



UNIVERSITY OF
CHEMISTRY AND TECHNOLOGY
PRAGUE

University of Chemistry and Technology, Prague

A public higher education institution

Annual Activity Report 2024

Submitted by

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Rector

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Annual Activity Report – Main Section



Rector's Statement

The University of Chemistry and Technology, Prague submits its Annual Activity Report for the calendar year 2024 in accordance with Section 21 of Act No. 111/1998 Coll. on Higher Education Institutions.

The Annual Activity Report for the year 2024 offers a range of factual information on the fulfilment of key priorities outlined in the Strategic Plan and presents UCT Prague as a respected modern internationally competitive research university.

In 2024, we continued to strengthen our staff salaries and were able to increase doctoral scholarships. After years of cumulative inflation in excess of 30%, I consider this very important. And we will try to continue this positive trend in 2025. If we want to be competitive, we must be able to reward quality work.

An enormous amount of work has been done on the preparation of the new system of financing doctoral studies brought about by the amendment to the Higher Education Act. In this context, we also opened a new PhD Office in 2024, and for the first time, doctoral students have their own Vice-Rector. UCT Prague is based on quality doctoral students and I am convinced that they will do better here than at other universities.

A big step in the field of pedagogy was the opening of the Centre for the Development of Pedagogical Competences, which has one goal - to support our teachers in their efforts to educate students in the best possible way.

I consider the launch of external evaluation within the IEP-EUA to be crucial, which will help strengthen the reputation of UCT Prague abroad and help us open the way to international university alliances. I am also pleased with the strong position of our relatively small and highly specialised university within the Czech Rectors Conference, where we are still regarded as a benchmark of quality.

In the past year, we have further set a strategy for sustainable development of UCT Prague, both for the operational, research and educational parts, where we are on the verge of accrediting a new university-wide programme focused on green chemistry.

I consider the smooth start of eight projects supported by the Operational Programme of the Johannes Amos Comenius MEYS in the Excellent Research Call, which aims to support internationally competitive research of an interdisciplinary nature with a high potential to generate cutting-edge and future applicable research results, to be a success.

As far as international research cooperation is concerned, I see the 53 international scientific research projects from foreign providers (including 7 Horizon 2020 projects and 27 Horizon Europe projects) as a very good testimony to our competitiveness. Another indicator of the University's international prestige is the fact that since January 2024, UCT Prague, headed by Prof. Karel Bouzek, has been coordinating *The European Hydrogen Academy* project, which involves 17 partners from 11 countries.

Our scientists have won a number of prizes in 2024, including the Minister of Education's Award for Outstanding Achievements in Research, Experimental Development and Innovation for Prof. Petr Slavíček. Among the many student awards, I would like to highlight the success of our student team, which participated in the international SensUs competition for the first time this year and won the Analytical Performance category in competition with 18 teams from all over the world!

With regard to our shared history and world renown, I must also mention the opening of the Otto Wichterle Laboratory at the Polymer Institute in October 2024.

In the autumn of 2024, the institutions operating on the Dejvice Campus in Prague agreed (at the instigation of UCT Prague) to cooperate in ensuring the safety of their students and staff. The result is a Memorandum on mutual cooperation in dealing with crisis events in the Dejvice Campus environment, which was signed by the statutory representatives of the CTU, NTK, IOCB Prague and the Municipal District of Prague 6.

For 2025, the number one priority remains the new organisation of doctoral studies resulting from the amendment to the Higher Education Act. Furthermore, we will look for ways to support the wage policy to be competitive and to be able to keep quality academics and staff who do their job well at the university. Priority number three is finding the appropriate financial resources to implement our ambitious building plans. There is a complete lack of investment in standard budget chapters and funds.

Furthermore, in 2025 we are facing a key national evaluation of the scientific and research activities of MEP 2025+, from which institutional funds will be derived to implement research activities for UCT Prague and other universities for the next 5 years. We will complete the reform of the Common Core and teaching in general for undergraduate degree programmes. Preparations for the construction of a new building on Vítězné náměstí and the preparation of the groundwork for the reconstruction of the historical buildings on the Dejvice campus will also continue.

At the end of this introduction, I would like to thank all students and staff of our university for their study and work efforts, for mutual cooperation, for excellent results and for spreading the good name of our university not only in the Czech Republic but also internationally.

Prof. Ing. Milan Pospíšil, CSc.

Rector

1 Develop competences directly relevant to life and practice in the 21st century

Support for the development of staff competences for teaching and study programme development (MEYS SP2021+: 1A)

Developing teachers' competences

Priorities in the field of pedagogy for 2024 were mainly focused on promoting the quality of educational activities. With the support of the *EduPro - Education for the Future* project from the ESF+ call for HEIs from the OP JAC, the **Centre for the Development of Pedagogical Competences (CEPKO)** is being established as a key platform for the support and development of pedagogical skills at UCT Prague. CEPKO is coordinated by the Department of Education, methodologically managed by experts in didactics and psychology from the Department of Chemical Education and Humanities and open to all pedagogical enthusiasts. An analysis of the educational needs of pedagogical staff at UCT Prague was initiated to set up a competency framework for UCT Prague, using available materials from technically-science oriented Czech and foreign universities. The established **Teachers' Club** organized several meetings with various pedagogical topics such as "How to attract students to lectures and keep them active throughout the semester?" or "How do we test?". The meetings were well attended and generated extensive and stimulating discussion. Nineteen teachers from across the faculties of UCT Prague expressed interest in becoming mentors in preparation for collegial mentoring. As part of the design of systematic development of pedagogical competences, a pre-pilot one-day Crash Course was held to validate the organisation and content of the course and to set up a communication framework with feedback from participants. A support action team was created to implement the collegial hospitalization. CEPKO also includes methodological online support in the Moodle environment (e-learning.vscht.cz). In the past year, an analysis of existing e-learning courses and a comprehensive review of available guides for working with e-learning and the Student Information System was carried out.

UCT Prague offered semester and intensive **development courses in foreign languages** to PhD students and staff, with a primary focus on English, but German, Spanish, French and Russian were also on offer. In 2024 the range of specialised language courses was expanded, e.g. Presentation skills, Presentation coaching, Dynamic public speaking, Discussions. The number of online courses was increased and the academic writing courses included instruction in the proper use of AI in writing professional texts. There were 36 semester courses, 42 intensive courses and 13 individual coaching sessions on presentation skills for academics in English. The courses were provided by the Department of Languages with financial support from the Strategic Management Support Programme for Universities.

Students presented awards for teaching and learning activities

For the fourth year, the **Vitriol Student Awards** were presented on the occasion of the UCT Prague Ball. The winners in the category of the best teacher were **Lucie Rychnová, PhDr.** (Department of Chemical Technology of Monument Conservation) for FCT, **Ing. Jiří Hendrych, Ph.D.** (Department of Environmental Chemistry), for FFBT **Ing. Eva Jablonská, Ph.D.** (Department of Biochemistry and Microbiology), for FCE **Prof. RNDr. Bc. Petr Slavíček, Ph.D.** (Department of Physical Chemistry), and for the school-wide departments Mgr. **Pavel Bakule** (Department of Physical Education and Sport). The prize in the category of

non-teaching staff was awarded to **Mgr. Mili Viktoria Losmanová** (PhD Office) for her support of doctoral students. The Vitriol Student Prize is awarded by students to the most popular teaching and non-teaching staff at UCT Prague. The aim is to recognise the work of those who innovate teaching beyond their job duties, who can enthuse students for their field with their passion and knowledge, and who are a support and mentor for students whenever needed.

Pavel Galář, Ph.D. (Department of Physics and Measurements, FCE), received the **Award of the Minister of Education, Youth and Sports for outstanding educational activities at the university** in November at the Liechtenstein Palace as part of the award ceremony of the MEYS for higher education, science and research. The award is given to university staff for outstanding educational activities or for a significant innovation in educational activities during the last three years.

Strengthening the link between study and practice and preparation for future employment (MEYS SP2021+: 1C)

NRP for higher education

In 2024, two projects under the NRP calls for higher education under the MEYS were underway.

At the end of the year, the remaining parts of the project plan of UCT Prague within the framework of the MEYS call for NRPs in the field of higher education for 2022-2024 from component **3.2.1 Transformation of higher education institutions to adapt to new forms of learning and changing needs of the labour market** were successfully completed. Within the framework of sub-projects divided into specific objectives A to C, the project plan focused on strengthening the digitalization of the study agenda and support for online and distance learning at UCT Prague, as well as on expanding the offer of certified lifelong learning courses and the creation of professionally oriented study programmes, including the provision of the necessary computer and software facilities for the implementation of these activities (A), for the creation of bachelor and doctoral degree programmes (B) and, in the form of three joint projects of universities, for improving the permeability of education at university level by means of micro-certificates, for the safety of distance learning and for the digitisation of activities directly related to the provision of educational activities and administrative tasks associated with the study agenda (C). The implementation of the project plan involved the staff of the Rectorate and faculty departments. **CZK 86.4 million** was **spent on the project**, which was 97% of the total allocated contribution from the state budget for the project plan. The sub-projects are subject to a five-year sustainability period.

In 2024, the implementation of the **GRASS - Green and Sustainable UCT Prague** project was launched under the MEYS call for the National Renewal Plan for the Higher Education Sector for 2023-2025 from **component 7.4 Adaptation of Schools - Promoting Green Skills and Sustainability in Higher Education Institutions**, which aims to promote environmental transformation and sustainability in public higher education institutions. Within the GRASS project, UCT Prague is preparing accreditation of study programmes, new courses in existing study programmes and lifelong learning courses that promote green skills and sustainability. The plan is to establish relevant strategic partnerships with third parties to support the development of sustainability. With the support of the project, UCT Prague introduced its own institutional strategy for sustainable development in 2024. The project activities will be addressed until the end of 2025 with a total allocated contribution from the state budget of CZK 28.6 million.

Student Scientific Conference

The **Student Scientific Conference (SSC)** took place in the academic year 2024/2025 in November. 609 students of Bachelor and Master studies from all four faculties, the UCT Prague - Unipetrol in Litvínov and the School of Business presented the results of their research work. The students' works were divided into 79 sections according to their professional focus. Each competitor presented the results of his/her scientific work before an expert committee. In addition to the evaluation of the papers by committees composed of teachers of the UCT Prague, the students' works were evaluated and awarded with material or monetary prizes from representatives of sponsoring companies. SSC is an opportunity for students to be addressed by representatives of companies, but also an opportunity for coordination of interests and cooperation between academia and industry. Submitted student work that includes an analysis by gender and/or sex in the research topic may also be considered for the Julia Hamáčková Prize in the Student Work category of the SSC. In the 10th edition of the Julia Hamáčková Prize for Student Papers, seven papers were awarded in December.

Awards for students of UCT Prague

The high quality of student theses at all levels of study at UCT Prague is evidenced by a number of awards received by students every year for their bachelor, diploma and dissertation theses and for the presentation of their involvement in research activities at international conferences.

In the 27th edition of the **Werner von Siemens Prize**, an expert jury selected the best works in the fields of engineering and natural sciences. Among the top 10 best dissertation theses, UCT Prague was represented by **Ing. Vojtěch Nečina, Ph.D.**, with his thesis *Preparation of ceramics by spark plasma sintering (SPS)*. The supervisor of the thesis was Prof. Dr. Dipl.-Min. Willi Pabst (Department of Glass and Ceramics, FCT).



The **Via Chimica Prize** for 2024, which is awarded to talented university students of chemistry by the **Experientia Foundation** in cooperation with the Learned Society of the Czech Republic, was awarded to **Bc. Karolína Slonková** (Department of Chemical Engineering, FCE) for her excellent bachelor thesis entitled *Analysis of drug release from magnetic field responsive carriers*. In her thesis, which she defended at UCT Prague, she proposed magnetically responsive microparticles that can help in the fight against bacteria. Along with the award, the young scientist received a financial contribution from the Experientia Foundation. The research, which Karolína Slonková worked on for two years, was developed in the chemical robotics

laboratory of Prof. Ing. František Štěpánek, Ph.D., under the supervision of the supervisor Ing. Denisa Lizonová, Ph.D. (both Department of Chemical Engineering, FCE). Karolína Slonková continues to work on the research topic and investigates the capacity of the system, i.e. how many cycles the microparticle is able to undergo and what amount of antibiotic it is able to release at such number of cycles.

At the 30th annual French Embassy Science Awards in June in Prague, Ing. **Karolína Salvadori, Ph.D.** (Department of Analytical Chemistry, FCE), received the prestigious **Jean-Marie Lehn Prize in Chemistry** for her Ph.D. thesis, *Study of Building Blocks Suitable for Preparation of Functional Receptor Materials for Sensorics*, supervised by Prof. Dr. RNDr. Pavel Matějka (Department of Physical Chemistry, FCE). The Jean-Marie Lehn Prize for Chemistry has been recognizing outstanding research work of Czech students in the field of chemistry, which they worked on during their PhD studies, since 1994, when it was founded by the 1987 Nobel Prize in Chemistry winner Jean-Marie Lehn. Ing. **Marie Plachá, Ph.D.**, from the group of Prof. Ing. Petr Kočí, Ph.D. (Department of Chemical Engineering, FCE), with her Ph.D. thesis *Modelling of transport and reaction in porous catalytic filters using 3D computer reconstruction* won the first place in the scientific competition of the French Embassy and was awarded the **Make Our Planet Great Again - Prize in Environmental Sciences**. The French Embassy in the Czech Republic and Sanofi jointly recognise the research work of Czech PhD students and young Czech doctors in the field of pharmacy. The winners will receive both financial support and the opportunity to travel to a research laboratory in France for an internship. **3rd place in the Sanofi Award category — Award for Pharmacy** was awarded to **Martin Balouch, Ph.D.** (Department of Chemical Engineering, FCE), from the group of Prof. Ing. František Štěpánek, Ph.D. (Department of Chemical Engineering, FCE), for his PhD thesis entitled *Investigation of barrier and transport properties of lipid bilayers*. The prizes of the French Embassy were presented at a ceremony in the presence of Nobel Laureates including Prof. Jean-Marie Lehn.

In the 11th edition of the **Crytur Prize** for the best diploma thesis in material sciences, 39 diploma theses from students from ten universities were submitted in 2024. The level of the work, the innovativeness and the applicability of the results in practice are evaluated by the researchers at Crytur Ltd. The jury of the competition awarded **an honourable mention** to Ing. **Nina Nováková** (Department of Chemical Engineering, FCE) for her work *Effect of salts and pH on the formation, growth, and morphological changes of myelin figures in the decanol - sodium decanoate system*, whose supervisor was Assoc. Prof. Ing. Jitka Čejková, Ph.D. (Department of Chemical Engineering, FCE).



This year, for the first time, a team composed of students from UCT Prague participated in **the annual international competition SensUs**, organized by the Technical University of Eindhoven. The competition consists of creating a prototype of a biosensor that meets the year's requirements. The competition is open to teams of bachelor and master students from all over the world. They have less than a year to create a prototype biosensor. In a competition of eighteen teams from all over the world, the **UCT Prague team won the Analytical Performance category** in the final at the end of August in Eindhoven, the Netherlands, focusing on the accuracy and

performance of the analytical measurement of the developed sensor. The challenge for the 2024 edition was to build a sensor that could continuously detect the amount of creatinine in tissue fluid. Such a device, in its final form, could help patients at risk of acute renal failure. When kidneys are damaged, creatinine levels rise significantly. During development, the team took inspiration from glucose sensors, which have already been miniaturised so that patients wear them on their arm and automatically feed glucose level information directly into a mobile phone app. The UCT Prague team was born by its captain, **Daniel Křížek (FFBT)**, then a student of the Master's programme in Biotechnology and Bioengineering, who came after

an internship in the Netherlands with a vision to create a team at the school that would participate in the competition in 2024. He eventually formed the team with classmates from different faculties. Besides him, the team members were **Eva Vogelová** (FFBT), **Jan Šťovíček** (FCT), **Jiří Kohout** (FFBT), **Ivana Venkrbcová** (FCT), **Jan Vyčítal** (FCE), **Adam Benjamin Plšek** (FCE), **Tadeáš Sochor** (FFBT), **Hynek Housar** (FCE), **Ján Cúth** (FCE), **Denis Najman** (FCE), **Terézia Horníková** (FFBT) and **Marek Plachý** (FCT). Next year the team of students from UCT Prague wants to compete again, under the leadership of captain Jan Šťovíček (FCT).

The **Josef Hlávka Prize**, awarded annually by the Josef, Maria and Zdeňka Hlávka Endowment Foundation in 2024, has been awarded to students and graduates of the UCT Prague, **Mgr. Anna Zabelina, Ph.D.** (FCT), **Bc. Kateřina Pražáková** (FCE), **Ing. Kryštof Frank** (FET) and **Ing. Jakub Tomáško, Ph.D.** (FFBT). The award is intended for talented students in Bachelor, Master or PhD studies who have demonstrated exceptional abilities and creative thinking in their field of study.

In December, the winners of the 4th EIT Food **Challenge Lab** were presented, organized for the first time by the JIC Innovation Agency in cooperation with the UCT Prague. Challenge Lab 2024 ran from early November to mid-December in a hybrid format. Participants had the opportunity to tackle two challenges focused on innovative solutions in the field of bio-waste management - processing coffee husks in collaboration with Rebelbean Roastery or using contaminated residues in the production of fungal composites in collaboration with Myco. The winner was the **Green Cycle Cosmetics** project of the team from UCT Prague, consisting of **Martin Kubelka**, **Matěj Černý** and **Vojtěch Čermák**, who presented natural cosmetics made from coffee husks (chaff). The cosmetic product contains beneficial polyphenols. The production process is powered by a biogas plant that uses the remaining extraction residue. The winning team received a cash prize and other benefits.

Facilitating the transition between secondary and higher education

Cooperation with secondary schools is traditionally focused on secondary school teachers and students at UCT Prague. The activities are aimed at enriching and improving the quality of chemistry teaching at secondary schools, introducing university studies at UCT Prague to applicants for study, supporting their decision-making when choosing a suitable study programme and, last but not least, also at familiarising them with the requirements for their knowledge and skills needed to successfully start their studies at UCT Prague. These activities are continuously developed and improved. They are financially supported, among other things, by the Programme for the Support of Strategic Management of Universities.



In March, the **9th meeting of the heads of the Chemistry Centres** took place in the laboratories of the Institute of Chemistry Teaching at the UCT Prague. Eighteen chemistry teachers from primary and secondary schools from all over the country came to gain inspiration, share experiences and show new or innovative chemical experiments for teaching, with a focus on organic substances. The resulting experiences and improved experimental designs are not only available to the heads of the 15 operating chemistry centres, but in the course of their regional meetings they will gradually reach up to 250 chemistry teachers who visit the centres across the country. The meeting was also attended by several chemistry

teaching students from UCT Prague as part of the newly established **3U Junior Club** – a platform for meeting and sharing experiences between experienced and novice chemistry teachers. Both the Chemistry

Centres and the Junior Club are part of the broader *3U – Teachers Teach Teachers* umbrella project, which aims to systematically support and educate chemistry and science teachers at all stages of their professional careers. In 2024, two more centres were established, bringing the total number of regional Chemistry Centres created to seventeen. Long-term financial support for the Chemistry Centres of the UCT Prague from 2024 is now also provided by the **IOCB Tech Endowment Fund**. In November, Barbara Eignerová, Chairwoman of the Board of the IOCB Tech Endowment Fund, and Milan Pospíšil, Rector of UCT Prague, signed a memorandum on mutual cooperation in improving chemistry education. They also signed a donation agreement in the amount of CZK 400 thousand to ensure the operation of the Chemistry Centres of UCT Prague. In October, a similar donation agreement was signed for the amount of CZK 500 thousand with representatives of **the Experientia Foundation**.

During two weeks in May, eighth-grade pupils of Most elementary schools were presented with several fascinating chemistry experiments. UCT Prague, through the University Centre Litvínov UCT Prague – FME CTU – ORLEN Unipetrol was the organizer of the event, which was supported by the city of Most and in cooperation with Orlen Unipetrol. The **ChemShow** project is aimed at eighth grade pupils and aims to introduce them to chemistry in a fun and humorously commented and interactive way. The workshop was open to the public and was attended by 600 primary school pupils from Most and the surrounding area.

Developing the professional profile of the study and strengthening its prestige (MEYS SP2021+: 1D)

New framework agreement with Spolana

In August, a **framework agreement for cooperation on consultancy, technical support and consultation, especially in the field of decarbonisation**, was signed between **Spolana, s.r.o.** and **UCT Prague**. The contract was signed by the Rector of UCT Prague, Prof. Milan Pospíšil and the Production Director of Spolana, Ing. František Svoboda. The framework agreement enables the deepening of the existing cooperation, simplifies the support of all four faculties and brings new opportunities to connect the academic sphere with industrial practice. Spolana is a long-term partner of UCT Prague in its efforts to raise public awareness of the importance of chemistry in everyday life and to stimulate the interest of the young generation in the study of chemistry. Financially, for example, it traditionally supports winning student presentations at the Student Scientific Conference at UCT Prague and enables excursions for our students.

UCT Prague participates in the new professional study programme of AVU

The Academy of Fine Arts in Prague (AVU) in cooperation with UCT Prague has created a new five-year professional master's degree programme called **Restoration of modern works of art from non-traditional materials**. This unique programme focuses on the issue of artworks created mainly from a combination of synthetic materials, which are characterised by their material instability. AVU approached the Department of Chemical Technology of Monument Conservation (FCT) to provide instruction in key subjects such as the fundamentals of macromolecular chemistry, polymer processing and degradation, and conservation methods. Analytical methods are also part of the curriculum, providing students with a deep insight into the processes involved in the conservation of modern materials. In addition, the theoretical foundation is complemented by laboratory exercises that focus on hands-on experience with polymeric materials, giving students the comprehensive overview and skills needed for restoration practice. The program responds to

the ever-increasing need to protect modern and contemporary works of art, which present new professional challenges for restorers.

The University Centre at Chempark Záluží

The University Centre Litvínov UCT - FME CTU - ORLEN Unipetrol in the chemical complex of the ORLEN Unipetrol Group in Litvínov, which the company operates in cooperation with UCT Prague and the Faculty of Mechanical Engineering of CTU, has been operating for twenty years. During this time, more than 600 students have graduated from the Chempark, studying directly at the Chempark's industrial campus, and thus have a unique opportunity to put their acquired knowledge into practice. It is the only place in the Czech Republic where a part of the public university is situated directly in the production area. *"The fact that a part of a public university is located directly in a commercial production area is exceptional not only in the Czech Republic but also in Europe. The connection is also unique thanks to the possibility to test the acquired theoretical knowledge directly in practice, which schools and industrial enterprises have been calling for for many years. The cooperation is also bearing fruit in the field of joint research and development and in the submission of proposals for domestic and foreign scientific research projects, including EU programme calls,"* summarised Assoc. Prof. Dr. Ing. Milan Jahoda, Vice-Rector for Pedagogy of the UCT Prague. In 2020, the University Centre was supplemented by a Training Centre, which offers students the opportunity to learn work safety procedures before they are directly involved in the production process. It includes smaller but fully functional production units controlled remotely from the so-called command centre, operator simulators and a fire safety polygon.

