



Politechnika  
Śląska



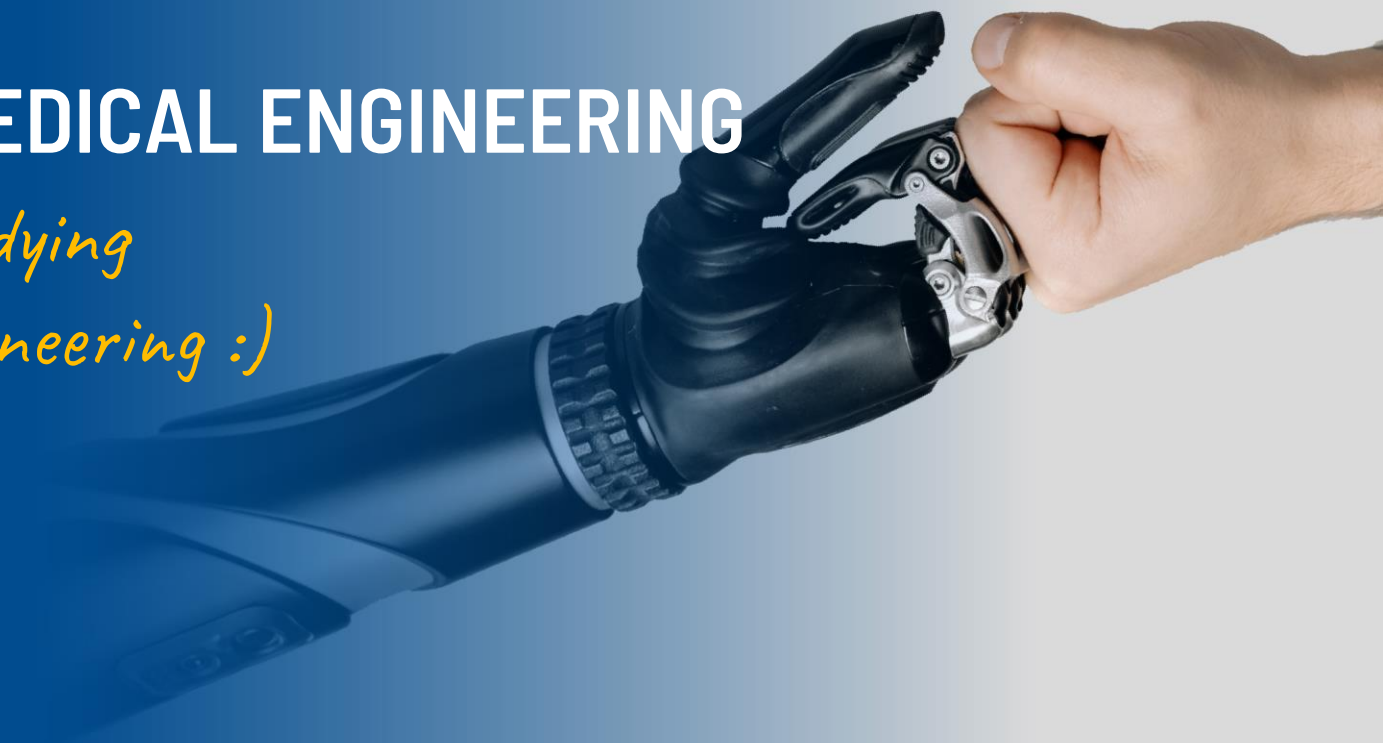
UCZELNIA  
BADAWCZA  
INICJATYWA DOSKONAŁOŚCI



Wydział Inżynierii  
Biomedycznej

