

CZESTOCHOWA UNIVERSITY OF TECHNOLOGY

GUIDEBOOK FOR CANDIDATES

FACE
RECOGNITION

BIOMETRICS

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REGION OF CZESTOCHOWA

Czestochowa is located in one of the most picturesque parts of Poland, Cracow-Czestochowa Upland, the Polish Jura. Thanks to the surrounding Jurassic hills, nature reserves, rocks and cave complexes, tourists visiting Czestochowa and the surrounding area can do various sports as well as engage in other leisure activities. Those seeking active recreation will be delighted by the region's hundreds of kilometres of hiking trails, cycling and horse-riding routes, canoeing opportunities, climbing schools, a beautifully located golf course and a modern off-road track. You can also visit mediaeval fortifications or their ruins on the "Eagles' Nests Trail", starting from Olsztyn near Czestochowa and finishing in Pieskowa Skała in the vicinity of Cracow.



Student **Veronika Baidukova**, Ukraine

CITY OF CZESTOCHOWA

Czestochowa has more than 230 000 inhabitants and is one of the most recognizable Polish cities in the world. Czestochowa's advantage is its attractive location in Slaskie (Silesian) Voivodeship, 120 kilometres north of Cracow and 240 kilometres south of the capital city - Warsaw, easily accessible by road or rail.

Our town is also a significant academic centre. The city is immersed in the Polish and European tradition, often referred to – due to the Jasna Gora Monastery – as the "spiritual capital of Poland". At the same time, it is a city of dialogue between many cultures, open to the world and welcoming to tourists.



Graduated student **Tetiana Dombrovska**, Ukraine



CZESTOCHOWA UNIVERSITY OF TECHNOLOGY

Czestochowa University of Technology (CUT) is the oldest and the largest state university in the region, founded in the 1940s. All faculties have rights to confer doctoral degrees. During its scientific and educational activities, it has become an inherent part of Poland's history and tradition of the Czestochowa region and the city itself. In nationwide rankings of the state institutions of higher education, we are among the top universities in Poland of a similar profile.

CUT has a reputation for being a modern and well-equipped school which offers a wide range of courses and a high level of education. The excellent quality of our teaching and research, and the unrivalled academic knowledge and experience of our academic staff, make studying at CUT a stimulating and invaluable experience. The University also prides itself on having good student infrastructure, a wide range of high-standard laboratories and lecture rooms for support research and teaching, as well as a modern main library and faculty libraries.





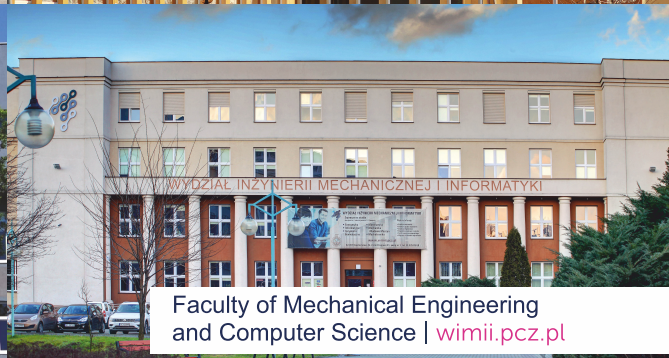
Faculty of Civil Engineering | bud.pcz.pl



Faculty of Electrical Engineering | el.pcz.pl



Faculty of Infrastructure and Environment | is.pcz.pl



Faculty of Mechanical Engineering and Computer Science | wimii.pcz.pl



Faculty of Production Engineering and Materials Technology | wip.pcz.pl



Faculty of Management | wz.pcz.pl

STUDIES IN ENGLISH

CUT offers full-time BSc and MSc studies in English. Students can benefit from a unique curriculum that will help them develop a wide range of useful and transferable skills.

