GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Introduction to Harmonic Analysis, PG_00070535
Field of study	Mathematics

Date of commencement of studies	October 2023	**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	3	**Language of instruction**	Polish
Semester of study	6	**ECTS credits**	4.0
Learning profile	general academic profile	**Assessment form**	assessment

Conducting unit	Institute of Applied Mathematics -> Faculty of Applied Physics and Mathematics -> Faculties of Gdańsk University of Technology

Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Karol Dziedziul
	Teachers	dr hab. Karol Dziedziul

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	15.0	0.0	15.0	0.0	60
	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	60	5.0	35.0	100

Subject objectives	-

Learning outcomes	Course outcome	Subject outcome	Method of verification
	K6_W03	-	[SW1] Assessment of factual knowledge
	K6_U12	-	[SU2] Assessment of ability to analyse information
	K6_K02	-	[SK1] Assessment of group work skills
	K6_U05	-	[SU1] Assessment of task fulfilment

Subject contents	Course content – lecture -
	Course content – exercises -
	Course content – project -

Prerequisites and co-requisites	-

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		60.0%	70.0%
		60.0%	30.0%

Recommended reading	Basic literature	-
	Supplementary literature	-
	eResources addresses	

Example issues/ example questions/ tasks being completed	
Practical activites within the subject	Not applicable

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