

## § GDAŃSK UNIVERSITY § OF TECHNOLOGY

## Subject card

Subject name and code	Professional practice, PG_00044610							
Field of study	Mathematics							
Date of commencement of studies	October 2023		Academic year of realisation of subject			2024/2025		
Education level	first-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	4		ECTS credits			6.0		
Learning profile	general academic pro	ademic profile Assessment form		nt form		assessment		
Conducting unit	Department of Differential Equations and Mathematical Applications -> Faculty of Applied Physics and Mathematics							
Name and surname	Subject supervisor	mgr inż. Urszula Goławska						
of lecturer (lecturers)	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							
	Adresy na platformie eNauczanie:							
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		5.0		160.0		165
Subject objectives	The aim of profession knowledge gained by professional student practical issues relate to establish professio	the student at who is compati ed to work as w	the university. ble with the chored as general as	Internships ena osen field of stu and domain kn	able the udy and owledge	develo his spe e. The s	pment of cor ecialty. The s student has th	npetences a tudent meets

earning outcomes	Course outcome	Subject outcome	Method of verification
	К6_К03	The student respects the principles of work in group	[SK2] Assessment of progress of work [SK1] Assessment of group work skills
			[SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work
	K6_U07	The student applies knowledge and skills acquis during studies to fulfill tasks commissioned at the place of holding practice. In a practical way combines knowledge from various fields	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
	K6_K04	The student applies knowledge and skills acquis during studies to fulfill tasks commissioned at the place of holding practice. In a practical way combines knowledge from various fields	[SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work
	К6_К01	Student is able to independently search and study literature available on the topic. IN in a comprehensible way problems for non-mathematicians	[SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work
	K6_W01	Student is able to independently search and study literature available on the topic. IN in a comprehensible way problems for non-mathematicians	[SW1] Assessment of factual knowledge
	K6_U12	The student applies knowledge and skills acquis during studies to fulfill tasks commissioned at the place of holding practice. In a practical way combines knowledge from various fields	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
	K6_U10	The student applies knowledge and skills acquis during studies to fulfill tasks commissioned at the place of holding practice. In a practical way combines knowledge from various fields	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
	К6_К02	The student applies knowledge and skills acquis during studies to fulfill tasks commissioned at the place of holding practice. In a practical way combines knowledge from various fields	[SK2] Assessment of progress of work [SK5] Assessment of ability to solve problems that arise in practice [SK4] Assessment of communication skills, including language correctness [SK3] Assessment of ability to organize work

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Subject contents	the institution where the professional practice takes place. Training BHP. Participation in the tasks of employees of the institution in at least three areas of activity from the following list: For specialty students: Financial Mathematics and Matematyka Stosowana 1. Mathematical modeling 2. Mathematical prediction 3. Optimization methods - modeling - tool selection - solutions. 4. Elements of financial consulting, trading in financial documents. 5. Analysis and processing of statistical data, statistical analysis of measurements. 6. Creating and maintaining databases. 7. Participation in research and development in various fields using mathematics. 8. Modeling of physical phenomena, industrial and technological processes. 9. Participation in the processes of designing, manufacturing, testing and documenting computer systems. 10. Works related to the development, creation, documentation and testing of software modules, applications, numerical algorithms. 11. Conducting work related to archiving and updating data. 12. Forecasting and mathematical modeling in biology and medicine, statistics, finances, on the currency market, 13. Educational activity and popularizing mathematics. For Students of the Data Analyst specially: 1. Mathematical modeling or Mathematical processes of the purposes of data analysis 8. Participation in designing, manufacturing, testing and documenting processes computer systems for the purposes of data analysis 8. Participation in designing, manufacturing, testing and documenting processes computer systems for the purposes of designing, creating and documenting processes of the purposes of designing, manufacturing, testing and documenting solving mathematical problems. 2. Participation in research and development works in various fields using mathematics. 11. Educational activities and popularizing mathematics and mathematical algorithms solving mathematical problems. 2. Participation in the processes of testing numerical algorithms solving mathematical problems. 3. Participation in resear						
Prerequisites	Knowledge and skills acquired during the studies						
and co-requisites		1					
Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade				
and criteria	Card practices	100.0%	100.0%				
Recommended reading	ding       Basic literature       Depending on the needs.         1. Regulations of student internista.       1. Regulations of student internista.         2. Framework program of professional practice for students of Mathematics						
	Supplementary literature	Depending on the needs.Company documentation: company regulations, procedures proceedings, documents, security rules, etc.					
	eResources addresses	eResources addresses					
Example issues/ example questions/ tasks being completed	Lack						
Work placement	Not applicable						