- MSc in Computational Intelligence and Data Science
- MSc in Modelling and Simulation in Mechanics
- MSc in Intelligent Energy for Environmental Protection
- MSc in Logistics
- MSc in Management
- BSc, MSc in Quality and Production Management



Student **Sandra Nzube Ekeiwu**, Nigeria

**BUSINESS PROCESS
MANAGEMENT**
Practical Guidelines to Successful
Implementation
JOHN JESTON

Fourth
edition **BUSINESS PROCESS MANAGEMENT**
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MSc in Computational Intelligence and Data Science

(3 semesters)

Computational Intelligence and Data Science specialty is addressed to candidates interested in knowledge of modern methods of artificial intelligence and, in particular, computational intelligence and its applications, e.g. the analysis of big data and data mining. The proposed subject is closely related to scientific research conducted by the Faculty of Mechanical Engineering and Computer Science.

This ensures a professional level and topicality of classes. Obtained knowledge and experience allow working within processing statistical data including the economic, marketing, medical, etc., which today is a key component of economic activity.

The presented methods are also inseparable elements of modern systems of data streams processing representing for example sound and image in the industrial and consumer devices. Graduates can therefore use obtained knowledge in a variety of design teams. Extremely important is also the ability to acquire experience in the use of specialized software.



Graduated student **Harshaka Buddinath Vitharana Waththegedara**, Sri Lanka

MSc in Modelling and Simulation in Mechanics

(3 semesters)

Students of Master course on Modelling and Simulation in Mechanics obtain the sound knowledge in the field of advanced mechanics of materials (solids, fluids, complex materials e.g. Polymers) as well as dynamics of technical systems and their mathematical description allowing for their modelling and simulations. The course programme is composed of various modules covering variety of mechanical areas, allowing for their integration into complex mechanical problems of practical importance. The knowledge provided is a mixture of different approaches and advanced engineering techniques, students are trained to use commercial software and to be able to make thorough interpretations of simulation results.

The knowledge provided to students is based on the fundamental principles of mechanics, strength of materials, fluid mechanics, thermodynamics, optimisation and numerical methods.

Graduates of Master course on MODELLING & SIMULATION IN MECHANICS are good candidates for R&D units of enterprises and research institutes active in the fields of aviation, automotive, energy, process engineering and many others. Graduates are ready to face the problems encountered in daily engineering practice and to solve them with the use of modern and up-to-date approaches and techniques. Graduates are aware of methods used to minimise the environmental impacts of engineering activities.



