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# Cracow University of Technology

Cracow University of Technology (CUT) has been training engineering staff for more than seventy years. Graduates of our university are highly valued in the labour market, which is reflected in the fact that among all Polish universities Cracow University of Technology took first place in the ranking of employers in 2008. This is no doubt thanks to the alumni, but also it is a proof that the majors offered by our university are attractive and relevant to labour market needs and the education of generations of engineers is of high quality.

Current educational offer of Cracow University of Technology includes 31 majors of undergraduate and graduate programmes, which are conducted at 7 faculties of the university. Such a wide range of choice means variety of intellectual exploration and ability to solve challenging tasks under the supervision of well qualified teaching staff, both within the framework of mandatory classes, as well as in 82 scientific student associations operating at our university. Among more than 1,200 teachers, you can meet many outstanding

international contacts of CUT faculty, our students have the possibility of participating in exchange programmes abroad on the basis of agreements signed by Cracow University of Technology with universities around the world. Experience gained this way is extremely valuable from the point of view of a young man/woman who start their career. It should also be noted that 9 of our majors were contracted by the Polish Ministry of Science and Higher Education in the academic year 2012/2013.

Studies at Cracow University of Technology not only guarantee a high level of education. Each of you will certainly find some sports discipline that corresponds to your aspirations. You can choose from the offer of 18 sports sections, 3 extreme sports sections and 10 recreational sections of CUT Students' Sports Association. You can also become a member of the University Students' Council and a number of other student organizations. You will definitely appreciate our social and sports facilities which belong to the most modern and sophisticated of all Cracow universities and technical universities in Poland.

Students and alumni of our university can also count on help of CUT Career Services in setting their career paths and job search. According to the survey on the fate of our alumni, they are doing well in the labour market. They are employed in state-owned companies, private, domestic and foreign companies, in central and local government and in design offices, as well as in universities and research institutes.

Undertaking studies at our university, you become a part of a more than 17-thousand CUT student fraternity, and at the same time you will be a part of a group of more than 190,000 students in Cracow - a city of culture, science and students.



## A dream comes true

**Gabriela González Aguirre (Mexico):** *If I was to describe with one word my experience in Kraków it would definitely be: incredible. It was unbelievable since the beginning. Coming from México, it's not usual to visit such a place, but I don't regret choosing Poland at all. I loved every second of it. Kraków it's such a beautiful city. I didn't know what to expect at the beginning, but it definitely blew my mind away. The history written in its buildings, the impressive modernism in its galerias and museums, the beauty of its landscape and the warmth of the people; it all became my new home for a semester, and I couldn't have been happier.*

*I spent the majority of my days with a smile on my face. School was sometimes challenging but it really opened my mind as to what architecture really means. The design process was somewhat different than in México, but it was an amazing opportunity to be able to learn another way of creating and designing a building. I found myself surrounded with people that taught me every day that you can always learn more than you already have learned. I really believe that Kraków changed my life. I definitely am very grateful for being able to live this experience: getting to travel to other cities in Europe, meeting amazing people, discovering new ways of designing and finding out that you can have more than just one home.*

Our students are people with passion. Among CUT students and alumni there are constructors of the mobile robot CyberFish, the world champion and three-time Polish champion in solving sudoku puzzles and the laureate of the Royal City of Krakow Award.

professionals who participate in intercollegiate research teams, both domestic and international. Their expertise and knowledge allow our university to maintain the appropriate position in Poland and in the international scientific community. Thanks to

## Programmes of study in English

- **BSc in Architecture** (accredited by the Royal Institute of British Architects RIBA)
- **BSc in Civil Engineering**
- **BSc in Mechanics and Machine Design**
- **MSc in Architecture** (accredited by the Royal Institute of British Architects RIBA)
- **MSc in Civil Engineering**
- **MSc in Computer Science**
- **MSc in Innovative Chemical Technologies**
- **MSc in Mechanics and Machine Design**
- **MSc in Power Engineering**

## Fields of study in Polish

- **architektura** Architecture (accredited by the Royal Institute of British Architects RIBA)
- **architektura krajobrazu** Landscape Architecture (accredited by the European Federation for Landscape Architecture EFLA)
- **automatyka i robotyka** Automatic Control nad Robotics
- **biotechnologia** Biotechnology
- **budownictwo** Civil Engineering
- **chemia budowlana** Construction Chemistry
- **elektrotechnika** Electrical Engineering
- **energetyka** Power Engineering
- **fizyka techniczna** Applied Physics
- **gospodarka przestrzenna** Land Management
- **informatyka** Computer Science
- **informatyka stosowana** Applied Computer Science
- **inżynieria bezpieczeństwa** Safety Engineering
- **inżynieria biomedyczna** Biomedical Engineering
- **inżynieria chemiczna i procesowa** Chemical and Process Engineering
- **inżynieria materiałowa** Materials Engineering
- **inżynieria środowiska** Environmental Engineering
- **inżynieria wzornictwa przemysłowego** Industrial Design Engineering
- **matematyka** Mathematics
- **nanotechnologie i nanomaterialy** Nanotechnologies and Nanomaterials
- **ochrona środowiska** Environmental Protection
- **technologia chemiczna** Chemical Technology
- **transport** Transport
- **zarządzanie i inżynieria produkcji** Management and Production Engineering

**Facts & figures:** Total number of students: 15630 • Total number of university staff: 2134

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Cracow University of Technology (CUT) scientists were honoured with prestigious awards for scientific achievements, inventions, architectural designs, and outstanding publications.

Young inventors of the Faculty of Chemical Engineering and Technology won the gold medal at the international exhibition of inventions in Brussels - Brussels Innovate 2016. The researchers have developed biodegradable chitosan aerogels that can be used in medicine, in particular transplantation as a scaffold for cell cultures.

The research team from the Institute of Landscape Architecture at the CUT Faculty of Architecture received the Award of the Polish Minister of Science and Higher

Education for outstanding achievements in teaching.

The Builder magazine rewarded professors from the CUT Faculty of Civil Engineering for research and contribution to the development of the construction industry. One of the researchers prof. Andrzej Flaga, is the head of the Wind Engineering Laboratory at Cracow University of Technology, the only research facility in Europe, which performs, among others, simulation test of snow-loaded objects. Scientists from the Laboratory specialize in issues related to aerodynamics and dynamics of buildings, engineering, wind power and influence of the environment on buildings and constructions. The

other researcher prof. Krzysztof Stypuła, director of the Institute of Structural Mechanics at Cracow University of Technology, was honoured for research activities in the field of designing objects taking into account the effect of vibration.

Prof. Witold Grzegózek, head of the CUT Department of Motor Vehicles Construction was awarded the Green Phoenix for the achievement of scientific research in the field of eco-motorization. Under his supervision a number of student projects were done, such as: electric vehicles, including the eco-friendly vehicle for the disabled, hybrid urban vehicle, tilting three-wheeled scooter and tilting bicycle van.

