

Semester	Courses (German/English)	Grade Weights	Exams	Credit Points
1. Sep-Dec	<b>Demonstration Week Health Sciences and Technology</b>			<b>1</b>
	Organic Chemistry I		<b>Exams as two-semester courses</b>	
	Mathematics I			
	Introduction to Health Sciences and Technology I			
	Fundamentals of Biology IA	4/36		
	General Chemistry	2/36		
	Foundations of Computer Science	2/36		
2. Feb-May	Fundamentals of Biology IB	4/36	<b>Comprehensive Exam</b>	<b>52</b>
	Statistics I	2/36		
	Biomechanics I	4/36		
	Organic Chemistry II	I+II 6/36		
	Mathematics II	I+II 7/36		
	Introduction to Health Sciences and Technology II	I+II 5/36		
	Lab Chemistry			<b>2</b>
	Lab Introduction to Health Sciences and Technology			<b>2</b>
3. Sep-Dec	Fundamentals of Biology II: Cell Biology	5/9	<b>Exam Block 1</b>	<b>9</b>
	Product Design in Medical Engineering	4/9		
	Mathematics III	3/6	<b>Exam Block 2</b>	<b>6</b>
	Statistics II	3/6		
	Anatomy and Physiology I		<b>Exams as two-semester courses</b>	
	Physics I			
	Advanced Anatomy and Physiology I			
4. Feb-May	Anatomy and Physiology II	I+II 10/20	<b>Exam Block 3</b>	<b>20</b>
	Histology	2/20		
	Physics II	I+II 8/20		
	Advanced Anatomy and Physiology II	I+II 6/14	<b>Exam Block 4</b>	<b>14</b>
	Biomechanics II	4/14		
	Biomedical Interfaces	4/14		
	Lab Physiology			<b>1</b>
	Lab Molecular Biology			<b>2</b>
5.+6. Sep-Dec & Feb-May	<b>TOTAL Focus Courses</b>			<b>min. 48</b>
	<b>Focus Area Movement Sciences and Sport</b>		<b>min.</b>	<b>8</b>
	Core Electives: Movement and Sport Biomechanics (4CP) / Exercise Physiology (4CP) / Neural Control of Movement (4CP) / Exercise Sciences (4CP)			
	<b>Focus Area Medical Technology</b>		<b>min.</b>	<b>8</b>
	Core Electives: Biocompatible Materials (4CP) / Intro Biomed. Engineering I (4CP) / Intro Biomed. Engineering II (4CP) / Biomechatronics (4CP)			
	<b>Focus Area Molecular Health Sciences</b>		<b>min.</b>	<b>6</b>
	Core Electives: Concepts in Modern Genetics (6CP) / Cell Biology (6CP) / Molecular Disease Mechanisms (6CP)			
	<b>Focus Area Neurosciences</b>		<b>min.</b>	<b>6</b>
	Core Electives: Development of the Nervous System (3KP) / Clinical Neuroscience (3KP) Structure, Plasticity and Repair of the NS / Comparative Behavioural Neurosciences (4CP)			
1.-6.	<b>Electives</b> (thereof at max. 6 CP Sports) (incl. additional Core Electives 5./6. Sem.)		<b>min.</b>	<b>17</b>
	<b>Compulsory Elective GESS Science in Perspective</b> (Humanities, Social and Political Sciences)		<b>min.</b>	<b>6</b>
1.-6.	<b>TOTAL Bachelor</b>		<b>min.</b>	<b>180</b>