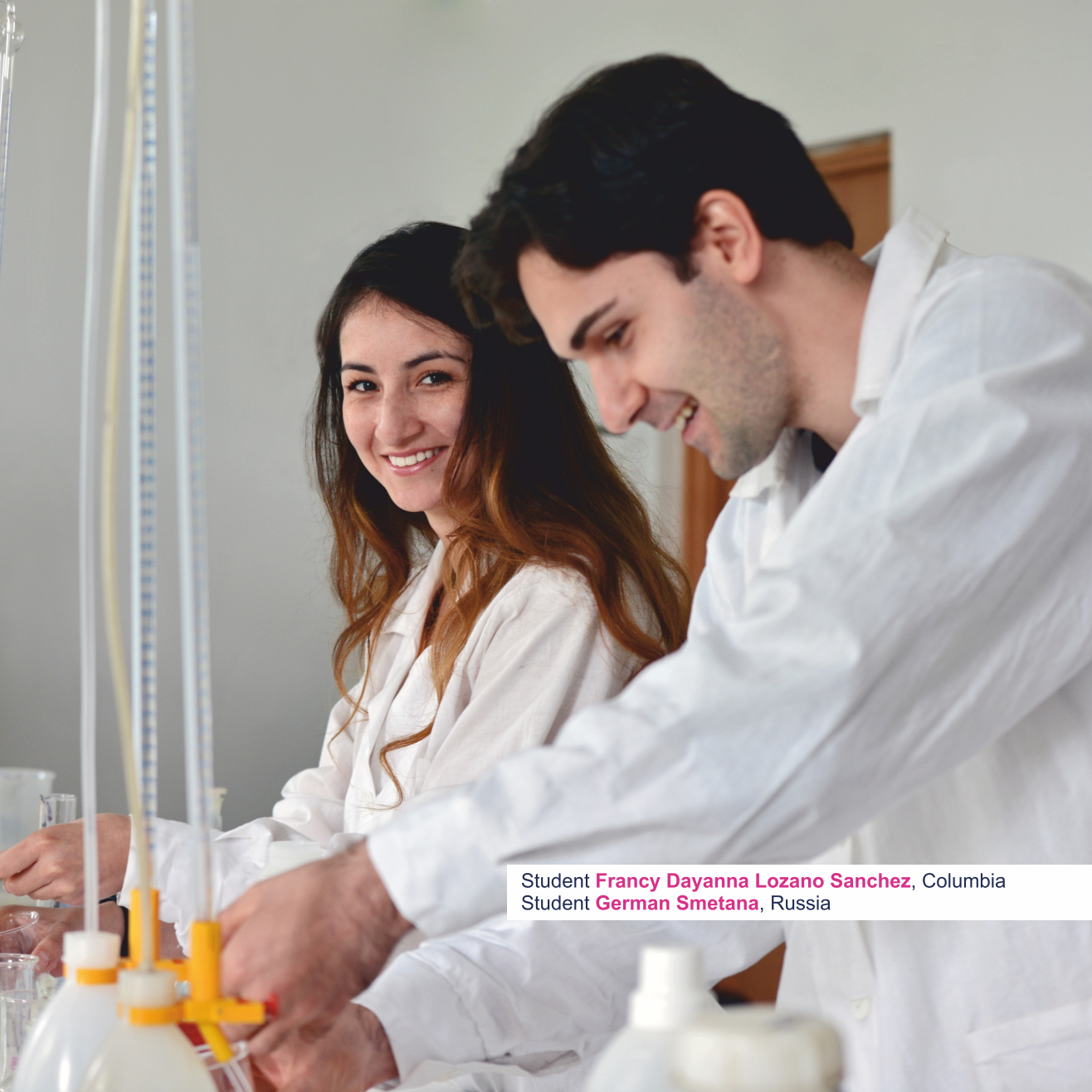
Student **Daulet Smailov**, Kazakhstan

MSc in Intelligent Energy for Environmental Protection

(3 semesters)

The graduates of this program will receive profound education in the area of energy engineering. The graduates will develop and improve a range of transferable skills such as creative thinking and problem solving, talking about complex engineering problems in English, entrepreneurship and innovativeness that will prepare them for successful careers in many professions. This program combines the advanced knowledge and practical experience in energy engineering with intelligent and sustainable approach to environmental protection and will make an interdisciplinary degree.

The graduate of the second-degree studies in the field of Environmental Engineering is a specialist in the field of water, wastewater, waste management and protection issues and treatment of soil and air. A program graduate is prepared to design, and especially in construction, supervision and operation of equipment, installations and objects of environmental engineering. The acquired knowledge also allows performing and coordinating research work and solving administrative and legal problems of local government and economic units. The graduate is ready to communicate in the field of environmental engineering with industry specialists and the society, as well as to organize and manage teamwork.