Support for building infrastructure for interactive learning methods and integration of learners (MEYS SP2021+: 1E)

Infrastructure development projects under OP

UCT Prague has received support for infrastructure projects submitted to the calls from **the OP JAC**. The aim of the project ***Infrastructure for Laboratory Teaching at UCT Prague (PROLAB)*** from the EFRR call for HEIs - Quality is to increase the quality and efficiency of education at UCT Prague and to increase the protection of students and staff from violent attacks. This is done by acquiring material and technical facilities for all types of study programmes, acquiring equipment for laboratory teaching according to modern teaching trends, reconstruction of laboratory facilities and increasing the availability of online educational materials. Last but not least, strengthening the elements of protection of target groups against violent acts. The PROLAB project will be implemented from May 2024 to the end of 2027 with a planned total eligible expenditure of CZK 301 million. Financial support of almost CZK 20 million for implementation from 2025 to the end of 2027 will be provided to the second project ***Laboratories and Study without Restrictions (LASO)*** from the EFRR call for HEIs - Students with special needs, which is aimed at making the university environment more accessible, creating new study zones for self-study, and acquiring devices and equipment to improve the conditions for studying for students with special needs. The key elements of the project are the replacement of four lifts and new equipment in the buildings of the Dejvice campus. The project also includes the acquisition of laboratory equipment to develop the skills and abilities of gifted students from the beginning of their studies at UCT Prague.

Gradually, between 2025 and 2028, the 5-year sustainability of three **OP RDE** infrastructure projects implemented between 2017 and 2022 aimed at modernising and building infrastructure facilities for

teaching in accredited bachelor and postgraduate study programmes will expire (*POSTUP* from the OP RDE call Support for the development of the learning environment at higher education institutions; *Infrastructure for UCT Prague priority* from the EFRR call for HEIs; *Infrastructure for CHEMPRAX* from the EFRR call for HEIs II). A sustainability report is submitted to the provider once a year for each of the projects. UCT Prague implemented the following projects with a total expenditure of over CZK 237 million.

2 Improve the availability and relevance of flexible forms of education

Increase the use of distance learning methods in full-time study programmes (MEYS SP2021+: 2A)

Pedagogical internal grant agency

The competition for **pedagogical innovation projects** of students and academic staff (**PIGA**) within the internal grant agency of the UCT Prague in 2024 focused mainly on the innovation of study programmes (e.g. The main focus of the project was on the development of e-learning and other electronic study aids and the preparation of self-testing assignments in Moodle for subjects taught within accredited study programmes in order to make teaching more effective and achieve better student learning outcomes. Projects aimed at expanding the range of courses for the development of transferable competences of students in order to increase their employability on the labour market and closer links with real practice were also supported. The teaching of chemistry and modern chemical disciplines in secondary and primary schools, the acquisition and development of pedagogical competences among young academics and PhD students, and the expansion of the range of subjects taught in English and in study programmes accredited in the Czech language at all levels of study were also supported. Of the 52 projects submitted, **41 projects** were **recommended for support** by the school-wide grant committee for pedagogical projects for an amount of **CZK 5.7 million** from the own resources of UCT Prague.

Electronic teaching materials freely available

After several years of discussions led by the academic community of UCT Prague, most of the electronically developed teaching materials were made freely available in the LMS Moodle environment for students and employees of UCT Prague in 2024. Students and employees have the possibility to use most of the electronic learning materials after logging into e-learning with their username in the vscht domain. The Moodle system has been updated to the current supported version, including all modules used, ensuring their mutual compatibility. All available security patches were implemented, which contributed to maximum data protection and reliable system operation. Individual courses were reviewed and modified. Semester courses have been deployed, allowing for more efficient content management and better organisation of study materials. Selected courses were piloted as new versions of the original courses, ready for the new academic year for new students. This approach allows the historical data of previous runs of the courses to be preserved, while the new courses reflect current requirements and methodological changes.

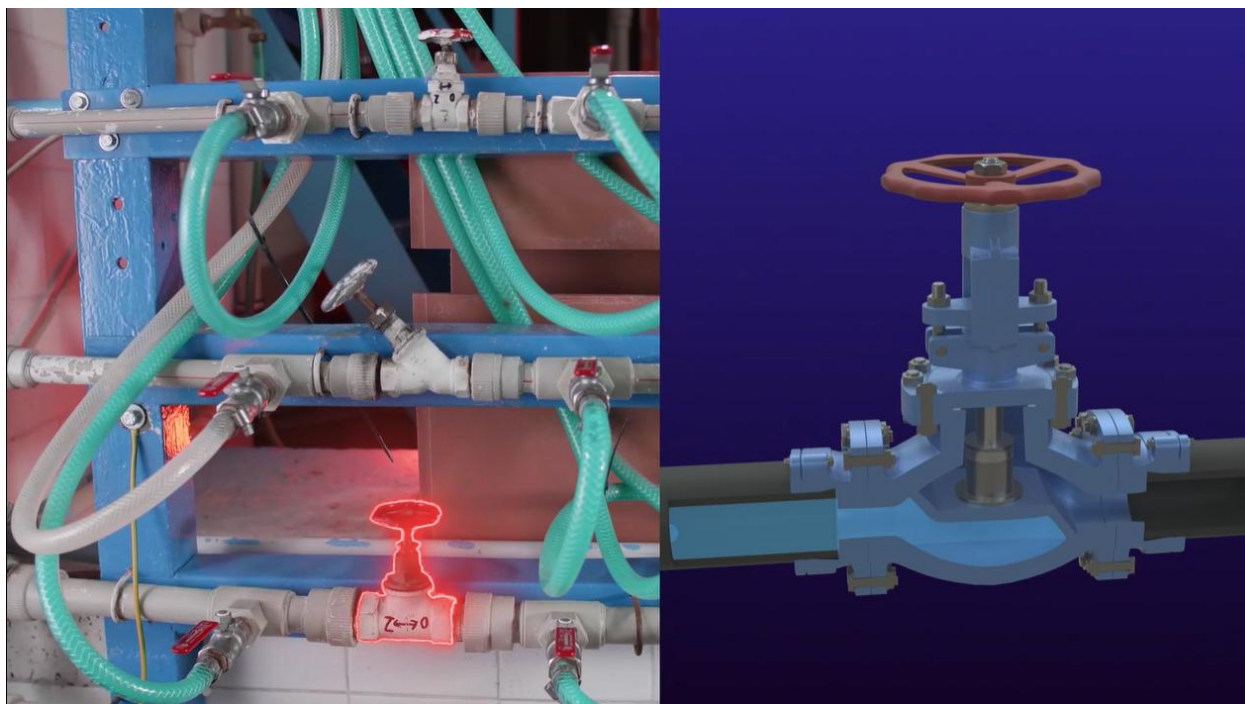
Development of the offer and innovation of methods of flexible forms of education, including online education (MEYS SP2021+: 2B)

Rector met with industrial partners

In mid-February, the Rector of UCT Prague Milan Pospíšil invited the Vice Presidents of the Confederation of Industry Bohdan Wojnar and Martin Wichterle, a member of the Board of Directors of the Chamber of Commerce Radek Jakubský and the Director of the Confederation of Chemical Industry Ivan Souček to a joint meeting, the main topics of which were technical education at universities and the issue of lifelong learning for employees. *"As a technological university, we want and need to be in close contact with the industrial, transport and commercial sectors. Whether with regard to updating the profile of graduates or the application research and expert solutions that we alone or together with other technical universities can offer to the commercial sector. Today's meeting has set the basis for a strategy on the basis of which the representatives of Czech and Moravian technical universities will negotiate with the state administration on more intensive support for STEM education (Science Technology Engineering Mathematics)."* The Industrial Board of UCT Prague, whose establishment was intensively prepared during 2024, should also help to deepen the cooperation between the UCT Prague and industry. The Industrial Board of UCT Prague will be an advisory body to the Rector aimed at promoting cooperation between academia and industry.

Educational videos

In 2024, the University Strategic Management Support Programme supported the production of three **educational videos** for the compulsory course **Chemical Engineering Laboratory**. The course, which is part of the so-called compulsory foundation in undergraduate degree programmes, is taken by approximately 350 Czech and 50 foreign students per year. In the course, students perform laboratory tasks on quarter- to semi-operational equipment that is demanding to operate. Although they devote a lot of time and effort to preparing for the laboratory tasks, they are caught off guard by the reality of the apparatus when they come into direct contact with it, thus losing time for measuring experimental data, and it requires considerable assistance from the teacher. Many apparatuses are opaque and the student cannot imagine what the



apparatus looks like inside and what processes are taking place. In addition, unit operations are taught that are not covered in the Chemical Engineering I core course, making it difficult for students to understand the process and its evaluation without graphical interpretation. The video tutorials created are a definite benefit to students and teachers. Professional videos were prepared by external experts in close cooperation with the head of the Chemical Engineering Laboratory **Ing. Lukáš Valenz, Ph.D.** (Department of Chemical Engineering, FCE), who compiled the script and approved the final form of the videos. Each video guide describes in detail the apparatus, its setup for different tasks, the detailed procedure of the experimental work, graphical representation of the protocol including the recording of values and graphical representation of the complete evaluation of the experimental values including graphs. At the same time, students are warned about the most common errors that may occur during the work. The video tutorials are embedded with English subtitles and are therefore also used for teaching English language courses. The video tutorials have met with success with students and have significantly increased their independence and confidence in carrying out laboratory tasks. Six educational videos have been previously produced under the ongoing OP RDE *Chemprax* project. A total of nine video tutorials are currently available to students. All materials are available on e-learning.

3 Increase the efficiency and quality of doctoral studies

Strengthening the quality, openness and internationalisation of doctoral studies (MEYS SP2021+: 3C)

10th Prague-Weizmann Summer School on Drug Discovery

At the beginning of September, the tenth edition of the **Prague-Weizmann Summer School** on Medicinal Chemistry was held at the UCT Prague under the title **Drug Discovery and Development from Basic Research to Clinical Trials**. More than a hundred PhD students and postdocs from more than twenty countries participated in the event. Participants had the opportunity to learn about the latest trends in drug development from basic research to clinical applications. The programme included more than thirty lectures and workshops led by experts from prestigious scientific institutions such as Cardiff University, University of Vienna, German Cancer Research Center, Genentech Cambridge, Max Plank Institute, the aforementioned Weizmann Institute of Sciences or the Czech IOCB Prague and UCT Prague. In addition to them, representatives of major pharmaceutical companies such as Bristol-Myers, Novartis and others also spoke. The Prague-Weizmann Summer School is, among other things, the result of successful cooperation between Czech and Israeli scientific institutions. It is held alternately in both countries, which emphasizes the international dimension of the event. The partnership with the Weizmann Institute, which is one of the world's leading research institutes, enables the linking of basic research with applied research and the pharmaceutical industry.

1st International Doctoral Conference on Advances in Chemistry at UCT Prague

At the beginning of November, under the auspices of the Vice-Rector for Doctoral Studies, Prof. Dr. Ing. Michaela Rumlová, and with the effective promotional support of Mgr. Mili Losmanová from the PhD Office, the first ever **International Doctoral Conference on Advances in Chemistry** (IDCAC) took place. The conference for PhD students organized by their PhD colleagues, in particular Sara Hermochová, Eva

Pospíšilová and Jan Vališ (Department of Analytical Chemistry, FCE), welcomed over 40 participants from a number of Czech universities, the UK, Kazakhstan, Poland, Sweden and Ukraine. The conference was divided into five sessions (Organic Chemistry, Biochemistry, Environmental Chemistry, Analytical, Physical and Computational Chemistry and Chemical Engineering and Technology). The best lecture from each section was awarded. The event was supported by UCT Prague, ORLEN Unipetrol Foundation and Zentiva. An article about the conference was subsequently published in the journal Chemické listy (<https://doi.org/10.54779/chl20250227>).



Improving conditions for successful studies, including support for reconciling studies and family life, and strengthening the social integration of doctoral students (MEYS SP2021+: 3D)

Doctoral school at UCT Prague

Since February 2024, the position of Vice-Rector without portfolio has been filled with the entrustment of the doctoral studies agenda provided by the PhD Office. The aim of this change is to ensure the improvement of conditions for doctoral students and the development of doctoral studies at UCT Prague, and also to enforce the implementation of changes related to the implementation of the amendment to the Higher Education Act. For this purpose, UCT Prague has joined a two-year joint project of public universities funded by the Programme for Supporting the Development of Higher Education, which is dedicated to the promotion and development of doctoral studies at the national level. **Onboarding of PhD students** was launched in 2024 and an **Adaptation Plan** was created at UCT Prague as a key tool to facilitate the integration of PhD students into the organisation and research teams. At the same time, courses were implemented to improve doctoral student supervision (**Supervision for Supervisors**), scientific data management (Data Stewardship), academic culture and preparation of grant applications. As an active member of the international organizations **EAU-CDE** and **PRIDE Network**, UCT Prague participated in organized events by presenting posters and establishing collaborations with European universities. The preparation of new courses for PhD students has started, focusing on Leadership, Time Management and Decision Making Techniques for Academics, which will enrich the course offer in 2025. The PhD Office is in regular contact with PhD students through the **PhD Open Office**, where students can address all matters

related to their studies, and also through regular meetings with student representatives in the Academic Senates.

Infrastructure facilities for PhD students from OP JAC

The implementation of the project *Equipment for PhD students of UCT Prague (Equip PhD)* supported by the OP JAC call Development of infrastructure facilities for doctoral study programmes continued. The aim of the project is to provide modern and high quality instrumentation for students of accredited PhD programs at all four faculties of UCT Prague by renovating, expanding and acquiring new instruments and software for scientific research laboratories of PhD students. Most of the planned purchases have already been completed and the remaining ones are in the process of implementation. The project, with total eligible expenditure of CZK 175 million, will be implemented in the next few years. The project has a planned completion date of September 2025. This will be followed by a five-year sustainability period.

Financial support for Ph.D. students

In the middle of the year, the Rector of UCT Prague decided on financial support for active PhD students. He thus reacted to the currently widely discussed issue of very low income of PhD students in preparation for the amendment of the Higher Education Act, where the minimum amount of the guaranteed scholarship for PhD students is subject to modification. Following an agreement with the management of UCT Prague, CZK 6 million was released from the university budget in 2024 for the benefit of doctoral students. The amount was distributed to doctoral students by the faculties based on the students' scores in the field grants. Rewards in the form of an extraordinary scholarship were given to PhD students twice a year - during the summer and December 2024.

4 Strengthen strategic management and effective use of R&D capacity in universities

Completion of a comprehensive transformation of the environment and setup of R&D&I processes at UCT Prague (MEYS SP2021+: 4A)

Initiation grants

In the announced call for three-year **initiation grants** with support from the Dagmar Procházková Fund in 2024, institutional support was awarded to the project of **Ing. Martin Tlustý, Ph.D.**, *Mechanical bond as a protecting group in the synthesis of porous materials, which will be solved* at the Department of Organic Chemistry (FCT), and the project of **Ing. Kristýna Kantnerová, Dr. sc.** ETH Zurich, entitled *The Air We Breathe: Examining Atmospheric Heavy Metal Pollution*, which will be conducted at the Department of Analytical Chemistry (FCE). The successful implementation of the initiation grant promises the applicant the creation of an independent research direction at UCT Prague. The eligible applicant for the grant is a researcher with international experience, who has obtained a Ph.D. degree in the past eight years, has not been employed at UCT Prague for more than one year prior to the grant application and has not received an initiation grant in the past. For the implementation of the supported grant, the researcher who is employed as an academic or researcher at the UCT Prague and concludes a contract for the initiation project will be granted funds in the total annual amount of CZK 2 million per calendar year, of which CZK 1.4 million per

year is financed from the Fund's school-wide resources and the remainder from the resources of the researcher's workplace/faculty.

The TA CR project will support technology transfer at UCT Prague

At the beginning of the year, the Research and Technology Transfer Department prepared **the Introduction of Proof of Concept into the technology transfer system at UCT Prague (ChemTech)**, which received support from the Technology Agency of the Czech Republic (TA CR) in the Sigma programme - sub-objective 1 Support for Proof-of-Concept activities in research organisations. The project, which has a 5-year implementation cost of almost CZK 19 million, is aimed at the development of the project. The project should help to bridge the phase of transferring a successful scientific result with application potential verified in the laboratory into the development of a product applicable on the market or within the framework of social relevance. An internal call for projects will be launched annually and will be reviewed by the Commercialisation Board. Recommended projects will be selected for funding. The main objective of the ChemTech project is to perform validation of the selected technology and its market potential. If, after this phase, the sub-project is given the green light, the technology development will continue with a product demonstration, i.e., e.g., prototype development, testing, demonstration in a real environment, or up-scaling. After this phase, however, the final stages of product development are expected to be taken over by the industrial partner. Thanks to the ChemTech project, new opportunities for completing the development of technologies are opening up at UCT Prague. The project will also include lectures and seminars in the field of intellectual property protection, research or the establishment of spin-off companies. The project managers are **Ing. Kateřina Kovaříčková, RNDr. et Mgr. Dana Douděrová, Ph.D., and RNDr. Filip Kaftan, Ph.D.** (all from the Department for Research and Technology Transfer).



Support for Open Access Publishing at UCT Prague

UCT Prague offered its authors central **financial support** to cover the costs of **publishing articles in Open Access mode (OA)** in 2024. From 2024, authors can also publish in selected hybrid titles of the most important relevant publishers, completely free of charge. Free OA publishing in predominantly hybrid titles

has been made possible by negotiated consortium transformation agreements. Thanks to these agreements, authors with the affiliation of UCT Prague were able to draw so-called tokens (one token allows free opening of one article in Open Access mode). The number of tokens allocated to UCT Prague in 2024 proved to be quite sufficient. 103 tokens were used, with a total value approaching CZK 8.2 million. The contribution from the central OA fund was, as usual, primarily intended for publication in Gold OA journals. In 2024, 61 articles were supported from the All OA Fund. The total value of publication charges (APCs) spent on these articles exceeded CZK 3.7 million.

Promoting excellence and societal relevance of research (MEYS SP2021+: 4C)

Projects of cutting-edge research carried out under the OP JAC

In 2024, the implementation of eight supported projects from the OP JAC call for Excellent Research started. The aim of the Excellent Research Call is to support research of an interdisciplinary nature with a high potential to produce cutting-edge and future applicable research results, research based on an excellent research team and the development of international cooperation between research organisations.



The role of the grant recipient and coordinator is played by UCT Prague in the project *Energy Conversion and Storage (ECO&Stor)*, whose expert guarantor is Prof. Dr. Ing. Karel Bouzek (Department of Inorganic Technology, FCT). The project with a total eligible expenditure of CZK 488.8 million will be funded by the European Commission. The main goal of the ECO&Stor project is to create a broad multidisciplinary team of about 200 experts focused on energy conversion and storage, covering areas ranging from theoretical calculations and design of appropriate systems at the molecular level through verification of their function at the laboratory scale and solving engineering problems associated with the scale-up to the industrial scale. Subsequently, the goal is to integrate the designed systems into the electricity distribution network and into urban planning units at the municipal and city level. This setup will allow for the development of a comprehensive knowledge base enabling the national industry and public administration to gain the necessary partners to collaborate in the ongoing process of renewable energy deployment and the phasing out of fossil fuels. The expert team of the UCT Prague is involved in five of the six research projects and is dedicated to the theoretical design and description of the corresponding materials and processes, their verification in practice, and finally also leads a research project dedicated to the scaling-up of processes using chemical engineering methods. These issues are addressed by researchers from UCT Prague in the field of batteries and supercapacitors, as well as in the field of hydrogen technology and solar radiation conversion. The financial share of the UCT Prague in the eligible project costs amounts to almost CZK 183 million.

Researchers from UCT Prague participate in seven other supported projects as co-investigators - partners with financial contribution. On the project *Mechanical Engineering of Biological and Bioinspired Systems (MEBioSys)*, the research group of Prof. Dr. Ing. Dalibor Vojtěch (Department of Metals and Corrosion Engineering, FCT) is involved. The aim of the MEBioSys project is research and development of new metallic, polymeric and composite biomaterials and surface technologies for modern orthopaedic and traumatological implants and for tissue engineering. The project is strongly interdisciplinary and combines

the latest findings from materials engineering, mechanical engineering, chemistry, physics and biology. On behalf of the UCT Prague, the project will also involve the team of Prof. Ing. Petr Slepíčka, Ph.D. (Department of Solid State Engineering, FCT), and the team of Prof. Ing. František Štěpánek, Ph.D. (Department of Chemical Engineering, FCE). The involvement of researchers from UCT Prague focuses on metal composite materials consisting of a porous titanium skeleton filled with biodegradable components in the form of magnesium or zinc alloys, materials for local drug release, which, when introduced into the body, will be able to release medicinal and bioactive substances individually, over a long period of time and at a controlled rate, as well as polymer-metal biomaterials for tissue engineering consisting of surface-modified polymers and noble metal nanoparticles. Of the total project cost of almost CZK 500 million, of which the main investigator is Brno University of Technology, the share of expenses of the UCT Prague is CZK 90 million.

The Excellence in Regenerative Medicine (EXRegmed) project involves the scientific team of **Ing. Nikola Slepíčková Kasálková, Ph.D.** (Department of Solid State Engineering, FCT). The project focuses on the creation of an excellent research centre in the field of regenerative medicine, aimed at the development, testing and application of innovative methods for the restoration and replacement of tissues and organs that have lost their function due to ageing, disease, damage or genetic defects. The excellence and uniqueness of the project lies in the fact that its research aims to restore tissues whose damage cannot yet be treated or whose regenerative capacity is severely limited. The expert team of the UCT Prague is dedicated to the development, optimization and testing of materials that should serve as replacements for irreversibly damaged small-diameter vessels and vascular patches, as well as the development of materials for covers that promote healing of chronic wounds or materials with antibacterial effect. In parallel with materials research, he is developing a non-invasive method that, in combination with artificial intelligence, would allow cell behaviour to be monitored and analysed. Of the project's total funding of CZK 481 million, UCT Prague received about CZK 18 million. The principal investigator of the project is the Institute of Experimental Medicine of the CAS.

The ***Advanced Multiscale Materials for Key Enabling Technologies (AMULET)*** project, coordinated by the Institute of Organic Chemistry and Biochemistry of the CAS, involves the scientific team of **Prof. Ing. Zdeněk Sofer, Ph.D.** (Department of Inorganic Chemistry, FCT) with the financial support of CZK 72 million for UCT Prague. The AMULET project focuses on advanced engineering of multiscale materials from subnanoscale design to integration into functional architectures for use in numerous applications in electrical engineering, medicine and environmental technologies, including socio-economic impact assessment. These are Key Enabling Technologies (KETs), which are crucial for EU competitiveness.

