



# Politechnika Ślaska

# Silesian University of Technology

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# Silesian University of Technology

#### **WORLD-CLASS EDUCATION**

Silesian University of Technology (SUT) is a place that, without any doubts, educates successful people. Almost 10 percent of top-managers in Poland graduated from SUT. Its alumni receive the highest salaries in the region and the 4th highest in Poland. Recently, we have also ranked 4th among higher education schools whose graduates are most sought after by employers and 5th among Polish technical universities. Join us and choose a unique opportunity to study engineering, languages, organization and management in an institution of a worldwide academic reputation and vivid cooperation with major industrial partners.

### STUDY IN THE HEART OF EUROPE

 $\,$  SUT consists of fifteen faculties – eleven are located in Gliwice, where the University was established, two

in Zabrze and two in Katowice. The main seat of SUT is located in Gliwice, a charming, 800 years old city and important scientific, research and design centre in Poland. Gliwice has nearly 200,000 inhabitants and thanks to SUT it is the second (next to Warsaw) agglomeration of technical intelligence. During the last 20 years, Gliwice has transformed from a city based on heavy industry into a leader in new technologies.

#### COOPERATION WITH THE INDUSTRY

SUT established close cooperation with its business environment. In the entire Upper Silesia, there are numerous companies and special economic zones, including the Katowice Special Economic Zone, with numerous enterprises operating in the fields of advanced technologies. SUT does it in order to reach its main objective, which is to train highly skilled

engineering staff for the modern industry and to conduct and implement innovative research. Every foreign student has the opportunity to apply for internship at one of many companies the University cooperates with.

#### LEARN FROM THE BEST

SUT is home to a vibrant community of almost 1.800 of the best and brightest minds. We attract academics whose passion and brilliance drives them to become leaders in their field. Excellent teaching staff is one of the strongest assets of the University. The inauguration ceremony of the first academic year, with only 3.000 students and 200 teachers, was held over 72 years ago. Today, there are nearly 22.000 students, 1.800 academics and almost 50 fields of study covering the whole range of engineering disciplines, management, organization and foreign languages.

# Wonderful place and people



Ricardo Marques: : 1 am a Brazilian and I am PhD student in materials engineering. I always had the intention to participate in an exchange programme and the Erasmus Mundus gave me this opportunity. I opted for it because I believe that it is the most famous exchange programme and offers the best support for students. Before applying for the exchange I've done research on the universities in Europe and chose Silesian University of Technology because it fits my research needs. I was very well received by professors, colleagues and staff. The life in Poland, more specifically in Gliwice, is wonderful and quite. People are well-educated and whenever possible they help others. It is wonderful lesson of a different culture. I will keep this experience in my mind for the rest of my life. I am very thankful of this opportunity and I hope to stay in touch with friends I met.

#### **BEST STUDENT EXPERIENCE**

Studies at SUT give ample opportunities to broaden your interests. During the academic year, the university is vibrant with activities inspired by Student Council and various student organizations, over 100 scientific associations and 20 different sport sections, such as: basketball, volleyball, cycling, handball, skiing, aerobics etc.

SUT is also a key player in new technologies. It is here, where new ideas are brought to life, and once applied by the industry they boost competitiveness of Polish and international companies.

## Programmes of study provided in English:

- BSc in Automatic Control, Electronics, Telecommunication and Computer Science
- BSc in Civil Engineering
- BSc in Electrical Engineering
- BSc in Industrial and Engineering Chemistry
- BSc in Management and Production Engineering – Management of Production Systems
- BSc in Management and Production Engineering – Management of Production System (part-time studies)
- BSc in Mechanical Engineering
- BSc in Power Engineering
- MSc in Automatic Control, Electronics, Telecommunication and Computer Science – Automatic Control
- MSc in Automatic Control, Electronics, Telecommunication and Computer Science – Computer Science
- MSc in Automatic Control, Electronics, Telecommunication and Computer

