



UNIVERSITY OF CHEMISTRY AND TECHNOLOGY PRAGUE

UNESCO

Prague – UNESCO city



University of Chemistry and Technology, Prague (UCT Prague) is a first-rate study and research facility in the field of technical chemistry. The university takes pride in the effective combination of practical preparation with top-quality scientific equipment combined with a thorough hands-on laboratory instruction and a rather personal touch in teaching its pupils. The number of students rarely drops below 4000 while maintaining a 1:5, four faculty staff to student ratio.

Currently UCT Prague boasts a number of excellent experts such as Jana Hajšlová, member of the EU Advisory Group “Food Quality and Safety”; František Štěpánek, who has been awarded an ERC grant; Martin Pumera, head of the excellent team for advanced functional nanorobots.

UCT Prague as a research workplace is engaged in intensive collaboration with industrial partners. Research cooperation in projects has resulted in a number of applied outcomes such as patents, utility models, and implemented technical projects.

The university consists of 4 faculties – Chemical Technology, Environmental Technology, Food and Biochemical Technology, Chemical Engineering and School of Business. Each of them offers a broad range of Bachelor’s, Master’s and PhD. programmes in English.

#556

QS Global World Ranking 2024 #556



STUDY

Over 40 programmes have been accredited in the areas of chemistry, chemical and biochemical technologies, material and chemical engineering, food industry, environmental studies, economy and management and others. Some of the programmes are unique within the Czech Republic and essential to its future in the development of water technologies, refinery and petrochemical technologies, pharmaceutical engineering, glass and ceramics production technologies, brewery technologies, and food safety.

UCT Prague students may apply for short-term exchange studies in the programmes as: ERASMUS+, ATHENS, CEEEPUS, VISEGRAD FUND, FREE-MOVER and many others.

Every year there is more than 20 % of international students enrolled for degree and exchange studies at the UCT Prague.

The Faculties provide 3-year Bachelor Degree (BSc) programmes, 2-year Master Degree (MSc) programmes, and 4-year postgraduate Doctoral (PhD) programmes.

DOUBLE/MULTIPLE/JOINT DEGREE PROGRAMMES

- 3 Joint/Multiple Master Degree programmes **ERASMUS MUNDUS** (**IMETE**: International Master of Science in Environmental Technology and Engineering, **IMATEC**: International Master in Technology and Management for Circular Economy, **MESD**: Master in Membrane Engineering for Sustainable Development)
- 5 Double Degree master programmes (Switzerland, France, Italy)
- SuPER-W** – European Joint Doctorate programme for highly motivated young researchers Doctoral “cotutelle” study (dissertation thesis under double supervision)
- 8 PhD Double Degree programmes** (France, Norway, Germany, Belgium, Italy, Slovakia)

DEGREE PROGRAMMES IN ENGLISH LANGUAGE

Bachelor Degree programmes Chemistry and Technology (BSc, 3 years):

Faculty of Chemical Technology 3 specializations:

Chemical Technology; Chemistry;
Chemistry and Technology of Materials

Faculty of Environmental Technology 2 specializations:

Sustainability and Environmental Engineering;
Fuels Processing and Utilization

Faculty of Food and Biochemical Technology 2 specializations:

Biochemistry and Biotechnology;
Food Chemistry and Technology

Faculty of Chemical Engineering 2 specializations:

Engineering;
Chemistry

Analytical and Physical Chemistry
Biochemistry and Bioorganic Chemistry
Bioinformatics
Biotechnology
Chemical and Process Engineering
Chemistry
Chemistry and Chemical Technologies

Doctoral programmes (PhD, 4 years):

Chemistry and Technology of Materials
Energy and Fuels
Environmental Chemistry and Technology
Food and Natural Products
Food Chemistry and Technology
Microbiology
Molecular Chemical Physics and Sensorics
Synthesis and Production of Drugs

Every year, 500 bachelor, 400 master, and 90 doctoral students graduate.

EVERY
YEAR

NOBEL

Among the most famous graduates are Nobel Prize Winner
Vladimír Prelog and Otto Wichterle, the inventor of contact lenses.

Master Degree programmes (MSc, 2 years):

Chemistry, Technology, Materials specializations:

Chemistry and Chemical Technology;
Materials Chemistry and Technology;

Fuel Cells and Hydrogen Engineering

Sustainability and Environmental Engineering

Biotechnology and Food Science

Chemical Engineering and Bioengineering

Organic Chemistry

PhD Double Degree programmes
PhD doctoral study programme is **leading to two diplomas** from both home university as well as partner university. Student **works on one dissertation**, the study programmes are fully integrated between collaborating universities and include specialized courses at home university and one interdisciplinary at partner university.

UCT Prague has more than 4,000 students with an
extraordinary number of PhD students: 700, on average.