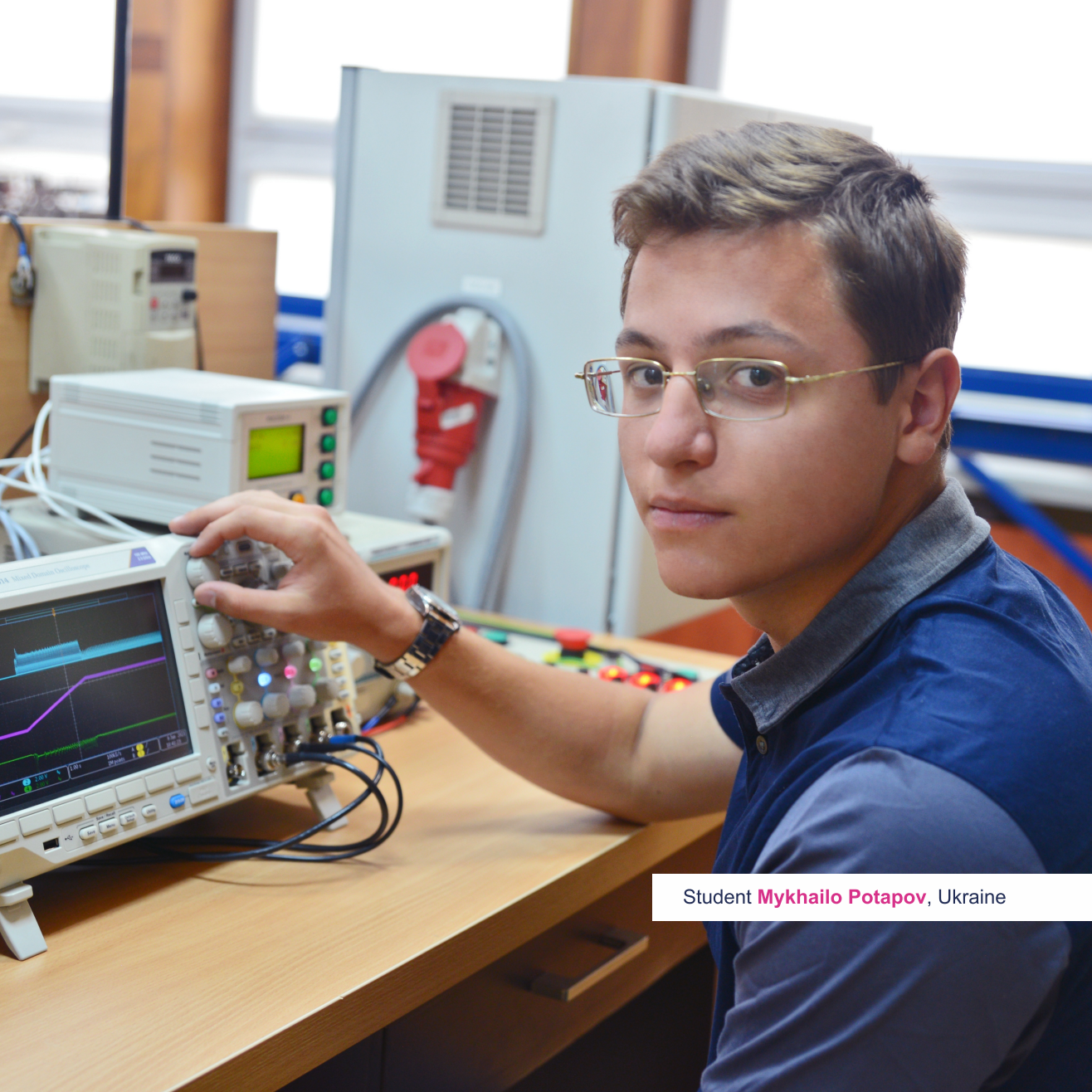
Student **Francy Dayanna Lozano Sanchez**, Columbia
Student **German Smetana**, Russia

MSc in Logistics (4 semesters)

By studying Logistics you will gain both theoretical knowledge and practical skills in logistics management. You will learn the essence of managing modern organizations and the principles of logistics activities of business entities. You will also acquire skills in solving logistic problems and learn to use the acquired knowledge and practice in the process of managing an economic entity.

We offer you a prestigious form of learning in small groups, in the company of friends from all countries of the world, so you can make interesting friends and get to know other cultures and customs. Studying in the field of Logistics also allows you to acquire practical competence through the possibility of participating in many international initiatives and projects aimed solely at English-speaking students.

