

		Hours					I					II					III					IV					V					VI					VII						
Basic courses		Total	W	C	L	P	W	C	L	P	E	ECTS	W	C	L	P	E	ECTS	W	C	L	P	E	ECTS	W	C	L	P	E	ECTS	W	C	L	P	E	ECTS	W	C	L	P	E	ECTS	
1	Physical Education	60		60			30						30						2		30				2		30			E	2												
2	Foreign Language	120		120			30				2		30					2		30																							
3	Techniques And Tools For Communication	30	15	15			15	15				3																															
4	Introduction To Entrepreneurship	30	30										30					2																									
5	Intellectual Property Protection	15	15															1																									
6	Mathematics For Engineers	30		30			30					3																															
7	Mathematics	150	60	90									30	60			E	8	30	30			E	3																			
8	Informatics And Basics Of Programming	30	10		20		10		20		E	3																															
9	Engineering Graphics	30			30				30			3																															
10	Fundamentals Of Biomedical Engineering	120	40		80		40		80		E	14																															
11	Physics	105	30	60	15								30					2	15	30				3	15		15			5													
12	Introduction to Anatomy and Physiology	30		30														2		30																							
13	Biomedical Data	60			60									60		E	5																										
14	Engineering Technologies In Medicine And Sports	60	30		30								30		30		E	5																									
15	Introduction To Problem Based Learning	45				45										45																											
16	Elective Course	150	150										30					2	30					2	30					2	30					2	30				2		
17	Practice																																								4		
18	Bachelor Project	45				45																																				45	15
	DESIGN OF BIOMECHATRONIC DEVICES	1110	380	405	235	90	65	105	130			28	120	150	90	45		32	90	120																							

Programme valid from the academic year: 2023/2024