

Year	Semester	Subject name	Weekly number of hours				ECTS
			Lecture	Tutorial	Labwork	Project	
<b>Mandatory Courses</b>							
1	1	Sensors and Transducers for Smart Biotechnical Systems	1	0	2	0	4
1	1	Computer Vision and Image Processing	2	0	2	0	6
1	1	Applied Statistics and Probabilities for Smart Biotechnical Systems	1	0	2	0	4
1	1	Advanced Computer Programming	1	0	2	0	4
1	1	Ethics and Academic Integrity	1	0	0	0	2
1	1	Scientific Research I				12	10
<b>Optional Courses</b>							
1	1	Software for Smart Biotechnical Systems	1	0	2	0	4
1	1	Advanced Computer Programming	1	0	2	0	4
<b>Mandatory Courses</b>							
1	2	Sensor Fusion for Smart Biotechnical Systems	2	0	3	0	6
1	2	Sensor Fusion for Smart Biotechnical Systems - Project	0	0	0	1	3
1	2	Localization and Decision Making for (Semi)autonomous systems	2	0	0	2	6
1	2	Scientific Research II				12	10
<b>Optional Courses</b>							
1	2	Networks, Communication Protocols and Data Processing for IoT Systems	2	0	2	0	5
1	2	Telematics	2	0	2	0	5
<b>Mandatory Courses</b>							
2	1	Smart Embedded Systems for IoT	2	0	2	0	5
2	1	Motion Planning, Control and Trajectory Tracking	2	0	3	0	6
2	1	Design of Electric Mobile Equipment	1	0	1	1	5
2	1	Scientific Research III				12	10
<b>Optional Courses</b>							
2	1	Cybersecurity in IoT	1	0	1	0	4
2	1	Computer Aided Research and Testing	1	0	1	0	4
<b>Mandatory Courses</b>							
2	2	Scientific Research, Practice, and Development of Dissertation Paper	0	0	0	26	30