We will enable you to gain knowledge and practice in organizing transport, selecting means of transport and carrying out all logistic tasks. You will gain theoretical knowledge and practical skills regarding modern logistics systems and their functioning in industry and commerce, as well as concerning professional logistics information management in various types of enterprises and business and administrative units in which logistics knowledge is required.



Student **Mykhailo Potapov**, Ukraine

MSc in Management (4 semesters)

A graduate of management has the skills necessary to manage a small to medium-sized manufacturing/service company as well as units of government administration and local government. At the same time the students obtain knowledge in the areas of economics, accounting and finance, marketing and Public Relations, which allows them to independently assess the financial position of a company and to take care of its further development, while shaping the company's external image in cooperation with the media. You will have the skills to communicate effectively, negotiate and persuade, and work in a team. By studying management, you will gain knowledge and skills in many areas, which will allow you to make an absolutely conscious decision about your professional future because the wide thematic range of this direction will give you full awareness of what you want to do in life.



Student **Anhelina Shapovalova**, Ukraine

BSc in Quality and production management **(engineering studies, 7 semesters)**

Studying Quality and Production Management you will learn from the practical side the tools and methods for solving various production problems that are very useful in any enterprise. We will show you how you can improve the production process or design products, how to carry out various types of control and how to evaluate the effect of work.

We will teach you to implement tasks in the field of product and service quality management, production and service processes management; To organize and manage personnel and coordinate the work of employee teams; to participate in the implementation and realization of research and development works, especially regarding technological and organizational innovations, and participate in works related to technical and organizational consulting in the field of production engineering and quality management.

MSc in Quality and Production Management **(3 semesters)**

The aim of education on second-cycle studies in the field of study quality and production management is to gain theoretical knowledge and practical skills essential in the process of industrial transformation 4.0, with a special focus on quality of product development, modern tools for production organization and industry 4.0 manager competences.

This is not an ordinary course, but one that offers the opportunity to acquire so-called engineering competences (so-called hard skills) as well as soft one related to human team management skills, as well as engineering projects. Due to this combination, we achieve the synergy effect and maximum use of the potential of graduates in these course on the labor market. In this case, the career path is not limited only to a purely technical or engineering path, but it is possible to choose a managerial path at any time, in which the combination of soft-managerial and engineering competences can prove to be a huge advantage.



Student **Gift Oriaku Eke Agwu**, Nigeria
Student **Sandra Nzube Ekeiwu**, Nigeria

Erasmus+

Many CUT students embrace the opportunity of the Erasmus+ programme each year. Students can choose from one- or two-semester studies at foreign universities, as well as internship at foreign enterprises, organizations or affiliated universities. Almost 170 universities in the EU and Turkey offer several hundred places each term. The scholarship programme facilitates students to gain knowledge and experience, and also makes it easier to enter the labour market abroad.



More info:
pcz.pl/Erasmus
or: Erasmus+ Institutional Coordinator
International Students Office (room № 1)
Ul. Dąbrowskiego 69,
Tel. +48 34 3250 431
e-mail: erasmus@pcz.pl



Erasmus+



Erasmus+ students

STUDENT'S INFRASTRUCTURE

The University prides itself on having excellent student infrastructure: a wide range of high-standard laboratories and modern lecture rooms and modern main library.

In order to provide better service for international students we also have our International Students Office offering the most dedicated help in various matters.



THE PCZ ROVER TEAM

The PCz Rover Team is a group of students operating within the Scientific Circle of Computer Design of Machines and Mechatronic Devices. Team members have been building multipurpose all-terrain rovers since 2013. So far, six version of the Mars rover have been produced. Students have repeatedly participated in competitions for this type of construction. They achieved their greatest success in 2018, when they won the University Rover Challenge - the most prestigious Mars rover competition in the world, which takes place at the Mars Desert Research Station in the desert of Utah (United States).





