GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Nanotechnology in Medicine, PG_00040471		
Field of study	Nanotechnology		
Date of commencement of studies	February 2023	Academic year of realisation of subject	2023/2024
Education level	second-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	1	Language of instruction	Polish none
Semester of study	2	ECTS credits	2.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Instytut Nanotechnologii i Inżynierii Materiałowej -> Faculty of Applied Physics and Mathematics		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Bogusław Kusz	
	Teachers	prof. dr hab. inż. Bogusław Kusz	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	15.0	0.0	0.0	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

To familiarize students with the achievements of nanotechnology in medicine. Exploring the practical possibilities of nanotechnology.

Learning outcomes

Course outcome	Subject outcome	Method of verification
K7_U07	The student is able to apply the acquired specialist knowledge to issues in the field of medicine.	[SU3] Assessment of ability to use knowledge gained from the subject
K7_W04	The student has in-depth practical and theoretical knowledge of nanotechnology methods.	[SW1] Assessment of factual knowledge
K7_W02	The student has in-depth, theoretically based, detailed knowledge of nanotechnology in medicine.	[SW3] Assessment of knowledge contained in written work and projects

Subject contents

Nanotechnology in the diagnosis and treatment of cancer, nervous system, skeletal system and other diseases.

Prerequisites and co-requisites

Basics of nanotechnology

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
laboratory	50.0%	51.0%
lecture	50.0%	49.0%

Recommended reading

Basic literature	Internet
Supplementary literature	Internet
eResources addresses	Adresy na platformie eNauczanie:

Example issues/ example questions/ tasks being completed

Nanotechnology in the diagnosis and treatment of cancer, nervous system, skeletal system and other diseases. Nanotechnology in disease prevention.

Work placement

Not applicable