Master Health Science and Technology - Major Molecular Health Sciences
Electives

(Autumn Semester 2023 – tentative)

Hour	Mo	Tu	We	Thu	Fr	Hour
	Electives	Electives	Electives	Electives	Mand. / Electives	
08-09		Concepts in Modern Genetics (Y); Immunology I (Z)		Dietary Etiologies of Chronic Disease (Z)		08-09
09-10						09-10
10-11	Immunology III (H); Moderne Massenspektr., gekoppelte Analysenmeth., Chemometrie (H); Systems Biology of Metabolism (H)			Physiology Guided Food Structure and Process Design (Z); Molecular Biology of Foodborne Pathogens (Z)	Translational Science for Health and Medicine (Z); Cellular Biochemistry of Health and Disease (H); Evolutionary Medicine for Incectious Diseases (Z)	10-11
11-12						11-12
12-13			Epidemiology and Prevention (Z); Moderne Massenspektr., Analysenmethoden… (H)	Computational Biology (BSA)	Current Topics in Mol. & Cellular Neurobiel. FINDET NICHT STATT!; Nanostructured Materials Safety (Z) 1. SH	12-13
13-14	Practical Methods in Tissue Engineering (H)		Molecular and Cellular Biology of Exercise and Muscle Regenreation - Practical Aspects (Sw) 2. SH; Biological Engineering and Biotechnology (Z/BSA)		Multiscale Bone Biomechanics (Z)	13-14
14-15	Concepts in Modern Genetics (H); Ethics of Life Sciences and Biotechnology (Z)	Immunology: From Milestones to Current Topics (H)		Developing Digital Biomarkers (Z); Physiology Guided Food Structure and Process Design (Z)		14-15
15-16						15-16
16-17	Computational Biology (Z/BSA)	Cell Biophysics (Z)		Cell Biophysics (Z)		16-17
17-18						17-18
18-19	Computational Biology (Z)					18-19
19-20						19-20

Z= ETH Center, H= ETH Hönggerberg, Y= UZH Irchel, Sw = Schwerzenbach, BSA = Basel

Remarks:

Mand. GCP Basic Course (Modul 1 and 2) / Course selection Link: https://www.usz.ch/fachbereich/clinical-trials-center/angebote/fort-und-weiterbildung/gcp-kurse/gcp-basiskurs-modul-1-2/

Electives: SEM I - Introduction to SEM, 25.-29.09.2023

Electives: TEM I - Introduction to TEM, 18.09.-22.09.2023

Electives: Colloquium in Translational Science. FINDET NICHT STATT!

Electives: From DNA to Diversity (University of Zurich)