The Materials and Technologies for Sustainable Development (MATUR) project involves the research team of **Prof. Ing. Ondřej Jankovský, Ph.D.** (Department of Inorganic Chemistry, FCT). The aim of the project is to develop new materials and technologies for a wide range of technical applications that will play a significant role in reducing the consumption of energy and raw materials. The basic principles of the project are sustainability, innovation and the development of new materials and technologies with positive impacts on the circular economy. The role of experts from UCT Prague within the consortium led by VSB-TUO is to investigate in particular new hybrid silicate materials and their technological applications as well as other binders based on reactive magnesium oxide. The research group of Prof. Dr. Dipl.-Min. Willi Pabst (Department of Glass and Ceramics, FCT) will mainly study materials for high-temperature technologies in the energy sector. Other research aims of the project are processes and materials that reduce the

environmental impact of industrial products and multifunctional nanostructured materials and technologies. Of the total funding of CZK 464 million, CZK 18 million is allocated to UCT Prague.

The *New Technologies for Translational Research in Pharmaceutical Sciences (NETPHARM)* project, coordinated by the Faculty of Pharmacy of the Charles University, involves the research team of **Prof. Ing. František Štěpánek, Ph.D.** (Department of Chemical Engineering, FCE). The aim of the project is cutting-edge research and development of advanced therapeutics, (nano)formulations and drug delivery systems, using innovative technologies, latest approaches and experimental models of translational drug development within the network of excellent R&D centres. The amount of financial support from the project for UCT Prague is CZK 79.5 million. From UCT Prague, the project also involves the research groups of Prof. Ing. Miroslav Šoóš, Ph.D. (Department of Chemical Engineering, FCE), Assoc. Prof. Mgr. Jarmila Zbytovská, Dr. rer. nat. (Department of Organic Technology, FCT) and the medicinal chemistry team led by Prof. Andrea Brancale (Department of Organic Chemistry, FCT), which focuses on discovering hits and optimizing new compounds that can modulate transcription factors and treat age-related conditions. The team brings expertise in cheminformatics and computational drug design, organic synthesis and medicinal chemistry. In addition, it maintains an extensive network of international collaborations with several world-leading groups. The team's vision is to address diseases with clear unmet medical needs using innovative strategies and methodologies aimed at delivering research results with high translational value.

Prof. Stepanek's research team is involved together with the research teams of **Prof. Uhlik and Assoc. Prof. Viktorová** (Department of Biochemistry and Microbiology, FFBT) also into the project *Talking to Microbes - Understanding Microbial Interactions in the One Health Concept (INTER-MICRO)*, led by the Institute of Microbiology of the CAS. The project aims to make fundamental progress in understanding communication within microbial communities and between microbes and their hosts. In particular, the mechanisms and regulation of microbial cell reprogramming during host colonisation and the principles of microbial community formation, composition and function, resistance and resilience to environmental factors will be investigated using a variety of experimental models including animal, plant and fungal hosts. The financial resources for the involvement of UCT Prague in the INTER-MICRO project are almost CZK 76.5 million.

The project *Sensors and Detectors for the Information Society of the Future (SenDISo)* is coordinated by the Institute of Physics of the CAS. Its aim is to create a new generation of tools that will serve research in the life sciences and also advance applications in the rapidly developing fields of medical diagnostics, therapeutics, environmental monitoring and industrial quality control. The core of the proposed programme lies in the development of physical transducers and physical methods for the preparation of advanced materials, opening the door for the development of new detectors and chemical biosensor solutions. The project will involve two research groups from UCT Prague - within the research work package Advanced Inorganic Materials and Nanostructures, the research group of **Prof. Dr. Ing. Josef Krýsa** (Department of Inorganic Technology, FCT) and within the research work package Chemisensors, a research group coordinated by **Prof. Dr. Ing. Martin Vršata** (Department of Physics and Measurements, FCE). The project has a subsidy of CZK 39 million for UCT Prague.

Production of emission-free hydrogen with the support of TA CR

The electrolysis of water and the production of emission-free hydrogen with the least possible environmental impact is the subject of research by the group of **Assoc. Prof. Ing. Martin Paidar, Ph.D.** (Department of Inorganic Technology, FCT). His project *Technology of water demineralisation for electrolytic hydrogen production with elimination of waste concentrates*, solved together with Robert Bosch, spol. s r.o., was supported by TA CR within the THÉTA 2 programme oriented to support applied research and innovation in the energy sector. The project focuses on the preparation of demineralised water for hydrogen production by electrolysis. Water, as a source material for the electrolysis process, must be as



pure as possible, i.e. mainly free of minerals that could subsequently damage the electrolyzer. In the case of hydrogen production using renewable sources, it is necessary to operate in an intermittent mode. Together with Bosch, scientists from UCT Prague are focusing on finding a sufficiently flexible and robust solution for water demineralisation. They are working to develop a technology that will be able to best meet the requirements of electrolyser operators. The result should be a proven water treatment technology. The aim is to achieve "zero liquid discharge" technology, i.e. no liquid waste. The project, which started in July, will run until the end of 2027.

The Future of Water Symposium

Prof. Ing. Jiří Wanner, DrSc. (Department of Water Technology and Environmental Engineering, FET), participated in the first edition of the expert symposium The Future of Water at the end of January in the uniquely reconstructed Kladno reservoir. The symposium focused on topics such as European regulation, technological advances in water management, climate change in Europe, cyber security, the need for a long-term "water strategy", the search for new sources of drinking water, the possibility of recycling it and the need for education for the professional and lay public. At the symposium, the biggest names in the water industry discussed issues such as the fact that the water that comes out of a sewage treatment plant is often of better quality than water from the tap, and the need for the law to change the perception of what "waste water" actually is. Prof. Wanner spoke on a panel on "Water in Europe and Climate Change". He stressed that the Czech Republic is one of the countries with the smallest renewable water supply and that in the future we will need to focus on exploiting new sources of water that could be found if we introduce an element of circularity into our linear system, such as water recycling. Another topic discussed was the forthcoming amendment to the EU directive on wastewater treatment, the implementation of which will

require high financial costs in the Czech Republic. The event was co-organised by Ecoista together with Deník.

Otto Wichterle's new laboratory at UCT Prague

At the end of October, the official opening ceremony of **the Otto Wichterle Laboratory** took place at UCT Prague in the presence of the management of UCT Prague, IOCB, IMC and other distinguished guests, including Prof. Kamil Wichterle, DrSc., from VSB-TUO Ostrava, who represented the family of Prof. Otto Wichterle. The new, state-of-the-art laboratory of the Institute of Polymers (FCT), named in honour of Professor Otto Wichterle, was created in cooperation with the IOCB and is designed for research on chemical recycling of polymers leading to sustainable polymer materials. It will be led by Dr. Stella De Almeida Gonsales, Ph.D. Previously, the lab was presented to the alumni of the Polymer Institute on the occasion of their 75th anniversary reunion.

Supported by grants from the GACR at UCT Prague

The JUNIOR STAR grants announced by the Czech Science Foundation (Grant Agency of the Czech Republic /GACR/) are intended for excellent budding scientists within eight years of obtaining their Ph.D. who have already published in prestigious international journals and have significant international experience. Thanks to a five-year project with the possibility to draw up to CZK 25 million they will have the opportunity to become scientifically independent and possibly establish their own research group, which can bring new scientific topics to Czech science. In the JUNIOR STAR 2025 competition, the results of which were announced by the GACR at the end of 2024, among the supported researchers was **Ing. Daniel Bím, Ph.D.** (Department of Physical Chemistry, FCE), who will be working on the project *Optimization of nickel catalysts for improved stability and catalytic efficiency under photochemical and electrochemical reaction conditions* at the UCT Prague from 2025.

Scientists from UCT Prague were also successful in other public competitions of GACR in 2024, and thus received support for their projects from 2025. **Karolína Salvadori, Ph.D.** (Department of Analytical Chemistry, FCE), with her project *Azacalixarenes and their use in anion recognition* and **Ing. Jakub Papík, Ph.D.** (Department of Biochemistry and Microbiology, FFBT), with the project *Impact of sustainable agriculture on the interactions between microbial and molecular diversity in soil*.

Sixteen principal investigators from the UCT Prague have been supported in **the Standard Projects** of the GACR with solutions from 2025 onwards, and one project will be co-investigated by a co-investigator from the UCT Prague.

Awards and achievements in scientific research

Rector **Prof. Ing. Milan Pospíšil, CSc.**, received at the end of September the **honorary medal De scientia et humanitate optime meritis** awarded by the Academy of Sciences of the Czech Republic for outstanding personalities for particularly meritorious activities in the field of science and humanitarian ideas. Prof. Pospíšil was honoured for his outstanding achievements in practical applied research in the fields of hydrocarbon analysis, the environmental impact of combustion and the development of a national strategy for the use of renewable energy sources in transport.



In October, at the festive Evening with Czech Chemistry, which is regularly organized by the Association of the Chemical Industry of the Czech Republic, **Prof. Ing. Jana Hajšlová, CSc.** (Department of Food Analysis and Nutrition, FFBT), received the award of **Personality of Czech Chemistry**. Prof. Hajšlová has been working at UCT Prague since the beginning of her scientific career. Until 2017, she was the head of the Department of Food Analysis and Nutrition (FFBT). Gradually, she managed to build a state-of-the-art facility with world-class research. The Department has become a recognized center for the development of modern analytical methods for the effective evaluation of the quality and safety of food, raw materials for their production and other natural materials. In the last decade, the Department has also focused on the implementation of metabolomic studies in the field of food authentication and the assessment of population health risks due to exposure to various types of contaminants and natural toxins. Prof. Hajšlová and her team collaborate with a number of foreign scientific institutions and have been and are researchers or co-investigators of several dozen international and national grant projects. She is a member of several disciplinary and scientific boards and was a member of the Horizon 2020 Programme Committee for Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water. She regularly organizes as a "chairwoman", together with her Dutch partner (WFSR, Wageningen), the very successful international symposia Recent Advances in Food Analysis (RAFA). During her tenure at UCT Prague, she has been a supervisor of 48 MSc and 30 PhD students who have successfully defended their qualification theses and many of them have found employment abroad.

In November, on the occasion of the 11th International Symposium on Recent Advances in Food Analysis (RAFA 2024), which was held in Prague under the organization of UCT Prague and Wageningen University & Research, the Netherlands, **Prof. Ing. Jana Hajšlová, CSc.** (Department of Food Analysis and Nutrition, FFBT), received the **Fritz Pregl Medal**. The award was presented to her by the President of ASAC (The Austrian Society of Analytical Chemistry). The medal bears the name of Friedrich Michael Raimund Pregl, who won the Nobel Prize in Chemistry in 1923 for his pioneering work in the field of microchemical methods closely related to microanalytical applications. In his honor, ASAC awards the Pregl Medal to individuals

who have made significant and outstanding contributions to the development of analytical chemistry, particularly in the field of trace organic analysis.

Traditionally in Lužany at the Josef Hlávka Chateau in November, the **Josef Hlávka Medal** awarded by the Josef, Marie and Zdeňka Hlávka Endowment Foundation was received by **Prof. Ing. Igor Schreiber, CSc.** (Department of Chemical Engineering, FCE). The Josef Hlávka Medal is intended for the founders and other prominent personalities of Czech public universities, Czech science and art in recognition of their lifelong work for the benefit of Czech science, art and education.

In November, the Minister of Education, Youth and Sports presented the MEYS awards in the field of higher education, science and research at the Lichtenstein Palace. **The prize for outstanding results in research, experimental development and innovation** was awarded to **Prof. RNDr. Petr Slavíček, Ph.D.** (Department of Physical Chemistry, FCE). MEYS has been awarding the prize since 1991. Every year, research organisations and universities nominate outstanding results of research, experimental development and innovation achieved in the last five years with financial support provided by MEYS, representing personalities of science and research. A committee composed of leading figures in the scientific sphere selects the outstanding results and recommends them to the Minister.

The Engineering Academy of the Czech Republic Award for an outstanding technical project was awarded by the Engineering Academy of the Czech Republic to a team of scientists from the **ORLEN Unipetrol Group and the University of Chemistry and Technology, Prague** for the development of technology for the production of dicyclopentadiene (DCPD). Based on their research and development activities, this technology was implemented by ORLEN Unipetrol at its chemical plant in Litvínov. The DCPD liquid hydrocarbon production unit was commissioned in autumn 2022 and the value of the investment in its construction amounted to CZK 831 million. ORLEN Unipetrol has thus become one of the four largest producers of this highly sought-after product in Europe. Members of the author team, Prof. Tomáš Herink from ORLEN Unipetrol, **Prof. Josef Pašek** and **Assoc. Prof. Jiří Kupka** from UCT Prague received the award at a gala evening in November at the Bethlehem Chapel in Prague.

The project *Biogas for Sustainable Renewable Energy and Green Youth Entrepreneurship (BLESYG)*, implemented by the School of Business of the UCT Prague, received the prestigious **Energy Globe certificate**. The project aimed at promoting sustainable biogas production and developing green entrepreneurship among young people is implemented in Kapyanga, Zambia. A key pillar of the project is a unique business model that links the supply chains of six key commodities. This approach supports the creation of employment and business opportunities in both urban and rural areas, particularly by engaging low-income populations. These groups can be involved as raw material suppliers, producers, wholesalers, retailers or consumers. In addition, the project synergistically links sectors such as pig farming, biogas production, feed and solid organic fertiliser production. BLESYG emphasises the involvement of youth in the development of the local business environment. Young people are seen as a key driver of transformation, and their support is essential for achieving equitable economic growth, shared prosperity and poverty reduction. Biogas serves not only as a source of clean off-grid energy for rural areas, but also as a basis for the production of organic fertilizers. This process provides valuable experience for young people and opens up new job and business opportunities. Expert supervision of the technical details of the project was led by **Patrick Kapila, Ph.D.**, while the business model of the project was the responsibility of **Assoc. Prof. Lenka Švecová, Ph.D.** (both School of Business). This prestigious award is a confirmation of the

high level and contribution of the BLESKY project, which represents a significant step towards a sustainable future and support for the younger generations.

The interdisciplinary project *Implantable Sensors for Early Detection of Inflammation and Bacterial Colonization*, in which the Motol University Hospital, the Institute of Macromolecular Chemistry of the CAS, the Czech Technical University and the UCT Prague collaborated, was awarded the prestigious **Prize of the Minister of Health for Medical Research and Development**. The aim of the award-winning project was to create a unique sensor capable of quickly identifying the development of infection in the vicinity of the implant without the need for invasive examinations, thus avoiding the irreversible need to remove the endoprosthesis. The developed sensors detect changes in pH and the presence of reactive oxygen species, which are key indicators of inflammatory processes. Thanks to a nanostructured surface made of biocompatible titanium alloy, complemented by oxides of other metals, the sensors achieve exceptional sensitivity. A preclinical study confirmed that a change in pH below 7.4 indicates an increased risk of infection. The Minister of Health Award was presented at a ceremony in December 2024. This award highlights the importance of interdisciplinary collaboration and cutting-edge research that delivers tangible benefits to patients and healthcare systems. On behalf of UCT Prague, the project investigator was **Assoc. Prof. Ing. Jaroslav Fojt, Ph.D.** (Department of Metals and Corrosion Engineering, FCT).

Researchers from UCT Prague develop rapid test for kratom and HHC intoxication

Kratom and new synthetic phytocannabinoids (HHC, THCP) have rapidly become a dangerous phenomenon of today. In the absence of any restrictions on the sale of products containing these psychoactive substances, the number of users, including drivers, is increasing. Meanwhile, the traffic police have no tool to control their intoxication in the field. UCT Prague, together with Essence line, has started a project *Development of field immunochemical tests from saliva to detect intoxication with Kratom and new phytocannabinoids* supported by the Ministry of Interior from the Programme of Security Research of the Czech Republic 2021-2026: development, testing and evaluation of new security technologies (SECTECH). The project aims to develop certified field tests for the preliminary demonstration of acute intoxication as well as confirmation tools using certified methods for the quantification of these substances in blood plasma by LC-MS. The project involves the research group of **Assoc. Prof. Ing. Martin Kuchař** (Department of Solid State Engineering and Forensic Laboratory of Biologically Active Substances, FFBT). The tests will be used not only by traffic police, but also by physicians and toxicology departments for rapid detection of the causative agent of overdose in non-communicating patients. Essence line is involved in the development of the tests together with UCT Prague, whose role is to ensure the transfer of research results into practice.

Development of international cooperation in R&D&I (MEYS SP2021+: 4D)

International scientific research grants

In total, 53 international scientific research projects from foreign providers were solved at UCT Prague in 2024, including 7 projects from Horizon 2020, 27 projects from Horizon Europe, 1 project from EU4Health, 4 projects from RFCS, and 14 projects from other foreign providers (see more in part C, chapter 7 d).

The European Hydrogen Academy

From January 2024 to the end of 2027, UCT Prague, headed by **Prof. Dr. Ing. Karel Bouzek** (Department of Inorganic Technology, FCT) and Prof. Robert Steinberger-Wilckens, will coordinate *The European Hydrogen Academy (HyAcademy.EU)* project, which involves seventeen partners from eleven countries. In the context of the global search for sustainable energy solutions, the EU is facing a shortage of qualified professionals in the hydrogen industry. Despite significant investment in education and training, fragmented initiatives are hindering the growth of the sector. In this context, the HyAcademy.EU project leverages existing investments in education and training. The consortium brings together different projects and strengthens their impact and reach. At mid-term, the project will have created a network of more than 100 universities and 500 schools offering hydrogen technology programmes. It will create hands-on labs, an accessible learning portal and multilingual training materials. By incorporating new teaching methodologies, it paves the way for a sustainable and skilled workforce, which is in line with EU objectives and also promotes public acceptance of hydrogen technologies. UCT Prague is a coordinator in the project and also plays a key role in the development and delivery of the training materials. Its activities within the Czech Republic include the identification of suitable training institutions, analysis of employer requirements and preparation of teaching materials. The Hydrogen Academy is financially supported by major institutions including, in addition to the European Union, the Clean Hydrogen Partnership, UK Research and Innovation and the Swiss National Science Foundation.

Two grants in the prestigious MSCA Postdoctoral Fellowship competition at UCT Prague

At UCT Prague, two researchers will be carrying out their postdoctoral fellowship within the framework of a grant supported by the Horizon Europe programme from the **MSCA Postdoctoral Fellowships 2023** call. These grants are the main EU instrument to support individual research stays of postdocs abroad. **Dr. Emilia Jakubowska** from Poznań University of Medical Sciences will carry out her project *Advanced manufacturing of drug substrates by co-processing with excipients through heteronucleation in a microfluidic device (ManCoProc)* at the Department of Chemical Engineering (FCE) under the supervision of Prof. Ing. František Štěpánek, Ph.D., for 19 months, including 3 months of non-academic placement at Zentiva. **Dr. Yirong Zhao** was successful with the two-year project *Developing high-energy tellurium/selenium redox-amphoteric conversion cathode chemistry for aqueous aluminium batteries (TSRA)* and will move from Technische Universität Dresden to the Department of Inorganic Chemistry (FCT), where she will work under the supervision of Prof. Ing. Zdeněk Sofer, Ph.D. Fourteen other projects from the MSCA PF 2023 call have achieved a sufficient rating from the European Commission to receive synergy funding from the OP JAC. Five MSCA PF projects (including two from the specific call for Ukrainian researchers) and eleven MSCA PF projects funded by OP JAC (Chemfells V and VI projects) are now underway at UCT Prague.



Publication of an article in Nature Communications

In October, the prestigious scientific journal **Nature Communications** published a scientific article *Attosecond formation of charge-transfer-to-solvent states of aqueous ions probed using the core-hole-clock technique* (<https://doi.org/10.1038/s41467-024-52740-5>), which brings new insights that ultrafast processes related to electron density transfer in the interaction of substances can be investigated using X-ray

spectroscopy. The authors of the article were **Assoc. Prof. RNDr. Eva Muchová, Ph.D., and Prof. RNDr. Bc.** "What happens to the electron after *the ion leaves the aqueous environment is a sexy scientific topic described from many angles. But what has been missing from the puzzle so far has been the time span of the birth of the electron and its detachment from the ion,*" says Associate Professor Muchová. "Everything happens so fast that in the time-resolved experiment method we use, we would need sub-attosecond laser pulses, which is the music of the future. Moreover, we don't know yet if it will even work properly. So we went about it in a different way," explains Associate Professor Muchová. And that's by tracking what's happening not in time, but by using resolution in energy. Scientific teams from UCT Prague, in collaboration with colleagues from Uppsala, Sweden, and the Fritz Haber Institute in Germany, have discovered that the ultrafast processes mentioned above can also be investigated using an order of magnitude simpler method - X-ray spectroscopy - and have become the first in the world to describe the time it takes for an electron to be born and leave an ion of sodium, magnesium and aluminium. The experiment itself was carried out at the DESY synchrotron in Hamburg and theoretically interpreted at the UCT Prague. Understanding another part of the complex and diverse process of electron mass transfer using simpler and more accessible technology can serve various industries in the future, as voltage transfer occurs in biological organisms, photocatalysis, and also in the solid phase.

Popularisation of natural sciences and results of creative activities of UCT Prague (MEYS SP2021+: other priority objectives II. 10)

Media coverage of the floods by experts from UCT Prague

At the time of the September floods in the Czech Republic, experts from UCT Prague were present in the media on the topic of flood risk to water infrastructure. **Prof. Ing. Pavel Jeníček, CSc.** (Department of Water Technology and Environmental Engineering, FET), answered questions from Daniel Stach on the live broadcast of ČT 24 in the programme Extreme Rains 2024 on maintaining the quality of drinking water during floods, the role of wastewater treatment plants or the risks of microbial pollution, and was also a guest on the programme Floods 2024 on ČRo Radiožurnál, where he responded to questions about the operation of wastewater treatment plants during floods. In the programme Studio 6 CT, **Prof. Ing. Jiří Wanner, DrSc.** (Department of Water Technology and Environmental Engineering, FET), to questions about what to do with a flooded sewage treatment plant, and **Prof. Ing. Václav Janda, CSc.** (Department of Power Engineering, FET), on questions about what to do with contaminated water in wells.

Events to popularize science and scientific results

At the end of September, 3356 visitors came to UCT Prague as part of the annual nationwide event **Night of Scientists 2024**. The programme of the Night of Scientists event at UCT Prague on the theme of Transformation was prepared by 240 enthusiastic scientists, high school students from the Chemistry Club, Summer Camp Phoenix and Summer Camp Běstvinka, volunteers from participating organizations and friends of the school. The program offered visitors 32 program items in Czech, 25 program items in English, 15 expert stops during school tours, 14 workshops, 5 labyrinth walks through the UCT Prague, 4 online programs, 2 dogs, 2 competitions and 1 C14 Evasion and many other programs without registration. The event was supported by a grant from the Programme of Support for the Development of the Higher Education Sector.



In June, the 12th edition of the largest outdoor science festival in the Czech Republic - **VědaFest 2024** - took place in Prague's Dejvice. Visitors to the festival could see that "Science educates" in 114 exhibitions in real and virtual form. It was possible to try to cure plants, predict the weather, unravel the mysteries of forgotten writing, purify Prague's water, discover the uniqueness of papillary lines, experience the power of steam engines on working models, take a closer look at radioactivity, and even go into space. Try resistance on rotating simulators, program robots, mix paints or dissect a mouse. Virtually, it was possible to build a wall, fix a dripping faucet, walk through a library in different eras or stroll above skyscrapers. On the festival stage, visitors enjoyed a chemistry and construction show as well as the work of canine detectives and could test their knowledge in the Clever Head quiz. There was also the current topic of artificial intelligence. In the morning workshops AI in your pocket, participants learned the basics of working with AI through games. The event was organized by the Children and Youth House of the Capital City of Prague. Prague, Czech Technical University in Prague and UCT Prague with the support of the Prague 6 Municipal District and the Czech Society for Biochemistry and Molecular Biology.

