

1. Semester						
Time (FHNW)	Time (UB)	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 - 09:15	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 - 10:15	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 - 11:15	10:15 - 11:00	Programmieren Basics with Python	Mechanics I: Statics	Materials Science and Biomaterials	Programming Basics with Mathlab	Physiology & Anatomy: Locomotor System and Skin
11:30 - 12:15	11:15 - 12:00	Mechanics I: Statics	Mechanics I: Statics	Materials Science and Biomaterials	Programming Basics with Mathlab	Physiology & Anatomy: Locomotor System and Skin
12:45 - 13:15	12:15 - 13:00					
13:30 - 14:15	13:15 - 14:00		Bioeng. Basics I	Muttenz coaching and lab sessions	Medical Imaging and Medical Image Processing	Mathematics in Biomedical Engineering I
14:30 - 15:15	14:15 - 15:00	Mathematics in Biomedical Engineering I	Bioeng. Basics I	Muttenz coaching and lab sessions	Medical Imaging and Medical Image Processing	Mathematics in Biomedical Engineering I
15:30 - 16:15	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 - 17:15	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 - 18:15	17:15 - 18:00	Biology of Tissue Regeneration				
18:30 - 19:15	18:15 - 19:15					

Biomedical Basics
 Engineering Basics
 Biomedical Engineering

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changes may still occur

3. Semester						
Time (FHNW)	Time (UB)	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 - 09:15	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 - 10:15	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 - 11:15	10:15 - 11:00	Neurotechnologies	Biointerface Engineering	Forensic Imaging	Computer assisted Surgery	Biomedical Acoustics
11:30 - 12:15	11:15 - 12:00	Neurotechnologies	Biointerface Engineering	Forensic Imaging	Computer assisted Surgery	Biomedical Acoustics
12:45 - 13:15	12:15 - 13:15					
13:30 - 14:15	13:15 - 14:00	Muttenz coaching and lab sessions / Characterizing Materials in Medicine: Structure and Mechanics (14.tg)	Robotics	Hands-on MRI and CT	Digital Dentistry / Machine Learning for Healthcare	Technologies and Regenerative Surgery
14:30 - 15:15	14:15 - 15:00	Muttenz coaching and lab sessions / Characterizing Materials in Medicine: Structure and Mechanics (14.tg)	Robotics	Hands-on MRI and CT	Digital Dentistry / Machine Learning for Healthcare	Technologies and Regenerative Surgery
15:30 - 16:15	15:15 - 16:00	Muttenz coaching and lab sessions / Characterizing Materials in Medicine: Structure and Mechanics (14.tg)		Clinical Biomechanics Lab / Hands-on MRI and CT	Hands-on Deep Learning	
16:30 - 17:15	16:15 - 17:00	Muttenz coaching and lab sessions / Characterizing Materials in Medicine: Structure and Mechanics (14.tg)		Clinical Biomechanics Lab / Hands-on MRI and CT	Hands-on Deep Learning	
17:30 - 18:15	17:15 - 18:00		Block courses (to be announced): Hands-on Introduction to Medical Robotics Hardware (in the first week BEFORE the semester) 3D Human Movement Studies (4 online sessions/ 4 on-site training on Friday) Bioengineering-Lab (5 afternoons) Tuesday			
18:30 - 19:15	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