

Core Course

Recommended Elective Course

Biology Course

Time	Monday					
08:00						
09:00						
10:00		Micro and Nano-Tomography of Biological Tissues				
11:00					Frontiers in Nanotechnology	
12:00						
13:00						
14:00	Biomedical Imaging					
15:00						
16:00		Biomechanik von Sportverletzungen und Rehabilitation	Ultrasound Fundamentals and Applications in Biology and Medicine			
17:00				Microrobotics		
18:00						

Time	Tuesday					
08:00						
09:00		Medical Technology Innovation - From Concept to Clinics		Rehabilitation Engineering II: Rehabilitation of Sensory and Vegetative Functions	Physiology and Anatomy for Biomedical Engineers I	
10:00			Application of MATLAB in the Human Movement Sciences*			
11:00						Biostatistics
12:00						
13:00						
14:00	Biomedical Imaging					
15:00						
16:00						Biostatistics
17:00						
18:00						

Time	Wednesday					
08:00						
09:00		Biomedical Engineering				Colloquium in Biomechanics
10:00	Wearable and Mobile Technologies of the Future - Focus on Sports and Health					
11:00						
12:00			Continuum Mechanics I			
13:00						
14:00	Clinical and Movement Biomechanics	Biocompatible Materials				
15:00						
16:00				Micro/Nanotechnology and Microfluidics for Biomedical Applications		
17:00						
18:00						

Time	Thursday					
08:00						
09:00						
10:00					Trauma Biomechanics	
11:00	Microrobotics					
12:00						
13:00			Rehabilitation and Inclusion			
14:00	Bone Biology: Basics, Research and Clinics				Trauma Biomechanics	Biological Methods for Engineers
15:00		Image Analysis and Computer Vision				
16:00			Seminar on Digital Humans			
17:00						
18:00						

Time	Friday					
08:00						
09:00		Continuum Mechanics I				
10:00						
11:00						
12:00						
13:00						
14:00	Multiscale Bone Biomechanics					Frontiers in Nanotechnology
15:00			Physics in Medical Research: From Atoms to Cells			
16:00						
17:00						
18:00						

*: not offered in HS24: Application of MATLAB in the Human Movement Sciences

Note: This is an informal help for students. The official courses can be seen on the Course Catalogue of ETH (www.vz.ethz.ch)