5 Capacity building for strategic management of higher education

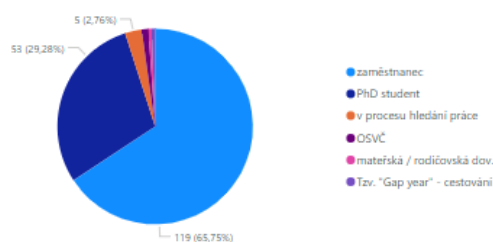
Strengthening of strategic management at UCT Prague (MEYS SP2021+: 5B)

Data mining at UCT Prague

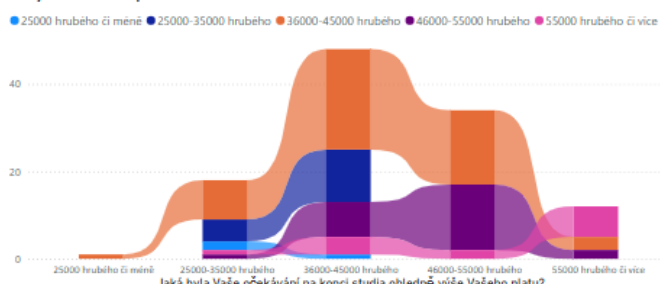
The range of services offered by the internal **Data Mining** Group (Data Centre) for data mining from internal and external information sources (Department of Strategic Planning, Rector's Office) is gradually being expanded. We have managed to implement a data warehouse with Power BI reporting superstructure and connect it to the student information system, and with an external supplier we have started the development of a tailor-made application for the implementation of questionnaire surveys at UCT Prague. The Data mining information page in the internal part of the website was expanded to present data

analyses created at UCT Prague. Members of the Data mining group are involved in the implementation of a key activity of the EduPro - Education for the Future project focused on the use of data for strategic management and digitalization of reporting at UCT Prague.

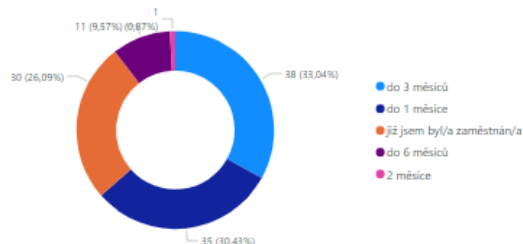
Jak se uplatnili absolventi Mgr. studia půl roku po absolvování



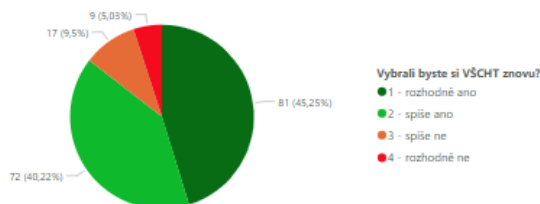
Platy absolventů v porovnání s očekáváním



Jak rychle si absolventi Mgr. studia našli zaměstnání



Vybrali by si absolventi VŠCHT znovu?



UCT has joined the international evaluation of the institution

In accordance with the Strategic Plan of UCT Prague for the period from 2021, the University has initiated the necessary steps to carry out an independent international evaluation of the implementation of its strategic priorities, the management of the institution and the quality of its activities. In May, it signed up to the **Institutional Evaluation Programme (IEP)** offered by the European University Association (EUA). The IEP is intended to support the institution in further developing its strategic leadership, change management capability and internal quality culture, and to provide recommendations in the context of the specific aims and objectives with which the institution is entering this voluntary evaluation. The evaluation process, which has been ongoing since October 2024, has begun with the preparation of a self-evaluation report and will culminate in a final report by the IEP team in September 2025. The recommendations from the evaluation will be used by UCT Prague to prepare the Strategic Plan for the next multi-year period. An assessment of the success of the implementation of the recommendations and changes will be the subject of a follow-up evaluation of the IEP, which will take place within three years after the initial Evaluation.

Dejvice Campus

To foster internal cooperation, coordination and a common identity with UCT Prague, annual business and informal social events are organised for students, staff, alumni and friends of Prague. These events also provide an ideal opportunity for the university management to reach a wide target group. The campus comes alive from mid-April to the end of September with a rich programme of cultural events, lectures and open-air workshops. The project **Vektor Technická** offers a welcoming space with a café, where the student campus naturally connects with the adjacent neighbourhood. In addition to UCT Prague, five other institutions involved in the Kampus Dejvice platform - CTU, KTF UK, Prague 6, NTK and IOCB - are behind Vektor Technická. Their aim is to make the Dejvice campus more attractive and to connect student, scientific and social life in a natural and entertaining way. The 2024 season of Vektor Technická kicked off in mid-April with another edition of the traditional Hanami event - the Japanese sakura blossom festival,

the Cross Campus relay race and the International Day student festival celebrating the international community at the Dejvice Campus. On Halloween, the Campus held the technical Dejvice Maypole - Lesamay 2024. Other events include the traditional September microbrewery festival Kampus Fest.

Memorandum between UCT Prague and the Ministry of Industry and Trade on cooperation within the framework of the National Public Procurement Strategy

At the beginning of June, UCT Prague and the Ministry for Regional Development concluded a **Memorandum of Cooperation within the framework of the implementation of the National Public Procurement Strategy**. Within the framework of the Memorandum, UCT Prague commits to take active steps in the implementation of the National Public Procurement Strategy in the Czech Republic for the period 2024-2028 and at the same time UCT Prague becomes a member of the Public Procurement Platform, which is to bring together entities advocating a strategic approach in the field of public procurement and at the same time serve as a consultative and expert platform to support the exchange of experience between the individual members of the platform. As part of the cooperation, UCT Prague will implement at least two specific projects / public procurement per year that will contribute to the implementation of the objectives of the National Public Procurement Strategy. The projects will focus in particular on streamlining public procurement, increasing transparency, taking into account quality, the use of non-financial criteria and environmental and social aspects, developing professionalisation in the field of public procurement, promoting centralisation of purchasing. The Head of the Rectorate's Public Procurement Department at the UCT Prague, **Ing. Jiří Prokš**, will be responsible for implementing activities within the framework of cooperation with the Ministry of Regional Development.

Sustainable UCT Prague

As part of the preparation of the institutional sustainability strategy, an extensive questionnaire survey was carried out at UCT Prague during the summer. Responses from 561 Czech and foreign employees, PhD students and students showed that the majority of them consider the topic of sustainability to be important, behave in the same way at the university in terms of sustainability as they do at home, and try to save resources and costs. Their motivation is primarily based on the feeling that behaving sustainably is the right thing to do, and secondarily on economic reasons. 90% of students agreed that a sustainable development strategy should be a major issue for UCT Prague, and among staff and PhD students 83% of respondents agreed. The results of the survey were reflected in the sub-objectives and measures of the Sustainable Development Strategy of the UCT Prague for the period from 2024, which was prepared within the framework of the ongoing GRASS project supported by the MEYS from the NRP call of component 7.4 Adaptation of schools - promotion of green skills and sustainability at universities.

Support for cooperation and exchange of experience between universities and capacity development for strategic management at national level (MEYS SP2021+: 5C)

Cooperation in the area of security at the Dejvice Campus

At the beginning of November, the institutions operating in Prague's Dejvice Campus agreed to cooperate in ensuring the safety of their students and staff. *"The safety of our students and staff is crucial for us. At the same time, we want to preserve the friendly and free environment that is characteristic of the Dejvice*

Campus." The result is a **Memorandum on mutual cooperation in dealing with emergencies in the Dejvice Campus environment**, which was signed jointly by the statutory representatives of UCT Prague, CTU, NTK, IOCB Prague and the Prague 6 Municipal District. The Memorandum focuses on the interconnection of persons responsible for security measures and preparation for crisis situations from individual institutions, the establishment of principles of mutual information in the event of imminent or ongoing crisis situations, the agreement also includes rules for the coordination of crisis staffs, the interaction of partners in rehearsing crisis situations or regular exchange of new knowledge and experience. In parallel with the Memorandum, a Crisis Management Coordination Plan was developed, which fills in the general agreements of the Memorandum with specific information.

Strengthening Strategic Human Resource Management at UCT Prague (MEYS SP2021+: 5D)

Human Resource Management Strategy Project

UCT Prague has joined the first year of the joint two-year project of public universities *Human Resource Management Strategy* supported by the call of the Programme of Support for the Development of the Higher Education Sector of the MEYS for the years 2024-2025. The project coordinated by Masaryk University focuses on setting up equal remuneration strategies, setting up career systems, evaluation systems and their implementation, as well as strengthening a safe and stimulating working environment for employees enabling them to reconcile their private and working life. In the framework of the year 2024, the Internal Wage Regulations were revised at UCT Prague, a new Catalogue of Job Positions was created, a revision of documents regulating the recruitment process was carried out - a draft of the Selection Procedure Regulations and a revision of documents regulating the attestation process. An internal discussion was held to set up evaluation kits and frameworks for staff. E-courses were developed on work-life balance, return to work after long-term absence and social security. A survey of staff using the services of the Zkumavka children's group was conducted and jobs suitable for sharing were identified. The solution of the two-year project, which will continue in 2025, is supported by a total contribution from the state budget of CZK 852 thousand.

New professors appointed at UCT Prague

In June and December, President of the Republic Petr Pavel handed over appointment decrees to professors of universities. Among those appointed were **Prof. Ing. Jan Mareš, Ph.D.** (Department of Mathematics, Informatics and Cybernetics, FCE) - appointed professor for the field of Machine and Process Control on the proposal of the Scientific Board of Tomas Bata University in Zlín and further on the proposal of the Scientific Board of the University of Chemistry and Technology, Prague **Prof. Ing. Milena Stránská, Ph.D.** (Department of Food Analysis and Nutrition, FFBT) - appointed professor for the field of Chemistry and Food Analysis, **Prof. Dr. Ing. Vlastimil Fíla** (Department of Inorganic Technology, FCT) - appointed professor for the field of Inorganic Technology and **Prof. Ing. Tomáš Herink, Ph.D.** - appointed professor in the field of Chemical and Energy Processing of Fuels.

Rector of UCT Prague awarded employees

The Julia Hamáčková Award has been awarded annually at UCT Prague in three categories since 2016. The competition for the Julia Hamáčková Prize was established at UCT Prague in 2015 as part of the

implementation of the FP7 EU TRIGGER project. The aim of the prize is to encourage the consideration of gender aspects in research and pedagogical work and in activities beneficial to the development of the school and promoting equal opportunities. The winners of the 2024 prize were selected by the evaluation committee from the nominated candidates. The prizes, a diploma and a glass plaque were received by the winners from the hands of the Rector of UCT Prague, Prof. Ing. Milan Pospíšil, CSc., at the award ceremony in the Historical Library of the UCT Prague at the end of November. The **Julie Hamáčková Award 2024** in category a) public award for outstanding contribution of women employees of UCT Prague to the development of science, research, pedagogy and innovation was awarded to **Assoc. Prof. Ing. Barbora Doušová, CSc.** (Department of Solid State Engineering, FCT). The prize in category b) public award for extraordinary contribution of female employees of UCT Prague to the development of the school and promotion of equal opportunities was awarded to **Ing. Helena Valenzová** (Department of Strategic Planning, Rector's Office).

Traditionally, the Rector uses medals and Rector's awards as a tool to recognise the outstanding achievements and contributions of employees and students in various areas of their work at the school and their merits contributing to the development and promotion of UCT Prague. The **Emil Votoček Medals** are awarded by the Rector of UCT Prague to outstanding personalities who have contributed to the development of chemistry and other disciplines taught at UCT Prague or to the development of cooperation with UCT Prague in the field of education, research and development through their professional or public activities. The Emil Votoček Medals for the year 2024 were awarded by Rector Milan Pospíšil on the occasion of the graduation ceremony in June in Bethlehem Chapel to **Prof. Ing. Jindřich Leitner, DrSc.** (Department of Solid State Engineering, FCT), and **Prof. Ing. Jan Masák, CSc.** (Department of Biotechnology, FFBT).

The **Rector's Awards for 2024** were presented by the Rector at the traditional Advent Concert of UCT Prague in Bethlehem Chapel in December. **Ing. Martin Dobšík** (Finance Department, Rector's Office) for his outstanding contribution to the development of UCT Prague in the field of economics, **Prof. RNDr. Marie Urbanová, CSc.** (Department of Physics and Measurements, FCE), for outstanding teaching activities at UCT Prague, **Ing. Daniel Křížek** (graduate of the Master's degree programme Biotechnology and Bioengineering,



FFBT), for outstanding results in the field of student scientific activities, **Assoc. Prof. Ing. Jan Macák, CSc.** (Department of Power Engineering, FET), for outstanding results in research and science and **Bc. Matouš Tůma** (student of the Master's degree programme Chemical Engineering and Bioengineering, FCE) for exemplary combination of his studies at UCT Prague and his participation in the national sports team.

6 Reduce the administrative burden on university staff so that they can fully devote themselves to their mission

Simplifying the transfer of information to public administration and improving the availability and circulation of information through the continued digitisation of agendas (MEYS SP2021+: 6A)

Electronic circulation of documents

As of 2023, an electronic tool for the circulation of part of personnel documents, the so-called **Workflow** application, which is a superstructure of the OKbase personnel information system and enables the electronic creation and approval of some personnel documents, is fully operational. At the end of 2024, almost 8 000 drafts had been created through Workflow. In addition to the electronic approval process, the availability of up-to-date data for senior staff and so-called whisperers in the active form is also a benefit, thereby reducing the errors introduced by manually filling in data in templates. In 2024, the application was further enhanced with a new process, which is **job filling**. This is linked to the process of establishing or changing an employment relationship, whereby a proposal to modify the job description is automatically created when the user ticks the relevant box. The resulting content is automatically transferred to the HRIS. The advantage is that the content of the job description is available to both the employer and the employee, who can further view the job description in the OKbase web client.

Work continued on the launch of the Travel module in the personnel IS, which will digitise the process of entering, approving and accounting for travel orders. Due to the specific needs of UCT Prague for the accounting of business trips and the related modifications of against the standard module setup, it was not possible to launch a pilot operation in 2024. Testing of the functionalities and interfacing with the financial information system was carried out only at the working group level.

In order to further reduce the administrative burden on staff, the electronic asset approval module was tested and subsequently launched. Since November, it has been successfully deployed in pilot operation at two institutes of UCT Prague. It is intended to replace the previously used "paper" circulation of property approval during property transfers.

A total of five forms have been launched to replace the "paper" circulation of applications to the Computing Centre in the internal processes of the Computing Centre. These include requests for setting up or extending school accounts for external staff or requests for various types of exemptions.

7 Internationalization

Development of global competences of students and staff in higher educations (MEYS SI2021+: I1)

Visiting renowned international experts

The measure of **hosting foreign experts** contributes to the development of the internationalisation of the environment of UCT Prague, the development of language competences of students and employees and also enables the establishment of desirable contacts with foreign experts to further develop international cooperation of UCT Prague through short-term teaching stays of foreign experts. The full-time form of hosting is preferred. In 2024, the interest in supporting hosting of foreign experts at UCT Prague increased significantly and with the support of a financial contribution from the Strategic Management Support Programme for Universities, 25 hosting of foreign experts from foreign institutions in Europe and outside Europe in various fields of study developed at UCT Prague were realized and another four hosting were supported from other financial sources of UCT Prague. The foreign experts came from major institutions such as Stone Brooks University (USA), Technical University of Munich (Germany), Dublin University (Ireland) and ENS LYON, Laboratoire de Chimie (France).

Creating an international environment at universities and promotion abroad (MEYS SI2021+: I4)

ATHENS programme

In November, UCT Prague welcomed students of the one-week intensive course in advanced technologies of the international study programme **ATHENS**. In 2024, the students focused on **Environmental Technology**, provided by FET, or **Digital Signal and Image Processing with Applications**, provided by FCE. The ATHENS programme also offers studies at fourteen major European technical universities to our students and professors. In the framework of the "ATHENS week" they can participate in 7-day intensive courses focused on research and development of various technologies in a wide range of fields. The aim of the programme is to gain a new foreign experience, which is used by about 30 students of UCT Prague every year for trips to their chosen destinations.

The Rector received the Ukrainian delegation

At the end of May, the Rector of UCT Prague, Prof. Milan Pospíšil, received representatives of the National University of Shipbuilding (NUOS) from Mikolajiv, Ukraine, which was a partner university of UCT Prague within the DETECT! (Deep Tech Creativity) project funded by the HEI Programme of the European Institute of Innovation and Technology (EIT), which UCT Prague coordinated. It was NUOS that provided financial and humanitarian assistance to UCT Prague in the spring of 2022, shortly after the start of the war in Ukraine. The subject of the May meeting was mutual cooperation, thanking Ukrainian partners for the material and moral support provided and the possibilities of continuing cooperation in the reconstruction of the war-torn country. The Rector of the UCT Prague offered areas in which it would be possible to cooperate with NUOS in the future, e.g. in the areas of materials, environment, energy conservation, etc. The meeting also included information on the concrete results of the DETECT! project at NUOS. The guests,

including two female students, attended both the project consortium meeting in Prague and the week-long workshop *Practical Course in Creative Digital Fabrication and Automation*, which was held in cooperation with the Maker Institute under the DETECT! project at the premises of the UCT Prague, Jankovcova Street 7.

Investment activities

General development of UCT Prague

The UCT Prague Development Plan (General) complements and specifies the long-term strategic plan of the university in the area of construction and investment development of UCT Prague in the time horizon of 10-20 years. One of the actions within the framework of the General is the construction of the UCT Prague administration building on Vítězné náměstí. In 2024, tender documentation was prepared for the announcement of a tender for the general designer of the new building. According to the original plan, the construction of the new building on Vítězný náměstí is to be implemented in 2027-2028.

IT infrastructure

Within the Dejvice site, the structured cabling was further expanded according to the requirements of individual institutes (approx. 110 connections), as well as in the context of the ongoing renovation of individual premises within the Dejvice campus and the construction of excellent laboratories. The total investment amounted to CZK 1 200 thousand incl. VAT.

Eight servers that were at the end of their useful life were replaced at the Dejvice site. The total investment amounted to CZK 5 000 thousand incl. VAT.

UCT Prague 2024 in numbers

Faculties	4
Institute of Higher Education	1
Submitted applications for study	5 212
Students in accredited SP (number of studies)	4 310
Number of PhD students (number of studies)	742
Number of accredited study programmes (with active studies)	114
Joint/Double/Multiple Degree study programmes	27
International students (number of studies)	1 137
Academic failure rate in the first year of study	38,7 %
Participants in lifelong learning (incl. U3V)	2 316
Graduates (number of studies)	1 347
Number of application experts involved in teaching	112
Students receiving scholarships (physical number)	3 688
Number of employees (average headcount)	1 357,8
Academic and scientific staff from abroad (average calculated numbers)	142,08
Newly appointed associate professors (of which women)	10 (5)
Newly appointed professors (of whom women)	3 (1)
Student mobility (number of trips)	199
Number of accommodation requests submitted	2 132
Dormitory bed capacity	1 651
Number of (co-)organised conferences with international participation	14
Number of contracts for contract research, consulting and advisory services	1 543
Number of international R&D projects	53

Basic information about the university

- a) Full name of the university, commonly used abbreviation, seat of the university and all its components

University of Chemistry and Technology, Prague

UCT Prague

Technická 1905/5, 166 28 Prague 6

www.vscht.cz

Faculties

Faculty of Chemical Technology

FCT

Zikova 4, 166 28 Prague 6

fct.vscht.cz

Faculty of Environmental Protection
Technology

FET

Zikova 4, 166 28 Prague 6

FET.vscht.cz

Faculty of Food and Biochemical Technology

FFBT

Zikova 4, 166 28 Prague 6

ffbt.vscht.cz

Faculty of Chemical Engineering

FCE

Zikova 4, 166 28 Prague 6

fce.vscht.cz

Institute of Higher Education

Technopark Kralupy of UCT Prague

Náměstí G. Karse 7/2, 278 01 Kralupy nad Vltavou

www.technopark-kralupy.cz

Branches

University Centre Litvínov UCT Prague – FME CTU – ORLEN Unipetrol

V Záluží 1, Litvínov 1, 436 01 Litvínov

www.uclitvinov.cz

Administration of University Facilities

SÚZ

K Verneráku 950, 148 00 Prague 4

www.vscht-suz.cz

Campground Běstvína

Běstvína 155, 538 45 Běstvína

www.vscht-suz.cz/skol-a-rekr-zarizeni

b) Organisational scheme of university

Diagram 1: The organisational structure of the faculties of the UCT Prague

Diagram 2: The organisational structure of the Rector's Office, all-college departments, university institutes and administration of special-purpose facilities

