



# Cracow University of Technology

## About us

Cracow University of Technology (PK) is a public university with almost 80 years of tradition (founded in 1945). Tadeusz Kościuszko has been our patron for over 30 years. He was a national hero of both Poland and the United States of America, but he was also an engineer and a builder, responsible for the fortifications in Cracow and the West Point fort in the United States. His name is a reminder of our responsibility to respect tradition, the accomplishments of our academic ancestors, reliability in giving access and promoting knowledge and openness towards new ideas.

Cracow University of Technology comprises 8 faculties with 30 majors of study accredited by the Polish Accreditation Committee (<http://www.pka.edu.pl/en/>). Also the majors taught by the Faculty of Civil Engineering and the Faculty of Architecture are accredited by the European Network for Accreditation of Engineering Education. Moreover the major in Architecture is accredited by the Royal Institute of British Architects (RIBA) and the major in Landscape Architecture earned the accreditation of the International Federation of Landscape Architects (IFLA) Europe. Cracow University of Technology was awarded the Logo Human Resources Excellence in Research by the European Commission.



**Currently Cracow University of Technology is present in the following international rankings:**

**Shanghai Ranking's Global Ranking of Academic Subjects 2019 – Mechanical Engineering (#301 – 400)**

**QS World University Rankings 2019 QS World University Ranking (#801-1000)**

**2019 Eastern Europe and Central Asia University Rankings (#83)  
UI GreenMetric World University Ranking 2018 (#572)  
U-Multirank**



## Why choose PK?

Currently nearly 14,000 students taking full-time, part-time and Ph.D. studies as well as post-graduate studies with nearly 1,100 academic teachers overseeing their education. Total number of alumni that graduated from PK exceed 80 000. Our alumni find jobs at public and private companies, national and international enterprises, government administration, and also at universities and research institutes. We are committed to ensure that all the PK graduates represent a high level of expertise as well as the highest ethical standards so that they can choose from many interesting job offers.

Cooperation with many universities and scientific centres all over the world enables joint publications and research, exchange of students and academic teachers, as well as the possibility of obtaining additional certificates and double diplomas. Cooperation with industry is also well-developed, and a Technology Transfer Centre is active in the university. A Special Economic Zone - the Cracow Technological Park - was created in 1997 as a reply for a call from the university. It has since become a platform linking the Cracovian scientific world with modern technologies.



**Cracow University of Technology (PK) comprises 8 faculties offering 30 majors of study.**

*Faculty of Architecture*

*Faculty of Computer Science and Telecommunications*

*Faculty of Chemical Engineering and Technology*

*Faculty of Civil Engineering*

*Faculty of Electrical and Computer Engineering*

*Faculty of Environmental and Power Engineering*

*Faculty of Materials Science and Physics*

*Faculty of Mechanical Engineering*



## BSC in Mechanics and Machine Design

Advanced Computational Mechanics (ACM) is addressed for students who want to study contemporary problems in theoretical and applied mechanics with computer support. The program contains of the following general topics: basis in mathematics and physics, theoretical mechanics and strength of materials, material science and machining of structures, informatics and numerical methods, mechanics of solids, fluid mechanics, thermodynamics, theory of vibration and acoustics, automatic control and mechatronics, intelligent materials. Selected subject can be studied by Erasmus program students.



## BSC Chemical and process engineering

Students of Chemical and Process Engineering acquire universal technical education with good foundations of mathematics, physics and chemistry, allowing them to work in a wide range of production, design and scientific activities. They are prepared to solve advanced engineering problems, optimize the operation of industrial devices and installations, both on a small scale and on a large-scale industrial scale.

## BSC in Civil Engineering

After completing the 1st cycle studies, the graduate is qualified within the domain of design and erection of any building and engineering structures such as buildings, roads, bridges, shell structures, storage tanks, underground structures erected using reinforced concrete, masonry, metal and timber technologies. The graduate is prepared to oversee and manage the building processes as well as maintenance, operation and restoration of building resources. This knowledge is based on the gains of modern technology, using computer methods and information technologies. The graduate is capable of understanding social, economic, legal and other conditions affecting the engineering activities. He is able to work as a member of a team.



## BSC in Electrical engineering and automation

The field of study Electrotechnics and automation provides the education of specialists equipped with competences sought after on the labor market, necessary to perform engineering works in the field of: construction and drawing schematic and assembly electrical circuits; construction and operation of transformers, electrical machines and drive systems; analog and digital control methods of electric drive systems; modeling of electrical systems in industrial automation; microprocessor technique; designing systems for transmission, distribution and use of electricity; time and frequency domain electric waveform analysis; design and construction of systems for measuring electrical and magnetic quantities; design and service of electrical and power electronic systems.

## BSC in Computer Science in Computer Engineering

The field of Computer Science in Computer Engineering with an academic profile implements the full program of first-cycle studies in the field of Computer Science in relation to engineering, i.e. activities dealing with the development of techniques and technologies.

Our engineers have the knowledge of software engineering, which integrates factor (ang. Ware) hardware (ang. Hardware), software (called. Software) and network (ang. Netware) of modern computer systems and identifies and solves problems known. human factor (ang. Peopleware) - in the practical aspects of computing.



### How to apply

Once you have found a course you want to study the next step is to apply by following the IUT admission procedure for outgoing mobility. You can refer to your international department coordinator to determine the best option for your studies abroad.



### Cost of Living

Poland is a member state of the European Union, but uses the zloty (PLN) as a currency. Minimum monthly expenses are approximately PLN 1500 (ca. EUR 350).

- Accommodation: PLN 400 (in CUT dormitory – a place in a double room);
- PLN 800 -2000 (accommodation - own arrangement)
- Food: from PLN 500
- Transport: around PLN 50 (monthly pass with a student discount)
- Mobile telephone pre-paid card - from PLN 30
- Miscellaneous: PLN 300 – 500

Students (upon showing their ID card) are entitled for discount prices on many activities, especially on transportation and in the entertaining sector (e.g. museums, galleries, clubs, concerts)

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