



## Subject card

Subject name and code	BSc Diploma Seminar, PG_00048093						
Field of study	Electronics and Telecommunications						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2023/2024		
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 Multimedia Systems -> Faculty of Electronics, Telecommunications and Informatics						
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Andrzej Czyżewski					
	Teachers	prof. dr hab. inż. Andrzej Czyżewski  dr hab. inż. Piotr Szczuko  dr hab. inż. Józef Kotus  dr inż. Piotr Ody					
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 aim of the course is to enable ongoing control over the progress of the diploma thesis, chosen by the student of the engineering degree. Presenting its stages at the seminar speeches, the graduate also acquires skills in the presentation of knowledge and the process of design, as well as social skills in the field of communication. The other students deepen their knowledge, learning on the basis of diploma thesis, carried out by their colleagues.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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	During the seminar, the graduate should discuss the issues of copyright belonging to the knowledge and technology he uses. He should point to the creative character of his own work, which respects the rights of other people or institutions. If the work is of a group nature, the graduate should demonstrate the awareness of the principles of division of tasks in the group.	[SK1] Assessment of group work skills [SK5] Assessment of ability to solve problems that arise in practice
	[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 acquires skills in the field of interaction with the community of listeners present at the presentations of the nature of knowledge review, construction assumptions and implementation of design work. for socially useful implementation results.	[SK5] Assessment of ability to solve problems that arise in practice
	[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	Students who complete thesis receive a suggestion to include the results of the work in the context of their potential usefulness for social or business purposes. One of the criteria for assessing the content of work is the ability to present its purpose and results in the above context.	[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge
	[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	A way to verify this kind of directional effects are at least two speeches by each diploma at the diploma seminar, during which the ability to communicate knowledge and conduct discussions with the teacher and students participating in the seminar is also assessed.	[SU5] Assessment of ability to present the results of task [SU3] Assessment of ability to use knowledge gained from the subject
	[K6_K02] is ready to critically assess possessed knowledge and acknowledge the importance of knowledge in solving cognitive and practical problems	Analyzes and plans the design process, produces project documentation and applies the principles of presentation of the obtained results	[SK5] Assessment of ability to solve problems that arise in practice
Subject contents	1. Progress in project-related tasks  2. Verification of the progress achieved by the student		
Prerequisites and co-requisites	1. Choosing of the B.Sc. diploma subject  2. Submitting the administrative form of the project		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	individual evaluation of results achieved in the project based on seminar presentations	60.0%	40.0%
	individual evaluation of results achieved in the project based the written form	60.0%	60.0%
Recommended reading	Basic literature	individual literature sources inclusion in the project administrative form	
	Supplementary literature	selection of literature is specific to each topic of thesis - this literature is initially indicated by the job supervisor and supplemented by the graduate	
	eResources addresses	Adresy na platformie eNauczanie:	

Example issues/ example questions/ tasks being completed	Tasks relate to the thematic area of electronics, telecommunications and information technology as well as multimedia technologies and their numerous practical applications. Their selection is closely related to the chosen topic of the diploma thesis.
Work placement	Not applicable