Diagram 3: The management structure of the UCT Prague

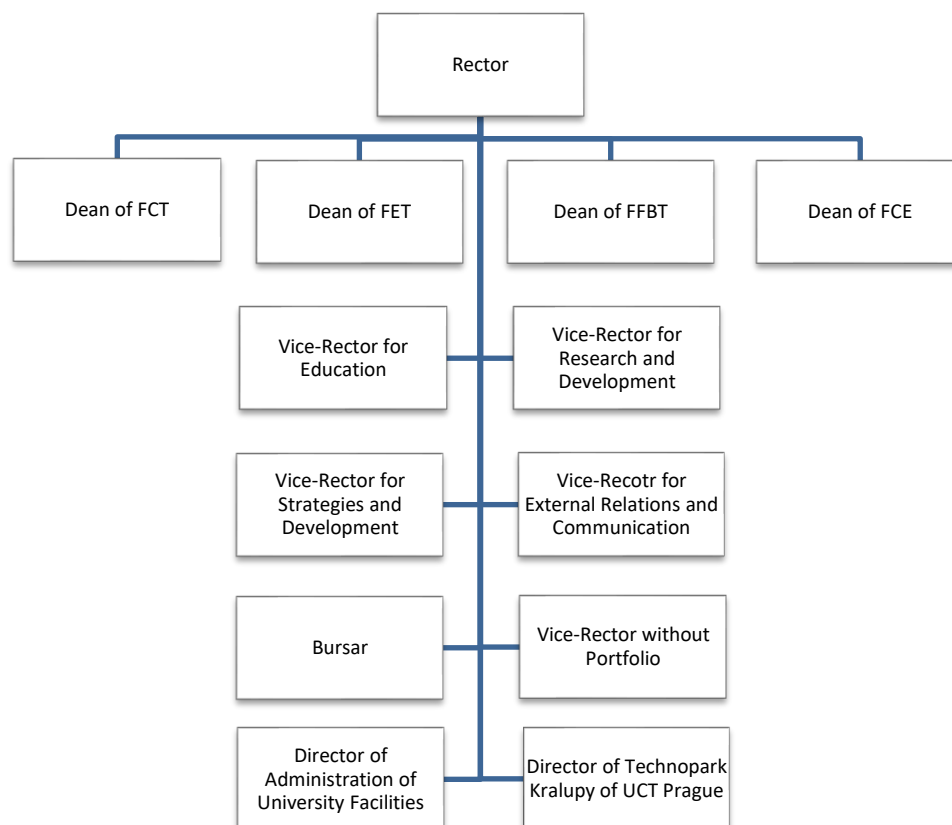


Diagram 1

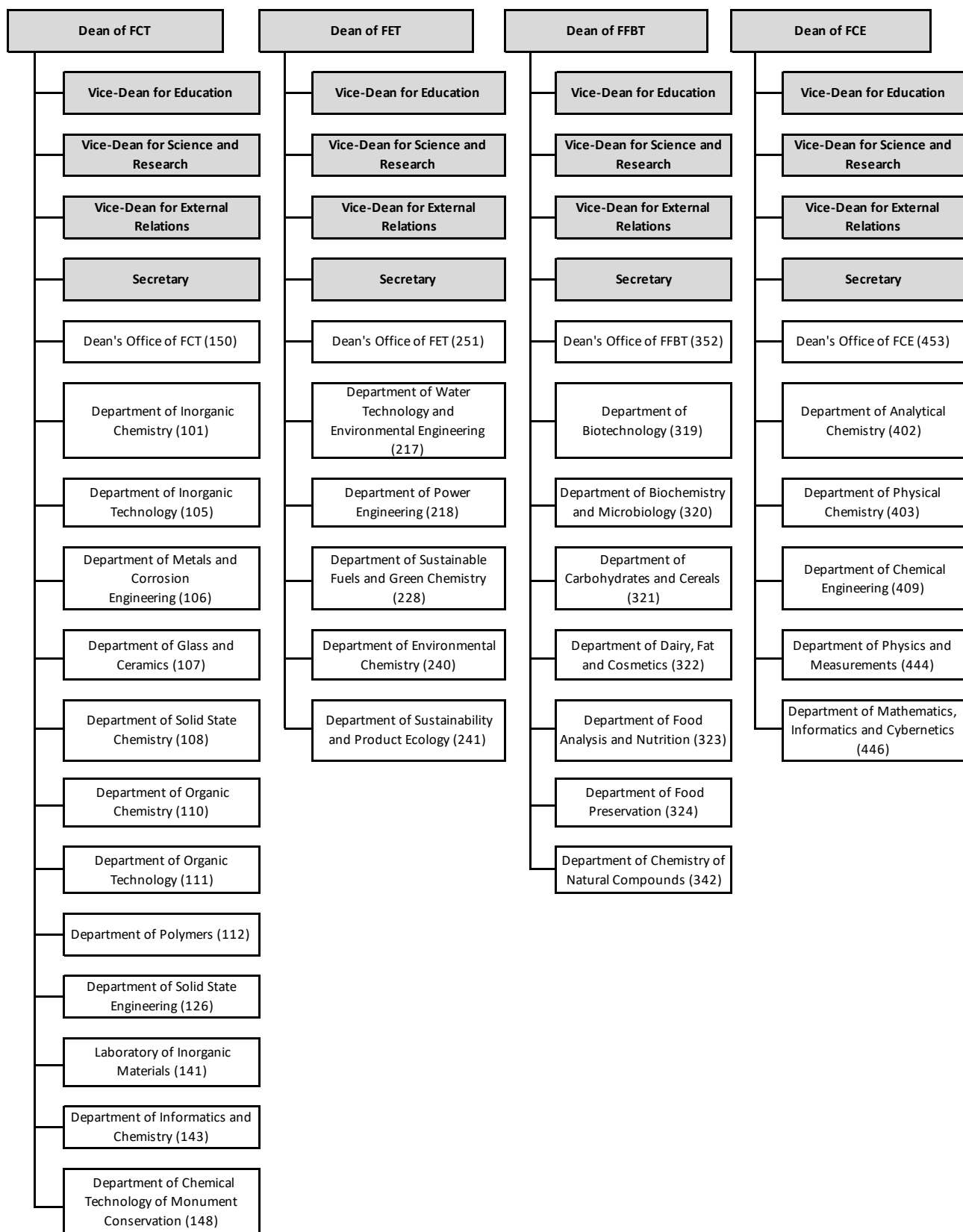
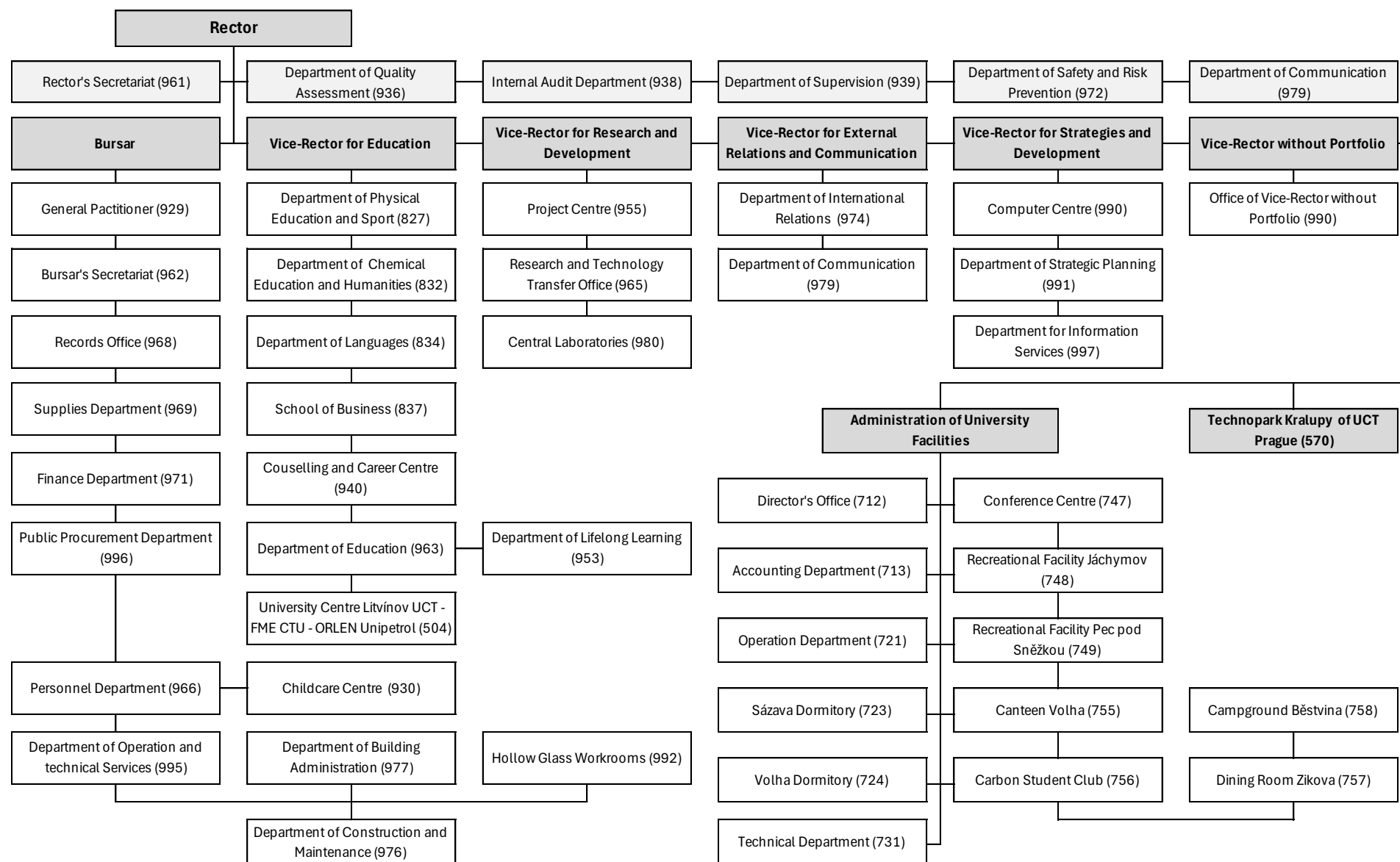


Diagram 2



Management of UCT Prague

Rector	Prof. Ing. Milan Pospíšil, CSc.
Vice-Rector for Education	Assoc. Prof. Dr. Ing. Milan Jahoda
Vice-Rector for Research and Development	Prof. Ing. Pavel Novák, Ph.D.
Vice-Rector for Strategy and Development	Prof. Ing. Milan Pospíšil, CSc. (as of 1 February 2024, the powers of the Vice-Rector for Strategy and Development will be transferred to the Rector)
Vice-Rector for External Relations and Communication	Prof. Dr. RNDr. Pavel Matějka
Vice-Rector without portfolio (entrusted agenda doctoral studies)	Prof. Dr. Ing. Michaela Rumlová
Bursar	Ing. Ivana Chválná

Administration of special-purpose facilities of the UCT Prague

Director	Ing. Stanislav Starý
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Technopark Kralupy UCT Prague

Director	Ing. Milan Petrák
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Faculty of Chemical Technology

Dean	Prof. Ing. Petr Zámotný, Ph.D.
Vice-Dean for Education	Ing. Ondřej Kundrát, Ph.D.
Vice-Dean for Science and Research	Prof. Ing. Ondřej Jankovský, Ph.D.
Vice-Dean for External Relations	Prof. Dr. Ing. Karel Bouzek
Secretary	Ing. Monika Šáchová

Faculty of Environmental Technology

Dean	Prof. Ing. Pavel Jeníček, CSc.
Vice-Dean for Education	Ing. Jan Bindzar, Ph.D.
Vice-Dean for Science and Research	Assoc. Prof. Ing. Tomáš Hlinčík, Ph.D.
Vice-Dean for External Relations	Prof. Ing. David Kubička, Ph.D., MBA
Secretary	Ing. Kateřina Šritrová

Faculty of Food and Biochemical Technology

Dean	Assoc. Prof. Ing. Aleš Rajchl, Ph.D.
Vice-Dean for Education	Assoc. Prof. Ing. Petra Lipovová, Ph.D.

Vice-Dean for Science and Research
Vice-Dean for External Relations
Secretary

Assoc. Prof. Ing. Jan Kyselka, Ph.D.
Ing. Monika Tomaniová, Ph.D.
Mgr. Blanka Morchová

Faculty of Chemical Engineering

Dean
Vice-Dean for Education
Vice-Dean for Science and Research
Vice-Dean for External Relations
Secretary

Prof. Ing. Michal Příbyl, Ph.D.
Assoc. Prof. Ing. Karel Řehák, CSc.
Assoc. Prof. RNDr. Ing. Pavel Řezanka, Ph.D.
Assoc. Prof. Ing. Pavel Hrnčířík, Ph.D.
Ing. Kamila Klaudivová, Ph.D.

c) Composition of the Scientific Board, the Board of Trustees, the Academic Senate and other bodies of the University

Scientific Board of UCT Prague

The composition of the Scientific Board of the UCT Prague was approved by the Academic Senate of the UCT Prague on 13 February 2024.

Chairman

Prof. Ing. Milan Pospíšil, CSc. Rector

Internal members

Prof. Ing. Pavel Novák, Ph.D.	Vice-Rector for Research and Development
Prof. Dr. Ing. Michaela Rumlová	Vice-Rector without portfolio (entrusted with the agenda of doctoral studies)
Assoc. Dr. Ing. Milan Jahoda	Vice-Rector for Education
Prof. Dr. RNDr. Pavel Matějka	Vice-Rector for External Relations and Communication
Prof. Ing. Petr Zámotný, Ph.D.	Dean of the FCT
Prof. Ing. Pavel Jeníček, CSc.	Dean of FET
Assoc. Prof. Ing. Aleš Rajchl, Ph.D.	Dean of FFBT
Prof. Ing. Michal Příbyl, Ph.D.	Dean of FCE
Prof. Dr. Ing. Karel Bouzek	Department of Inorganic Technology, FCT
Prof. Mgr. Daniel Svozil, Ph.D.	Department of Computer Science and Chemistry, FCT
Prof. Dr. Ing. David Sedmidubský	Department of Inorganic Chemistry, FCT
Prof. Ing. Václav Švorčík, DrSc.	Department of Solid State Engineering, FCT
Prof. Ing. Radek Cibulka, Ph.D.	Department of Organic Chemistry, FCT
Prof. Ing. Jan Bartáček, Ph.D.	Department of Water and Environmental Technology, FET

Prof. Ing. Vladimír Kočí, Ph.D.	Department of Sustainability and Product Ecology, FET
Prof. Ing. David Kubička, Ph.D., MBA	Institute of Sustainable Fuels and Green Chemistry, FET
Prof. Ing. Jana Hajšlová, CSc.	Department of Food Analysis and Nutrition, FFBT
Prof. Ing. Bc. Ondřej Uhlík, Ph.D.	Department of Biochemistry and Microbiology, FFBT
Prof. Ing. Karel Melzoch, CSc.	Department of Biotechnology, FFBT
Prof. Ing. Tomáš Ruml, CSc.	Department of Biochemistry and Microbiology, FFBT
Prof. Ing. Martin Fusek, CSc.	Department of Biochemistry and Microbiology, FFBT
Prof. Ing. Miroslav Šoóš, Ph.D.	Department of Chemical Engineering, FCE
Prof. RNDr. Petr Slavíček, Ph.D.	Department of Physical Chemistry, FCE
Prof. Ing. Jan Mareš, Ph.D.	Department of Mathematics, Informatics and Cybernetics, FCE
Assoc. Prof. Ing. Bohumil Dolenský, Ph.D.	Department of Analytical Chemistry, FCE
<i>External members</i>	
Prof. RNDr. Libor Grubhoffer, CSc.	Director of the Biological Centre of the CAS
Assoc. Prof. Ing. Tomáš Herink, Ph.D.	ORLEN Unipetrol, a. s.
Prof. RNDr. Jan Konvalinka, CSc.	Director of the IOCB
Prof. Ing. Petr Konvalinka, CSc.	Chairman of TA ČR, CTU
Ing. Martin Kubů	Agrofert, a. s.
Mgr. Aleš Laciok, MBA, FEng.	ČEZ, a. s.
Prof. RNDr. Patrik Španěl, Dr. Rer. Nat.	J. Heyrovsky Department of Physical Chemistry of the CAS, v. v. i.
Ing. Pavel Chudoba, CSc.	VEOLIA
Ing. Pavel Šebek, CSc.	ZENTIVA
Prof. Mgr. Tomáš Kašparovský, PhD.	Dean of the Faculty of Science, Masaryk University
Prof. Ing. Libor Čapek, Ph.D.	Rector of the University of Pardubice
Prof. Ing. Martin Weiter, Ph.D.	Vice-Rector for Research and Knowledge Transfer of the BUT, member of the RWI
Prof. RNDr. Markéta Martínková, Ph.D.	Vice-Rector for Student Affairs of Charles University
Prof. Ing. Anton Gatíal, DrSc.	Dean of the Faculty of Chemical and Food Technology of STU in Bratislava
Prof. Ing. Jiří Homola, CSc., DSc.	Institute of Photonics and Electronics of the CAS, v. v. i.
Board of Trustees of UCT Prague	
Ing. Zdena Čermáková, Ph.D.	Chairwoman (from 7 April 2024)

Mgr. Jan Duspěva	Chairman (until 6 April 2024), Vice-Chairman (from 7 April 2024)
Prof. RNDr. Eva Zažímalová, CSc.	Vice-Chairperson
Assoc. Prof. Ing. Jiří Krechl, CSc.	Vice-Chairman (until 6 April 2024)
Ing. Petr Knapp	
Ing. arch. Bohumil Beránek	
Prof. Ing. Jiří Drahoš, DrSc.	
Ing. Josef Láska, MBA	
Ing. Bohdan Wojnar	

Academic Senate of UCT Prague (until 31 January 2024)

Academic staff

Prof. Ing. Radek Cibulka, Ph.D.	Chairman
Assoc. Prof. Ing. Petra Lovecká, Ph.D.	Vice-Chairwoman
RNDr. Pavel Pokorný, Ph.D.	Vice-Chairman
Assoc. Ing. Milan Kouřil, Ph.D.	
Assoc. Prof. Ing. Kateřina Rubešová, Ph.D.	
Assoc. Prof. Ing. Miloslav Lhotka, Ph.D.	
Assoc. Prof. Ing. Luděk Jelínek, Ph.D.	
Assoc. Prof. Ing. Jan Mareš, Ph.D.	
Prof. Ing. Karel Friess, Ph.D.	
Ing. Svatopluk Henke, Ph.D.	
Assoc. Prof. Ing. Petra Lovecká, Ph.D.	
Ing. Lukáš Matějovský, Ph.D.	
Ing. Jan Pivoňka, Ph.D.	
Ing. Lucie Pokorná, Ph.D.	
Ing. Martin Staš, Ph.D.	
Ing. Michal Stupák, Ph.D.	
Ing. Petra Šimonová	
Ing. Karel Šteker, Ph.D.	
Assoc. Ing. Lenka Švecová, Ph.D.	

Student section

Ing. Miroslav Hala	Vice-Chairman
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Bc. Matěj Drahník	
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Bc. Jakub Halbrštát	
Ing. Petr Lodňánek	
Ing. Lucie Mašková	
Bc. Karolína Slonková	

Academic Senate of UCT Prague (from 1 February 2024)

Academic staff

Prof. Ing. Radek Cibulka, Ph.D.	Chairman
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Student section

Ing. Petra Šimonová	Vice-Chairwoman
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Assoc. Prof. Ing. Petra Lovecká, Ph.D.	Vice-Chairwoman	Bc. Kryštof Frank
RNDr. Pavel Pokorný, Ph.D.	Vice-Chairman	Ing. Lucie Mašková (until 16. 9. 2024)
Assoc. Prof. Ing. Milan Kouřil, Ph.D.		Ing. Petr Lodňánek (until 20 May 2024)
Assoc. Prof. Ing. Kateřina Rubešová, Ph.D.		Ing. Matěj Malý
Assoc. Prof. Ing. Miloslav Lhotka, Ph.D.		Bc. Jakub Halbrštát
Assoc. Prof. Ing. Luděk Jelínek, Ph.D.		Ing. Jakub Staš (until 16 September 2024)
Assoc. Prof. Ing. Jan Mareš, Ph.D.		Ing. Vojtěch Domín
Prof. Ing. Karel Friess, Ph.D.		Viktor Selyshev
Ing. Lucie Pokorná, Ph.D.		Günes Berkcan Göksoy (from 21 May 2024 to 16 September 2024)
Ing. Martin Staš, Ph.D.		Ing. Lukáš Sauer (from 17 September 2024)
Ing. Lukáš Matějovský, Ph.D.		Ing. Annelie Kadlecová (from 8. 10. 2024)
Ing. Jan Pivoňka, Ph.D.		
Ing. Michal Stupák, Ph.D.		
Prof. Dr. RNDr. David Sýkora		
Assoc. Prof. Ing. Lenka Švecová, Ph.D.		
Ing. Karel Šteker, Ph.D.		
Ing. Svatopluk Henke, Ph.D.		

Internal Quality Assessment Board of the UCT Prague

Prof. Ing. Milan Pospíšil, CSc. (from 1 January 2024)	Chairman
Assoc. Prof. Dr. Ing. Milan Jahoda (from 14. 2. 2024)	Vice-Chairman
Prof. Ing. Radek Cibulka, Ph.D.	
Prof. Ing. Michal Příbyl, Ph.D.	
Prof. Ing. Vladimír Kočí, Ph.D.	
Prof. Ing. Jan Masák, CSc.	
Prof. Dr. Ing. Karel Bouzek	
Prof. RNDr. Marie Urbanová, CSc.	
Assoc. Prof. Ing. Pavel Čapek, CSc.	
Prof. Ing. Jana Hajšlová, CSc.	
Prof. Ing. Václav Janda, CSc.	
Ing. Karel Fous	
Assoc. Prof. RNDr. Josef Cvačka, Ph.D.	
Ing. Veronika Kramaříková, MBA	
Ing. Ivan Souček, Ph.D.	

d) From university representation in the representation of universities

Czech Rectors Conference

Prof. Ing. Milan Pospíšil, CSc.

Council of Higher Education Institutions

Assoc. Prof. Ing. Lenka Švecová, Ph.D.

Member of the Board

Prof. Ing. Radek Cibulka, Ph.D.

Delegate for the University

Ing. Zita Holík Purkrtová, Ph.D.

FFBT

Assoc. Prof. Ing. Luděk Jelínek, Ph.D.

FET

Ing. Přemysl Fitl, Ph.D.

FCE

Prof. Ing. Aleš Helebrant, CSc.