- Science Electronics and Telecommunication
- MSc in Automation and Robotics

   Integrated Manufacturing Systems

   (under the patronage of Balluff company)
- MSc in Biotechnology Biofuels
- MSc in Civil Engineering
- MSc in Industrial and Engineering Chemistry
- MSc in Materials Engineering

   Automation and Robotisation of Technological Processes
- MSc in Mechanical Engineering
   Aircraft Design
- MSc in Mechanical Engineering
   Lightweight structures (under the patronage of Silesian Aviation Cluster)
- MSc in Materials Engineering
   Materials Science Examinations
- MSc in Mechanical Engineering

   Materials Technology for Automotive

   Industry

- MSc in Materials Engineering

   Welding Technologies and Surface

   Engineering in Manufacturing (under the patronage of Messer Eutectic Castolin LTD company)
- MSc in Mechanics and Machine Design
   Aircraft Propulsion Systems
- MSc in Mechatronics Mechatronic Systems Engineering (under the patronage of IBS Poland company)
- MSc in Nanotechnology and Materials Processing Technologies – Materials Processing Technologies
- MSc in Nanotechnology and Materials Processing Technologies – Research of Nanostructured Materials
- MSc in Power Engineering Computer Aided Energy Engineering
- MSc in Power Engineering Clean Fossil and Alternative Fuels Energy
- MSc in Transport Transport Safety Systems

# Fields of study in Polish

- administracja Administration
- analityka biznesowa Business Analitycs
- architektura Architecture
- architektura wnętrz InteriorDesign
- automatyka i robotyka Automatic control and robotics
- automatyka i informatyka przemysłowa Automatic Control and Industrial informatics
- biotechnologia Biotechnology
- budownictwo Civil engineering
- budownictwo podziemne Underground Contruction
- chemia Chemistry
- elektronika i telekomunikacja Electronics and Telecommunication
- elektrotechnika Electrical Engineering
- energetyka Power Engineering
- filologia Philology
- fizyka techniczna Technical Physics
- górnictwo i geologia Mining and Geology

- gospodarka surowcami mineralnymi Management of Mineral Resources
- informatyka Computer Science
- informatyka przemysłowa Industrial Informatics
- informatyka stosowana z komputerową nauką o materiałach Applied Computer Science with Computer Materials Science
- inżynieria biomedyczna Biomedical Engineering
- inzynieria bezpieczeństwa Safety Engineering
- inżynieria chemiczna i procesowa Chemical and Process Engineering
- inżynieria materiałowa Materials Engineering
- inżyniera produkcji Production Engineering
- inżynieria procesowa i aparatura przemysłowa Industrial Equipment and Process Engineering
- inżynieria środowiska Environmental Engineering
- logistyka Logistics
- matematyka Mathematics
- mechanika i budowa maszyn Mechanics and Machine Design

- mechatronika Mechatronics
- metalurgia Metallurgy
- monitoring i zarządzanie środowiskiem Environment Monitoring and Management
- nanotechnologia i technologie procesów materiałowych Nanotechnology and Material Processing Technologies
- pedagogika Pedagogy
- ochrona środowiska Environmental Protection
- socjologia Sociology
- technologia chemiczna Chemical Technology
- technologie metali Metals Technology
- teleinformatyka Information and communications technology
- transport Transport
- transport Kolejowy Railway Transport
- zarządzanie Management
- zarządzanie i inżynieria produkcji Management and Production Engineering
- zarządzanie projektami Project Management

Facts & figures: ● Established in 1945 ● 190.000 graduates ● 1750 academic staff ● 21500 students

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#### **AWARDS AND RANKINGS**

SUT received the ELSEVIER Research Impact Leaders 2016 Award in the Engineering and Technology category as one of the higher education institutions whose publications had the greatest impact on the perception of Polish science in the world. Silesian University of Technology ranked 4th in Poland and 17th in Eastern European countries among higher education institutions in the SCImago Institutions Rankings (SIR). The Ranking included almost 3.000 academic institutions from all over the world. In the recent "Perspektywy" Ranking of Engineering Studies 2017, the Silesian University of Technology succeeded by achieving the 4th place among Polish universities offering study programmes in the field of engineering.