# FACULTY OF BIOMEDICAL ENGINEERING

*A few words about studying  
Biomedical Engineering :)*





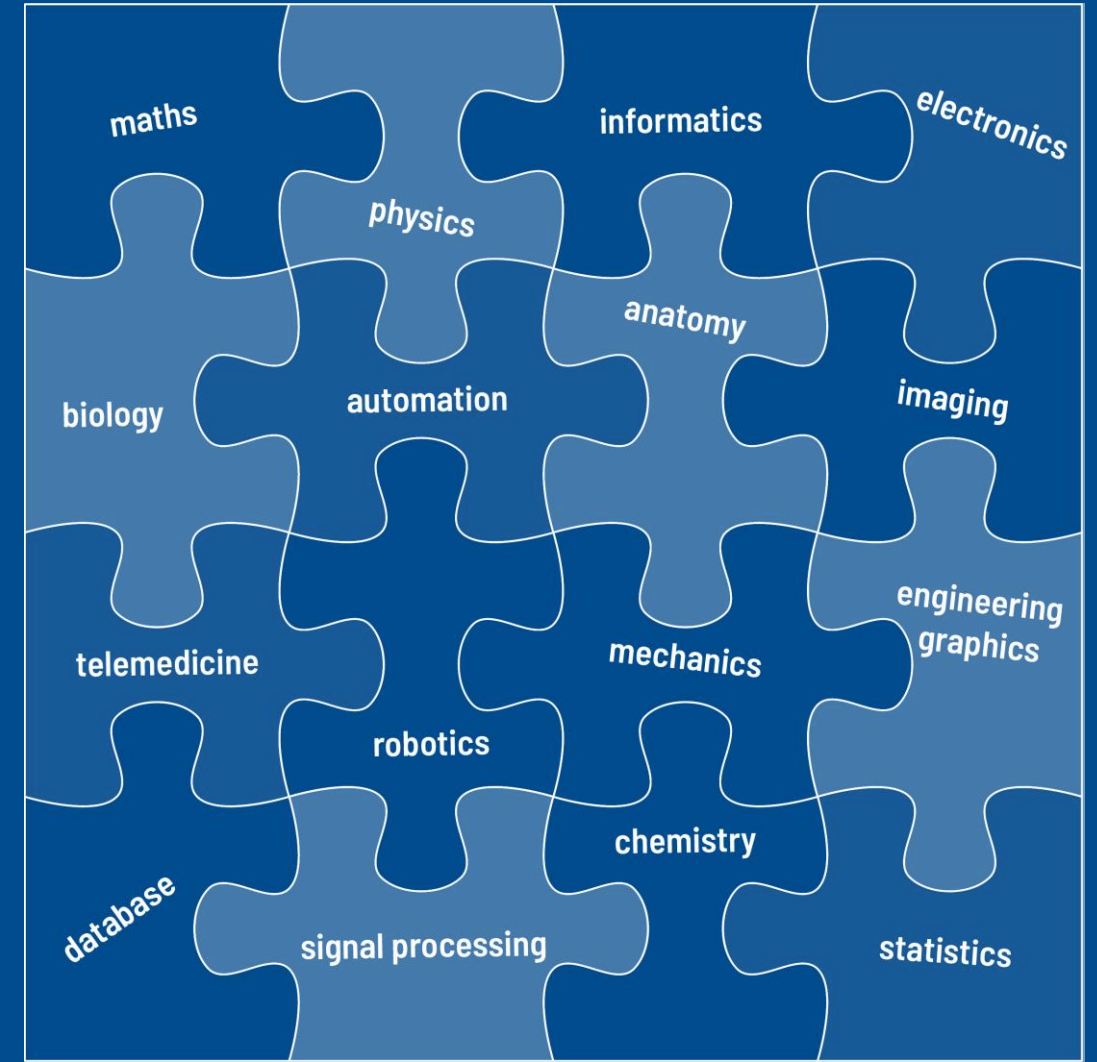
The only faculty of  
*Biomedical Engineering*  
in Poland



