



Politechnika Gdańska
Gdansk University of Technology

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Gdansk University of Technology

Gdańsk University of Technology (GUT) is the largest technical university in the Pomeranian Region and one of the oldest technical universities in Poland.

The impressive 77 hectare of University campus is a harmonic combination of 100-years old buildings with XXI century ultramodern premises.

At **9 faculties** the University offers Bachelor's, Master's and Doctoral studies conducted in both full time and part time systems in various areas of science and technology.

The **academic offer** comprises 37 fields of undergraduate studies and 27 fields of graduate studies, including 3 interdepartmental courses and 2 inter-academic course currently offered. GUT provides also 2 fields of undergraduate and 12 fields of graduate studies with English as a medium of instruction.

scientific journals on the ISI list, and more than 40 are scientific monographs and academic textbooks.

Great emphasis is placed on maintaining **high education quality standards** – the University holds the prestigious ECTS Label which indicates that the program of education in all fields of study is focused on strengthening the student's practical competence and the shaping of attitudes that will help him enter the labor market. So far, ECTS Label has been received by only four universities in Poland.

GUT is the first and only Polish university to be a member of the CDIO Initiative, founded by the Massachusetts Institute of Technology in collaboration with Chalmers University of Technology in Sweden, providing proindustrial oriented education for engineers on basis of „Conceive, Design, Implement and Operate” concept.

oriented development of engineering skills: planning, design, construction, and inference based on performed experiments.

Innovative University of Technology – selected achievements:

- „Polish invention of the year 2013” was CyberEye, which is used for diagnosis and treatment of persons in a coma. The authors of the interface also received Prime Minister's Award for scientific and technical achievements in 2013.
- Gold medal at the XVII Moscow Exhibition of Inventions and Innovative Technologies „ARCHIMEDES 2014” was awarded to researchers from the Faculty of Electronics, Telecommunications and Informatics of GUT.
- Gold Medal at Poznan International Fair 2014 for satellite pumping unit was awarded to the team of Faculty of Mechanical Engineering.
- Four medals at fair BRUSSELS INNOVA 2013 | GUT scientists won. Gold medals were awarded for inventions developed at the Faculty of Electronics, Telecommunications and Informatics: Talking Maps – GIS system supporting the movement of the blind, CyberEye, a movie player with the function of improving the intelligibility of dialogues. Silver medal was awarded to an intelligent inspection camera controlled by RFID signals.
- Silver medal at the International Fair of Inventions and Innovation IENA 2013 in Nuremberg was awarded to team from the Faculty of Chemistry for biopolymer material for medical and cosmetic applications.
- Gold medal at the fair Technicon-Innovation 2013, together with a special award for the

Full of opportunities for young people



Mertcan Saral (Turkey): *Gdańsk University of Technology gives practical experience and engineer design program knowledge which a new graduate engineer always needs when starts career. Moreover, GUT provides you a chance to gain much more experience in the Europe with Erasmus+ Programme. Gdańsk is a city that you will never forget, you can take historical trips and have great time at the sandy beach.*

25 000 students have access to specialist laboratories, lecture theatres with multimedia facilities, a library with 1.2 million volumes as well as various sports facilities.

The university's achievements in the area of **Research & Development** are reflected in yearly contribution of over 3000 publications, of which nearly 300 appear in the world's most renowned

The university carries out an important project, whose goal is to create modern technical infrastructure for the implementation of the educational program of **Engineer of the Future** at Gdańsk University of Technology. The project includes not only the modernization of didactic infrastructure and construction of laboratories, but first of all the implementation of a new model of education-

Programmes of study in English

- Bachelor in Management
- Bachelor of Science in Green Technologies and Monitoring
- Master in Management, – specialization: International Management; Small Business Economics & Management
- Master of Science in Architecture
- Master of Science in Automatic Control and Robotics – specialization: Signal Processing
- Master of Science in Civil Engineering
- Master of Science in Control Engineering

and Robotics – specialization: Automatic Control Systems

- Master of Science in Electronics and Telecommunications – specialization: Computer Electronic Systems; Radio Communication Systems and Networks
- Master of Science in Environmental Engineering
- Master of Science in Green Technologies and Monitoring
- Master of Science in Informatics – specialization: Distributed Applications and Internet Services

- Master of Science in Mechanical Engineering – specialization: International Design Engineer
- Master of Science in Robotics and Decision Systems
- Master of Science in Ocean Engineering – specialization: Ship and Offshore Structures; Marine and Offshore Energy

PREPARATORY SEMESTER for Master programmes applicants

Fields of study in Polish

- *analitika gospodarcza* Economic Analytics
- *architektura i urbanistyka* Architecture and Urban Planning
- *automatyka i robotyka* Automatic Control and Robotics
- *automatyka i robotyka* Control Engineering and Robotics
- *biotechnologia* Biotechnology
- *budownictwo* Civil Engineering
- *chemia budowlana* Chemistry in Construction Engineering
- *chemia* Chemistry
- *elektronika i telekomunikacja* Electronics and Telecommunications
- *elektrotechnika* Electrical Engineering
- *energetyka* Power Engineering (interfaculty fields of study)
- *europaistyka* European Studies
- *fizyka techniczna* Technical Physics
- *geodezja i kartografia* Geodesy and Cartography

- *gospodarka przestrzenna* Spatial Development
- *informatyka* Informatics
- *inżynieria biomedyczna* Biomedical Engineering (interfaculty fields of study)
- *Inżynieria kognitywna w zarządzaniu i ekonomii* Cognitive Engineering In Management and Economics
- *inżynieria materiałowa* Materials Engineering (interfaculty fields of study)
- *inżynieria mechaniczno-medyczna* Medical and Mechanical Engineering (intercollegiate field of study)
- *inżynieria środowiska* Environmental Engineering
- *inżynieria zasobów naturalnych* Natural Resources Engineering
- *konserwacja i degradacja materiałów* Conservation and Degradation of Materials
- *matematyka* Mathematics
- *mechanika i budowa maszyn* Mechanical Engineering

- *mechatronika* Mechatronics
- *nanotechnologia* Nanotechnology
- *oceanotechnika* Ocean Engineering
- *podstawy nauk technicznych* Bases of Technical Sciences
- *techniki geodezyjne w inżynierii* Surveying Techniques in Engineering
- *technologia chemiczna* Chemical Technology
- *technologie ochrony środowiska* Environmental Protection Technology
- *transport* Transport (Faculty of Civil and Environmental Engineering)
- *transport* Transport (Faculty of Ocean Engineering and Ship Technology)
- *zarządzanie i inżynieria produkcji* Management and Production Engineering
- *zarządzanie inżynierskie* Engineering Management
- *zarządzanie* Management

Facts & figures: established in 1904 • over 1200 academic staff • almost 25 000 students (40% women) • more than 100 000 postgraduates

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product best suited for implementation, which was developed at the Faculty of Chemistry, was obtained by Chill-ID – a thaw indicator.

Location

Gdańsk – the capital of urban agglomeration of over one million citizens, The city has got nearly 500 000

inhabitants and this is one of the largest business, economic, cultural and scientific centers in Poland. Gdańsk has more than 1000-year historical tradition and captivates not only with the huge number of monuments, both sacral and port, but above all, with its unique atmosphere. It is here that turbulent past blends with modernity.

