



Faculty of: Mechanical Engineering and Robotics

Field of study: Mechatronics with English as instruction language Study level: Second-cycle studies Form and type of study: Full-time studies

Specialty: Mechatronic Design Annual: 2013/2014 Lecture language: English

Code	Module name	Lectures	Auditorium classes	Laboratory classes	Project classes	Conversation seminar	Seminar classes	Practical classes	Others	Fieldwork classes	Workshops	E-learning	ECTS	E
Semester 1														
Engineering														
RMS-2-101-MD-s	Mechatronics	28	0	56	15	0	0	0	0	0	0	0	8	Yes
RMS-2-102-MD-s	Informatics in mechatronics	28	0	26	15	0	0	0	0	0	0	0	5	No
RMS-2-103-MD-s	Kinematics and dynamics of mechatronic systems	42	0	26	28	0	0	0	0	0	0	0	7	Yes
RMS-2-104-MD-s	Mechatronic system identification	42	0	26	28	0	0	0	0	0	0	0	7	Yes
Specialized English course													3	
The rules for selecting groups/modules: Student selects one subject from the block														
RMS-2-105-MD-s	English B2+ course - compulsory ESP course for students of SECOND-CYCLE STUDIES in MECHATRONICS with ENGLISH as the instruction language at the Faculty of Mechanical Engineering and Robotics	0	30	0	0	0	0	0	0	0	0	0	3	Yes
RMS-2-110-MD-s	Język angielski B2+ - obowiązkowy kurs języka specjalistycznego na studiach II stopnia	0	30	0	0	0	0	0	0	0	0	0	3	Yes
RMS-2-111-MD-s	Język angielski B2+ - obowiązkowy kurs języka specjalistycznego na studiach II stopnia dla studentów Wydziału Informatyki, Elektroniki i Telekomunikacji	0	30	0	0	0	0	0	0	0	0	0	3	Yes
Suma ECTS													30	
Semester 2														
Engineering														
RMS-2-201-MD-s	Mechatronic systems	28	0	0	52	0	0	0	0	0	0	0	5	Yes

Study programme - Mechatronics with English as instruction language - 2013/2014

Code	Module name	Lectures	Auditorium classes	Laboratory classes	Project classes	Conversation seminar	Seminar classes	Practical classes	Others	Fieldwork classes	Workshops	E-learning	ECTS	E
RMS-2-202-MD-s	Mechatronic design	56	0	56	45	0	0	0	0	0	0	0	9	Yes
RMS-2-203-MD-s	Individual project	0	0	0	60	0	0	0	0	0	0	0	7	No
RMS-2-204-MD-s	Electronics in mechatronics	26	0	39	0	0	0	0	0	0	0	0	4	Yes
Block of elective foreign language modules														
The rules for selecting groups/modules: Student selects one subject from the block.													3	
RMS-2-206-MD-s	Casting of engineering plastics	28	0	10	4	0	0	0	0	0	0	0	5	Yes
RMS-2-207-MD-s	Functional Materials	30	0	0	0	0	30	0	0	0	0	0	6	Yes
RMS-2-208-MD-s	Materials for energy systems and aeronautics	28	0	14	0	0	0	0	0	0	0	0	5	Yes
RMS-2-209-MD-s	Operational research in engineering	28	0	0	14	0	0	0	0	0	0	0	5	Yes
RMS-2-210-MD-s	Surface engineering	28	0	10	4	0	0	0	0	0	0	0	5	Yes
RMS-2-215-MD-s	Thermodynamics	28	14	0	0	0	0	0	0	0	0	0	5	Yes
RMS-2-219-MD-s	Uncertainty analysis in engineering	14	0	14	14	0	0	0	0	0	0	0	5	Yes
Humanities, economic and social elective module block														
The rules for selecting groups/modules: Student selects one subject from the block													2	
RMS-2-211-MD-s	Company management	30	0	0	0	0	0	0	0	0	0	0	2	No
RMS-2-212-MD-s	Management engineering	30	0	0	0	0	0	0	0	0	0	0	2	No
RMS-2-213-MD-s	Ergonomy	30	0	0	0	0	0	0	0	0	0	0	2	No
RMS-2-214-MD-s	Public communication	0	0	30	0	0	0	0	0	0	0	0	2	No
Suma ECTS													30	
Semester 3														
Engineering														
RMS-2-303-MD-s	Diploma seminar	0	0	0	0	0	15	0	0	0	0	0	1	No
RMS-2-305-MD-s	MEMS and nanotechnology	11	0	11	0	0	0	0	0	0	0	0	2	No
RMS-2-308-MD-s	Diploma training	0	0	0	0	0	0	75	0	0	0	0	3	No
Non-technical														
RMS-2-301-MD-s	Project management	20	0	20	0	0	0	0	0	0	0	0	2	No
Thesis														
RMS-2-304-MD-s	Master thesis	0	0	0	0	0	0	0	0	0	10	0	20	No
Block of modules elective on a specialization														
The rules for selecting groups/modules: Student selects one subject from the block													2	
RMS-2-302-MD-s	Operation and maintenance of mechatronic devices	11	0	11	0	0	11	0	0	0	0	0	2	No
RMS-2-306-MD-s	Design of composite parts	11	0	22	0	0	0	0	0	0	0	0	2	No
RMS-2-307-MD-s	Embedded systems	11	0	22	0	0	0	0	0	0	0	0	2	No
Suma ECTS													30	