

## Chemical Technology and Engineering

Alumni in Chemical Technology and Engineering acquire skills to solve practical problems from the realm of chemical technology, process and chemical materials engineering encountered in most industrial, research and business environment. Due to their high professional qualifications, creativity, openness to new ideas and team-working skills the alumni are well prepared to tackle the challenges faced by large and small enterprises.

## Civil Engineering

1,5 year master course allows to continue bachelor studies at three main diploma profiles: Civil and Industrial Structures, Bridges and Geotechnics and Underground Structures. Alumni are prepared mainly for the work in design offices and research centres related to the structures. Real life shows that alumni also find jobs in other branches of civil engineering.

## Clean Coal Technologies

Alumni acquire knowledge with the ability to develop entrepreneurial skills and innovative thinking in clean coal based industry and a renewable energy sector. It focuses on technologies that lead to the efficient thermal and chemical conversion of coal, with reduced pollutant emissions to air, water and land. In addition, strong emphasis is put on understanding, applying and integrating chemical fuels and renewables to create high-efficiency eco-friendly and sustainable power systems.



## PhD PROGRAMMES

The Silesian University of Technology offers a variety of PhD programmes in English, in the fields of:

**Automatic Control, Electronics and Computer Science**  
**Civil Engineering**  
**Chemistry**  
**Electrical Engineering**  
**Mining and Geology**  
**Energy and Environmental Engineering**  
**Materials Engineering and Metallurgy**  
**Organisation and Management**  
**Mechanical Engineering**



Foto Tomasz Zakrzewski

## Further information & contacts

**English taught programmes / terms  
and requirements**

[www.studyinenglish.polsl.pl](http://www.studyinenglish.polsl.pl)

**Degree seeking students / full programme  
students**

[study@polsl.pl](mailto:study@polsl.pl)

**Erasmus+ / other exchange students**

[mobility@polsl.pl](mailto:mobility@polsl.pl)



# Silesian University of Technology



**English taught programmes**



## SILESIA UNIVERSITY OF TECHNOLOGY (SUT)

SUT is without any doubts the university that educates successful people. One of twelve top-managers in Poland graduated from SUT and also its alumni receive the highest salaries in the region and the fourth highest in Poland. Recently, we have also ranked as the 4th among higher education schools whose graduates are most sought after by employers.

SUT offers a unique opportunity to study engineering in an institution of a worldwide academic reputation and a vivid cooperation with major industrial partners.

All this takes place in Gliwice, a charming city located in one of the most industrialized regions in Poland and Europe called Upper Silesia. The Silesian University of Technology is a key player in new technologies and innovations. It is here, where the new ideas and solutions are being brought into life and once applied in industry they boost competitiveness not only of Polish firms.

Not far from Europe's well-known capitals like Prague, Berlin and Vienna and a location on the junction of two international highways A1 and A4, makes SUT a perfect place to meet people from all around the world for exchanging ideas and practices.

## 70 YEARS OF EXCELLENCE

The inauguration ceremony of the first academic year was held in Gliwice in October 1945. At that time there were 2750 students and 200 university teachers. Today, there are nearly 28000 students, 2000 academics and almost 50 fields of studies, encompassing the whole range of engineering disciplines. However, one thing has not changed: the excellent teaching staff, that, from the beginning, was one of the strongest assets of the university.



## FACULTIES

SUT's 16 faculties and colleges offer studies in almost 50 fields of study, mostly in engineering & technology disciplines. Many of them are taught in English, including Bachelor and Master degree programmes, PhD courses as well as research programmes.



## BACHELOR OF SCIENCE PROGRAMMES

(7 or 8 semesters, in English)

### Control, Electronic and Information Engineering (7 semesters)

Alumni acquire skills in using up-to-date tools of engineering, in particular CAD and automated design, computer measurement systems and skills in accessing information from scientific databases. They are engineers whose interdisciplinary education is founded on three pillars present in the study name, combined with practical experience and specialized knowledge.



### Chemical Technology and Engineering (7 semesters)

The programme provides students with broad foundations and specialized knowledge and technical skills in important technological areas of Chemical Technology and Engineering. Alumni develop the problem-solving and team-working skills to deliver the objectives within constraints imposed by time and available resources. With that, alumni readily adapt to the challenges arising in diverse industrial and business sectors.



### Civil Engineering (8 semesters)

Alumni receive basic education, including theory and practice of designing and erecting all kinds of buildings, including civil and industrial structures, bridges and geotechnical engineering objects. In the initial semesters, students acquire theoretical knowledge. In subsequent years, study is more practice-oriented, addressing reinforced and pre-stressed concrete, steel, masonry and timber structures as well as geotechnics. During this period, students individually prepare projects on various topics, including civil and industrial structures, geotechnics, roads and bridges. Projects are performed under the supervision of well-experienced staff.

## MASTER OF SCIENCE PROGRAMMES

(3 semesters, in English)

### Control, Electronic and Information Engineering

CEIE alumni are engineers whose interdisciplinary background rests on subjects listed in the name of the course. The education combines practical experience and specialized knowledge in one of three fields, chosen as leading ones: automatic control, electronics and telecommunication and informatics.

Alumni of **automatic control** are prepared to work as designers and maintenance engineers of automatic control systems and plants, robotics, measurement systems, mechatronics and computer systems of automation.

Alumni of the **electronics and telecommunication** are prepared to carry out research and scientific tasks as well as solving engineering problems in electronics and systems design, hardware and software telecommunication, measurement, control and medical equipment.

Alumni of **informatics** - databases, computer networks and systems - acquire skills in construction, maintenance and usage of system software and applications development, building systems and computer networks and designing as well as administering databases.