FCT

Student Chamber of the Council of HEIs

Ing. Miroslav Hala

Ing. Annelie Kadlecová

Alternate

Tables

Table 2.1: Accredited study programs (number)										
UCT Prague		Bachelor's program		Master's program		Follow-up master's program		Doctoral program		TOTAL
		FT	PT/D	FT	PT/D	FT	PT/D	FT	PT/D	
<i>FCT</i>										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02	1								1
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05	3				3		11	11	28
Information and communication technologies	06					1				1
Technology, manufacturing, and civil engineering	07	8				8		12	12	40
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCT total	X	12	0	0	0	12	0	23	23	70
<i>FET</i>										
ISCED-F broad fields	kód									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	5				8		8	8	29
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FET total	X	5	0	0	0	8	0	8	8	29
<i>FFBT</i>										
ISCED-F broad fields	kód									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05	4				7		12	12	35
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	2				3		9	9	23
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FFBT total	X	6	0	0	0	10	0	21	21	58
<i>FCE</i>										
ISCED-F broad fields	kód									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05	3				7		7	7	24
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	4				2		9	9	24
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCE total	X	7	0	0	0	9	0	16	16	48
<i>Study across faculties</i>										
ISCED-F broad fields	kód									
General programs and qualifications	00									0
Education and training	01					1				1
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04	3				2	1			6
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07									0
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
Total study across faculties	X	3	0	0	0	3	1	0	0	7
<i>UCT Prague</i>										
ISCED-F broad fields	kód									
General programs and qualifications	00	0	0	0	0	0	0	0	0	0
Education and training	01	0	0	0	0	1	0	0	0	1
Arts and humanities	02	1	0	0	0	0	0	0	0	1
Social sciences, journalism, and information sciences	03	0	0	0	0	0	0	0	0	0
Business, administration, and law	04	3	0	0	0	2	1	0	0	6
Natural sciences, mathematics, and statistics	05	10	0	0	0	17	0	30	30	87
Information and communication technologies	06	0	0	0	0	1	0	0	0	1
Technology, manufacturing, and civil engineering	07	19	0	0	0	21	0	38	38	116
Agriculture, forestry, fishing, and veterinary medicine	08	0	0	0	0	0	0	0	0	0
Health and welfare, environmental protection	09	0	0	0	0	0	0	0	0	0
Services	10	0	0	0	0	0	0	0	0	0
UCT TOTAL	X	33	0	0	0	42	1	68	68	212

FT = Full-time PT/D = Part-time / distance
Note: * = A faculty or another university unit delivering an accredited study program

Table 2.2: Foreign language study programs (number)										
UCT Prague		Bachelor's program		Master's program		Follow-up master's program		Doctoral program		TOTAL
		FT	PT/D	FT	PT/D	FT	PT/D	FT	PT/D	
FCT										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05					1		5	5	11
Information and communication technologies	06					1				1
Technology, manufacturing, and civil engineering	07	1				3		5	5	14
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCT total	X	1	0	0	0	5	0	10	10	26
FET										
ISCED-F broad fields	kód									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	1				2		3	3	9
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FET total	X	1	0	0	0	2	0	3	3	9
FFBT										
ISCED-F broad fields	kód									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05							6	6	12
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	1				1		4	4	10
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FFBT total	X	1	0	0	0	1	0	10	10	22
FCE										
ISCED-F broad fields	kód									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05							3	3	6
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	1				3		4	4	12
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCE total	X	1	0	0	0	3	0	7	7	18
Study across faculties										
ISCED-F broad fields	kód									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04	2				1				3
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07									0
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
Total study across faculties	X	2	0	0	0	1	0	0	0	3
UCT Prague										
ISCED-F broad fields	kód									
General programs and qualifications	00	0	0	0	0	0	0	0	0	0
Education and training	01	0	0	0	0	0	0	0	0	0
Arts and humanities	02	0	0	0	0	0	0	0	0	0
Social sciences, journalism, and information sciences	03	0	0	0	0	0	0	0	0	0
Business, administration, and law	04	2	0	0	0	1	0	0	0	3
Natural sciences, mathematics, and statistics	05	0	0	0	0	1	0	14	14	29
Information and communication technologies	06	0	0	0	0	1	0	0	0	1
Technology, manufacturing, and civil engineering	07	4	0	0	0	9	0	16	16	45
Agriculture, forestry, fishing, and veterinary medicine	08	0	0	0	0	0	0	0	0	0
Health and welfare, environmental protection	09	0	0	0	0	0	0	0	0	0
Services	10	0	0	0	0	0	0	0	0	0
UCT TOTAL	X	6	0	0	0	12	0	30	30	78

FT = Full-time PT/D = Part-time / distance
Note: * = A faculty or another university unit delivering an accredited study program

Table 2.3: Joint, double, multiple degree study programs delivered together with a foreign university	
Title of program 1	Sustainability and Environmental Engineering
Partner organizations	University of Applied Sciences and Arts Northwestern Switzerland FHNW
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	65
Title of program 2	Synthesis and Manufacturing of Pharmaceuticals, Specialization Manufacturing of Pharmaceuticals / Life Sciences, Specialization Pharmatechnology or Chemistry
Partner organizations	University of Applied Sciences and Arts Northwestern Switzerland
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	0
Title of program 3	Biotechnology of Pharmaceuticals / Master of Science in Life Sciences
Partner organizations	University of Applied Sciences and Arts Northwestern Switzerland
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	2
Title of program 4	Double Master Degree
Partner organizations	ENSCR (École Nationale Supérieure de Chimie Rennes), France
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	0
Title of program 5	Master of Science in Biotechnology and Food Science / and Laurea Magistrale in Molecular and Industrial Biotechnology
Partner organizations	University of Insubria
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	0
Title of program 6	Chemical Engineering and Bioengineering / Chemical Engineering and Biotechnological Processes
Partner organizations	Università degli studi di Cagliari
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	10
Title of program 7	Cybernetics in Chemical and Food Technologies
Partner organizations	Slovak University of Technology in Bratislava
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	0
Title of program 8	Chemistry, specialization: Organic chemistry / Transition Metals in Molecular Chemistry (T2MC)
Partner organizations	Université Bourgogne Franche-Comté
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	1
Title of program 9	Erasmus Mundus International Master in Environmental Technology and Engineering (IMETE-C)
Partner organizations	IHE Delft, Gent University
Associated organizations	
Program category (joint, double, multiple degree)	Erasmus Mundus Joint Masters - Joint Degree
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	44
Title of program 10	International Master in Technology and Management for Circular Economy (IMATEC)
Partner organizations	University of Oviedo, Abo Akademi University
Associated organizations	
Program category (joint, double, multiple degree)	Erasmus Mundus Joint Masters - Multiple Degree
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	44
Title of program 11	Master in Membrane Engineering for Sustainable Development (MESD)
Partner organizations	Université de Montpellier, Université Paul Sabatier Toulouse III, Universidade Nova de Lisboa, Universidad de Zaragoza, University of Twente, KU Leuven, Università della Calabria
Associated organizations	
Program category (joint, double, multiple degree)	Erasmus Mundus Joint Masters - Joint Degree
Program type (bachelor's, master's, follow-up master's, doctoral)	Master's
Active enrollments as at December 31	31
Title of program 12, 13	Chemie a chemické technologie / Chemistry and Chemical Technologies (FCT)
Partner organizations	Slovak University of Technology in Bratislava; KU Leuven
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	0
Title of program 14, 15	Chemie a technologie materiálů / Chemistry and Technology of Materials (FCT)
Partner organizations	ENSC Lille; Normandie Université; Università Politecnica delle Marche
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	2
Title of program 16, 17	Chemie / Chemistry (FCT)
Partner organizations	Normandie Université; Universität Regensburg; Université Bourgogne Franche-Comté; KU Leuven
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	1
Title of program 18, 19	Chemie a technologie ochrany životního prostředí / Environmental Chemistry and Technology (FET)
Partner organizations	ENSCR Rennes, KU Leuven
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	3
Title of program 20, 21	Biotechnologie / Biotechnology (FFBT)
Partner organizations	Slovak University of Technology in Bratislava
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	0
Title of program 22, 23	Biochemie a bioorganická chemie / Biochemistry and Bioorganic Chemistry (FFBT)
Partner organizations	ENSCR Rennes; UI Tromsø
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	0
Title of program 24, 25	Chemické a procesní inženýrství / Chemical and Process Engineering (FCE)
Partner organizations	KU Leuven
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	3
Title of program 26, 27	Chemie/ Analytical and Physical Chemistry (FCE)
Partner organizations	ENSCR Rennes, Universität Regensburg, Université Bourgogne Franche-Comté, KU Leuven, UI Tromsø
Associated organizations	
Program category (joint, double, multiple degree)	Double
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	0

Summary information for Table 2.3					
UCT Prague	Bachelor's program	Master's program	Follow-up master's program	Doctoral program	Total
Study programs			11	16	27
Active enrollments in the listed programs			197	9	206

Table 2.4: Accredited study programs delivered jointly with another university or public research institution* based in the Czech Republic	
UCT Prague	
Title of program 1, 2	Chemie / Chemistry (FCT) P1417
ISCED-F broad field	0531
Partner university / institution*	Czech Academy of Sciences (CAS)
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	9
Title of program 3, 4	Chemie P0531D130017/ Chemistry P0531D130018 (FCT)
ISCED-F broad field	0531
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	74
Title of program 5, 6	Chemie a technologie materiálů /Chemistry and Technology of Materials P2833
ISCED-F broad field	0711
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	6
Title of program 7, 8	Chemie a technologie materiálů P0711D130007 / Chemistry and Technology of Materials P0711D130008
ISCED-F broad field	0711
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	53
Title of program 9, 10	Chemie a chemické technologie / Chemistry and Chemical Technologies P2832
ISCED-F broad field	0711
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	2
Title of program 11, 12	Chemie a chemické technologie P0711D130005 / Chemistry and Chemical Technologies P0711D130006
ISCED-F broad field	0711
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	39
Title of program 13, 14	Syntéza a výroba léčiv / Synthesis and Production of Drugs (FCT) P2824
ISCED-F broad field	0711
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	20
Title of program 15, 16	Léčiva a biomateriály P0531D130072 / Drugs and biomaterials P0531D130073 (FCT, FCE)
ISCED-F broad field	0531
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	24
Title of program 17, 18	Bioinformatika P0588D030009/ Bioinformatics P0588D030010
ISCED-F broad field	0588
Partner university / institution*	Czech Academy of Sciences, Czech Technical University
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	22
Title of program 19	Conservation Sciences in Protection of Tangible Cultural Heritage P0531D130067
ISCED-F broad field	0531
Partner university / institution*	University of Pardubice
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	6
Title of program 20, 21	Chemie / Chemistry (FFBT) P1417
ISCED-F broad field	0531
Partner university / institution*	Czech Academy of Sciences, Institute of Hematology and Blood Transfusion of the Ministry of Health of the Czech Republic, Crop Research Institute
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	20
Title of program 22, 23	Mikrobiologie / Microbiology P1528
ISCED-F broad field	0511
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	6
Title of program 24, 25	Biochemie a biotechnologie / Biochemistry and Biotechnology P2836
ISCED-F broad field	0512
Partner university / institution*	Czech Academy of Sciences, Crop Research Institute
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	3
Title of program 26, 27	Chemie a technologie potravin/Food Chemistry and Technology P2906
ISCED-F broad field	0721
Partner university / institution*	CAS, Crop Research Institute, Food Research Institute Prague
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	11
Title of program 28, 29	Mikrobiologie P0511D130021 / Microbiology P0511D130022
ISCED-F broad field	0511
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	26
Title of program 30, 31	Biotechnologie P0711D130019 /Biotechnology P0711D130020
ISCED-F broad field	0711
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	30
Title of program 32, 33	Biochemie a bioorganická chemie P0512D130009 / Biochemistry and bioorganic chemistry P0512D130010
ISCED-F broad field	0512
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	51
Title of program 34, 35	Biotechnologie léčiv (P0512D130018) / Biotechnology of Pharmaceuticals (P0512D130019)
ISCED-F broad field	0512
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	0
Title of program 36, 37	Chemie / Chemistry (FCE) P1417
ISCED-F broad field	0531
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	9
Title of program 38, 39	Chemické a procesní inženýrství / Chemical and Process Engineering P2837
ISCED-F broad field	0711
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	11
Title of program 40, 41	Syntéza a výroba léčiv / Synthesis and Production of Drugs (FCE) P2824
ISCED-F broad field	0711
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	10
Title of program 42, 43	Chemie P0531D130021 / Chemistry P0531D130022
ISCED-F broad field	0531
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	41
Title of program 44, 45	Chemické a procesní inženýrství P0711D130015 / Chemical and Process Engineering P0711D130016
ISCED-F broad field	0711
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	61
Title of program 46, 47	Molekulární chemická fyzika a senzorika P0531D130027/ Molecular Chemical Physics and Sensorics P0531D130028
ISCED-F broad field	0531
Partner university / institution*	Czech Academy of Sciences
Program type (bachelor's, master's, follow-up master's, doctoral)	Doctoral
Active enrollments as at December 31	35

Note: * = For example, accredited study programs delivered together with CAS or other public research institutions based in the Czech Republic

Summary information for Table 2.4					
	Bachelor's program	Master's program	Follow-up master's program	Doctoral program	Total
UCT Prague					
Study programs	0		0	47	47
Active enrollments in the listed programs	0		0	569	569

Table 2.5: Accredited study programs delivered jointly with a tertiary technical school	
UCT Prague	
Title of program 1	Conservation and Restoration of Historical Artworks
ISCED-F broad field	02
Partner tertiary technical school	Akademie - VOŠ, Gymn. a SOŠUP Světlá nad Sázavou, Vyšší odborná škola textilních řemesel a Střední umělecká škola řemesel, Střední uměleckoprůmyslová škola a Vyšší odborná škola Turnov
Program type (bachelor's, master's, follow-up master's, doctoral)	Bachelor's
Active enrollments as at December 31	57

Summary information for Table 2.5					
	Bachelor's program	Master's program	Follow-up master's program	Doctoral program	Total
UCT Prague					
Study programs	1	0	0	0	1
Active enrollments in the listed programs	57	0	0	0	57

Table 2.6: Lifelong learning (LLL) university courses (number of courses delivered)									
UCT Prague		Professionally oriented courses			Interest-oriented courses				
		Up to 15 lessons	16 to 100 lessons	Over 100 lessons	Up to 15 lessons	16 to 100 lessons	Over 100 lessons	U3A	TOTAL
ISCED-F broad fields	Code								
General programs and qualifications	00				1				1
Education and training	01		3	3	1	34			41
Arts and humanities	02		2			7	10		19
Social sciences, journalism, and information sciences	03					1	1		2
Business, administration, and law	04			2	2	11	5		20
Natural sciences, mathematics, and statistics	05		1		3	10	1	5	20
Information and communication technologies	06				1			4	5
Technology, manufacturing, and civil engineering	07		1	1	11	30	1	6	50
Agriculture, forestry, fishing, and veterinary medicine	08								0
Health and welfare, environmental protection	09								0
Services	10				1				1
TOTAL	X	0	7	6	20	93	18	15	159

Table 2.7: Lifelong learning (LLL) university courses (number of enrolled students)

UCT Prague		Professionally oriented courses			Interest-oriented courses			U3A	TOTAL*	Including students admitted to study program in accordance with Section 60 of the Higher Education Act
		Up to 15 lessons	16 to 100 lessons	Over 100 lessons	Up to 15 lessons	16 to 100 lessons	Over 100 lessons			
ISCED-F broad fields	Code									
General programs and qualifications	00				150				150	
Education and training	01		42	41		520			603	
Arts and humanities	02		17			115	395	1	528	
Social sciences, journalism, and information sciences	03					2	13		15	
Business, administration, and law	04			21	26	114	38		199	
Natural sciences, mathematics, and statistics	05		112		19	198		90	419	
Information and communication technologies	06							77	77	
Technology, manufacturing, and civil engineering	07		39	9	38	151		88	325	
Agriculture, forestry, fishing, and veterinary medicine	08								0	
Health and welfare, environmental protection	09								0	
Services	10								0	
TOTAL*	X	0	210	71	233	1100	446	256	2316	

Note: * = Because the figure includes students that may be enrolled in multiple courses, the total may not be equal to the sum of the preceding lines or columns. It reflects the actual total number enrolled students, where one person may be included more than once.

Table 2.8: Lifelong learning (LLL) university courses (number of courses and enrolled students) – microcredentials									
University (name)		Number of courses			TOTAL	Number of enrolled students			TOTAL*
		Professionally oriented courses	Interest-oriented courses	U3A		Professionally oriented courses	Interest-oriented courses	U3A	
ISCED-F broad fields	Code								
General programs and qualifications	00				0				
Education and training	01				0				
Arts and humanities	02				0				
Social sciences, journalism, and information sciences	03				0				
Business, administration, and law	04	2			2	21			21
Natural sciences, mathematics, and statistics	05				0				
Information and communication technologies	06				0				
Technology, manufacturing, and civil engineering	07	2			2	48			48
Agriculture, forestry, fishing, and veterinary medicine	08				0				
Health and welfare, environmental protection	09				0				
Services	10				0				
TOTAL*	X	4	0	0	4	69	0	0	69

Note: * = Because the total number of students includes persons who may be enrolled in multiple courses, the total may not be equal to the sum of the preceding lines or columns. It reflects the actual total number enrolled students, where one person may be included more than once.

Table 3.1: Students in accredited study programs (enrollments)										
UCT Prague		Bachelor's program		Master's program		Follow-up master's program		Doctoral program		TOTAL
		FT	PT/D	FT	PT/D	FT	PT/D	FT	PT/D	
FCT										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02	57								57
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05	41				39		95	37	212
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	513				250		71	51	885
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCT total	X	611	0	0	0	289	0	166	88	1154
Including female students at FCT	X	362				138		74	44	618
Including foreign nationals at FCT	X	116				65		44	24	249
FET										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	129				189		45	58	421
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FET total	X	129	0	0	0	189	0	45	58	421
Including female students at FET	X	62				103		25	30	220
Including foreign nationals at FET	X	25				100		12	10	147
FFBT										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05	646				193		86	44	969
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	42				86		30	28	186
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FFBT total	X	688	0	0	0	279	0	116	72	1155
Including female students at FFBT	X	511				196		67	39	813
Including foreign nationals at FFBT	X	130				41		23	21	215
FCE										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05	350				110		69	20	549
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	219				139		76	32	466
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCE total	X	569	0	0	0	249	0	145	52	1015
Including female students at FCE	X	272				127		47	19	465
Including foreign nationals at FCE	X	123				59		30	16	228
Study across faculties										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01					29				29
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04	377				135	24			536
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07									0
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
Total study across faculties	X	377	0	0	0	164	24	0	0	565
Including female students	X	220				91	11			322
Including foreign nationals	X	218				70	10			298
UCT Prague										
ISCED-F broad fields	Code									
General programs and qualifications	00	0	0	0	0	0	0	0	0	0
Education and training	01	0	0	0	0	29	0	0	0	29
Arts and humanities	02	57	0	0	0	0	0	0	0	57
Social sciences, journalism, and information sciences	03	0	0	0	0	0	0	0	0	0
Business, administration, and law	04	377	0	0	0	135	24	0	0	536
Natural sciences, mathematics, and statistics	05	1037	0	0	0	342	0	250	101	1730
Information and communication technologies	06	0	0	0	0	0	0	0	0	0
Technology, manufacturing, and civil engineering	07	903	0	0	0	664	0	222	169	1958
Agriculture, forestry, fishing, and veterinary medicine	08	0	0	0	0	0	0	0	0	0
Health and welfare, environmental protection	09	0	0	0	0	0	0	0	0	0
Services	10	0	0	0	0	0	0	0	0	0
UCT TOTAL	X	2374	0	0	0	1170	24	472	270	4310
Including total female students	X	1427	0	0	0	655	11	213	132	2438
Including total foreign nationals	X	612	0	0	0	335	10	109	71	1137

Note: * = A faculty or another university unit delivering an accredited study program
FT = Full-time
PT/D = Part-time / distance

Table 3.2: Self-paying students** (enrollments)										
UCT Prague		Bachelor's program		Master's program		Follow-up master's program		Doctoral program		TOTAL
		FT	PT/D	FT	PT/D	FT	PT/D	FT	PT/D	
FCT										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05					2		7		9
Information and communication technologies	06									
Technology, manufacturing, and civil engineering	07	10				4		4	2	20
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCT total	X	10	0	0	0	6	0	11	2	29
FET										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	1				3				4
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FET total	X	1	0	0	0	3	0	0	0	4
FFBT										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05							2		2
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	19				7		2	1	29
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FFBT total	X	19	0	0	0	7	0	4	1	31
FCE										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05							4		4
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	20				3		3	2	28
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCE total	X	20	0	0	0	3	0	7	2	32
Study across faculties										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04	57				41				98
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07									0
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
Total study across faculties	X	57	0	0	0	41	0	0	0	98
UCT Prague										
ISCED-F broad fields	Code									
General programs and qualifications	00	0	0	0	0	0	0	0	0	0
Education and training	01	0	0	0	0	0	0	0	0	0
Arts and humanities	02	0	0	0	0	0	0	0	0	0
Social sciences, journalism, and information sciences	03	0	0	0	0	0	0	0	0	0
Business, administration, and law	04	57	0	0	0	41	0	0	0	98
Natural sciences, mathematics, and statistics	05	0	0	0	0	2	0	13	0	15
Information and communication technologies	06	0	0	0	0	0	0	0	0	0
Technology, manufacturing, and civil engineering	07	50	0	0	0	17	0	9	5	81
Agriculture, forestry, fishing, and veterinary medicine	08	0	0	0	0	0	0	0	0	0
Health and welfare, environmental protection	09	0	0	0	0	0	0	0	0	0
Services	10	0	0	0	0	0	0	0	0	0
UCT TOTAL	X	107	0	0	0	60	0	22	5	194

Note: * = A faculty or another university unit delivering an accredited study program

Note: **= Self-paying students pay the full tuition fees applicable to their course delivered in a foreign language. The university does not include these students in figures

FT = Full-time

PT/D = Part-time / distance

Table 3.3: First year** academic failure* (%)

UCT Prague	Bachelor's program			Master's program			Follow-up master's program			Doctoral program			TOTAL
	FT	PT/D	TOTAL	FT	PT/D	TOTAL	FT	PT/D	TOTAL	FT	PT/D	TOTAL	
<i>FCT</i>	58,0%		58,0%				13,6%		13,6%	13,6%	0,0%	11,5%	44,0%
<i>FET</i>	49,2%		49,2%				12,8%		12,8%	33,3%	10,0%	22,7%	26,6%
<i>FFBT</i>	55,3%		55,3%				5,9%		5,9%	15,6%	50,0%	17,7%	40,2%
<i>FCE</i>	50,7%		50,7%				10,9%		10,9%	4,7%	0,0%	4,4%	35,2%
<i>Study across faculties</i>	38,8%		38,8%				38,0%		38,0%				38,5%
UCT TOTAL	52,3%		52,3%				15,6%		15,6%	13,0%	9,0%	12,4%	38,7%

Note: * = Academic failure refers to the percentage of students enrolled in calendar year 'n' and the sum of students in this cohort who fail in calendar years 'n' and 'n+1'. See Methodology.

Note: ** = Including all students enrolled to study at a given university in calendar year 'n', regardless of whether or not it is their first university enrollment.

Note: *** = A faculty or another university unit delivering an accredited study program.

FT = Full-time

PT/D = Part-time / distance

The TOTAL is neither a sum nor average of the preceding values (i.e. for FT and PT/D in certain study program). Calculation must to be done separately for each field in the table.

Example:

In 2021 (January 1 to December 31), 500 full-time students were enrolled in bachelor's programs at the faculty. In the same and the following years, 180 failed. Academic failure in this cohort in the first year is equal to $180/500=0.36$, i.e. 36%.

Table 3.4: Scholarships* according to purpose (number of students)		
UCT Prague		
Purpose of scholarship	Number of students	Average scholarship value**
Outstanding academic performance as per Section 91, Paragraph 2, Subsection a)	702	15 971
Outstanding scientific, research, development, artistic, or other creative achievements as per Section 91, Paragraph 2, Subsection b)	31	46 452
Research, development, and innovation as per specific legislation, Section 91, Paragraph 2, Subsection c)	1406	26 129
Social need as per Section 91, Paragraph 2, Subsection d)	215	2 922
Social need as per Section 91, Paragraph 3	9	38 557
Special considerations as per Section 91, Paragraph 2, Subsection e)	3288	12 540
Including accommodation allowance	2897	5 866
Study abroad as per Section 91, Paragraph 4, Subsection a)	397	59 831
Support for study in the Czech Republic as per Section 91, Paragraph 4, Subsection b)	34	24 783
Doctoral study programs as per Section 91, Paragraph 4, Subsection c)	688	109 717
Other scholarships	583	5 995
TOTAL***	3688	52 921

Note: * = Regardless of the source of funding, excluding funds from MEYS.

Note: ** = The ratio of the total sum paid for a given scholarship type in a year and the total number of persons who receive at least one scholarship in that year. If a person receives several scholarships, the person is included only once, but the calculation includes the total amount paid to such a person.

Note: *** = Because the figure includes recipients of more than one scholarship, the total is equal to the actual number of students as opposed to being the sum of the preceding columns.

Example: In a given year, the university disburses CZK 15,000 in total scholarships to students for excellent academic achievements in accordance with Section 91, Paragraph 2, Subsection a). Scholarships are awarded to three students; two receive it on one and one on three occasions. The average value of the scholarship is equal to CZK 5,000 (= 15,000/3).

