



## Subject card

Subject name and code	BSc Diploma Seminar, PG_00049366						
Field of study	Biomedical Engineering						
Date of commencement of studies	October 2022		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	4		Language of instruction		Polish		
Semester of study	7		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Biomedical Engineering -> Faculty of Electronics, Telecommunications and Informatics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Mariusz Kaczmarek				
	Teachers		dr hab. inż. Mariusz Kaczmarek				
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	30.0	30
	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	30		2.0		18.0	50
Subject objectives	The preparation and the presentation of conclusions of the thesis for participants in the seminar with the utilization of multimedia devices and participation in substantive discussion of the tutor group.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U10] can individually plan their own lifelong education, also by means of advanced information and communication technologies (ICT), and communicate with people from their environment, firmly justify their point of view, participate in debates, present, assess and discuss different opinions and points of view, as well as use specialist terminology related to the field of study in communication	The student is able to plan and present the way of carrying out the engineering task and to discuss and defend the presented concepts.	[SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment
	[K6_K02] is ready to critically assess possessed knowledge and acknowledge the importance of knowledge in solving cognitive and practical problems	The student is aware of the broadening of knowledge regarding problems related to the implementation of the project.	[SK5] Assessment of ability to solve problems that arise in practice
	[K6_K01] is ready to cultivate and disseminate models of proper behaviour in and outside the work environment; make independent decisions; critically evaluate actions of their own, teams they lead and organisations they are part of; take responsibility for results of these actions; responsibly perform professional roles, including: n - observing rules of professional ethics and require it from others, n - care for the achievements and traditions of the profession	The student prepares an engineering project in accordance with the principles of ethics and care for professional standards.	[SK3] Assessment of ability to organize work
	[K6_K03] is ready to meet social obligations, co-organise activities for the social environment, initiate actions for the public interest, think and act in an entrepreneurial way	The student is able to organize group work, separate tasks, analyze the consequences of activities related to the implementation of the project.	[SK1] Assessment of group work skills
	[K6_W07] Knows and understands, to an advanced extent, the general principles of setting up and development of business entities, forms of individual entrepreneurship and running ventures in the field specific to the field of study	Is able to conduct a critical analysis of the solution to the problem, assess the adequacy of this solution from the point of view of the needs of the end user.	[SW2] Assessment of knowledge contained in presentation
Subject contents	Presentation in the seminar group of achievements in the field of the diploma subject realization and participation in discussion about presentations.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	presentation of work	100.0%	100.0%
Recommended reading	Basic literature	According to the individual project card	
	Supplementary literature	According to the individual project card	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		