700
PhD

350

:)

**Friendly, small,
research-oriented University.**

The World University Ranking 2021 placed
UCT Prague among 350 best schools in the world.



UCT Prague currently cooperates with more than
200 academic institutions around the globe both
in student exchanges and research activities.

200

Traineeship positions at 30 Departments with high-tech equipped laboratories.

30

FACULTY OF CHEMICAL TECHNOLOGY

The Faculty of Chemical Technology encompasses both traditional technochemical and material-engineering fields of study. Its development is defined by solid performance in educational and research areas. It is impossible to imagine any further development of our civilization without new materials and technologies.

FACULTY OF FOOD AND BIOCHEMICAL TECHNOLOGY

A solid grounding in chemistry is a fundamental prerequisite for the exploration of living nature and the field of food processing in connection with human health and quality of life, both key civilizational values.

FACULTY OF CHEMICAL ENGINEERING

The Faculty of Chemical Engineering is the most recently developed faculty at UCT Prague. It links mathematics, physics, and chemical engineering together and enables students to analyse, rationally describe, and professionally predict complex natural and technical processes whose utilization presents a challenge for future generations.

FACULTY OF ENVIRONMENTAL TECHNOLOGY

The Faculty of Environmental Technology is the faculty of “four elements”. For the future of humankind, it is important to protect the air, water, and earth as well as to search for new sources of energy – traditionally symbolised by fire.

FAVOURABLE
POSITION

University graduates have an exceptionally favourable position on the labour market in the private and public sector alike and are often hired as lab directors, managers, company technologists or scientists in their respective fields.



SCHOOL OF BUSINESS (SoB UCT)

The School of Business and its degree programs offer a unique blend of robust business science education with industry insight and social competences, assuring a high demand by prospective employers and broad career perspectives for graduates. Retaining a moderate size and lean organization, it provides a trusting and supporting community for various students' dispositions, interests and talents. Well-designed class schedules provide sufficient leeway for efficient learning, project work, as well as pursuing personal interests. Seminars are taught in small groups, facilitating communication, motivation, feedback and full achievement of learning objectives.

Study programmes:

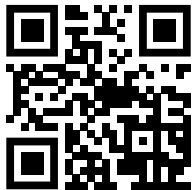
Economics and Management

- **Marketing** (BSc, 3 years / 4 years)
- **International Trade** (BSc, 3 years / 4 years)

Sectoral Management

- **Chemical Industry** (MSc, 2 years)
- **Innovation Project Management** (MSc, 2 years)

Preparatory Programme (Certificate of completion, 1 year)



School of Business study programmes and admission details are available at: <https://business.vscht.cz>

SoB

8th

TUITION FEE

Tuition fee for programmes taught in English is about 3150 EUR (74 600 CZK) per academic year. Studies in the Czech language are free of charge.



SCHOLARSHIP

From the second semester of their studies students can apply for a scholarship which is awarded on the basis of the study results and can reach up to 700 EUR (17 500 CZK) per semester. For an overview of various scholarship options visit our website: study.vscht.cz

ORGANIZATION OF THE ACADEMIC YEAR

2 semesters (winter and summer), each 14 weeks of classes and 6 weeks of examination period
The winter semester usually begins in mid-September and ends in mid-February.

The summer semester usually begins in mid-February and ends in mid-September. Main holidays take place in July and August.

APPROXIMATE COST OF LIVING

On average 6500 EUR/per year

Affordable living costs

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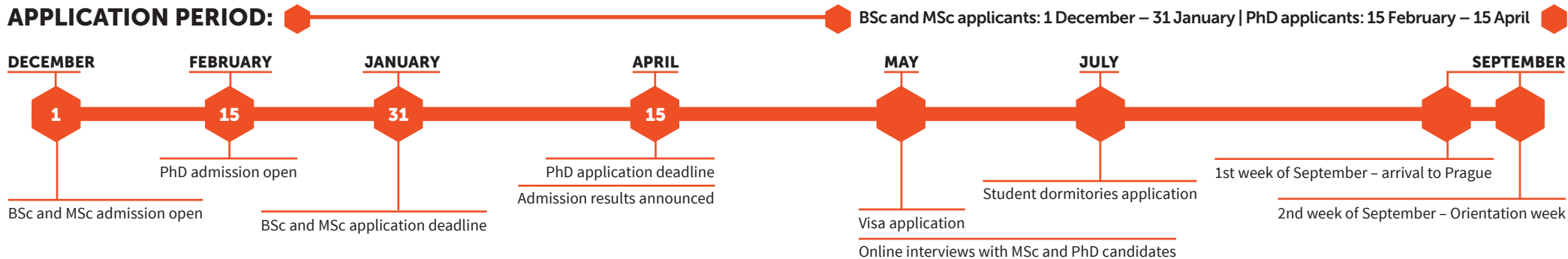
ACCOMMODATION

UCT Prague provides its international students an accommodation in dormitories located in the southern part of Prague, approximately 40 mins away by the public transport. There are two buildings, Sázava and Volha, which offer either double or triple rooms. Two neighbouring rooms equipped with basic furniture share a bathroom and/or a kitchen. The price per month is around 200 EUR.