Table 4.1: Graduates from accredited study programs (number of completed programs)										
		Bachelor's program		Master's program		Follow-up master's program		Doctoral program		TOTAL
		FT	PT/D	FT	PT/D	FT	PT/D	FT	PT/D	
UCT Prague										
FCT										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02	8								8
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05	2				18		1	15	36
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	141				150		10	33	334
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCT total	X	151	0	0	0	168	0	11	48	378
Including female students at FCT	X	84				79		6	24	193
Including foreign nationals at FCT	X	15				17		2	9	43
FET										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	39				93		2	15	149
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FET total	X	39	0	0	0	93	0	2	15	149
Including female students at FET	X	18				48			8	74
Including foreign nationals at FET	X	3				26			4	33
FFBT										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05	94				102		6	26	228
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	39				60		1	24	124
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FFBT total	X	133	0	0	0	162	0	7	50	352
Including female students at FFBT	X	97				120		4	26	247
Including foreign nationals at FFBT	X	10				24		1	5	40
FCE										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04									0
Natural sciences, mathematics, and statistics	05	73				44		2	16	135
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07	90				98		5	17	210
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
FCE total	X	163	0	0	0	142	0	7	33	345
Including female students at FCE	X	75				67		4	14	160
Including foreign nationals at FCE	X	21				30		2	4	57
Study across faculties										
ISCED-F broad fields	Code									
General programs and qualifications	00									0
Education and training	01									0
Arts and humanities	02									0
Social sciences, journalism, and information sciences	03									0
Business, administration, and law	04	53				70				123
Natural sciences, mathematics, and statistics	05									0
Information and communication technologies	06									0
Technology, manufacturing, and civil engineering	07									0
Agriculture, forestry, fishing, and veterinary medicine	08									0
Health and welfare, environmental protection	09									0
Services	10									0
Total study across faculties	X	53	0	0	0	70	0	0	0	123
Including female students	X	26				44				70
Including foreign nationals	X	8				14				22
UCT Prague										
ISCED-F broad fields	Code									
General programs and qualifications	00	0	0	0	0	0	0	0	0	0
Education and training	01	0	0	0	0	0	0	0	0	0
Arts and humanities	02	8	0	0	0	0	0	0	0	8
Social sciences, journalism, and information sciences	03	0	0	0	0	0	0	0	0	0
Business, administration, and law	04	53	0	0	0	70	0	0	0	123
Natural sciences, mathematics, and statistics	05	169	0	0	0	164	0	9	57	399
Information and communication technologies	06	0	0	0	0	0	0	0	0	0
Technology, manufacturing, and civil engineering	07	309	0	0	0	401	0	18	89	817
Agriculture, forestry, fishing, and veterinary medicine	08	0	0	0	0	0	0	0	0	0
Health and welfare, environmental protection	09	0	0	0	0	0	0	0	0	0
Services	10	0	0	0	0	0	0	0	0	0
UCT TOTAL	X	539	0	0	0	635	0	27	146	1347
Including total female students	X	300	0	0	0	358	0	14	72	744
Including total foreign nationals	X	57	0	0	0	111	0	5	22	195

FT = Full-time, PT/D = Part-time / distance; the figures refer to successfully completed programs, as opposed to students, during January 1 to December 31.
Note: * = A faculty or another university unit delivering an accredited study program.

Table 5.1: Demand for university enrollment																	
		Bachelor's program				Master's program				Follow-up master's program				Doctoral program			
		Applicants (persons)	Applications	Admissions	Registrations	Applicants (persons)	Applications	Admissions	Registrations	Applicants (persons)	Applications	Admissions	Registrations	Applicants (persons)	Applications	Admissions	Registrations
UCT Prague																	
FCT																	
ISCED-F broad fields	Code																
General programs and qualifications	00																
Education and training	01																
Arts and humanities	02	39	39	26	20												
Social sciences, journalism, and information sciences	03																
Business, administration, and law	04																
Natural sciences, mathematics, and statistics	05	54	54	41	22					52	53	37	22	49	50	42	41
Information and communication technologies	06																
Technology, manufacturing, and civil engineering	07	789	903	632	257					182	214	179	130	32	36	27	26
Agriculture, forestry, fishing, and veterinary medicine	08																
Health and welfare, environmental protection	09																
Services	10																
FCT total	X	858	996	699	299		0	0	0	213	267	216	152	80	86	69	67
FET																	
ISCED-F broad fields	kód																
General programs and qualifications	00																
Education and training	01																
Arts and humanities	02																
Social sciences, journalism, and information sciences	03																
Business, administration, and law	04																
Natural sciences, mathematics, and statistics	05																
Information and communication technologies	06																
Technology, manufacturing, and civil engineering	07	145	165	136	67					385	408	114	91	32	32	24	22
Agriculture, forestry, fishing, and veterinary medicine	08																
Health and welfare, environmental protection	09																
Services	10																
FET total	X	145	165	136	67		0	0	0	385	408	114	91	32	32	24	22
FFBT																	
ISCED-F broad fields	kód																
General programs and qualifications	00																
Education and training	01																
Arts and humanities	02																
Social sciences, journalism, and information sciences	03																
Business, administration, and law	04																
Natural sciences, mathematics, and statistics	05	1 050	1 162	888	374					185	255	177	89	37	37	34	28
Information and communication technologies	06																
Technology, manufacturing, and civil engineering	07	20	20	8	14					73	74	45	35	14	15	8	7
Agriculture, forestry, fishing, and veterinary medicine	08																
Health and welfare, environmental protection	09																
Services	10																
FFBT total	X	1 069	1 182	896	388		0	0	0	232	329	222	124	51	52	42	35
FCE																	
ISCED-F broad fields	kód																
General programs and qualifications	00																
Education and training	01																
Arts and humanities	02																
Social sciences, journalism, and information sciences	03																
Business, administration, and law	04																
Natural sciences, mathematics, and statistics	05	447	474	340	185					87	106	89	56	16	16	11	13
Information and communication technologies	06																
Technology, manufacturing, and civil engineering	07	207	231	177	98					74	89	78	57	30	30	24	24
Agriculture, forestry, fishing, and veterinary medicine	08																
Health and welfare, environmental protection	09																
Services	10																
FCE total	X	624	705	517	283		0	0	0	153	195	167	113	45	46	35	37
Study across faculties																	
ISCED-F broad fields	kód																
General programs and qualifications	00																
Education and training	01									26	26	21	18				
Arts and humanities	02																
Social sciences, journalism, and information sciences	03																
Business, administration, and law	04	524	525	227	151					197	198	104	87				
Natural sciences, mathematics, and statistics	05																
Information and communication technologies	06																
Technology, manufacturing, and civil engineering	07																
Agriculture, forestry, fishing, and veterinary medicine	08																
Health and welfare, environmental protection	09																
Services	10																
Total study across faculties	X	524	525	227	151		0	0	0	223	224	125	105		0	0	0
UCT Prague		- the total for the university is not the sum of individual faculties!															
ISCED-F broad fields	kód																
General programs and qualifications	00																
Education and training	01									26	26	21	18				
Arts and humanities	02	39	39	26	20												
Social sciences, journalism, and information sciences	03																
Business, administration, and law	04	524	525	227	151					197	198	104	87				
Natural sciences, mathematics, and statistics	05	1 435	1 690	1 269	581					303	414	303	167	99	103	87	82
Information and communication technologies	06																
Technology, manufacturing, and civil engineering	07	1 077	1 319	953	436					689	785	416	313	105	113	83	79
Agriculture, forestry, fishing, and veterinary medicine	08																
Health and welfare, environmental protection	09																
Services	10																
TOTAL UCT Prague	X	2 726	3 573	2 475	1 188					1 105	1 423	844	585	201	216	170	161

Note: * = A faculty or another university unit delivering an accredited study program
FT = Full-time

Table 6.1: Total faculty, research, and other staff (full-time equivalent*)

UCT Prague	Faculty								Researchers and specialists**			Other employees*****	TOTAL employees
	TOTAL faculty	Professors	Associate professors	Assistant professors	Assistants	Lecturers	Scientific, research, and development staff taking part in teaching	Visiting professors	Postdoctoral fellows***	Researchers other than classified in the above categories	Other scientific, research, and development staff****		
FCT*****	136,312	24,658	31,146	78,508	2,000	0,000	0,000	0,000	63,542	96,630	0,000	33,112	329,596
Women at FCT	41,947	0,000	9,200	32,747	0,000	0,000	0,000	0,000	37,291	41,263	0,000	26,100	146,601
FET*****	66,716	7,438	10,800	46,578	1,900	0,000	0,000	0,000	18,333	6,047	0,000	8,113	99,209
Women at FET	22,701	0,367	2,917	19,417	0,000	0,000	0,000	0,000	9,688	5,084	0,000	6,812	44,285
FFBT*****	116,414	22,517	34,746	55,980	3,171	0,000	0,000	0,000	42,297	34,065	0,000	25,745	218,521
Women at FFBT	59,622	6,633	18,033	31,785	3,171	0,000	0,000	0,000	26,556	19,828	0,000	21,945	127,951
FCE*****	109,550	20,000	25,700	60,575	3,275	0,000	0,000	0,000	28,566	68,332	0,000	23,200	229,648
Women at FCE	31,667	0,600	5,500	25,109	0,458	0,000	0,000	0,000	15,646	14,380	0,000	16,600	78,293
Total in other units	79,626	4,500	11,175	53,303	10,648	0,000	0,000	0,000	17,850	40,370	0,000	342,992	480,838
Women in other units	42,310	1,000	6,250	30,195	4,865	0,000	0,000	0,000	8,751	20,766	0,000	203,489	275,316
TOTAL	508,618	79,113	113,567	294,944	20,994	0,000	0,000	0,000	170,588	245,444	0,000	433,162	1 357,812
Total women	198,247	8,600	41,900	139,253	8,494	0,000	0,000	0,000	97,932	101,321	0,000	274,946	672,446

Note: * = Full-time equivalent refers to the ratio of total number of hours worked from January 1 to December 31 (by all workers in the reported category, including DPČ work performance contracts, excluding DPP casual work contracts) and the

Note: ** = Researcher means a scientist other than a faculty member as per Section 70 of Act No. 111/1998 Coll. on Higher Education.

Note: *** = A person employed by a research institution or a university during five years after award of a Ph.D. or equivalent degree. He/she has a specific assignment in a research team of the institution, usually under the supervision of senior

Note: **** = Other scientific, research, and development staff include technicians and specialists who are not directly involved in research, but are indispensable for research work, such as staff in charge of the research facility's operations.

Note: ***** = Other employees include all other workers that are not directly involved in teaching and research. They include administrative, maintenance, and other employees.

Note: ***** = A faculty or another university unit delivering an accredited study program.

Table 6.2: Age structure of faculty, researchers, and other employees (number of persons*)																								
	Faculty														Researchers and specialists**						Other employees*****		TOTAL	Including women
	Professors		Associate professors		Assistant professors		Assistants		Lecturers		Scientific, research, and development staff taking part in teaching		Visiting professors		Postdoctoral fellows***		Researchers other than classified in the above categories		Other scientific, research, and development staff****					
UCT Prague	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	
Aged up to 29 years	0	0	0	0	3	3	2	0	0	0	0	0	0	0	9	6	292	144			27	16	333	169
Aged 30-39 years	1	0	13	4	123	52	9	3	0	0	0	0	0	0	132	60	63	38			81	48	422	205
Aged 40-49 years	18	2	48	17	147	73	7	4	0	0	0	0	0	0	9	4	48	24			116	86	393	210
Aged 50-59 years	26	2	29	11	49	29	3	0	0	0	0	0	0	0	2	1	22	13			144	104	275	160
Aged 60-69 years	26	0	31	14	27	12	4	4	0	0	0	0	0	0	0	0	17	7			96	59	201	96
Aged over 70 years	26	8	13	4	6	1	0	0	0	0	0	0	0	0	0	0	12	4			25	6	82	23
TOTAL	97	12	134	50	355	170	25	11	0	0	0	0	0	0	152	71	454	230	0	0	489	319	1706	863

Note: * = Total number of regular employees, both part- and full-time, excluding DPČ work performance contracts, DPP casual work contracts, and other contracts having the nature of purchased services as per the Civil Code.

Note: ** = Researcher means a scientist other than a faculty member as per Section 70 of Act No. 111/1998 Coll. on Higher Education.

Note: *** = A person employed by a research institution or a university during five years after award of a Ph.D. or equivalent degree. He/she has a specific assignment in a research team of the institution, usually under the supervision of senior researchers, and publishes research results both independently and as part of the team. He/she works under an employment agreement for the maximum of three consecutive fixed terms of one to three years. He/she receives a salary as per the remuneration system of the institution, and is eligible for

Note: **** = Other scientific, research, and development staff include technicians and specialists who are not directly involved in research, but are indispensable for research work, such as staff in charge of the research facility's operations.

Note: ***** = Other employees include all other workers that are not directly involved in teaching and research. They include administrative, maintenance, and other employees.

Table 6.3: Faculty and researchers by working hours and highest attained education (number of persons by working hours)													
UCT Prague	Faculty								Researchers*		TOTAL	Including women	
FCT**													
	Prof.		Doc.		DrSc., CSc., Dr., Ph.D., Th.D.		Other		TOTAL	Women			
Full-time	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women					
Up to 0.3	0	0	0	0	4	1	0	0	26	16	30	17	
0.31-0.5	1	0	2	2	8	2	0	0	34	16	45	20	
0.51-0.7	0	0	0	0	4	3	0	0	18	8	22	11	
0.71-1	25	0	31	9	76	33	2	0	143	73	277	115	
Over 1	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	26	0	33	11	92	39	2	0	221	113	374	163	
FET**													
	Prof.		Doc.		DrSc., CSc., Dr., Ph.D., Th.D.		Other		TOTAL	Women			
Full-time	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women					
Up to 0.3	0	0	1	0	2	0	0	0	8	3	11	3	
0.31-0.5	2	1	3	0	3	1	0	0	15	6	23	8	
0.51-0.7	0	0	0	0	0	0	1	0	7	4	8	4	
0.71-1	6	0	9	3	45	17	2	2	19	16	81	38	
Over 1	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	8	1	13	3	50	18	3	2	49	29	123	53	
FFBT**													
	Prof.		Doc.		DrSc., CSc., Dr., Ph.D., Th.D.		Other		TOTAL	Women			
Full-time	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women					
Up to 0.3	4	1	3	2	7	6	1	1	24	13	39	23	
0.31-0.5	5	1	4	2	1	1	0	0	19	13	29	17	
0.51-0.7	2	1	1	0	5	3	0	0	13	5	21	9	
0.71-1	19	6	31	16	54	30	3	3	61	36	168	91	
Over 1	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	30	9	39	20	67	40	4	4	117	67	257	140	
FCE**													
	Prof.		Doc.		DrSc., CSc., Dr., Ph.D., Th.D.		Other		TOTAL	Women			
Full-time	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women					
Up to 0.3	6	0	5	0	10	3	0	0	16	6	37	9	
0.31-0.5	1	0	2	0	9	6	0	0	38	15	50	21	
0.51-0.7	2	1	1	0	4	2	0	0	8	5	15	8	
0.71-1	18	0	23	6	55	22	6	2	84	26	186	56	
Over 1	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	27	1	31	6	78	33	6	2	146	52	288	94	
Total other units**													
	Prof.		Doc.		DrSc., CSc., Dr., Ph.D., Th.D.		Other		TOTAL	Women			
Full-time	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women					
Up to 0.3	0	0	4	2	5	1	1	0	5	2	15	5	
0.31-0.5	3	0	7	4	9	4	4	4	9	6	32	18	
0.51-0.7	0	0	0	0	2	1	0	0	4	3	6	4	
0.71-1	3	1	7	4	29	15	28	18	55	29	122	67	
Over 1	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	6	1	18	10	45	21	33	22	73	40	175	94	
UCT Prague													
	Prof.		Doc.		DrSc., CSc., Dr., Ph.D., Th.D.		Other		TOTAL	Women			
Full-time	TOTAL	Women	TOTAL	Women	TOTAL	Women	TOTAL	Women					
Up to 0.3	10	1	13	4	28	11	2	1	79	40	132	57	
0.31-0.5	12	2	18	8	30	14	4	4	115	56	179	84	
0.51-0.7	4	2	2	0	15	9	1	0	50	25	72	36	
0.71-1	71	7	101	38	259	117	41	25	362	180	834	367	
Over 1	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	97	12	134	50	332	151	48	30	606	301	1217	544	
UCT TOTAL	97	12	134	50	332	151	48	30	606	301	1217	544	

Note: The highest attained academic title.

Note: * = Researcher means a person other than a faculty member as per Section 70 of Act No. 111/1998 Coll. on Higher Education.

Note: ** = A faculty or another university unit delivering an accredited study program.

Table 6.4: Executive staff (persons)									
	Rector/Dean	Vice Rector/Vice Dean	Academic Senate	Scientific/Art/Academic Board	Bursar/Secretary**	Board of Trustees	Director of department, university-run farm or forest, and other unit	Head of department/institute/research center****	TOTAL executive staff *****
UCT Prague									
<i>UCT Prague – Data for university/Rector's Office, other units excluded</i>	1	4	27	50	1	9			92
Including women	0	1	9	5	1	2			18
FCT*	1	3	11	37	1			12	65
Including women	0	0	4	4	1			0	9
FET*	1	2	9	34	1			4	51
Including women	0	0	4	6	1			1	12
FFBT*	1	3	10	41	1			7	63
Including women	0	2	7	14	1			3	27
FCE*	1	3	9	31	1			5	50
Including women	0	0	3	4	1			0	8
<i>University institutes and farms or forests</i>				0	0		1	0	1
Including women				0	0		0	0	0
<i>Total other units***</i>				0	0		0	4	4
Including women				0	0		0	2	2
Faculties*, university departments, and other units	4	11	39	143	4		1	32	234
Including women	0	4	25	42	5		0	6	58
TOTAL UCT Prague*****	5	15	66	193	5	9	1	32	326
Including women	0	5	34	47	6	2	0	6	76

The table includes only university units, units carrying out teaching, research, development, innovation, artistic, and other creative activities, and units responsible for information services or technology transfer. The table excludes data relating to administration, entertainment, sports, accommodation, catering, and operations.

Note: * = Only faculties and their subordinate units (as per the above description)

Note: ** = As per Section 25, Article 2 of the Higher Education Act.

Note: *** = Units carrying out teaching, research, development, innovation, artistic, and other creative activities and units responsible for information services or technology transfer as per Section 22, Paragraph c) of Act No. 111/1998 Coll.

Note: **** = The listed and other similar units carrying out teaching, research, development, innovation, artistic, and other creative activities and units subordinate to a university department responsible for information services or technology transfer as per Section 22, Paragraph c) of Act No. 111/1998 Coll.

Note: ***** = The figure is a **simple sum of cells** that may not correspond to the actual headcount (a person may hold multiple positions at UCT or its faculties).

Table 6.5: Faculty and researchers – foreign nationals (full-time equivalent*****)										
UCT Prague	Faculty					Scientific, research, and development staff taking part in teaching	Researchers and specialists**			Other employees*****
	Professors	Associate professors	Assistant professors	Assistants	Lecturers		Postdoctoral fellows***	Researchers other than classified in the above categories	Other scientific, research, and development staff****	
FCT	1	1	3,4	0	0	0	20,2	49,83	0	0,1
Including: Germany			0,4					1,58		
Poland								3		
Austria								0,9		
Slovakia			1				1	4,1		
Other EU countries	1						3	7,1		
Other non-EU countries		1	2				16,2	33,15		0,1
Female employees (regardless of nationality)			3				9,2	24,75		0,1
FET	0	0	3,5	0	0	0	1,5	6,25	0	0
Including: Germany										
Poland										
Austria										
Slovakia			2,5					2,05		
Other EU countries										
Other non-EU countries			1				1,5	4,2		
Female employees (regardless of nationality)			1				0	5,25		
FFBT	0	0	3	0	0	0	0	6,2	0	1
Including: Germany										
Poland										
Austria										
Slovakia			1					0,65		1
Other EU countries			1					2,7		
Other non-EU countries			1					2,85		
Female employees (regardless of nationality)			1					3,2		1
FCE	1	3	5,5	0	0	0	5,7	18,2	0	0,2
Including: Germany								0,5		
Poland			1				1	0,45		
Austria										
Slovakia	1	2	2,5				0,2	3,15		0,2
Other EU countries			1				0,5			
Other non-EU countries		1	1				4	14,1		
Female employees (regardless of nationality)		2	3,5				3,5	9		0,2
Total in other units	0,5	1	4	2	0	0	2	3,3	0	12,88
Including: Germany										
Poland										
Austria										
Slovakia	0,5	0,5	2					0,25		2,8
Other EU countries										0,2
Other non-EU countries		0,5	2	2			2	3,05		9,88
Female employees (regardless of nationality)		0,5	1,5					2,05		10
UCT TOTAL	2,5	5	19,4	2	0	0	29,4	83,78	0	14,18
Including: Germany	0	0	0,4	0	0	0	0	2,08	0	0
Poland	0	0	1	0	0	0	1	3,45	0	0
Austria	0	0	0	0	0	0	0	0,9	0	0
Slovakia	1,5	2,5	9	0	0	0	1,2	10,2	0	4
Other EU countries	1	0	2	0	0	0	3,5	9,8	0	0,2
Other non-EU countries	0	2,5	7	2	0	0	23,7	57,35	0	9,98
Female employees (regardless of nationality)	0	2,5	10	0	0	0	12,7	44,25	0	11,3

Note: * = A faculty or another university unit delivering an accredited study program.

Note: ** = Researcher means a scientist other than a faculty member as per Section 70 of Act No. 111/1998 Coll. on Higher Education.

Note: *** = A person employed by a research institution or a university during five years after award of a Ph.D. or equivalent degree. He/she has a specific assignment in a research team of the institution, usually under the supervision of senior researchers, and publishes research results both independently and as part of the team. He/she works under an employment agreement for the maximum of three consecutive fixed terms of one to three years. He/she receives a salary as per the remuneration system of the institution, and is eligible for bonuses under research grant projects.

Note: **** = Other scientific, research, and development staff include technicians and specialists who are not directly involved in research, but are indispensable for research work, such as staff in charge of the research facility's operations.

Note: ***** = Other employees include all other workers that are not directly involved in teaching and research. They include administrative, maintenance, and other employees.

Note: ***** = Full-time equivalent refers to the ratio of total number of hours worked from January 1 to December 31 (by all workers in the reported category, including DPC work performance contracts, excluding DPP casual work contracts) and the total annual working time per full-time employee.

