

Plan studiów na kierunku **Mechatronics (Mechatronika)**, II stopień, studia stacjonarne
Specjalność: **Mechatronics Devices and Systems**

Semestr 1

Skrót	Nazwa przedmiotu	Rygor	ECTS	W	C	L	P
	Design methodologies		3	30		15	
	Experimets - practice and theory		3	30		15	
	Advanced Measurements		3	15		15	15
	Advanced manufacring techniques		3	15		15	15
	Simulations and models of mechatronic devices		5	45		15	15
	Elective lecture 1 - Introduction to Phyton/ Machine Learning		2				
	Parametric CAD		2		30		
	Advanced microcontrollers		4	30	30		
	Creative project		5				
			30	165	60	75	45

Semestr 2

Skrót	Nazwa przedmiotu	Rygor	ECTS	W	C	L	P
	Elective lecture 2		2				
	HES / Enterpreneurship		2	30			
	Physics		3	30	15		
	Mathematics		3	30		15	
	HES		2	30			
	Mechatronic Devices Automated Control		3	30		15	15
	Mechatronic Systems		6	30	15		30
	Vending Machines		5	30			15
	Diagnostics of industrial objects		4	30		15	15
			30	240	30	45	75

Semestr 3

Skrót	Nazwa przedmiotu	Rygor	ECTS	W	C	L	P
	Micromechatronic devices		4	30		15	15
	Optimization		2	15			15
	Tribology		2	30			
	Diploma seminar		2	30			
	Diploma thesis		20				
			30	105	0	15	30