WYDZIAŁ INŻYNIERII MECHANICZNEJ

FREE TIME ACTIVITIES

The CUT students actively participate in various scientific clubs and sports sections. Representatives of the Student Government Council participate in the sessions of the Senate, Faculty Boards and cooperate with academic clubs.

The Students Council organises sports, cultural and entertainment events, including Kominalia - the Student Spring Festival

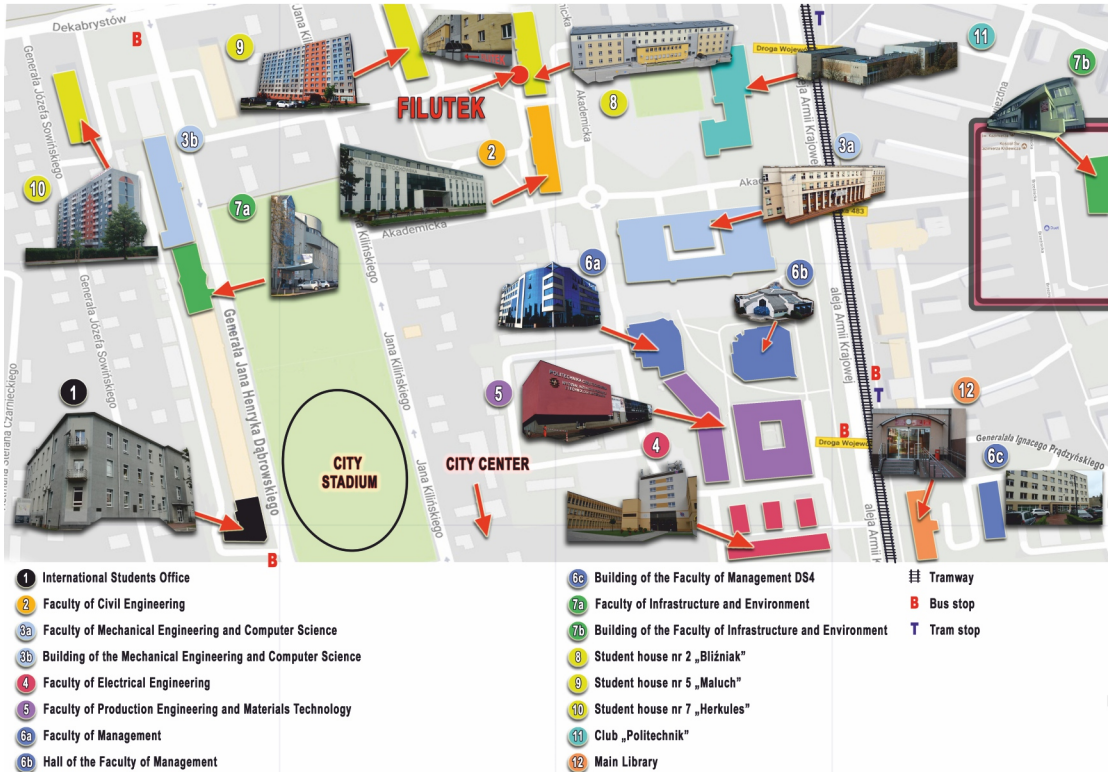


DISTANCE FROM CZESTOCHOWA



ACCOMMODATION

In the center of the CUT Campus there are 3 halls of residence (Bliźniak, Maluch and Hercules) equipped with laundry rooms, gyms as well as shared kitchens available on each floor. Accommodation fee amounts from 350 PLN to 600 PLN.



JOIN US!

Recruitment procedure in 3 steps



More info: www.pcz.pl/en

FEES

The current tuition fee for studies in English the academic year 2021/2022 (BSc studies, MSc studies) is 960 EUR per semester + additional non-refundable 85 PLN recruitment fee.

The current tuition fee for studies in Polish the academic year 2021/2022 (BSc studies, MSc studies) is 500 EUR per semester + additional non-refundable 85 PLN recruitment fee.

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