Table 6.6: Newly appointed associate professors and professors (persons)				
UCT Prague	Number of persons			Average age of new appointees***
	UCT Prague*		Core UCT faculty members appointed at another university**	
	Total	Including core UCT faculty		
<i>FCT</i>				
Professors appointed in 2022	1	1	0	56
Including women	0	0	0	
Associate professors appointed in 2022	3	3	0	37
Including women	0	0	0	
<i>FET</i>				
Professors appointed in 2022	0	0	0	
Including women				
Associate professors appointed in 2022	0	0	0	
Including women				
<i>FFBT</i>				
Professors appointed in 2022	1	1	0	41
Including women	1	1	0	41
Associate professors appointed in 2022	1	1	0	32
Including women	0	0	0	
<i>FCE</i>				
Professors appointed in 2022	1	0	1	41
Including women	0	0	0	
Associate professors appointed in 2022	5	5	0	42
Including women	3	3	0	46
<i>Other units other than faculties</i>				
Professors appointed in 2022	0	0	0	
Including women				
Associate professors appointed in 2022	1	0	1	36
Including women	0	0	0	
TOTAL professors	3	2	1	46
Including women	1	1	0	41
TOTAL associate professors	10	9	1	39
Including women	5	5	0	42

Note: *= Including all habilitations and appointments in the calendar year and at the university, regardless of whether the newly appointed professors and associate professors are core faculty of the university.

Note: **= Number of professors and associate professors constituting core UCT faculty appointed at another university.

Note: *** = The average age is calculated from the total number of new appointees at UCT Prague (faculty or total number).

Note: **** = A faculty or another university unit delivering an accredited study program.

Table 7.1: Participation in international cooperation programs (regardless of the source of funding)				
UCT Prague	H2021/ Seventh European Commission Framework Program			TOTAL
	TOTAL	Including Marie-Curie Actions	Other	
Projects*	39	14	4	4
Outgoing students**	1	1	158	159
Incoming students***	0	0	422	422
Outgoing faculty members and researchers****	0	0	705	705
Incoming lecturers and researchers*****	0	0	156	156
Subsidy in CZK thousands*****	70 588,46	14 230,89	31 458,96	102 047,43

Note: * = Projects active in the reported year.

Note: ** = Outgoing students means students who completed a foreign internship in 2024, including students whose internship began in 2023. Only internships lasting more than four weeks (28 days) are included. Where applicable, internships with a different duration are listed in the notes for the table.

Note: *** = Incoming students means students who completed an internship at UCT in 2024, including students whose internship began in 2023. Only internships lasting more than four weeks (28 days) are included. Where applicable, internships with a different duration are listed in the notes for the table.

Note: **** = Outgoing faculty members means persons who completed a foreign internship in 2024, including faculty members whose internship began in 2023.

Note: ***** = Incoming lecturers means persons who completed an internship at UCT in 2024, including lecturers whose internship began in 2023.

Note: ***** = The figures represent total project funding, including co-funding by MEYS.

Table 7.2: Mobility of students, academic staff, and other workers by country***** (regardless of the source of funding) (unprocessed raw data)										
UCT Prague	Outgoing students*			Incoming students**		Outgoing faculty members***	Incoming lecturers****	Other outgoing workers***	Other incoming workers****	TOTAL for the country
Country	Total	Graduate internships (from the	Virtual* (from the total)	Virtual* (from the total)	Total					
Islamic Republic of Afghanistan										0
Republic of Albania						1				1
People's Democratic Republic of Algeria										0
United States Virgin Islands										0
Principality of Andorra										0
Republic of Angola										0
Anguilla										0
Antarctica										0
Antigua and Barbuda										0
Republic of Argentina										0
Republic of Armenia										0
Aruba										0
Commonwealth of Australia						2				2
Republic of Azerbaijan										0
Commonwealth of the Bahamas										0
Bailiwick Guernsey										0
Bailiwick Jersey										0
People's Republic of Bangladesh						1				1
Barbados										0
Kingdom of Belgium	17				24	16				57
Belize										0
Republic of Belarus							1		1	1
Republic of Benin										0
Bermuda										0
Kingdom of Bhutan										0
Bolivarian Republic of Venezuela	1									1
Bonaire, Sint Eustatius and Saba										0
Bosnia and Herzegovina							1			1
Republic of Botswana										0
Bouvet Island										0
Federative Republic of Brazil	1					2	4			7
British Virgin Islands										0
British Indian Ocean Territory										0
Republic of Bulgaria						3				3
Burkina Faso										0
Republic of Burundi										0
Cook Islands										0
Republic of Chad										0
Montenegro						4				4
Czech Republic										0
People's Republic of China						9	6			15
Kingdom of Denmark	3					8				11
Democratic Republic of São Tomé and Príncipe										0
Democratic Republic of Timor-Leste										0
Mayotte Department										0
Commonwealth of Dominica										0
Dominican Republic										0
Republic of Djibouti										0
Arab Republic of Egypt						1				1
Republic of Ecuador										0
Republic of Estonia	1				3	3				7
Federal Democratic Republic of Ethiopia										0
Faroe Islands										0
Falkland Islands (Islas Malvinas)										0
Federation of Saint Kitts and Nevis										0
Federated States of Micronesia										0
Republic of Fiji										0
Republic of the Philippines						1	1			2
Republic of Finland	14				3	6				23
French Guiana										0
French Southern and Antarctic Territories										0
French Polynesia										0
French Republic	12				163	56				231
Gabonese Republic										0
Republic of the Gambia										0
Republic of Ghana										0
Gibraltar										0
Grenada										0
Greenland										0
Georgia						4				4
Republic of Guatemala										0
Republic of Guinea										0
Cooperative Republic of Guyana										0
Heard Island and McDonald Islands										0
Republic of Honduras										0
Republic of Chile	1				3					4
Republic of Croatia					5	8	1			14
Republic of India					3		10			13
Republic of Indonesia										0
Republic of Iraq						1				1
Islamic Republic of Iran							2			2
Ireland					1	10				11
Republic of Iceland						1				1
Republic of Italy	20				29	71	5			125
Jamaica						2				2
Japan	4				4	29	1			38
Republic of Yemen										0
Republic of South Africa						1				1
Republic of South Sudan										0
South Georgia and the South Sandwich Islands										0
Hashemite Kingdom of Jordan										0
Cayman Islands										0
Kingdom of Cambodia										0
Republic of Cameroon										0
Canada					1	8	1			10
Republic of Cape Verde										0
Republic of Kenya						1				1
Republic of Colombia							1			1
Union of the Comoros										0
Democratic Republic of the Congo										0
Republic of Congo										0
Democratic People's Republic of Korea										0
Republic of Korea					3	5				8
Republic of Kosovo										0
Republic of Costa Rica					1					1
Kingdom of Bahrain										0
Kingdom of Saudi Arabia						6				6
Kingdom of Tonga										0
Republic of Cuba										0
State of Kuwait										0
Republic of Cyprus						2				2
Republic of Kyrgyzstan										0
Lao People's Democratic Republic										0
Kingdom of Lesotho										0
Republic of Lebanon										0
Republic of Liberia										0
State of Libya										0
Principality of Liechtenstein										0
Republic of Lithuania	1				13	4	2			20
Republic of Latvia										0
Grand-Duchy of Luxembourg										0
Republic of Madagascar										0
Hungary					6	7	1		1	15
Malaysia					5					5
Republic of Malawi										0
Republic of Maldives										0
Republic of Malta						2				2
Kingdom of Morocco										0
Martinique										0
Republic of Mauritius										0
Islamic Republic of Mauritania										0

United States Minor Outlying Islands										0
Plurinational State of Bolivia										0
Republic of Moldova										0
Principality of Monaco										0
Mongolia										0
Montserrat										0
Republic of Mozambique										0
Republic of Namibia										0
Federal Democratic Republic of Nepal										0
Independent State of Papua New Guinea										0
Independent State of Samoa										0
Federal Republic of Nigeria						1				1
Republic of the Niger										0
Republic of Nicaragua										0
Niue										0
Netherlands	8			11	14					33
Kingdom of Norway	5			1	3					9
New Caledonia										0
New Zealand	1									1
Isle of Man										0
Turks and Caicos Islands										0
Islamic Republic of Pakistan						8				8
Palestinian Autonomous Area										0
Republic of Panama										0
Republic of Paraguay										0
Republic of Peru					1					1
Pitcairn Islands										0
Republic of Poland	5			11	30	23				69
Commonwealth of Puerto Rico										0
Republic of Portugal	21			25	20	2				68
Province of Åland										0
Republic of Austria	13			3	32	1				49
Guadeloupe Region										0
Réunion Region										0
Republic of Guinea-Bissau										0
Republic of Haiti										0
Republic of Kazakhstan				1						1
Republic of Kiribati										0
Republic of Mali										0
Republic of the Marshall Islands										0
Republic of the Union of Myanmar										0
Republic of Nauru										0
Republic of Palau										0
Republic of Ivory Coast										0
Republic of Equatorial Guinea										0
Republic of San Marino										0
Republic of North Macedonia										0
Republic of Sierra Leone										0
Republic of Tajikistan										0
Republic of Trinidad and Tobago										0
Republic of Uzbekistan	10			1	4					15
Republic of Vanuatu										0
Romania										0
Russian Federation						5				5
Republic of Rwanda										0
Hellenic Republic	1			5	19	4				29
Sahrawi Arab Democratic Republic										0
Republic of El Salvador										0
Republic of Senegal										0
Republic of Seychelles										0
Republic of Singapore										0
Slovak Republic	2			5	31	27		3		68
Republic of Slovenia	3			6	19					28
Federal Republic of Somalia										0
United Kingdom of Great Britain and Northern Ireland	7			2	19					28
United States of America	3				61	1				65
United Mexican States					1					1
Commonwealth of the Northern Mariana Islands										0
Territorial Collectivity of Saint-Barthélemy										0
Saint Martin										0
Federal Republic of Germany	15			8	73	5				101
Republic of Serbia				3	6	1				10
Brunei Darussalam										0
State of Eritrea										0
State of Israel						1				1
State of Qatar										0
United Arab Emirates	2				1					3
Central African Republic										0
Republic of Sudan										0
Sultanate of Oman										0
Republic of Suriname										0
Saint Helena Ascension and Tristan da Cunha										0
Saint Lucia										0
Saint Martin (NL)										0
St Vincent and the Grenadines										0
Kingdom of Swaziland										0
Syrian Arab Republic										0
Salomon Islands										0
Kingdom of Spain	11			52	44	1				108
Svalbard and Jan Mayen										0
Democratic Socialist Republic of Sri Lanka										0
Kingdom of Sweden	7				4					11
Swiss Confederation	6			1	20					27
United Republic of Tanzania										0
Territory of Guam										0
Territory of the Wallis and Futuna Islands										0
Kingdom of Thailand					2					2
Taiwan	3			5	4					12
Tokelau										0
Republic of Togo										0
Republic of Tunisia						1				1
Republic of Turkey	1			17	15	19				52
Turkmenistan					2					2
Tuvalu										0
Republic of Uganda										0
Ukraine				1	1	9		3		14
Oriental Republic of Uruguay										0
Territory of American Samoa										0
Territory of the Cocos (Keeling) Islands										0
Norfolk Territory										0
Territory of Christmas Island										0
Territorial Communities of Saint-Pierre-et-Miquelon										0
Vatican City State										0
Socialist Republic of Vietnam										0
Republic of Zambia					4	3				7
Curaçao										0
Republic of Zimbabwe										0
Hong Kong Special Administrative Region of the People's Republic of China										0
Macao Special Administrative Region of the People's Republic of China										0
Other										0
Total	199	0	0	0	425	705	149	0	7	1485

Note: * = Outgoing students means students who underwent (completed) a foreign internship in 2024, including students whose internship began in 2023. Only internships lasting at least two weeks (14 days) are included.

Note: ** = Incoming students means students who completed an internship in 2024, including students whose internship began in 2023. Only internships lasting at least two weeks (14 days) are included.

Note: *** = Outgoing faculty and other staff means persons who underwent (completed) a foreign internship in 2024, including staff whose internship began in 2023. Only internships lasting at least five (5 days) are included.

Note: **** = Incoming lecturers/other workers means persons who completed an internship at UCT in 2024, including persons whose internship began in 2023. Only internships lasting at least five (5 days) are included.

Note: ***** = Table 7.2 Mobility of students, academic staff, and other workers by country lists all countries to facilitate data processing by MEYS and to prevent unnecessary workload for universities. If there is no mobility vis-à-vis a country, leave the cell blank.

Note: ***** = Graduate internship means practicum at a foreign company or organization lasting 2-12 months, starting after graduation and ending within one year after graduation. Graduate internships are carried out based on a trilateral agreement between the student, the posting university, and the host organization, institution, or company.

Note: - = Enter zero if there was no virtual mobility at your university. If virtual mobility was carried out, but no information is available, provide a qualified estimate and provide a comment for the cell, cells, or column, such as 'qualified estimate'. If a qualified estimate cannot be provided, leave the cell blank and provide a comment for the cell, cells, or column, such as n/a.

Table 7.3: Graduate mobility** (number and percentage of completed programs)										
UCT Prague	Bachelor's program		Master's program		Follow-up master's program		Doctoral program		TOTAL**	
	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number
FCT										
Percentage [%] and number of graduates who undertook foreign internship lasting at least 14 days during their study program	1,0%	1,0			11,0%	12,0	14,0%	7,0	7,0%	20,0
Percentage [%] and number of doctoral graduates who undertook foreign internship lasting at least one month (30 days)							14,0%	7,0	14,0%	7,0
FET										
Percentage [%] and number of graduates who undertook foreign internship lasting at least 14 days during their study program	4,0%	1,0			6,0%	3,0	13,0%	2,0	6,0%	6,0
Percentage [%] and number of doctoral graduates who undertook foreign internship lasting at least one month (30 days)							13,0%	2,0	13,0%	2,0
FFBT										
Percentage [%] and number of graduates who undertook foreign internship lasting at least 14 days during their study program	2,0%	2,0			16,0%	22,0	18,0%	9,0	11,0%	33,0
Percentage [%] and number of doctoral graduates who undertook foreign internship lasting at least one month (30 days)							18,0%	9,0	18,0%	9,0
FCE										
Percentage [%] and number of graduates who undertook foreign internship lasting at least 14 days during their study program	3,0%	3,0			7,0%	7,0	5,0%	2,0	5,0%	12,0
Percentage [%] and number of doctoral graduates who undertook foreign internship lasting at least one month (30 days)							5,0%	2,0	5,0%	2,0
Study across faculties										
Percentage [%] and number of graduates who undertook foreign internship lasting at least 14 days during their study program	10,0%	3,0			13,0%	6,0			12,0%	9,0
Percentage [%] and number of doctoral graduates who undertook foreign internship lasting at least one month (30 days)									0,0%	0,0
UCT Prague										
Percentage [%] and number of graduates who undertook foreign internship lasting at least 14 days during their study program	3,0%	10,0			11,0%	50,0	13,0%	20,0	8,0%	80,0
Percentage [%] and number of doctoral graduates who undertook foreign internship lasting at least one month (30 days)							13,0%	20,0	13,0%	20,0
UCT Prague	3,0%	10,0	0,0%	0,0	11,0%	50,0	13,0%	20,0		

Note: * = A faculty or another university unit delivering an accredited study program.

Note: ** = The total values per faculty (last cell in the top line for each faculty) and for UCT Prague (all empty fields per university in the Annual Report) are neither the sum nor the average of the values in the preceding rows and columns. The values of these cells need to be calculated separately.

Table 8.1: Conferences (co-)organized by UCT Prague (number)

UCT Prague	More than 60 participants		International conferences**	
	In-person***	Virtual***	In-person***	Virtual***
<i>FCT</i>	5	0	4	0
<i>FET</i>	5	0	3	0
<i>FFBT</i>	10	0	5	0
<i>FCE</i>	1	0	1	0
<i>Total in other units</i>	2	0	1	0
TOTAL	23	0	14	0

Note: * = A faculty or another university unit delivering an accredited study program

Note: ** = A conference is considered international if it features at least one foreign speaker and if all papers are presented in at least one of the following languages – English, French, German, or the language applicable to the specialization of the conference, such as the featured language of a philology conference.

Note: *** = A conference is classified in the category if attended using the applicable form by more than 50% of participants (estimate). The categories are mutually exclusive.

Table 8.2: Experts from the application sector* taking part in teaching and practicum under accredited study programs (number)

UCT Prague	Persons employed by UCT or its unit			Persons not employed by UCT or its unit		
	Teaching staff	Thesis supervisors	Practicum supervisors***	Teaching staff	Thesis supervisors	Practicum supervisors***
FCT**	16	1	0	10	3	70
Including women	5	0	0	2	1	20
FET**	11	3	0	7	1	5
Including women	4	0	0	1	0	1
FFBT**	12	3	1	13	1	85
Including women	5	0	0	5	1	43
FCE**	2	5	0	14	12	41
Including women	1	1	0	0	5	16
Study across faculties**	11	1	9	16	0	0
Including women	5	1	6	4	0	0
TOTAL	52	13	10	60	17	201
Including women	20	2	6	12	7	80

Note: * = Experts from the application sector taking part in teaching one third or more of the number of lessons allocated to a course or supervising student theses. Experts who are core UCT/faculty employees must have employment corresponding to the same FTE percentage outside the UCT/faculty.

Note: ** = A faculty or another university unit delivering an accredited study program/field of study.

Note: *** = Persons directly responsible for student practicum.

Table 8.3: Study fields/programs**** with mandatory practicum*** lasting one month or more* (number)

	Number of study fields/programs****	Active enrollments					
		Bachelor's program		Master's program		Follow-up master's program	
		Academic profile	Professional profile	Academic profile	Professional profile	Academic profile	Professional profile
UCT Prague							
<i>FCT</i>	6					87	
<i>FET</i>	4					14	
<i>FFBT</i>	10					136	
<i>FCE</i>	1					33	
<i>Study across faculties</i>	1					9	
TOTAL	22	0	0	0	0	279	0

Note: * = Practicum duration may be shorter, but its total duration must be no shorter than one month.

Note: ** = A faculty or another university unit delivering an accredited study program/field of study.

Note: *** = Practicum is mandatory if required under the study program accreditation; it can be part of a subject or a separate subject. Practicum consists of specialized professional training.

Note: **** = Figure pertaining to the lowest accredited unit/specialization, or for the study program if it is not divided into specializations.

Table 8.4: Transfer of knowledge and results of research into practice				
UCT Prague				
	Czech Republic	Other countries	TOTAL contracts	TOTAL revenues
New spin-off/start-up undertakings*			0	
Filed patent applications	6	4	10	
Granted patents**	8	3	11	
Registered utility models	7	0	7	
Licensing agreements in effect as at December 31	12	2	14	
New licensing agreements	3	0	3	210 830 CZK
Contract research***, consulting and counselling***			1 543	307 873 764 CZK
Paid training courses for employees of application sector organizations***			362	35 204 001 CZK

Note: *= New spin-off/start-up companies supported by the university in 2022 (number).

Note: **= In regard to European patents, only one country is reported under 'Other countries', regardless of the number of designated countries.

Note: ***= The definitions of the revenue- and value-related items in the table must correspond to the 2022 Annual Financial Report for Public Higher Education Institutions (Table 6). Private higher education institutions provide the relevant data at their discretion.

Licensing agreement is defined as the grant of rights, to the agreed extent and in the agreed territory, to obtain or to provide a license providing one of the forms of protection of intellectual and industrial property. Licensing agreements are entered into in writing for patented inventions, utility models, industrial designs, semiconductor topography, new plant varieties, new animal breeds, and protected trademarks. The licensor authorizes the licensee to exercise intellectual and industrial property rights to the agreed extent and in the agreed territory, and the licensee undertakes to pay licensing fees or another form of compensation. The purpose of a licensing agreement is to lay down a legal framework between the licensor and the licensee for the use of copyrights or intellectual property rights.

Contract research is commissioned based on cooperation (interaction) that primarily meets specific research needs of entities from the application sector. Contract research is conducted by a university for a fee based on the client's needs and requirements. Contract research typically involves large-scale projects, original research, and a written report. It is usually commissioned by a specific organization and serves its needs. Funds paid by the client from the application sector for the research may come from public or private sources. Cases where a higher education institution receives special-purpose grant for applied research are not considered contract research.

Paid training courses improve the qualifications of employees of application sector organizations, such as training courses organized by companies. Application sector organizations are entities whose main focus is other than research and development. They include business corporations, government authorities, nonprofit organizations, and others, provided that research is not the primary purpose of their operations. Revenues are included from customized training courses delivered based on an agreement with an organization for its employees. The reported figures concern courses created based on an agreement with the client for the purpose of training its staff, as opposed to costs incurred by trainees attending training courses who are employed by a company meeting the above definition.

Consulting and counselling services consist of providing the client with expert advice, opinion, or task that largely depends on the university's expertise. Consulting and counselling services are provided by the university to the client for payment on a commercial basis. The principal purpose of consultation services is allowing the client to understand a certain phenomenon, as opposed to creating new knowledge.

Summary information for Table 8.4		
New licensing, contract research, consulting, counselling contracts, and paid training courses for employees of application sector organizations	Total contracts	Total revenues
	1908	343 288 595 CZK
	Average revenues per contract	
	179 921 CZK	

Table 12.1: Accommodation, boarding

UCT Prague	Number
Total capacity of the school's dormitories	1 651
Number of beds in rented facilities	0
Number of filed accommodation applications/reservations as at 31/12/2023	2 132
Number of satisfied accommodation applications/reservations as at 31/12/2023	1 730
Number of beddays in the year 2022	477 050
Number of main courses served in the year 2023 to students	23 438
Number of main courses served in the year 2023 to the school's employees	0
Number of main courses served in the year 2023 to other clients	10 956

Table 12.2 Libraries	
UCT Prague	Number
New library items for the year	328
<i>of which</i> physical items	298
<i>of which</i> e-books in permanent purchase	30
Library fund in total	87242
<i>of which</i> physical items	75095
<i>of which</i> e-books in permanent purchase	12147
Number of subscribed periodicals:	
- physical	36
- electronic (estimate)*	23
- in both forms**	0

Note: * = These are only periodicals to which the library subscribes itself (or which the library receives as a gift or exchange) in the paper form or electronic version.; it does not include other periodicals to which library users have access within full-text resources consortia.

Note: ** = The number of titles in both forms include only the titles where both forms are paid separately (i.e.. if the library subscribes to a print and the electronic version is a free bonus, only the printed form is reported, etc.).

Note: = Electronic items include only individually purchased titles, not books and periodicals which are part of "package" subscriptions from publishers of professional and scientific literature.

Table 14.1: Strengthening institutional resilience to illegitimate influence - number of incidents and persons trained

	Number of persons trained*	Number of incidents**	
		Reported	Investigated***
UCT Prague	60	1	1

Note: * = Transitional provision for the year - if accurate records do not exist for 2024, the HEI will provide a qualified estimate and comment on this in the table.

Note: ** = An incident is defined as an event that is reported by a member of the academic community, administrative and technical staff, or any other person, in accordance with internal regulations and methodologies, to the person responsible for addressing the strengthening of resilience to illegitimate influence.

Note: *** = An incident under investigation is defined as an incident that required the HEI to follow a basic or detailed due diligence process in accordance with the Methodological Recommendation (see hyperlink) defining the minimum scope of due diligence and risk management of collaboration with third parties in strengthening the resilience of the higher education and research environment to illegitimate influence, or other similar process that resulted in a decision to mitigate the risks identified by the HEI during the incident assessment.