



Subject card

Subject name and code	Master's thesis, PG_00064805						
Field of study	Mechatronics						
Date of commencement of studies	February 2025	Academic year of realisation of subject			2025/2026		
Education level	second-cycle studies	Subject group			Optional subject group		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	3	ECTS credits			20.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Zakład Mechatroniki -> Institute of Mechanics and Machine Design -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Marek Galewski					
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	0.0	0
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours		Self-study		SUM
	Number of study hours	0	30.0		470.0		500
Subject objectives	Preparation, by the student, of the Master thesis on the subject and scope defined by the thesis supervisor.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_W01] explains and describes, based on general knowledge in the field of scientific disciplines forming the theoretical foundations of Mechatronics, the construction and principles of operation of mechatronic systems, processes and their components, as well as methods and means of their integration	The student prepares a diploma thesis. Applies appropriate techniques and tools to create necessary models, perform calculations, conduct research, analyses, comparisons, and designs, and describe them in the thesis.			[SW3] Assessment of knowledge contained in written work and projects		
	[K7_U11] communicates and justifies opinions on specialized topics in a manner understandable to diverse audiences, including the use of modern techniques, including information technology	The student prepares components of the thesis (e.g., calculations, drawings, computer programs), presents and describes them in the text of the thesis, and prepares a multimedia presentation for the diploma exam			[SU5] Assessment of ability to present the results of task		
	[K7_U13] evaluates the feasibility and potential for utilizing new technical and technological achievements in accomplishing tasks characteristic for the field of study	The student makes critical review of existing solutions, techniques and technologies related to the thesis topic, and uses appropriate techniques and tools to accomplish the task defined for his thesis.			[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools		
	[K7_W11] interprets social, economic, legal (including industrial and intellectual property laws), and other non-technical aspects of engineering activities, and includes them into engineering practice	During preparing the diploma thesis, the student also considers non-technical aspects of the solved task / created project.			[SW3] Assessment of knowledge contained in written work and projects		
Subject contents	Rules and requirements for the master's thesis. Completion of the thesis under the supervision of the thesis supervisor in accordance with the defined scope and topic. Editorial preparation of the thesis content for publication. Project consultations with the supervisor and, if necessary, other experts. Preparation of a multimedia presentation.						

Prerequisites and co-requisites	Registration for the diploma semester		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Thesis review	56.0%	100.0%
Recommended reading	Basic literature	Literature relevant to the thesis topic according to the supervisor's indications and the diplomat's own review of sources.	
	Supplementary literature	Literature related to the thesis topic according to the supervisor's indications and the student's own review of sources.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Current lists of questions for the diploma exam, specific to the given specialisation, are available on the Faculty's website.		
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.