# Biomedical engineering

*is an interdisciplinary field of study*

*Synergy of knowledge and  
skills from various fields*



# Education system

*major: Biomedical Engineering*



## First-cycle studies – Bachelor level

*7 semesters*



Medical Informatics and Artificial Intelligence



Biomaterials and Technologies for Medicine



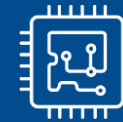
Design of Biomechatronic Devices



Electronics and Biomedical Informatics

## Second-cycle studies – Master level

*3 semesters*



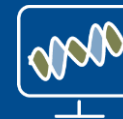
Informatics in Medicine



Design and Manufacturing of Medical Products



Biomechatronics and Medical Equipment



Medical Engineering

*Studies in Polish or English!*

# Graduate profile

*Who can you become after graduation?*



Programmer  
AI specialist



Rehabilitation and sport  
biomechanical engineer



Manufacturer of medical  
products and equipment



CAD designer



Advisor in healthcare  
consulting units



Dynamic simulation  
engineer



Self-employed,  
StartUp



Medical equipment  
service technician



University or research  
institute employee



# University Campus in Zabrze



# Cooperation with industry and research centers

**PHILIPS**

**APAGROUP**  
YOUR TECHNOLOGY. REINVENTED.



UNIVERSITÄT ZU LÜBECK

**UNIVERSITY OF HOUSTON**

**American Heart of Poland**



**NYENRODE**  
BUSINESS UNIVERSITEIT

**accenture**

**CHIRMED®**

**Radpoint.**



**FUNDACJA ROZWOJU KARDIOCHIRURGII**  
im. prof. Zbigniewa Religi



**ProfiMedical**  
Profesjonalna Aparatura Medyczna



**TU/e**  
Technische Universiteit Eindhoven  
University of Technology



**msdn**  
Academic Alliance



**i3D**  
free your dimensions

**Narodowy Instytut Onkologii**  
im. Marii Skłodowskiej-Curie  
Państwowy Instytut Badawczy  
Oddział w Gliwicach

**UNIVERSITÄT SIEGEN**

**WAT** Wojskowa Akademia Techniczna



**CABIOMED**  
MEDICAL ENGINEERING



**Materialise**



**EGZO Tech**



**MESco**

**Technomex**



**ŚLĄSKIE CENTRUM CHOROBY SERCA W ZABRZU**

**robotcam**

**Yoshi Innovation S.A.**

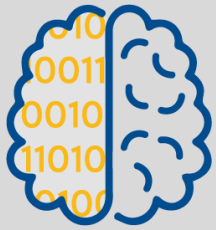
**evertop**





# Student scientific clubs

*expand your passions!*



BIOSOFT

Are you interested in  
**programming, AI or Robotics?**  
Come to us - together we will  
create the future!



BIOKREATYWN

**The most active scientific club  
at the Faculty.** Only with us the  
most interesting projects and  
the opportunity to be a real  
scientist!



SYNERGIA

Research on biomaterials, CAD  
certificates, your ideal scientific  
**publications** - it's possible  
thanks to the activity in our club!



