



Subject card

Subject name and code	Diploma seminar, PG_00049383						
Field of study	Biomedical Engineering, Biomedical Engineering, Biomedical Engineering						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2026/2027		
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 Chemistry and Technology of Functional Materials -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Ewa Wagner-Wysiecka				
	Teachers		prof. dr hab. inż. Ewa Wagner-Wysiecka prof. dr hab. Anna Lisowska-Oleksiak				
Lesson types	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						
	eNauczanie source addresses: Moodle ID: 7019 Seminarium dyplomowe inżynierskie 26/27 https://enauczanie.pg.edu.pl/2025/course/view.php?id=7019						
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 course enables students to familiarise themselves with the formal requirements regarding the structure, style and editorial guidelines for a dissertation. Students develop the skills to search for and select specialist literature using professional databases, and to critically analyse academic sources. They learn and hone their skills in the critical analysis of information.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[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	The student is familiar with methods for carrying out project-based work related to their field of study.	[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation
	[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 an approach to carrying out an engineering task, and to engage in discussion and defend the concepts presented.	[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools
	[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 plan project work/activities, taking into account the division of roles and the scope of work assigned to group members in accordance with the complexity of the project.	[SK1] Assessment of group work skills [SK2] Assessment of progress of work
	[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 understands the ethical aspects of professional standards – including intellectual property – and carries out tasks in accordance with recognised principles.	[SK3] Assessment of ability to organize work
	[K6_K02] is ready to critically assess possessed knowledge and acknowledge the importance of knowledge in solving cognitive and practical problems	The student is able to critically analyse the results obtained using specific methods and tools appropriate to the task at hand.	[SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice
Subject contents	<p>Course content – seminar</p> <p>1. Cycle of seminars, prepared individually by graduating students. The procedure for completing a dissertation, from defining the tasks to conducting a literature review.</p> <p>2. Cycle of individual presentations and reports about the assumptions of the program, implementation requirements and timelines work diploma</p> <p>3. Cycle of individual presentations of completed tasks theses</p>		
Prerequisites and co-requisites	The student possesses general and subject-specific knowledge enabling them to undertake a final-year project in the field of biomedical engineering. They are familiar with the fundamentals of research and design methods used in this field and are able to make use of specialist literature.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation	60.0%	100.0%
Recommended reading	Basic literature	Indicated by the teacher tutor of graduate student.	
	Supplementary literature	Indicated by the teacher tutor of graduate student.	
	eResources addresses		

Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> 1. What elements should a well-structured dissertation contain? 2. How should one plan the structure of a literature review depending on the topic of the dissertation? 3. How can one recognise and avoid practices considered to be plagiarism? Rules for citing, paraphrasing and using sources. 4. Exercise: searching for academic publications in databases (e.g. Scopus, PubMed) and preparing a presentation of a literature review related to the thesis topic.
Practical activities within the subject	Not applicable

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