Draft: 13.10.2021

International Mechatronics

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	Semester / St. Petersburg (WiSe)	Semester / St. Petersburg (SuSe)	3. Semester / Hannover (WiSe)	4. Semester / Hannover (SuSe)
1		Calantifia Diagonna	Compulsory elective	
2	Software Development	Scientific Discourse (3 CP)	courses, in total 15 CP	
3	Technology	Grading Test	- Production of opto-electronic	
\vdash	(5 CP)		Systems (5CP)	
4	Pass-fail test	Knowledge Engineering	- Data- and Learning-Based	
5		and Knowledge	Control (5CP)	
6	History and	Management (4 CP)	- Optical Measurement	
7	Methodology of Science	Written Examination	Technology (5 CP)	
\vdash	(3 CP)		- Engineering Dynamics and	
8	Pass-fail Test	Cognitive Multiagent	Vibrations (5CP)	
9		Systems	- Image sequence analysis (5CP)	
10	Foreign Language in	(4 CP) Written Examination	- Micro- and Nano Systems (5CP)	
11	Professional Activity (4CP)	Course work	- Fundamentals and Configuration	
\vdash	Written Examination		of Laser Beam Sources (5CP)	
12		High-level Synthesis and	- Power Electronics (5CP)	
13	Neuroinformatics and	Modeling of Digital Devices	- Physics of ultrasound and its	
14	Neurotechnologies	(4 CP)	applications (5 CP)	
	(4CP)	Pass-fail test	Written or Oral	
15	Written Examination Course work	Course project	Examination	Master`s Thesis
16	Course Werk			(30 CP)
17		Software Development	Aspects of Process	
18	Methods of Optimisation	Technology (5 CP)	Design in Forming Technology	
\vdash	and Decision Making	Written Examination	(5 CP)	
19	Theory (5 CP)	Course work	Written/Oral Examination	
20	Pass-fail Test			
21				
22			Floatwicel Machines and	
		Introduction Practice	Electrical Machines and Drives	
23	Intelligent Systems (5 CP)	(6 CP)	(5 CP)	
24	Written Examination	Report	Written/Oral Examination	
25				
26				
\vdash			Project Thesis based on	
27	Dogograh Mathada		scientific and research work	
28	Research Methods (4 CP)	Project Management (4 CP)	(5 CP)	
29	Report	(4 CP) Report	/	
30	пероп			
\vdash				
31		Corporate Information		
32		Systems		
33		(4 CP) *		
34		Pass-fail test		
	20	24	20	20
LP	30	34	30 Master complete	30 124

LP	30	34	30	30
			Master complete	124

⁴ CP Scientific and research work will still be assigned to the 5 courses of the 3rd semester.

^{*} Additional, elective course (not obligatory)