Czech Republic – 8th safest country (Global Peace Index 2022)



APPLICATION PERIOD:



ADMISSION REQUIREMENTS FOR DEGREE STUDIES IN ENGLISH:

- Online application
- Verified **Diploma with Diploma supplement** (Master degree applicants) or **Graduation certificate with Transcripts of records** (Bachelor degree applicants). If you have not finished your current studies yet, provide a study confirmation with a clearly indicated date of graduation issued by your University/secondary school instead of Diploma/Graduation certificate.
- Letter of motivation
- Signed CV
- Copy of passport or ID
- Certificate of English Language knowledge (minimum requirement is B2 level; recognised certificates: B2 First (FCE), TOEFL iBT minimum score 80; IELTS minimum band score 6.0, PTE Academics minimum score 60, Duolingo English Test minimum score 110)
- Recent Health certificate (not older than two months) issued by an official health institution
- Recognition certificate (Nostrification) of your previous foreign education
- **PhD applicants only:** List of publications and other outcome of scientific work

Bachelor applicants are selected based on results in the entrance exam which consist of the online test and subsequent interview in the subjects of Chemistry and Mathematics. In each part of the

entrance exam, the applicant must obtain at least 30 %. The applicants have the opportunity to try a practice test in Chemistry and Mathematics which is available on the website study.vscht.cz.

Master and PhD applicants will be asked to demonstrate sufficient knowledge in Chemistry during an online interview. Applicants will be notified about the date of the interview in advance by a faculty representative. Interviews are held in the second half of February (MSc) / in May (PhD) usually via MS Teams or Skype.

FAQ:

I would like to apply for the Bachelor degree programme starting in September. I will receive my final high school diploma in May or July, so I am not able to meet the application deadline of 31 January for international students. Do you take this fact into consideration?

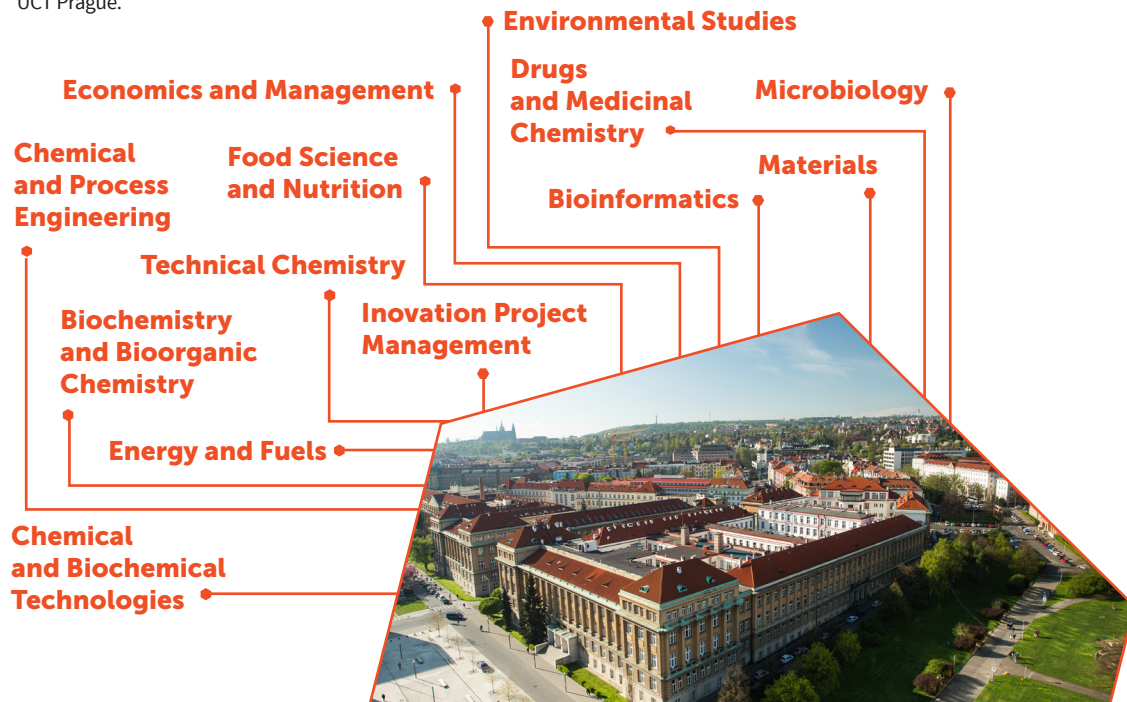
Yes, we do. You can apply to a Bachelor programme by providing the Transcript of Records without the last semester of your high school study and by providing a provisional certificate of graduation in May or July issued by your school. This way you will meet the application deadline at the end of January.

