biomedical engineering

Szkoła Doktorska na Politechnice Gdańskiej - Lista potencjalnych promotorów dla doktorantów w ramach Szkoły Doktorskiej - Rok akademicki 2026/2027

Lp./No.	Stopień/Degree	Imię/First name	Nazwisko/Last name	Zatrudnienie/Employment	Słowa kluczowe/Key words	Przyjmowanie nowych doktorantów - Polaków /Accepting new Polish PhD students (Yes / No)	Przyjmowanie nowych doktorantów - cudzoziemców /Accepting new foreign PhD students (Yes / No)	Liczba doktorantów, których może przyjąć pod opiekę w r.a. 2026/2027/ Number of PhD students to can be supervised in the doctoral school in a.y. 2026/2027
1	dr hab. inż.	Anna	Brillowska-Dąbrowska	Faculties of Gdańsk University of Technology, Faculty of Chemistry, Department of Biotechnology and Microbiology	1. medical mycology 2. antifungals 3. susceptibility 4. resistance	Yes	No	3
2	dr hab. inż.	Piotr	Bruździak	Faculties of Gdańsk University of Technology, Faculty of Chemistry, Department of Physical Chemistry	1. Protein aggregation 2. Protein gel 3. Spectroscopy 4. DFT calculations	Yes	No	3
3	prof. dr hab. inż.	Andrzej	Czyżewski	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Multimedia Systems	1. Machine Learning 2. Natural Language Processing (NLP) 3. Neural Networks 4. Man-machine Interaction	Yes	No	3
4	dr hab. inż.	Marcin	Gnyba	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Optoelectronics	1. photonics 2. Raman spectroscopy 3. tissue investigation 4. disabled children therapy	Yes	Yes	2
5	prof. dr hab. inż.	Bożena	Kostek	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Audio Acoustics Laboratory	1. intelligent speech and emotion processing 2. machine learning/deep learning/explainable AI 3. affective computing, perception 4. biosignal processing	Yes	No	3
6	dr hab.	Beata	Krawczyk	Faculties of Gdańsk University of Technology, Faculty of Chemistry, Department of Biotechnology and Microbiology	1. Chronic rhinosinusitis 2. microbiota 3. metabolomic profiles 4. proteomic profiles	Yes	No	3

7	dr hab.	Michał	Kucewicz	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Multimedia Systems	1. brain-computer interface 2. neural networks 3. human brain electrophysiology 4. deep brain stimulation	Yes	Yes	3
8	prof. dr hab. inż.	Aneta	Łuczkiewicz	Faculties of Gdańsk University of Technology, Faculty of Civil and Environmental Engineering, Department of Environmental Engineering Technology	1. Responses of Human-Related Bacteria to Stress 2. Wastewater-Based Epidemiology 3. Antimicrobial Resistance in the Environment 4. One health approach	Yes	Yes	3
9	prof. dr hab. inż.	Grzegorz	Redlarski	Faculties of Gdańsk University of Technology, Faculty of Electrical and Control Engineering, Department of Biomechatronics	1. Artificial Intelligence 2. Image Analysis 3. Biomechatronics 4. New technologies in medicine	Yes	No	3
10	prof. dr hab. inż.	Jacek	Rumiński	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Biomedical Engineering	1. medical image processing 2. artificial intelligence 3. human-system interaction 4. active assisted living	Yes	Yes	3
11	dr hab. inż.	Agnieszka	Sabik	Faculties of Gdańsk University of Technology, Faculty of Civil and Environmental Engineering, Department of Mechanics of Materials and Structures	1. Finite Element Modeling 2. Composites 3. 3D printed stuctures 4. Mechanics of tissues	Yes	No	3
12	prof. dr hab. inż.	Małgorzata	Szczerska	Faculties of Gdańsk University of Technology, Faculty of Electronics Telecommunications and Informatics, Department of Optoelectronics	1. biophotonics 2. medical optics 3. optical biosensors 4. imaging systems	Yes	Yes	3
13	dr hab. inż.	Piotr	Szweda	Faculties of Gdańsk University of Technology, Faculty of Chemistry, Department of Pharmaceutical Technology and Biochemistry	1. Candida 2. moulds 3. plant extracts 4. antifungals	Yes	Yes	3

14	prof. dr hab. inż.	Ewa	Wagner-Wysiecka	Faculties of Gdańsk University of Technology, Faculty of Chemistry, Department of Chemistry and Technology of Functional Materials	1. chemical sensors 2. bioanalyte detection and determination 3. chemical recognition 4. biomedical applications	Yes	No	3
15	dr hab.	Beata	Zalewska-Piątek	Faculties of Gdańsk University of Technology, Faculty of Chemistry, Department of Biotechnology and Microbiology	1. uropathogenic Escherichia coli strains 2. Dr fimbriae 3. non-enzymatic glycation 4. hyperglycemia	Yes	No	3