**We increase your competences  
in the field of medical  
technologies!**

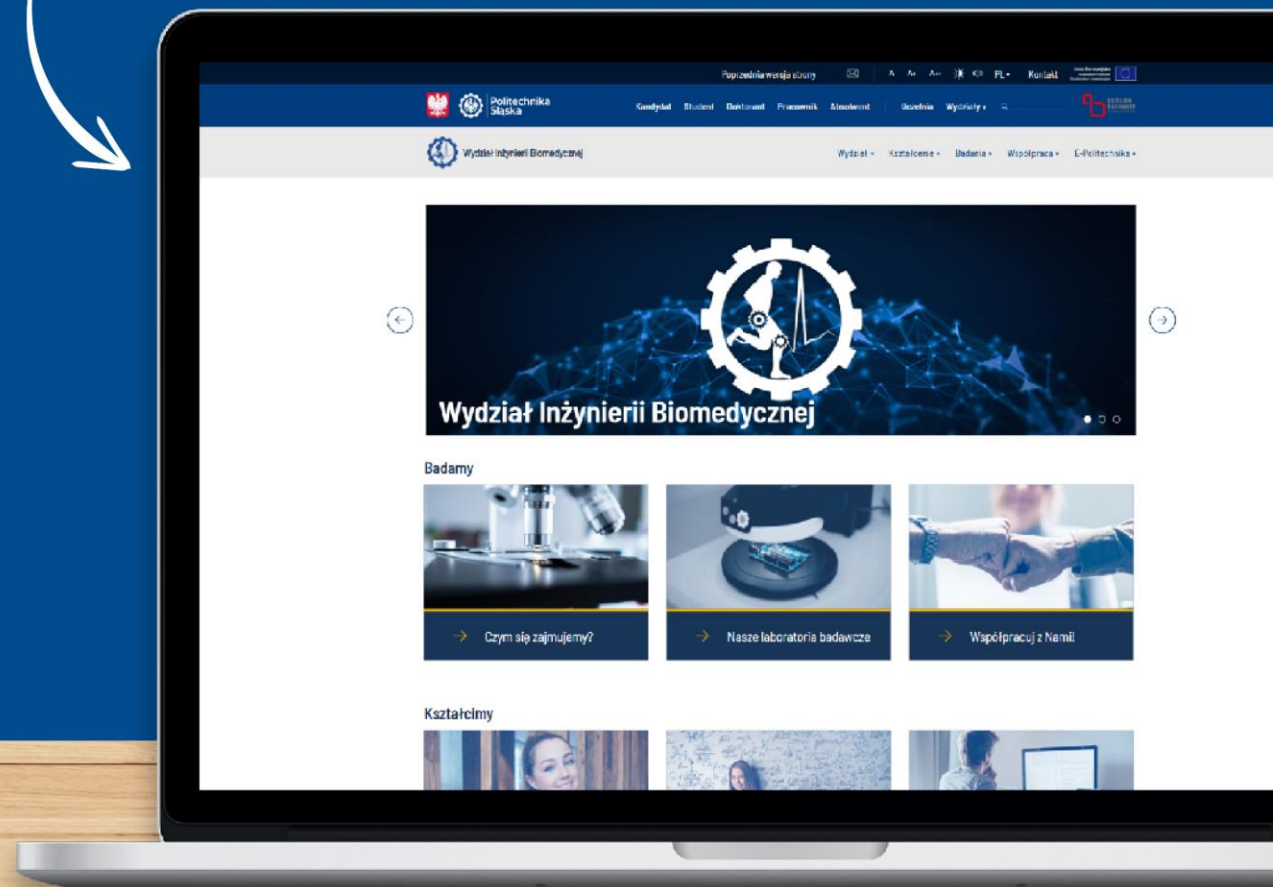
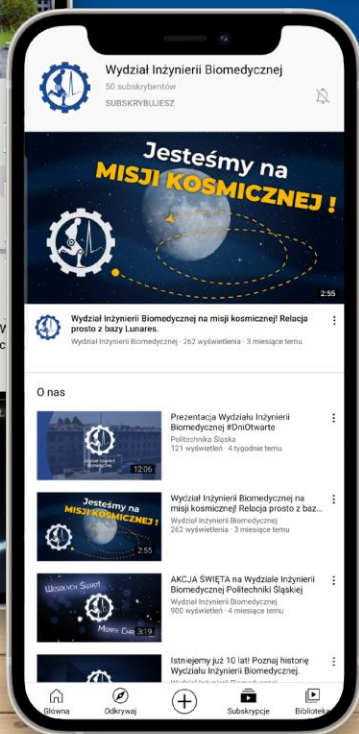
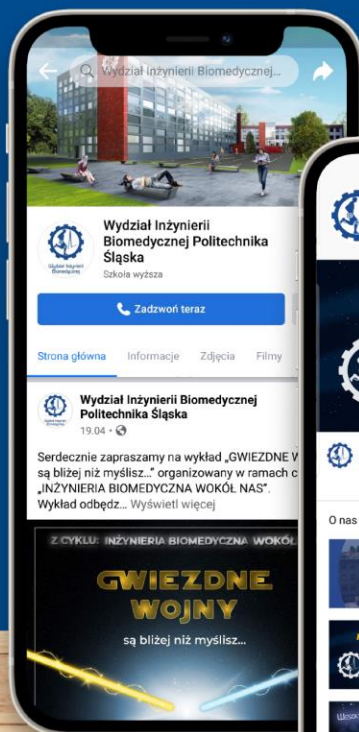




*Only the latest  
information on our  
fanpage :)*

*Leave us a sub so that  
you don't miss anything!*

**Do you want to be up to date?**  
*be sure to check out  
our website!*



**Follow us on our  
social media!**

**ib.polsl.pl**