When will the decision about acceptance / non-acceptance be available?

The application materials and entrance exam results are assessed to determine successful applicants during February. Applicants shall be notified about their acceptance / non-acceptance by 11 March (Bachelor and Master applicants) or by the end of June (PhD applicants). Don't hesitate to contact an admission officer at admissions@vscht.cz should you have any questions.

Do I need to provide a Certificate of recognition of foreign education/Nostrification Certificate?

Students who graduated from a school/university outside of the Czech Republic must provide either a Nostrification Certificate confirming that the education achieved abroad is similar to the level of education required by the law of the Czech Republic, or they can undergo the process of Recognition of previous foreign education at UCT Prague.



PARTNER UNIVERSITIES FOR PhD DOUBLE DEGREE PROGRAMMES

University of Tromsø – The Arctic university of Norway,
Tromsø (Norway)

KU Leuven,
Leuven (Belgium)

Centrale Lille Institute,
Lille (France)

Normandy University,
Caen (France)

Rennes Graduate School of Chemistry,
Rennes (France)

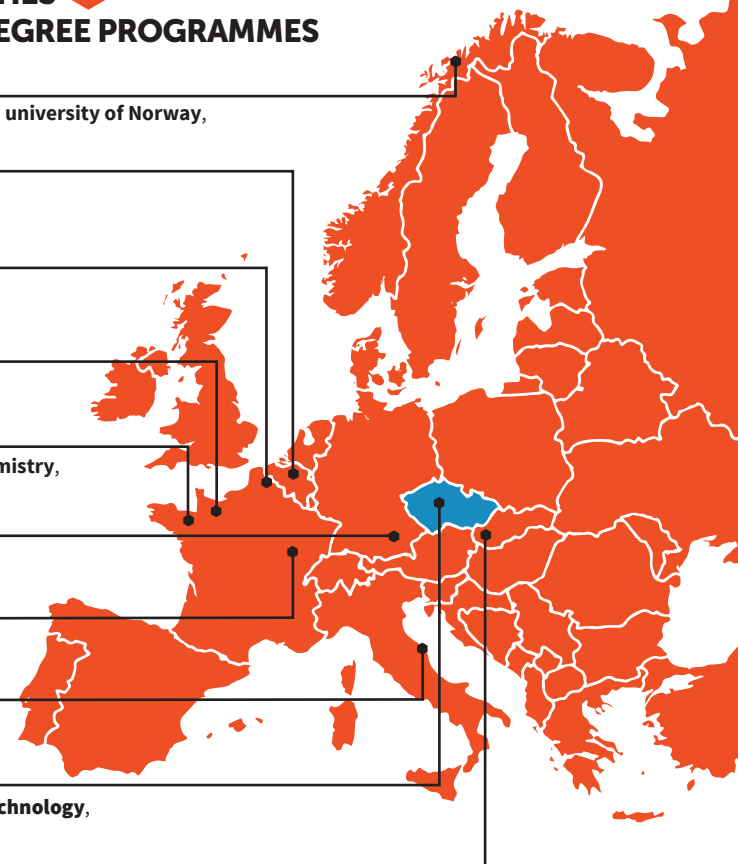
University of Regensburg,
Regensburg (Germany)

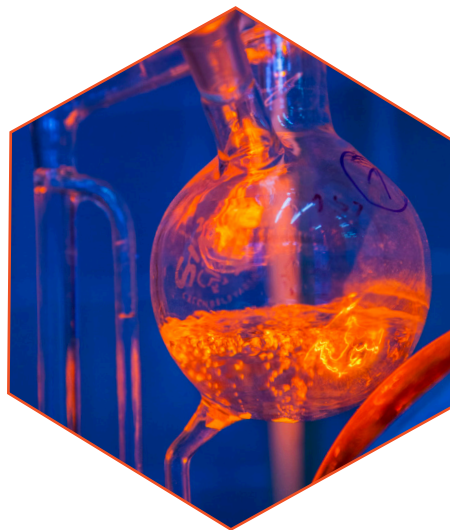
University of Burgundy,
Dijon (France)

Marche Polytechnic University,
Ancona (Italy)

University of Chemistry and Technology,
Prague (Czech Republic)

Slovak University of Technology in Bratislava,
Bratislava (Slovakia)





CONTACT:

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 UCT - Prague Degree Students
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