

1. Semester						
Time (FHNW)	Time (UB)	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 - 09:30	08:15 - 09:00		Introduction to LTI-Systems and Control	Atomic View to Materials	Electrical Engineering and Electronics	Physiology & Anatomy: Cardiovascular and Respiratory
09:30 - 10:30	09:15 - 10:00	Programmieren Basics with Python	Introduction to LTI-Systems and Control	Atomic View to Materials	Electrical Engineering and Electronics	Physiology & Anatomy: Cardiovascular and Respiratory
10:30 - 11:30	10:15 - 11:00	Programmieren Basics with Python	Mechanics I: Statics	Materials Science and Biomaterials	Programming Basics with Matlab	Physiology & Anatomy: Locomotor System and Skin
11:30 - 12:30	11:15 - 12:00	Mechanics I: Statics	Mechanics I: Statics	Materials Science and Biomaterials	Programming Basics with Matlab	Physiology & Anatomy: Locomotor System and Skin
12:30 - 13:30	12:15 - 13:00					
13:30 - 14:30	13:15 - 14:00		Bioeng. Basics I / Mathematics in Biomedical Engineering I	Muttenz coaching and lab sessions	Medical Imaging and Medical Image Processing	
14:30 - 15:30	14:15 - 15:00	Mathematics in Biomedical Engineering I	Bioeng. Basics I / Mathematics in Biomedical Engineering I	Muttenz coaching and lab sessions	Medical Imaging and Medical Image Processing	
15:30 - 16:30	15:15 - 16:00	Mathematics in Biomedical Engineering I	Physiology & Anatomy: Digestive, Endocrine and Urinary System	Muttenz coaching and lab sessions	Hardware Programming of med. Sensors	Physiology & Anatomy: Head and Spinal Cord
16:30 - 17:30	16:15 - 17:00	Biology of Tissue Regeneration	Physiology & Anatomy: Digestive, Endocrine and Urinary System	Muttenz coaching and lab sessions	Hardware Programming of med. Sensors	Physiology & Anatomy: Head and Spinal Cord
17:30 - 18:30	17:15 - 18:00	Biology of Tissue Regeneration				
18:30 - 19:30	18:15 - 19:15					

Biomedical Basics
Engineering Basics
Biomedical Engineering

Allschwil
Muttenz
Basel

changes may still occur

3. Semester						
Time (FHNW)	Time (UB)	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 - 09:30	08:15 - 09:00		Implant Design and Manufacturing	Applied Methods in Forensic Genetics and Forensic Toxicology	Medical Robotics / Magnetic Resonance Imaging	Clinical Biomechanics
09:30 - 10:30	09:15 - 10:00		Implant Design and Manufacturing	Applied Methods in Forensic Genetics and Forensic Toxicology	Medical Robotics / Magnetic Resonance Imaging	Clinical Biomechanics
10:30 - 11:30	10:15 - 11:00	Neurotechnologies	Biointerface Engineering	Forensic Imaging	Computer assisted Surgery	Biomedical Acoustics
11:30 - 12:30	11:15 - 12:00	Neurotechnologies	Biointerface Engineering	Forensic Imaging	Computer assisted Surgery	Biomedical Acoustics
12:30 - 13:30	12:15 - 13:15					
13:30 - 14:30	13:15 - 14:00	Muttenz coaching and lab sessions Characterizing Materials in Medicine: Structure and	Robotics	Hands-on MRI and CT	Digital Dentistry	Technologies and Regenerative Surgery
14:30 - 15:30	14:15 - 15:00	Muttenz coaching and lab sessions Characterizing Materials in Medicine: Structure and	Robotics	Hands-on MRI and CT	Digital Dentistry	Technologies and Regenerative Surgery
15:30 - 16:30	15:15 - 16:00	Muttenz coaching and lab sessions Characterizing Materials in Medicine: Structure and		Clinical Biomechanics Lab / Hands-on MRI and CT	Hands-on Deep Learning	
16:30 - 17:30	16:15 - 17:00	Muttenz coaching and lab sessions Characterizing Materials in Medicine: Structure and		Clinical Biomechanics Lab / Hands-on MRI and CT	Hands-on Deep Learning	
17:30 - 18:30	17:15 - 18:00		Block courses (to be announced): Hands-on Introduction to Medical Robotics Hardware 3D Human Movement Studies (4 online sessions/ 4 on-site training Friday Bioengineering-Lab (6 afternoons)			
18:30 - 19:30	18:15 - 19:00					

Computer- and Robot Assisted Medicine
 Image Acquisition and Analysis
 Implants and Regenerative Technologies
 Diagnostic and Therapeutic Technologies
 Practical Skills

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changes may still occur