory courses

Concept courses

	CP	CP obtained	CP to be obtained	Semester
551-0319-00 Cellular Biochemistry I	} 6	<input type="checkbox"/>	<input type="checkbox"/>
551-0320-00 Cellular Biochemistry II		<input type="checkbox"/>	<input type="checkbox"/>

Master courses one of the following

	CP	choice	Semester
551-1303-00 Current Research Topics in Cellular Biochemistry	4	<input type="checkbox"/>
551-1310-00 A Problem-Based Approach to Cellular Biochemistry	4	<input type="checkbox"/>

Elective compulsory courses

Concept courses

	CP	CP obtained	CP to be obtained	Semester
551-0326-00 Cell Biology	6	<input type="checkbox"/>	<input type="checkbox"/>
551-0307-00 Macromolecular Structure and Biophysics	6	<input type="checkbox"/>	<input type="checkbox"/>
551-0309-00 Concepts in Modern Genetics	6	<input type="checkbox"/>	<input type="checkbox"/>

Master courses

Autumn semester

	CP	choice	Semester
529-0733-00 Enzymes	7	<input type="checkbox"/>
551-1105-00 Glycobiology	4	<input type="checkbox"/>
551-1103-00 Microbial Biochemistry	4	<input type="checkbox"/>
636-0001-00 Separations in Biotechnology and Bioprocess Economy	6	<input type="checkbox"/>
551-1153-00 Systems Biology of Metabolism	4	<input type="checkbox"/>
636-0007-00 Computational Systems Biology	4	<input type="checkbox"/>
401-0649-00 Applied Statistical Regression	4	<input type="checkbox"/>
636-0003-00 Biological Engineering and Biotechnology	6	<input type="checkbox"/>
551-0043-00 Chromosome Structure and Function	2	<input type="checkbox"/>

Spring semester

		CP	choice	Semester
551-1120-00	From Genetic Systems and Genomes to Systems Genetics	4	<input type="checkbox"/>
551-1402-00	Biophysics and Macromolecular Mechanisms	4	<input type="checkbox"/>
551-0224-00	Advanced Proteomics	4	<input type="checkbox"/>
551-0140-00	Epigenetics	4	<input type="checkbox"/>
551-1296-00	Bioinformatics: Indepth	4	<input type="checkbox"/>
551-1100-00	Infectious Agents: From Molecular Biology to Disease	4	<input type="checkbox"/>
BIO 347 (UZH)	From Cells to Animals	2	<input type="checkbox"/>
551-0142-00	Structure Determination of Biological Macromolecules by X-ray Crystallography and NMR	6	<input type="checkbox"/>
551-1316-00	CIMST Interdisciplinary Summer School on Bio-medical Imaging	3	<input type="checkbox"/>
551-1618-00	Correlative Structural Biology with a Main Focus on Electron Microscopy	4	<input type="checkbox"/>
551-0364-00	Functional Genomics	5	<input type="checkbox"/>
551-1126-00	Technologies in Molecular Microbiology	4	<input type="checkbox"/>

Total compulsory and elective compulsory courses CP (min. 18)

Elective courses (Free choice)

Concept courses

	CP	choice	Semester
551-0313-00 Microbiology I	} 6	<input type="checkbox"/>
551-0314-00 Microbiology II		<input type="checkbox"/>
551-0317-00 Immunology I	} 6	<input type="checkbox"/>
701-0616-02 Immunology II		<input type="checkbox"/>
551-0324-00 Systems Biology	6	<input type="checkbox"/>
551-1295-00 Introduction to Bioinformatics: Concepts and Application	6	<input type="checkbox"/>
529-0732-00 Proteins and Lipids	6	<input type="checkbox"/>
529-0731-00 Nucleic Acids and Carbohydrates	6	<input type="checkbox"/>

Master courses

	CP	
1.		<input type="checkbox"/>
2.		<input type="checkbox"/>
3.		<input type="checkbox"/>
4.		<input type="checkbox"/>

Total compulsory, elective compulsory and elective courses CP (min. 24)

C: Elective courses in Humanities, Social or Political Sciences (min. 2 CP)

	CP	
1.		<input type="checkbox"/>
2.		<input type="checkbox"/>

Total credit points CP (min. 26)

Comments (e.g. Additional Admission Requirements)

Zurich,

Signed
Student
Advisor
Period

Research project I (15 CPs):

Start date of research project I	
End date of research project I	
Name of supervisor	
Address of supervisor	
Signature of supervisor	
Signature of advisor of elective major	

Research project II (15 CPs):

Start date of research project II	
End date of research project II	
Name of supervisor	
Address of supervisor	
Signature of supervisor	
Signature of advisor of elective major	

Master thesis (30 CPs) Name:

Note: Start and the end date of the thesis have to be communicated to the student administration office biology by the student before starting the master thesis.

Start date of master thesis	
Deadline for submission of master thesis	
Name of supervisor/examiner	
Address of supervisor (only for external master thesis)	
Signature of supervisor/examiner	
Name of co-examiner	
Signature of co-examiner	
Signature of the student <i>(The student declares that he holds the bachelor degree, has acquired 30 CPs in the category "research projects" and has fulfilled any possibly imposed additional admission requirements)</i>	
Signature of the supervisor of elective major	

Comments